



Updated SAR

CAY: 2020-2021

CAYm1: 2019-2020

CAYm2: 2018-2019

DEPARTMENT OF ELECTRONICS

&

COMMUNICATION ENGINEERING

K. S. INSTITUTE OF TECHNOLOGY

BANGALORE - 560109



SAR CONTENTS

<u>Serial Code</u>	<u>Item</u>	<u>Page No.</u>
PART A	Institutional Information	I-VII
PART B	Criteria Summary	VIII
Program Level Criteria		
1	Vision, Mission and Program Educational Objectives	1-8
2	Program Curriculum and Teaching – Learning Processes	9-330
3	Course Outcomes and Program Outcomes	331-352
4	Students’ Performance	353-423
5	Faculty Information and Contributions	424-502
6	Facilities and Technical Support	503-535
7	Continuous Improvement	536-567
Institute Level Criteria		
8	First Year Academics	568-592
9	Student Support Systems	593-744
10	Governance, Institutional Support and Financial Resources	745-773
PART C	Declaration by the Institution	774

K. S. INSTITUTE OF TECHNOLOGY

ELECTRONICS & COMMUNICATION ENGG.

PART A - Institutional Information

1. Name and Address of the Institution: **K.S.Institute of Technology**
No 14, Raghuvanahalli, Kanakapura Road,
Bengaluru – 560109
2. Name and address of the Affiliating University: **Visvesvaraya Technological University**
Jnana Sangama, Belagavi,
KARNATAKA – 590018
3. Year of Establishment of the Institution: **1999**
4. Type of the Institution: **Affiliated**
5. Ownership Status: **Society**
6. Other Academic Institutions of Trust/Society/Company etc. if any:

Name of the Institution (s)	Year of Establishment	Programs of Study	Location
K.S. Institute of Technology	1999	Electronics & Communication Engg.	K.S. Institute of Technology #14, Kanakapura Rd, Raghuvanahalli Kanakapura Road, Bengaluru-560109, Karnataka, INDIA
	1999	Computer Science & Engg.	
	1999	Mechanical Engg.	
	2000	Telecommunication Engg [Under Progressive Closure]	
	2020	Artificial Intelligence And Machine Learning Engineering	
K.S.School of Engineering And Management	2010	Electronics & Communication Engg	K.S.School Of Engineering And Management # 15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109, Karnataka, INDIA
		Computer Science & Engg.	
		Mechanical Engg.	
		Civil Engg.	
		Electrical & Electronics Engg. Master of Business Administration	
K.S. School of Architecture	2015	Architecture	K.S. School of Architecture No. 15, Off Kanakapura Road, Near Vajarahalli, Mallasandra, Karnataka 560109
K.S. Polytechnic	1992	Electronics & Communication	K. S. POLYTECHNIC No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109 Karnataka, INDIA
		Computer Science	
		Mechanical	
		Automobile	
		Civil	

7. Details of all the programs being offered by the Institution under consideration:

Name of the program	Program Applied Level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current intake	Accreditation status	From	To	Program for consideration	Program for Duration
Electronics & Communication Engineering	UG	1999	1999	60	YES	120	Applying for first time	-	-	YES	4

Sanctioned intake for Last Five Years for the Electronics & Communication Engineering

Academic Year	Sanctioned intake
2021-22	120
2020-21	180
2019-20	120
2018-19	120
2017-18	120
2016-17	120
2015-16	120

Name of the program	Program Applied Level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current intake	Accreditation status	From	To	Program for consideration	Program for Duration
Digital Electronics & Communication	PG	2014	2014	18	YES	18	Not eligible for accreditation	-	-	No	2

Sanctioned intake for Last Five Years for the Electronics & Communication Engineering

Academic Year	Sanctioned intake
2021-22	18
2020-21	18
2019-20	18
2018-19	24
2017-18	24
2016-17	24
2015-16	24

8. Programs to be considered for Accreditation vide this application

Sl.No	Level	Discipline	Program
1	Under Graduate	Engineering & Technology	Mechanical Engineering
2	Under Graduate	Engineering & Technology	Electronics and Communication Engineering
3	Under Graduate	Engineering & Technology	Computer Science & Engineering

9. Total number of employees in the institution



A. Regular Employees (Faculty and staff)

Items	2020-21		2019-20		2018-19	
	Min	Max	Min	Max	Min	Max
Faculty in Engg[Male]	40	40	50	50	50	54
Faculty in Engg[Female]	23	27	34	38	33	35
Faculty in Maths, Science & Humanities[Male]	04	04	05	06	06	06
Faculty in Maths, Science & Humanities [Female]	06	06	04	06	07	07
Non-Teaching staff[Male]	49	51	52	52	50	54
Non-Teaching staff[Female]	28	29	32	34	31	33

B. Contractual Staff Employees (Faculty & staff) (Not covered in Table A)

Items	2020-21		2019-20		2018-19	
	Min	Max	Min	Max	Min	Max
Faculty in Engineering [Male]	1	1	1	1	Nil	Nil
Faculty in Engineering[Female]	Nil	Nil	Nil	Nil	Nil	Nil
Faculty in Maths, Science & Humanities[Male]	Nil	Nil	Nil	Nil	Nil	Nil
Faculty in Maths, Science & Humanities [Female]	Nil	Nil	Nil	Nil	Nil	Nil
Non-Teaching staff [Male]	Nil	Nil	Nil	Nil	Nil	Nil
Non-Teaching staff[Female]	Nil	Nil	Nil	Nil	Nil	Nil

10. Total number of Engineering Students

Engineering and Technology- UG	 Shift1	Shift2
Engineering and Technology	 Shift1	Shift2
Polytechnic	Shift1	Shift2
MBA	Shift1	Shift2
MCA	Shift1	Shift2

Engineering and Technology- UG Shift-1:

Item	2020-21	2019-20	2018-19
Total number of Boys	778	822	876
Total number of girls	516	527	598
Total number of students	1294	1349	1474

Engineering and Technology- PG Shift-1:

Item	2020-21	2019-20	2018-19
Total number of Boys	03	01	01
Total number of girls	01	02	02
Total number of students	04	03	03

11. Vision of the Institution:

“To impart quality technical education with ethical values, employable skills and research to achieve excellence”.

12. Mission of the Institution:

- To attract and retain highly qualified, experienced and committed faculty.
- To create relevant infrastructure
- Network with industry and premier institutions to encourage emergence of new ideas by providing research and development facilities to strive for academic excellence
- To inculcate the professional and ethical values among young students with employable skills and knowledge acquired to transform the society

13. Contact Information of the Head of the Institution & NBA coordinator, if designated:

Head of the Institution

Name : **Dr. DILIP KUMAR K**
Designation : Principal & Director
Mobile number : +9196 06064187
Email ID : principal.ksit@gmail.com

NBA coordinator

Name : **Dr. P N SUDHA**
Designation : Prof. & Head ECE dept.
Mobile number : +919880266432
Email ID : pnsudha@ksit.edu.in

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	Vision, Mission and Program Educational Objectives	60	60
2	Program Curriculum and Teaching – Learning Processes	120	112
3	Course Outcomes and Program Outcomes	120	115
4	Students' Performance	150	106.89
5	Faculty Information and Contributions	200	164.7
6	Facilities and Technical Support	80	72
7	Continuous Improvement	50	45
8	First Year Academics	50	43.72
9	Student Support Systems	50	48
10	Governance, Institutional Support and Financial Resources	120	117
Total Marks		1000	884.31

PART – B

CRITERION 1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	60
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Total Marks : 60**1.1.State the Vision and Mission of the Department and Institute (5)****Total Marks : 5****Institute Marks: 5****VISION AND MISSION OF THE INSTITUTE****VISION**

“To impart quality technical education with ethical values, employable skills and research to achieve excellence”.

MISSION

M1: To attract and retain highly qualified, experienced & committed faculty.
M2: To create relevant infrastructure.
M3: Network with industry & premier institutions to encourage emergence of new ideas by providing research & development facilities to strive for academic excellence.
M4: To inculcate the professional & ethical values among young students with employable skills & knowledge acquired to transform the society.

VISION AND MISSION OF THE DEPARTMENT**VISION**

“To achieve excellence in academics and research in Electronics & Communication Engineering to meet societal need”.

MISSION

M1: To impart quality technical education with the relevant technologies to produce industry ready engineers with ethical values.
M2: To enrich experiential learning through active involvement in professional clubs & societies.
M3: To promote industry-institute collaborations for research & development.

1.2. State the Program Educational Objectives (PEOs) (5)

Total Marks : 5

Institute Marks: 5

Program Educational Objectives (PEOs)

PEO1: Excel in professional career by acquiring domain knowledge.
PEO2: Motivation to pursue higher Education & research by adopting technological innovations by continuous learning through professional bodies and clubs.
PEO3: To inculcate effective communication skills, team work, ethics and leadership qualities.

1.3. Indicate where the Vision, Mission and PEOs are published and disseminated among stakeholders (10)

Total Marks : 10

Institute Marks: 10

A. Dissemination details of Vision, Mission and PEOs

Table 1.3.1: Detail of dissemination of Vision, Mission and PEOs:

SL. NO	LOCATION	INSTITUTION		DEPARTMENT		
		Vision	Mission	Vision	Mission	PEOs
1.	Institute Website http://www.ksit.ac.in	✓	✓	✓	✓	✓
2.	Head Of Department Room	✓	✓	✓	✓	✓
3.	College Newsletter	✓	✓			
4.	IEEE Newsletter	✓	✓			
5.	Department Newsletter	✓	✓	✓	✓	✓
6.	Students Attendance Register	✓	✓			
7.	Department Seminar Hall	✓	✓	✓	✓	✓
8.	Class Rooms	✓	✓	✓	✓	✓
9.	Lab Manuals	✓	✓	✓	✓	✓
10.	Faculty Room	✓	✓	✓	✓	✓
11.	Laboratories	✓	✓	✓	✓	✓
12.	Course Files	✓	✓	✓	✓	✓

13.	Department Library	✓	✓	✓	✓	✓
14.	Department Notice board	✓	✓	✓	✓	✓
15.	ECE R&D Lab	✓	✓	✓	✓	✓
16.	Email communication			✓	✓	
17.	Blue Book	✓	✓			
18.	Lab Record	✓	✓			
19.	Event Brochure			✓	✓	
20.	Login Register			✓	✓	✓
21.	Assignment Book	✓	✓			

B. Process for dissemination of Vision, Mission and PEOs among stakeholders:

- Vision, Mission and PEOs are disseminated among all stakeholders through college website.
- They are disseminated among all internal stakeholders by displaying in Classrooms, Seminar hall, Noticeboards, Staff Room, ECE Research and Development lab, all Laboratories and Department library.
- They are also communicated among all stakeholders during Email communication.

C. Extent of awareness of Vision, Mission & PEOs among the stakeholder

Vision, Mission and PEOs are discussed among stake holders during Departmental meetings, Employer visits, Parents-Teachers meeting and Alumni meets.

List of stakeholders:

Internal stakeholders:

- Management
- Faculty and supporting staff
- Students

External stakeholders:

- Parents
- Alumni
- Employers /Industry
- Professional Bodies

1.4 State the process for defining the Vision and Mission of the Department, and PEOs of the program (25)

Total Marks : 25
Institute Marks: 25

A. Process to arrive at the Vision and Mission of the Department:**Step 1:**

- Strengths, Weakness, Opportunity and Challenges (SWOC) Analysis Report and Institute Vision and Mission were the basis to identify the key indicators for framing the Vision and Mission statements.
- This process attempted to understand aspirations of stakeholders and also look into some of the benchmark institutions in the system for arriving at the draft Vision and Mission.
- Alignment of Institute and Department Vision and Mission draft was ensured.

Step 2:

- Department Advisory Committee (DAC) reviews & recommends the draft of Department Vision and Mission by considering views and suggestions of various stake holders and ensures alignment with Institute Vision and Mission.

Step 3:

- The proposed Vision and Mission were placed before Program Advisory Committee (PAC) and Management for approval.

Step 4:

- Approved Vision and Mission of the Department were published.

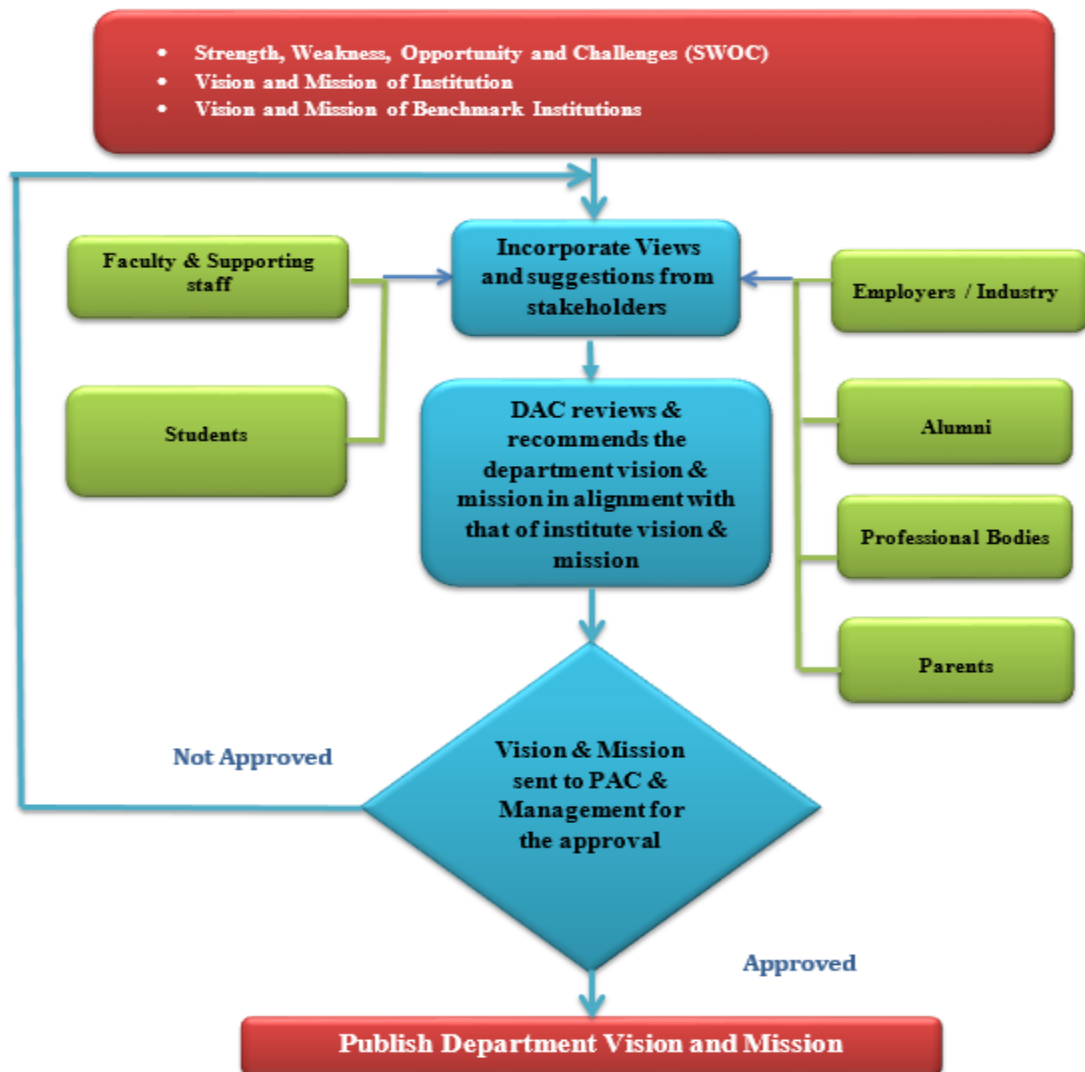


Figure 1.4.1-1: Process for defining Vision and Mission

B. Process for defining PEO's of the Department

Step 1:

- Vision and Mission of Department are taken as the basis to formulate and define PEOs.
- The curriculum for all the courses as given by the affiliating university, the outcomes for each course that is listed for the program and the Program Outcomes (POs) are taken into account to arrive at the draft copy of PEOs.

Step 2:

- Department Advisory Committee (DAC) prepares the draft PEOs by considering views and suggestions by various stake holders in terms of career, contribution to society, ethical practices and intellectual development.

Step 3:

- Finalized draft copy of PEOs were reviewed & approved by PAC and Published.

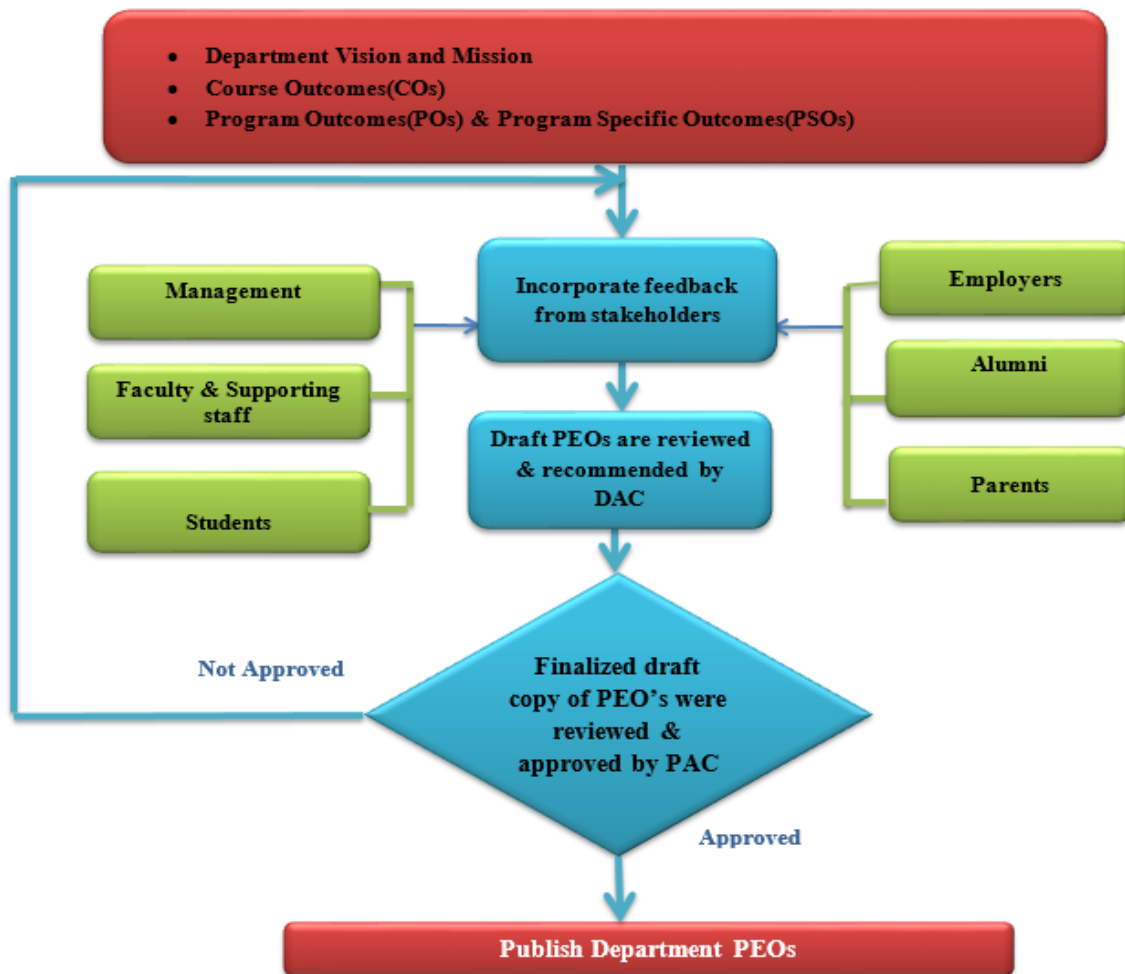


Figure 1.4.1-2: Process for defining PEOs

1.5 Establish consistency of PEOs with Mission of the Department (15)

Total Marks : 15

Institute Marks: 15

MISSION	M1	M2	M3
PEO Statements	To impart quality technical education with the relevant technologies to produce industry ready engineers with ethical values.	To enrich experiential learning through active involvement in professional clubs & societies.	To promote industry-institute collaborations for research & development.
PEO1: Excel in professional career by acquiring domain knowledge.	3	3	3
PEO2: Motivation to pursue higher Education & research by adopting technological innovations by continuous learning through professional bodies and clubs.	3	3	2
PEO3: To inculcate effective communication skills, team work, ethics and leadership qualities.	3	3	2

1: Slight(Low)

2: Moderate(Medium)

3: Substantial(High)

B. Consistency/justification of co-relation parameters of the above matrix

Table 1.5.1: Justification of correlation of Department Mission Statements with PEOs

PEO1 to Department Mission Justification	
PEO1: Excel in professional career by acquiring domain knowledge.	
PEO1-M1-3	Quality technical education provided in the relevant domain will ensure students to excel in professional career.

PEO1-M2-3	Professional clubs and societies will help graduates in enhancing domain knowledge.
PEO1-M3-3	Industry-Institute interaction will help graduates to excel in their technical domains.
PEO2 to Department Mission Justification	
PEO2: Motivation to pursue higher Education & research by adopting technological innovations by continuous learning through professional bodies and clubs.	
PEO2-M1-3	Knowledge gained in technological domains will motivate graduates to pursue higher education and research.
PEO2-M2-3	Active involvement in professional clubs and societies will motivate graduates to aim for higher accomplishment.
PEO2-M3-2	Industry- Institute interaction will motivate graduates to appreciate real life problems in their respective domains.
PEO3 to Department Mission Justification	
PEO3: To inculcate effective communication skills, team work, ethics and leadership qualities.	
PEO3-M1-3	Ethical values imbibed during the program will enable graduates to follow professional behavior.
PEO3-M2-3	Proactive involvement in professional clubs & societies will promote abilities to demonstrate effective communication skills, team work and leadership qualities.
PEO3-M3-2	Industry-Institute collaboration will help graduates to demonstrate their exposure to real life situations.

CRITERION 2	PROGRAM CURRICULUM & TEACHING-LEARNING PROCESSES	120
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Total Marks: 112

2.1. Program Curriculum (20):

Total Marks: 19

2.1.1: State the process used to identify extent of compliance of the University curriculum for attaining the Program Outcomes and Program Specific Outcomes as mentioned in Annexure I. Also mention the identified curricular gaps, if any (10)

Institute Marks: 10

A. Process used to identify extent of compliance of University curriculum for attaining POs and PSOs

K.S. Institute of Technology is affiliated to Visvesvaraya Technological University (VTU), Belagavi and hence curriculum provided by the University is followed for Electronics & Communication Engineering program. Before the beginning of every batch, faculty will go through the University curriculum, improvises the COs provided by the University and prepares CO-PO/PSO mapping for all the courses. The COs and their mapping are deposited in the department for future reference related to courses. Every year, course owners will go through their course related COs, CO-PO/PSO mapping and will improvise if felt necessary.

CO-PO/PSO mapping of all the courses are considered and the number of courses mapping to each PO (T) and the cumulative mapping strength of each PO/PSO (A) are found. The total number of core courses (N) offered for one complete batch is identified. The criterion for identifying curriculum gap is as follows: each PO needs to be addressed by at least 15% of the total courses (N) and its cumulative mapping strength (A) must be greater than or equal to $C = 3 \times 15\%$ of N. If either of these conditions is not satisfied, then there exists a curriculum gap in addressing that PO. Thus the curriculum gap is identified for POs/PSOs and is found using the formula % **Curriculum Gap G** = $[1-A/C] \times 100$. The department takes initiatives to bridge curriculum gap by conducting events like Workshops, Guest Lectures, Seminars, Industrial visits, Humanitarian activities etc.

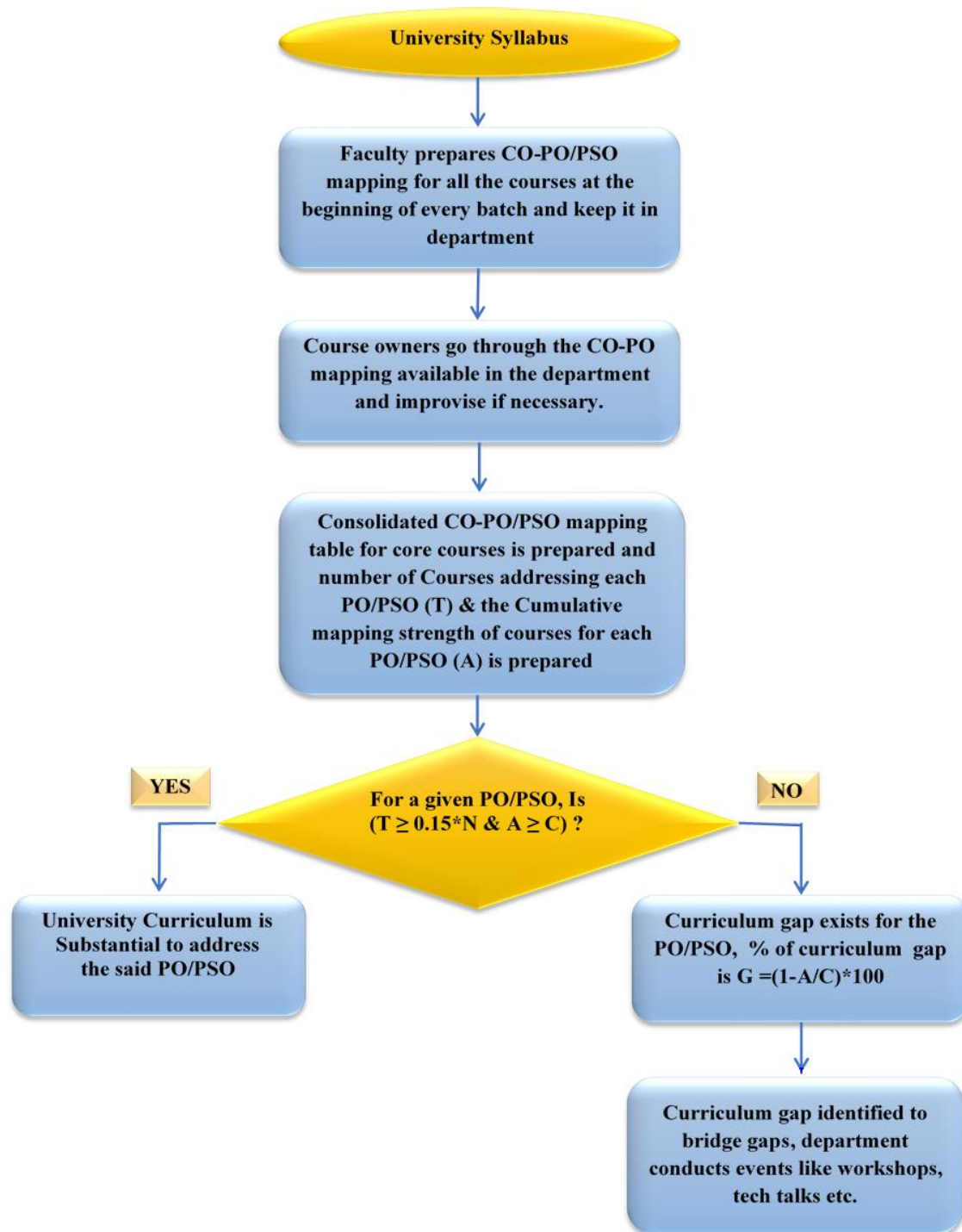


Figure 2.1.1-1: Process for Curriculum gap identification

Where N= Total number of core courses offered in the curriculum

C= 3*15% of N, where 3 is the maximum strength for mapping

Table 2.1.1-a : Mapping of courses to POs/PSOs for 2017-2021 batch

Sl. NO.	Course Code	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2
1	C101/17MAT11	3	2	1.3	-	-	-	-	-	-	-	-	-	1.6	-
2	C102/17CHE12	3	2	1	1	-	-	-	-	-	-	-	-	1	-
3	C103/17PCD13	3	2	1	1	-	-	-	-	1	1	-	-	-	-
4	C104/17CED14	2.2	2.8	2	-	3	-	-	-	-	-	-	-	-	1
5	C105/17ELN15	3	2	-	-	-	-	-	-	-	-	-	-	2.8	-
6	C106/17CPL16	2.8	2	1.4	1.4	-	-	-	-	1	1	-	1	-	-
7	C107/17CHEL17	3	1	1	-	-	-	-	-	-	-	-	-	1	-
8	C108/17MAT21	3	2.2	1.8	-	-	-	-	-	-	-	-	-	2.5	-
9	C109/17PHY22	3	2	1	1	-	-	-	-	1.2	1	-	-	2	-
10	C110/17CIV23	3	3	2	1.8	1	1	-	-	1	-	-	1	-	1
11	C111/17EME24	2.2	1.2	-	-	-	1	-	-	-	-	1	-	1	1
12	C112/17ELE25	3	2	-	-	-	1	-	-	-	-	-	-	2	1.6
13	C113/17WSL26	3	2	1	1	-	1	1	-	-	-	-	1	-	-
14	C114/17PHYL27	3	2	1	1	-	-	-	-	1.2	1	-	-	2	-
15	C201/17MAT31	3	2.2	1.8	1	-	-	-	-	-	-	-	-	1.6	-
16	C202/17EC32	3	2.2	1	-	-	-	-	-	-	-	-	-	2.8	2.2
17	C203/17EC33	3	2	1	-	-	-	-	-	-	-	-	-	3	3
18	C204/17EC34	2.6	2	-	-	-	-	-	-	-	-	-	-	3	1
19	C205/17EC35	3	2	-	1	-	-	-	-	-	-	-	-	3	1
20	C206/17EC36	3	2	1	-	-	-	-	-	-	-	-	-	3	1
21	C207/17ECL37	2	2	2	-	-	-	-	1	2	1	-	-	3	2.8
22	C208/17ECL38	3	3	2.8	-	1	-	-	-	2	1	-	-	3	3
23	C209/17CPH39	-	-	-	-	-	3	3	3	-	-	-	-	-	-
24	C210/17MAT41	3	1.8	1	-	-	-	-	-	-	-	-	-	1.2	-

25	C211/17EC4 2	3	2	-	-	-	-	-	-	-	-	-	-	2.6	1
26	C212/17EC4 3	3	2	1	-	-	-	-	-	-	-	-	-	3	2
27	C213/17EC4 4	2	2	-	-	-	-	-	-	-	-	-	-	2.6	1
28	C214/17EC4 5	3	2	1	-	-	-	-	-	-	-	-	-	3	2
29	C215/17EC4 6	3	2	1	-	-	-	-	-	-	-	-	-	3	2
30	C216/17ECL 47	3	3	-	2	1	-	-	-	2	1	-	1	3	2
31	C217/17ECL 48	3	3	-	2	1	-	-	-	1	1	-	1	3	2
32	C218/17CPH 49	-	-	-	-	-	2	-	-	-	2	-	-	-	-
33	C301/17ES5 1	-	-	-	-	-	2	-	2	2	2	2	-	-	-
34	C302/17EC5 2	3	2	-	-	-	-	-	1	-	-	-	-	3	2
35	C303/17EC5 3	2.8	1.8	-	-	-	-	-	-	-	-	-	1	2.8	2.2
36	C304/17EC5 4	3	2	-	-	-	-	-	-	-	-	-	-	3	1
37	C307/17ECL 57	3	2	1	-	3	-	-	1	2	2	-	-	3	3
38	C308/17ECL 58	3	2	2	-	2	-	-	-	2	1	-	-	3	3
39	C309/17EC6 1	3	2	1	-	-	-	-	-	-	-	-	-	3	2
40	C310/17EC6 2	3	3	-	-	-	-	-	-	-	-	-	-	3	2
41	C311/17EC6 3	3	2	1	-	-	-	-	-	-	-	-	-	3	2
42	C312/17EC6 4	3	2	1	-	1	-	-	-	2	1	-	-	3	2
43	C315/17ECL 67	2.2	2.8	1.8	1	2	-	-	-	2	2	-	-	3	2
44	C316/17ECL 68	2.8	1.8	1	-	1	-	-	-	2.8	1	-	-	2.8	2
45	C401/17EC7 1	3	2	1	-	1	-	-	-	2	1	-	-	3	-
46	C402/17EC7 2	2	2	-	-	-	-	-	-	-	-	-	-	3	1
47	C403/17EC7 3	3	1.8	2	-	-	1	-	-	-	-	-	-	3	2
48	C404/17EC7 44	3	2	-	1	-	-	-	-	-	1	-	-	3	2
49	C406/17ECL 76	2	2	2	1.6	-	-	1	2	2	-	-	3	3	
50	C407/17ECL 77	3	1.8	2	1.6	2	-	-	1	2	-	-	-	3	2.8
51	C408/17ECP 78	3	2	-	-	-	-	-	-	-	-	-	-	2	1
52	C409/17EC8	2	2	-	-	-	-	-	-	-	-	-	-	3	2

	1														
53	C410/17EC8 2	3	3	2	2	1	2	1	1	3	3	2	2	3	1.6
54	C412/17EC8 4	3	3	3	3	2.7	3	2	2	3	2.2	2.4	3	3	3
55	C413/17ECP 85	2	2	2	-	-	1	1	-	2	3	-	2	3	3
56	C414/17ECS 86	2	2	2	-	-	1	1	-	2	3	-	2	3	-
	SUM = A	14 9	11 2	53	24	23	19	10	14	41	32	7	18	127	72
	(Total no. of courses addressing each PO)= T	53	53	36	17	14	12	7	9	22	21	4	10	48	38
	GAP G=((24- A)/24)*100					4	21	58	42			71	25		

Where N= Total number of core courses offered in the curriculum

C= 3*15% of N , where 3 is the maximum strength for mapping

B. Consolidated list of identified curriculum gaps

2017-21	PO5	4
	PO6	21
	PO7	58
	PO8	42
	PO11	71
	PO12	25

2.1.2. State the delivery details of the content beyond the syllabus for the attainment of POs and PSOs (10)

Institute Marks: 09

A. Steps taken to get identified gaps included in the curriculum:

The Department faculty members participates in intimating the curriculum gaps to the university at regular intervals through letters as well as by attending the syllabus blowup workshops organized by the university.

Intimation of Curriculum Gap to the University

The Department faculty members participates in intimating the curriculum gaps to the university at regular intervals through letters as well as by attending the syllabus blowup workshops organized by the university.

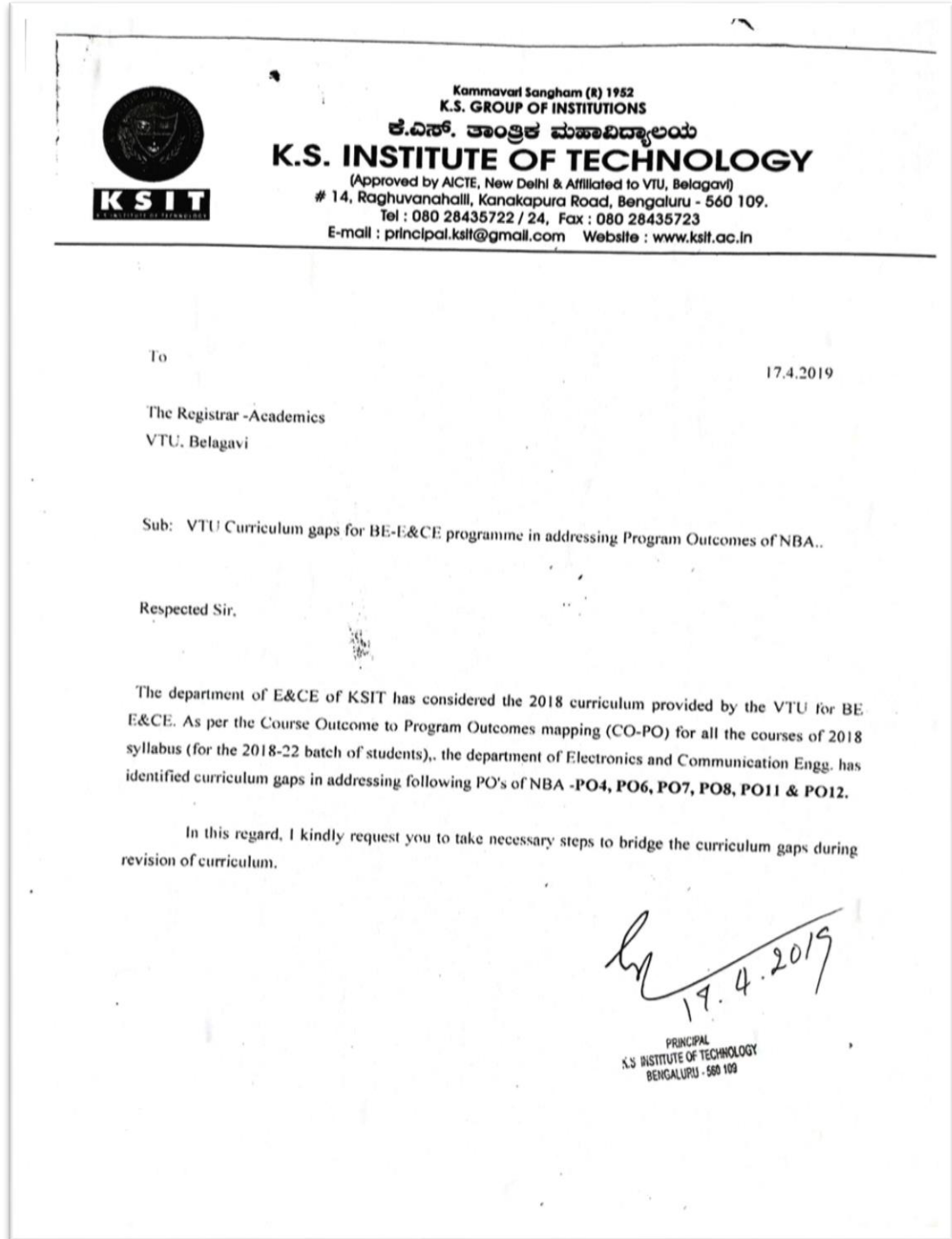


Figure 2.1.2-1: Curriculum gap intimation to the University

Table 2.1.2-a: Faculty participation in syllabus blowup workshops

SI No	Faculty giving feedback to University	Related to Course/scheme
1	Mr. Sampath Kumar S	Basic Electronics
2	Dr. Surekha B	Finalization of 5 th to 8 th Semester Scheme



Figure 2.1.2-2: Participation of faculty member in syllabus workshop organized by VTU

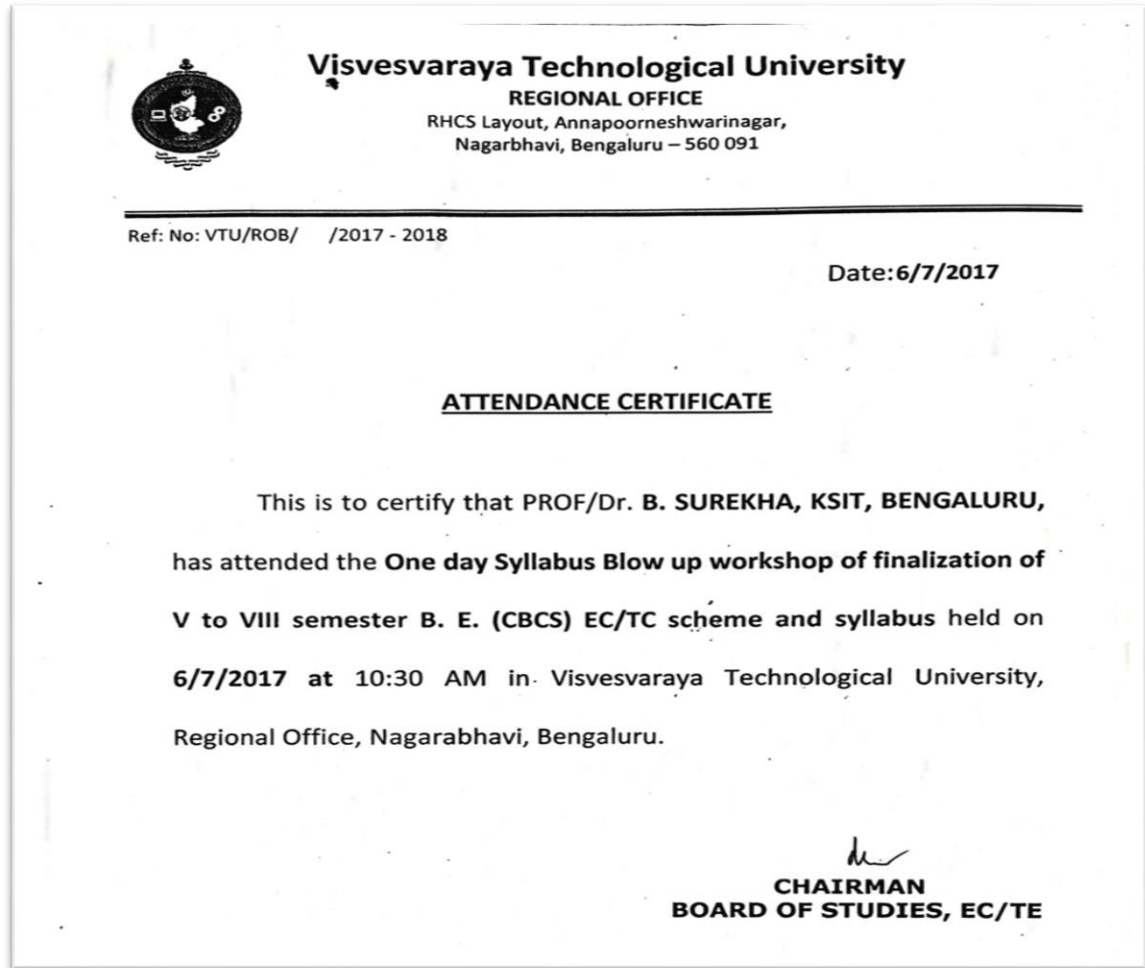


Figure 2.1.2-3: Participation of faculty member in syllabus blowup workshop organized by VTU

B. Delivery details of content beyond syllabus:

The Department takes initiatives to bridge the gaps identified in curriculum by conducting events. For example workshops like, “Two day workshop on IOT”, to enlighten students about latest happening in Electronics & Communication industry. Guest lectures are being organized from time to time to deliver lectures on latest trends and thrust areas of Electronics & Communication Engineering. Industrial visits to reputed industries like NAL-CSIR, Solar power plant, International exhibitions etc., are planned well in advance and are being organized every year. To make students industry ready, regular soft skill and aptitude training programs are conducted. The Department also provides platform for students to exhibit their ideas in the form of projects and paper presentation during project exhibition and national conferences. Also various humanitarian activities are organized and students are

motivated to participate in the same. Every year, KSIT NSS cell organizes NSS camps like Parivarthana in rural areas, Students along with faculty are encouraged to participate and get involved in various social activities.

C. Mapping of content beyond syllabus with the POs &PSOs:

Details of content beyond the syllabus for addressing curriculum gaps

Table B.2.1.2a Delivery details 2019-20

SL No.	Gap	Action taken	Date-Month-Year	Resource Person with designation	% of students	Relevance to POs, PSOs
1	PO7	Environmental Day	7th June, 2019.	KSIT IEEE STB	22	PO6,PO7,PO9
2	PO6	UTTUNGA 1	12th and 13th July, 2019	Government High School, Sarakki,JP Nagar	19	PO6,PO8,PO9
3	PO6	UTTUNGA 2	19th and 20th July, 2019	Government High School, Sarakki,JP Nagar	28	PO6,PO8,PO9
4	PO6	UTTUNGA 3	26th and 27th July, 2019	IEEE KSIT along with WIE affinity group and Health shotz conducted	34	PO6,PO8,PO9
5	PO6	UTTUNGA 4	3rd and 4th Aug 2019	IEEE KSIT along with WIE affinity group and Health shotz conducted	34	PO6,PO8,PO9
6	PO6	"SIDE EFFECTS OF MOBILE PHONE AND WIRELESS RADIATIONS"	10th-16th August 2019	The GarutAeromodeling Club and The IETE Students Forum (ISF	52	PO6,PO7,PO9
7	PO6	Networking & overview on Networking certification	23rd Aug 2019	Mr. Akhil Mohan, Flatform Operation Engineer, Akamai Technology.	100	PO1,PO5,PO6,P O8PO11
8	PO9	Guest Lecture on Microwave Antennas :Advances and Applications	31st Aug 2019	Dr.ChaitanyaKumarM.V,PrincipalP ESIT&M.Shimoga	85	PO1,PO2,PO9,P o11

9	PO7	Social media Networking Impacts on College Students	25th Sep 2019	Dr. Hamsaveni, BHMS doctor,	50	PO7,PO8,PO10, PO12
10	PO12	Entrepreneur's life and career opportunity	27th Sep 2019	Mr.Gurusharan	72	PO1,PO5,PO6,PO8, PO12
11	PO12	INNOVACE EEA 3.0	29th Sep 2019	Dr.K.V.ABalaji CEO, K.S. Group of Institutions	100	PO5,PO8,PO10, PO12
12	PO5	APP Development Programme	28th -29th Sep 2019	V sem CSE Students	16	PO1,PO5,PO9,PO11
13	PO6	IDEATHON Contest	1st Oct 2019	Dr. Joy Phabhakaran, Dr. Ram P Rustagi, Key resource persons, KSIT.	100	PO1,PO5,PO6,PO11
14	PO11	MINI PROJECT EXHIBITION	1ST Oct 2019	Dr. Sasindhran M Prabhu	100	PO11,PO10,PO9
15	PO5	A 2 days workshop on Image & Video Processing using Raspberry Pi	1st-2nd October 2019	Mr. Sagar HB, Application Engineer, Telos Technologies. Mr. Mahesh.B.S, Application Engineer, RS Components, Bangalore	43	PO3,PO5,PO6,PO11
16	PO7	Industrial Vist to iCAT Media & Design	3rd Oct 2019	iCAT Media & Design for 7th Sem Students	100	PO3,PO5,PO6, PO11
17	PO5	Workshop on Simulation Using NI	10th Oct 2019	Dr. Ravi Kumar Associate Professor,SJBIT Mr. Bhaskar, Asst. Professor, SJBIT	14	PO3,PO5,PO6, PO11
18	PO6	Technical Talk on Evolution of NANO Satellites	14th Oct 2019	Prof. K. Krishnaswamy , Project Director, NIU SAT	62	PO3,PO5,PO6,PO11
19	PO6	KSIT IIC Innovation Day	15th Oct 2019	Dr.K.V.ABalaji CEO, K.S. Group of Institutions	94	PO3,PO5,PO6,PO11
20	PO7	NAL Industrial Visit	31st Oct 2019	Mr. Somanarayanof NAL-CSIR	100	PO6,PO9,PO11
21	PO5	One-day workshop on "Arduino"	31st Oct 2019	Mr. Saleem S Tevaramani and Ms.Shwetha	32	PO3PO5,PO6,PO11

22	PO6	Guest Lecture on Advances in Electronics and Communication engg	8th Nov 2019	Dr.Gayathri K.M	93	PO1,PO5,PO6,P O11
23	PO6	Panel Discussion On Career Trends And Skills For Success In Business Intelligence And Trade Compliance”	14th Nov 2019	Mr. Dave Thakkar Mr. Brad Haney, Mr. AnkitBera	88	PO1,PO5,PO6,P O11
24	PO12	Constitution Day	26th Nov 2019	MsAnuradha	88	PO1,PO5,PO6,P O12
25	PO6	TECH TALK 5G COMMUNICATIONS	30th January, 2020.	Mr. ManivannanAru, Managing Director, Kirusa India Pvt Ltd,	40	PO1,PO6,PO12
26	PO12	“ML and it’s applications”	31st January, 2020	Mr. Subramanian C, of Intel crop.	46	PO1,PO6,PO12
27	PO9	International Womens Day Celebration	9 th March 20120	Mrs.KumudhiniRavindra, the vice-chair of WIE IEEE Bangalore section,	93	PO7,PO8,PO9
28	PO12	Online quiz onthe novel coronavirus	23rd March, 2020	IEEE STB ExecomMemebers	27	PO6,PO10,PO1 2
29	PO12	Workshop on adobe illustrator and adobe xd	19 th -20 th April , 2020	KetanKeshav	43	PO9,PO10, PO11, PO12
30	PO12	Webinar on how to launch your own startup	21st June, 2020	Mr.Raghav Naidu G is the CEO of G-MART and co-founder of Health Shotz	26	PO5,PO6,PO9 PO11, PO12
31	PO5	Introduction to matlab and simulinx products	22 nd -23 rd June, 2020	CoreEL Technologies	33	PO1,PO2.PO3,P O5,PO6, PO11, PO12

Table B.2.1.2b Delivery details 2018-19

SL No.	Gap	Action taken	Date-Month-Year	Resource Person with designation	% of students	Relevance to POs, PSOs
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1	PO 11	Project Exhibition (124 Students)	13th May 2019	Mr. Shrinivasan CEO, Tiny chip Embedded solution, Bengaluru Mr. Ganeshan, CEO, Viswajothi Technologies Private Limited, Bengaluru	100	PO1,PO2,PO3,PO4,PO6,PO7,PO10,PO11,PO12
2	PO6	International Girls Day (155 Students)	25th April 2019	Dr.Hemalatha	65	PO6,PO9,PO12
3	PO7	Industrial visit to NAL-CSIR (58 students)	22nd Mar 2019	Mr. Somanarayanan, In-charge, Visits, KTMD, NAL Bengaluru	86	PO1, PO7,PO9, PO12
4	PO8	International woman's Day Celebration (250 students)	8th Mar 2019	Mrs.C. SaraswathiNagarajan System Engineering Consultant, UG AcademyMs. PurnimaNambiar Founder & CEO of Trintab Intervention	40	PO7, PO8, PO9
5	PO7	Industrial Visit to NAL(6th Sem)(116 students)	7th Mar 2019	Mr. Somanarayanan, In-charge, Visits, KTMD, NAL Bengaluru	86	PO1, PO7,PO9, PO12
6	PO7	5K Marathon (210 registered students)	1st Mar 2019	Mr. D.Rukmangnda ,HonourableTraesure KS Groups	95	PO8, PO7, PO9
7	PO6	Talk on Path Finder-NRI(134 students)	27th Feb 2019	Mr. Gurusharn B.S MD, Pathfinder.,Bangalore	93	PO6,PO12
8	PO7	Industrial Visit to Mrudani Power Controls(4th Sem)(58 students)	23rd Feb 2019	Mrudani Power Controller, Bengaluru	90	PO1, PO7,PO9, PO12
9	PO 11	Microsoft certification Courses(116 students)	22nd Feb 2019	T.P.Shrinivas	86	PO5,PO9,PO11, PO12
10	PO 11	Technical Seminar on "Artificial Intelligence and Machine Learning- Industry Trends"(134 students)	20th Feb 2019	Mr,Abhilash,Manu AI Automation Lead for Products- Industry Innovation Hub , ACCENTURE	90	PO5,PO11,PO12

11	PO11	Two Days Workshop on Mat lab Signal Processing Applications(116 students)	19th-20th Nov 2018	Mr. Pramod Kumar Naik, Senior Application Engineer , CoreEL Technologies, Bengaluru,	86	PO1, PO2,PO5, PO9, PO12
12	PO6	Technical Talk on Microwave Amplifiers and Its Research Issues(130 students)	2nd Nov 2018	Dr.B.T.VenkateshMurthy,Assistant Professor,ECEDept,SITTumkur	92	PO5,PO6,PO12
13	PO11	Guest Lecture on Machine learning and deep learning applications(116 students)	5th Oct 2018	Mr. Pramod Kumar Naik, Senior Application Engineer , CoreEL Technologies, Bengaluru,	86	PO10,PO11,PO12
14	PO11	Inter – Collegiate Poster Presentation (women as leader, Innovator) (60 students)	3rd Oct 2018	Dr. FathimaJabeen	83	PO9,PO10,PO11
15	PO11	Inter – Collegiate Mini Project Exhibition(50 students)	3rd Oct 2018	Dr. M J Shanti Prasad	86	PO9,PO10,PO11
16	PO6	Industrial visit to NAL(63 students)	28th Sep 2018	Mr. A Somanarayanan, In-charge, Visits, KTMD, NAL Bengaluru	95	PO1, PO6,PO9, PO12
17	PO7	Industrial visit to NAL(64 students)	26th Sep 2018	Mr. A Somanarayanan, In-charge, Visits, KTMD, NAL Bengaluru	94	PO1, PO7,PO9, PO12
18	PO8	Self-defense demonstration for girls(125 students)	3rd Sep 2018	Dr. Rithesh Reddy and team	80	PO8,PO9, PO10, PO11, PO12
19	PO6	Talk on “Nurture the Future-Empower the Adolescent Girls” (150 Students)	3rd Sep 2018	Dr. HemavathiSrinivasan, MBBS, DNB(OBG)	67	PO5,PO6,PO12

20	PO11	Quad copter Workshop(60 students)	01st & 02nd Sep 18	Mr. Shankarsan, resource person from Skyfi Labs	83	PO1, PO2,PO5, PO9,PO11, PO12
21	PO7	Programming and logical skills(40 students)	21st Aug 2018 to 19th Sep 2018	Dr. Joy Prabhakaran	75	PO5, PO6,PO7, PO9,PO10,PO11, PO12
22	PO7	AASARE fund raising for flood effected(112)	21st Aug 2018	Fund Raising For Floods In Coorg And Kerala	89	PO87, PO8, PO9
23	PO6	ARTF (Almost Ready to Fly) (127 students)	18th Aug 2018	Smt. Saraswathi, Deputy General Manager (ret.), Aircraft Design Division, HAL	94	PO6,PO7, PO9,PO10,PO11
24	PO6	Induction program(110 students)	11th Aug 2018	Dr. P N Sudha, HOD	100	PO1,PO2 PO3,PO4,PO6,PO9
25	PO8	Motivational Talk(130 students)	3rd Aug 2018	COL. AnshuTrivedi	92	PO5,PO8,PO12
26	PO8	Humanitarian Event (50 students)	22nd Jul 2018	Karnataka AnathaMakkalaAbhivrudhiSamasthe"BSK 3 stage ,Bengaluru	00	PO7, PO8, PO9

Table B.2.1.2c Delivery details 2017-18

S L N o.	Gap	Action taken	Date-Month-Year	Resource Person with designation	% of students	Relevance to POs, PSOs
1	PO8	IEEE Valedictory Function (60 students)	7th May 2018	Shrikanth S Tangade , IEEE Bangalore Section ,Co-Chair (SAC) and Branch Counselor, REVA University, Bangalore	100	PO8,PO9,PO10, PO12
2	PO11	Project Exhibition (131 students)	10th May 2018	Mr.GaneshanViswanathan ,ViswaJyothi Technologies PvtLtd.Bangalore.	92	PO1,PO2,PO3, PO4,PO5,PO9, PO10,PO11,PO12
3	PO11	InnovacEEEa 2.0 (105 registered students)	24th Mar 2018	IEEE KSIT Student Barnch	95	PO1,PO5, PO9,PO11
4	PO11	A Guest lecture on "Robotics and Artificial Intelligence"	9th Mar 2018	Dr.TC Manjunath,DSCE,Bengaluru	73	PO5,PO9, PO10,PO11,PO12

		(124 students)				
5	PO8	International Womens Day Celebration(180 students)	8th Mar 2018	Ms.SumaKrishnaswamy	56	PO8,PO9,PO12
6	PO6	Visit to Government School(60 students)	23rd Feb 2018	Vani Vilas Girls School , Kalasipalya , Bangalore and Kadapaswamymatta Government high school, Bangalore	83	PO6,PO8,PO9, PO10,PO12
7	PO11	A Two days' workshop on "Embedded Systems with MSP430"(61 students)	17th-18th Feb 2018	Mr.SanjayJyothi Technologies Bengaluru	36	PO1, PO2,PO5, PO9, PO11,PO12
8	PO7	Talk on GSM(131 students)	7th Feb 2018	Mr. C.K.Prem Kumar, M.E. Chief Business co-coordinator and Mentor, Ulta Cube private limited	76	PO5,PO7,PO12
9	PO6	Visit to DESIRE Society(60 students)	20th Jan 2018	Desire society Kothanurinne, Jpnagar, Bangalore	33	PO6,PO8,PO9, PO12
10	PO11	Technical Talk on Python and Industrial Applications of Python (125 students)	10th Oct 2017	Mr. Palani ,LIVE WIRE organization,Bengaluru	96	PO5,PPO11,O12
11	PO11	Mini Project Exhibition .(60 students)	4th Oct 2017	ShriRangaRaju, Professor,Electronics and communication Department. BIT, Bengaluru	83	PO1,PO2,PO3, PO5,PO9, PO10,PO11, PO12

12	PO11	IEEE Day Celebrations(70 students)	26th Sep 2017	Y V S Lakshmi , IEEE Bangalore Section Treasurer(2017)	71	PO9, PO10,PO11
13	PO11	Guest Lecture on FT and its application(16 students)	26th Sep 2017	DrChaitanya Kumar Principal,HKBK college of Engineering , Bengaluru..	72	PO5,PO9, PO10,PO11,PO12
14	PO11	Technon trends in IOT(115 students)	16th Sep 2017	Dr. VishwasLakkundi , Principal architect ,IncedoInc, Bengaluru	87	PO5,PO9, PO10,PO11,PO12
15	PO11	Two Day workshop on IOT(18 students)	1st and 2nd September 2017	Skyfi Labs, Bengaluru	83	PO1, PO2,PO5, PO9, PO11,PO12
16	PO11	Internship on 3D printing(40 students)	27th August 2017	Student Presenting a topic assigned to them	75	PO1, PO2,PO5, PO9, PO11,PO12
17	PO6	Talk on Women's Safety and self Defense(70 students)	23rd August 2017	Dr. HemavathiSrinivasan	71	PO6,PO12
18	PO11	Technical Talk on IOT and its Applications(45 students)	12th Aug 2017	MR.Bhimsec G.V CEO of KNOWX innovations PIV. LTD.	67	PO5,PO11,PO12

Improvement in the strength after content beyond syllabus events for 2017- 2021 Batch

SL. No.	Name of the Event	Date	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	Impact Analysis	No. of Students	PO's Mapped New (As per Delivery Details)	Year Conducted
1	Talk on Womens Safety and self Defence	23rd August 2017	1	1			1				1		1	1	1	1	To follow the methods by women/students to safe guard themselves from different discomfort situations.	50	PO1, PO2, PO5, PO9, PO11, PO12	2017-18
2	International Womens Day Celebration	8th Mar 2018								1	1			1	1	1	To motivate and promote women in Engineering	100	PO8, PO9, PO12	2017-18
3	InnovacEE Ea 2.0	24th Mar 2018	1				1				1		1		1	1	To identify the talents of students in events like technical and nontechnical like quize, Dilip Photography contest.	60	PO1, PO5, PO9, PO11	2017-18
SL. No.	Name of the Event	Date	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PS O2	Impact Analysis	No. of Students	PO's Mapped New (As per Delivery Details)	Year Conducted

4	Motivational Talk	3rd Aug 2018					1			1				1	1	1	To motivate the students to know about aeromodeling	120	PO5,PO8, ,PO12	2018-19
5	APP Development Programme	28th - 29th Sep 2019	2				2				2		2		2	2	To provide essential skills and experiences to the students in developing applications on mobile platform.	16	PO1,PO5,PO9,PO11	2019-20
6	A 2 days workshop on Image & Video Processing using Raspberry Pi	1st-2nd October 2019			2		2	2					2		2	2	To expose the Students to Python Language	50	PO3,PO5,PO6,PO11	2019-20
7	One-day workshop on "Arduino"	31st Oct 2019			1		1	1					1		1	1	To expose participants to new avenues of Arduino	61	PO3PO5,PO6,PO11	2019-20
SL. No.	Name of the Event	Date	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PS O2	Impact Analysis	No. of Students	PO's Mapped New (As per Delivery Details)	Year Conducted
8	Networking & overview on Networking certification	23rd Aug 2019	1				1	1		1			1		1	1	Networking & overview on Networking certification	60	PO1,PO5,PO6,PO8PO11	2019-20

9	Entrepreneur's life and career opportunity	27th Sep 2019	1				1	1		1				1	1	1	to the students in developing applications on mobile platform.	78	PO1,PO5,PO6,PO8,PO12	2019-20
10	Technical Talk on Evolution of NANO Satellites	14th Oct 2019			1		1	1					1		1	1	To give more information about cube satellites, IOT satellites.	69	PO3,PO5,PO6,PO11	2019-20
SL. No.	Name of the Event	Date	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	Impact Analysis	No. of Students	PO's Mapped New (As per Delivery Details)	Year Conducted

11	Webinar on “Design of Antennas using Simulation Tools”	18th Dec 2020					1				1	1	1		1	1	<ul style="list-style-type: none"> • To analyse various performance parameters necessary for building an antenna • To recommend various antenna technologies and tools for various applications • To understand the fundamentals of Antenna Simulation tools. 	77	PO11, PO10, PO9, PO5	2020-21
12	Exploring Data Science	4th July 2020					1								1	1	To provide an introduction to Data Science	28	PO5	2020-21
SL. No.	Name of the Event	Date	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PS O2	Impact Analysis	No. of Students	PO's Mapped New (As per Delivery Details)	Year Conducted
13	Introduction to ml and full stack development	8th July, 2020.					1				1	1	1		1	1	Insight about Machine learning and Full stack development.	59	PO11, PO10, PO9, PO5	2020-21

14	Video contest	3rd August, 2020						1		1	1				1	1	The participants were allowed to send videos of 1-2 minute length and use hashtags such as #ieeee #ieeeksit #videocontest while sharing the videos. The participants sent in their videos filled with all the moments they cherished at KSIT.	12	PO6,PO8,PO9	2020-21
SL. No.	Name of the Event	Date	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	Impact Analysis	No. of Students	PO's Mapped New (As per Delivery Details)	Year Conducted
15	Quiz on account of latest trending technologies	8th September, 2020.									1				1	1	Quiz on account of latest trending technologies	100	PO9	2020-21

16	Webinar on “Shortrange Wireless Communication”	14th September 2020								1	1	1	1	1	1	<ul style="list-style-type: none"> • To expose the students to the emerging area of Wireless Communication. • To provide the students and faculty an opportunity to meet the experts working in Communication systems. 	98	PO12,PO11, PO10,PO9	2020-21
17	Ideathon	15th October, 2020.					1	1				1	1	1	1	Students came up with new innovations to solve real world problems. They proposed simpler ways to improve our daily lives as well	8 batches	PO5,PO6PO11,PO12	2020-21
19	Talk on getting started with equations in ms powerpoint	28th October, 2020						1		1				1	1	Equations In Ms PowerPoint	50	PO9,PO7, PO12	2020-21

SL. No.	Name of the Event	Date	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	Impact Analysis	No. of Students	PO's Mapped New (As per Delivery Details)	Year Conducted
20	Webinar on on “Design of Antennas using Simulation Tools”	18th Dec 2020					1				1	1	1		1	1	<ul style="list-style-type: none"> • To analyze various performance parameters necessary for building an antenna • To recommend various antenna technologies and tools for various applications • To understand the fundamentals of Antenna Simulation tools. 	77	PO11, PO10, PO9, PO5	2020-21
21	Project		1	1	1	1	1	1	1	1	1	1	1	1	1	1	To encourage the students to carryout projects	77	All POs	2020-21
Strength obtained due to events			7	2	5	1	17	9	2	6	13	5	15	7	22	22				
Strength obtained due to mapping			149	112	53	24	23	19	10	14	41	32	7	18	127	72				
Summation of strength (S)			156	114	58	25	40	28	12	20	54	37	22	25	149	94				

Improvement in PO strength after content beyond syllabus events

% Gap obtained due to Course mapping		Strength due to the course mapping(C)	Strength due to Events (E)	Summation of the strength due to Course & Events (C+ E)	Existing Gap after Summation (<24)
PO5	4	23	17	40	
PO6	21	19	9	28	
PO7	58	10	2	12	PO7
PO8	42	14	6	20	PO8
PO11	71	7	15	22	PO11
PO12	25	18	7	25	

2.2. Teaching - Learning Processes (100)

Total Marks: 93

2.2.1. Describe Processes followed to improve quality of Teaching & Learning (25)

Institute Marks: 25

A. Adherence to Academic calendar

The institutional academic calendar which is a derivative of the university academic calendar that is sent to every institution will be prepared at the beginning of every semester, highlighting CIE Dates, Cultural & sports events and all other activities that is common to the institution. Institutional calendar of events is sent to all the departments to draw up the Departmental Academic calendar that reflects the departmental activities like Guest Lectures, Workshops, Industrial Visits, and so on.

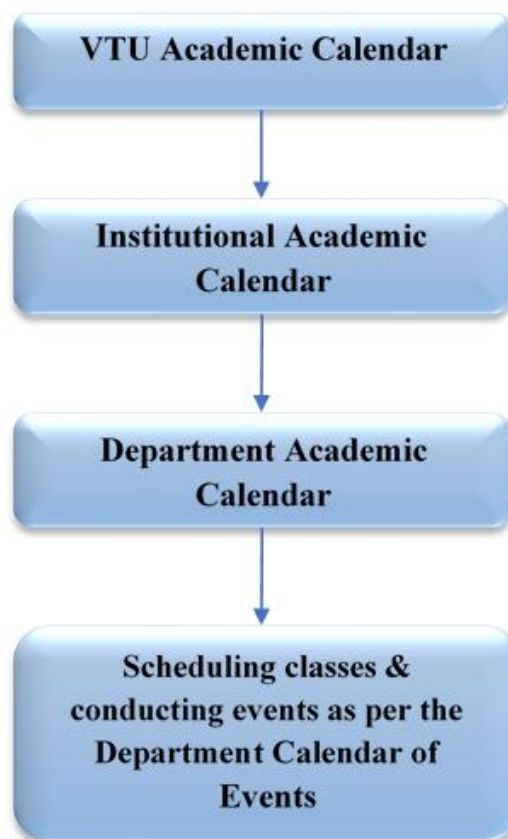


Figure 2.2.1-1: Process for Academic Calendar

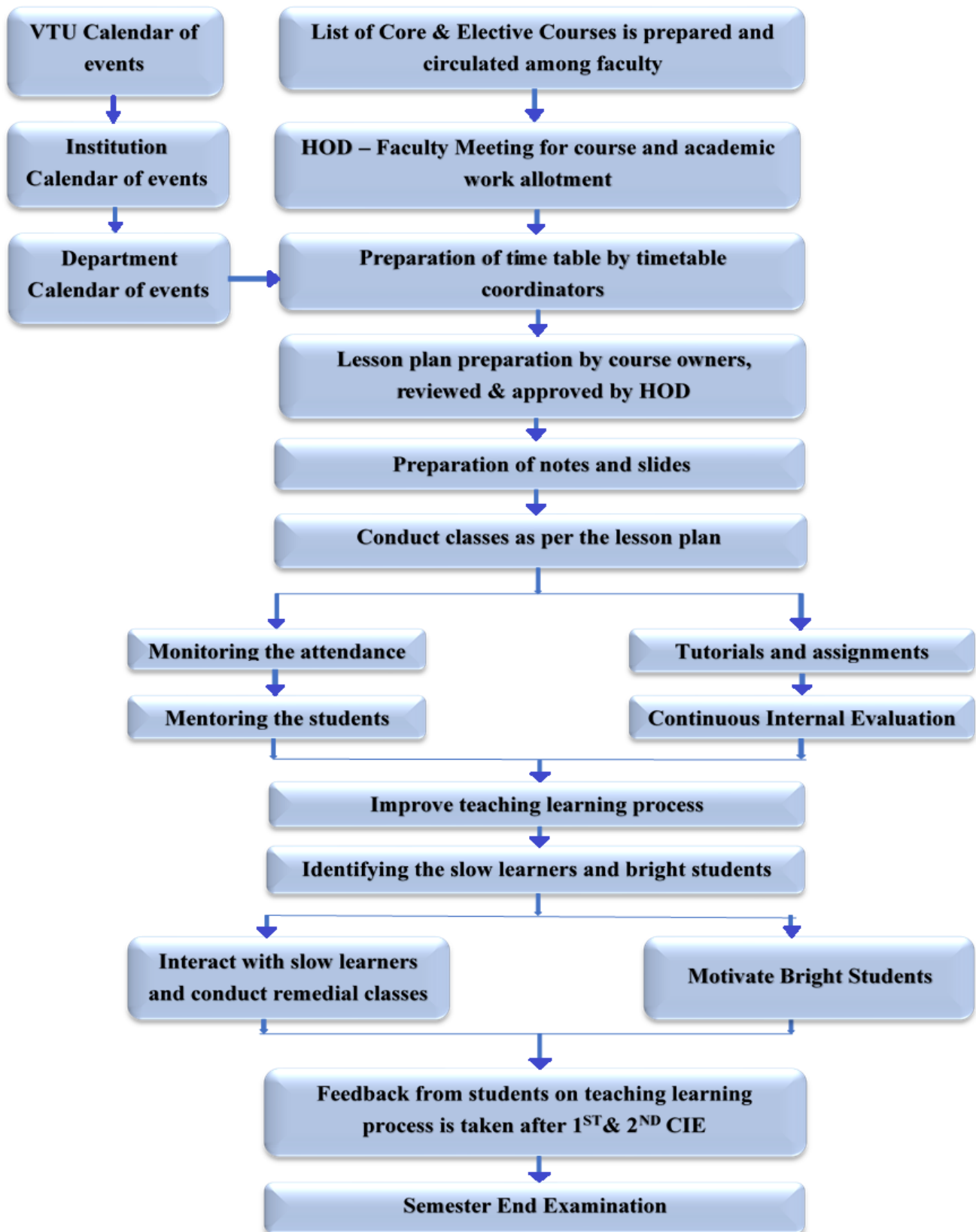
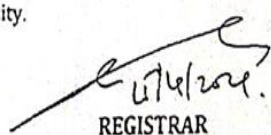



Figure 2.2.1-2: Process for Adherence to Calendar of Events

University calendar of events [2020-2021 EVEN]:


EVENTS	Semesters					
	IV semester B.E./B.Tech.	IV semester B.Arch./ B.Plan.	VI semester B.E./B.Tech.	VI semester B.Plan./B.Arch	VIII semester B.E./B.Tech.	VII semester B.Plan./B.Arch.
Commencement of EVEN Semester	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021	19.04.2021
Last Working day of EVEN Semester	07.08.2021	07.08.2021	07.08.2021	07.08.2021	20.07.2021	20.07.2021
Practical Examinations	09.08.2021	09.08.2021	09.08.2021	---	---	---
	To 19.08.2021	To 19.08.2021	To 19.08.2021	---	---	---
Theory Examinations	23.08.2021	23.08.2021	23.08.2021	10.08.2021	#22.07.2021	#22.07.2021
	To 09.09.2021	To 09.09.2021	To 09.09.2021	To 31.08.2021	To 30.07.2021	To 30.07.2021
Internship	---	---	---	---	---	---
Internship Viva-Voce	---	---	---	---	02.08.2021 To 06.08.2021	---
Professional training / Organization study	---	---	---	---	---	---
Commencement of ODD Semester	13.09.2021	13.09.2021	13.09.2021	13.09.2021	---	09.08.2021 (IX sem Arch)

- The classroom sessions for even the semester should commence from the dates mentioned above. The classroom sessions for all the semesters would be in Offline /Online/blended mode until further orders.
- The Institute needs to function for six days a week with additional hours (Saturday is a full working day). #if required the college can plan to have extra classes even on Sundays also.
- If any of the above dates are declared to be a holiday then the corresponding event will come into effect on the next working day.
- Notification regarding the Calendar of Events relating to the conduct of University Examinations will be issued by the Registrar (Evaluation) from time to time.
- The faculty/staff shall be available to undertake any work assigned by the University.
- Academic Calendar may be modified based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- Revised Academic Calendar is also applicable for Autonomous Colleges. In case if any changes are to be affected by Autonomous Colleges in the academic terms and examination schedule, they could do so with the approval of the University.


 REGISTRAR


College calendar of events [2020-2021 EVEN]:

Week No.	Month	Day						Days	Activities
		Mon	Tue	Wed	Thu	Fri	Sat		
1	APR	19 *	20	21	22	23	24	6	19* Commencement of Higher Semester 24 Wednesday Time Table
2	APR/MAY	26	27	28	29	30	1H	5	1 May Day
3	MAY	3	4	5	6	7	8	6	8 Monday Time Table
4	MAY	10	11	12	13H	14H	15DH	3	13 Idul Fitr 14 Basava Jayanti
5	MAY	17	18	19	20	21	22TA	6	22 Tuesday Time Table
6	MAY	24 T1	25T1	26T1	27	28	29DH	5	
7	MAY/JUN	31	1	2	3	4	5ASD	6	5 Wednesday Time Table
8	JUN	7	8	9	10	11	12DH	5	
9	JUN	14	15	16	17	18	19	6	19 Monday Time Table
10	JUN	21	22	23	24	25TA	26DH	5	
11	JUN/JUL	28 T2	29T2	30T2	1	2	3	6	3 Thursday time Table
12	JUL	5	6	7	8	9ASD	10DH	5	
13	JUL	12	13	14	15	16	17	6	17 Tuesday Time Table
14	JUL	19 T3(VIII)	20 * T3(VIII)	21H	22	23	24DH	4	20 *VIII Sem Last working day 21 Bakrid / Eid al Adha
15	JUL	26	27	28TA	29	30	31	6	
16	AUG	2	3	4	5 T3	6 T3	7*T3	6	7 Wednesday Time Table
17	AUG	9	10LT	11LT	12LT	13LT	14LT	6	14* IV & VI Last working day
Total No of Working Days : 92									
Total Number of working days (Excluding holidays and Tests)=79									
H	Holiday								
T1,T2, T3	Tests 1,2, 3								
ASD	Attendance & Sessional Display								
DH	Declared Holiday								
LT	Lab Test								
TA	Test attendance								
	Monday	16							
	Tuesday	16							
	Wednesday	16							
	Thursday	16							
	Friday	15							
	Total	79							



PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.

Department calendar of events [2020-2021 EVEN]:

Week No.	Month	Day						Days	Activities	Department Activities Tentative Dates
		Mon	Tue	Wed	Thu	Fri	Sat			
1	APR	19*	20	21	22	23	24	6	19*-Commencement of Higher Semester 24 Wednesday Time Table	
2	APR/MAY	26	27	28	29	30	1H	5	1 May Day	
3	MAY	3	4	5	6	7	8	6	8 Monday Time Table	3rd - 8th May AICTE - ISTE Induction / Refresher programme (FDP)
4	MAY	10	11	12	13H	14H	15DH	3	13 Idul Fitr 14 Basava Jayanti	
5	MAY	17	18	19	20	21	22TA	6	22 Tuesday Time Table	
6	MAY	24 T1	25T1	26T1	27	28	29DH	5		24th - 29th May AICTE - ISTE Induction / Refresher programme (FDP)
7	MAY/JUN	31	1	2	3	4	5ASD	6	5 Wednesday Time Table	5th June IEEE KSIT SB Digital Signal Processing Applications using MATLAB
8	JUN	7	8	9	10	11	12DH	5		11th June IETE Webinar, 11th June IEEE Power of Positive Thoughts Webinar
9	JUN	14	15	16	17	18	19	6	19 Monday Time Table	14th June Internet Communication and Networking Webinar 15th June IEEE KSIT SB CREAT WIE TI Inter college Art Competition
10	JUN	21	22	23	24	25TA	26DH	5		
11	JUN/JUL	28 T2	29T2	30T2	1	2	3	6	3 Thursday time Table	2nd July IETE Webinar
12	JUL	5	6	7	8	9ASD	10DH	5		
13	JUL	12	13	14	15	16	17	6	17 Tuesday Time Table	14th July ASH in association with IEEE-WIE Webinar
14	JUL	19 T3(VIII)	20* T3(VIII)	21H	22	23	24DH	4	20*VIII Sem Last working day 21 Bakrid / Eid al Adha	19th July IEEE KSIT SB FOCUS FLOW Webinar
15	JUL	26	27	28TA	29	30	31	6		29,30,31 Practice Lab
16	AUG	2	3	4	5 T3	6 T3	7*T3	6	7 Wednesday Time Table	2,3,4 Practice Lab
17	AUG	9	10LT	11LT	12LT	13LT	14LT	6	14* IV & VI Last working day	10,11,12,13,14, 1st & 2nd Lab Internals
Total No of Working Days : 92										
Total Number of working days (Excluding holidays and Tests)=79										

H	Holiday
T1,T2, T3	Tests 1,2, 3
ASD	Attendance & Sessional
DH	Declared Holiday
LT	Lab Test
TA	Test attendance

Monday	16
Tuesday	16
Wednesday	16
Thursday	16
Friday	15
Total	79





K. S. INSTITUTE OF TECHNOLOGY
#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-5600109

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

Effective compliance of academic calendar [2020-2021 EVEN SEMESTER]

SESSION: April 2021 – Aug 2021

Sl.No.	Activity	Dates	Complied/ Not Complied
1	AICTE - ISTE Induction / Refresher program (FDP)	3 rd - 8 th May 2021	Yes
2	AICTE - ISTE Induction / Refresher program (FDP)	24 th - 29 th May 2021	Yes
3	I CIE Schedule	24 th - 26 th May 2021	Yes
4	IEEE KSIT SB Workshop on Digital Signal Processing Applications using MATLAB	5 th June 2021	Conducted on 5 th July 2021
5	IETE Webinar	11 th June 2021	Yes
6	IEEE Power of Positive Thoughts Webinar	11 th June 2021	Yes
7	Internet Communication and Networking Webinar	14 th June 2021	Yes
8	IEEE KSIT SB CREAT WIE TI Inter college Art Competition	15 th June 2021	Yes
9	II CIE Schedule	28 th -30 th June 2021	Yes
10	IETE Webinar	2 nd July 2021	Conducted on 12 th June 2021
11	IASH in association with IEEE-WIE Webinar	14 th July 2021	Yes
12	IEEE KSIT SB FOCUS FLOW Webinar	19 th July 2021	Conducted on 19 th June 2021
13	III CIE Schedule	5 th -7 th Aug 2021	Yes
14	Lab Test	10 th -14 th Aug 2021	Yes
15	Last Working Day	14 th Aug 2021 (IV & VI Semesters)	Yes

Dr. P.N. Sudha
HOD E&C
HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
K.S. Institute of Technology
Bengaluru - 560 109

University calendar of events [2020-2021 ODD]:

Revised Academic Calendar of VTU, Belagavi for ODD Semester of 2020-21 (Tentative)								
	I Sem B. E. / B. Tech. / B. Arch./B.Plan	I sem M.Tech./MBA /MCA/M.Arch.	III, V B. E. /B. Tech./B.Plan/ B.Arch & VII sem BPlan /BArch & IX Sem B. Arch.	VII Sem B. E. /B. Tech	III & V Sem MCA	III Sem MBA	III Sem M. Tech.	III Sem M. Arch.
Commencement of ODD Semester	14.12.2020	Will be announced later	01.09.2020	01.09.2020	01.09.2020	01.09.2020	01.09.2020	01.09.2020
Last Working day of ODD Semester	25.03.2021		16.01.2021	16.01.2021	16.01.2021	16.01.2021	16.01.2021	16.01.2021
Practical Examinations	29.03.2021 Onwards#		21.01.2021 Onwards#	21.01.2021 Onwards#	08.02.2021 Onwards#	--	21.01.2021 Onwards#	--
Theory Examinations	12.04.2021 To 30.04.2021		08.02.2021 To 27.03.2021	08.02.2021 To 27.03.2021	21.01.2021 To 06.02.2021	21.01.2021 To 19.02.2021	28.01.2021 To 13.02.2021	21.01.2021 To 06.02.2021
Internship			---	29.03.2021 To 10.04.2021	---	---	---	---
Internship Viva- Voce			---	---	---	---	15.02.2021 To 22.02.2021	---
Professional training / Organization study			---	---	---	---	22.02.2021 To 03.04.2021	---
Commencement of EVEN Semester	03.05.2021			29.03.2021	12.04.2021	15.02.2021	05.04.2021	23.02.2021

NOTE:

- VII Semester B. E. / B. Tech. students shall have to undergo **Internship** as per circular of University VTU/Aca/2019-20/85, dated 12.05.2020.
- I Semester B. E/ B. Tech / B. Arch Students shall compulsorily undergo **Induction Program** for 01 Weeks.
- The classroom sessions for all the semesters would be in **ONLINE mode/blended mode** until further orders.
- The Institute needs to function for **six days** a week with additional hours (**Saturday is a full working day**).
- The faculty/staff shall be available to undertake any work assigned by the university.
- If any of the above dates are declared to be a holiday then the corresponding event will come into effect on the next working day.
- (#) Notification regarding the Calendar of Events relating to the conduct of **University Examinations** will be issued by the Registrar (Evaluation) from time to time.
- Academic Calendar may be modified based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- Revised Academic Calendar is also applicable for **Autonomous Colleges**.
- The MBA students are permitted to carry out **project work** in blended mode (ONLINE/OFFLINE). More emphasis on OFFLINE mode wherever feasible.

04.12.2020
REGISTRAR

College calendar of events [2020-2021 ODD]:

Week No.	Month	Day						Days	Activities
		Mon	Tue	Wed	Thu	Fri	Sat		
1	SEP		1*	2	3	4	5	5	1*-Commencement of Higher Semester
2	SEP	7	8	9	10	11	12	6	
3	SEP	14	15	16	17 H	18	19	5	17- Mahalaya Amavasya
4	SEP	21	22	23	24	25	26TA	6	
5	SEP / OCT	28 T1	29 T1	30 T1	1	2 H	3	5	2- Mahatma Gandhi Jayanthi
6	OCT	5	6BV	7ASD	8	9	10	6	5-10 First Feed Back
7	OCT	12	13	14	15	16	17 DH	5	
8	OCT	19	20	21	22	23	24	6	24 - Monday Time Table
9	OCT	26 H	27	28	29	30 H	31 H	3	26- Vijayadashami 30- Eid-Milad 31- Maharishi Valmiki Jayanti
10	NOV	2	3	4	5	6	7 TA	6	7 - Wednesday Time Table
11	NOV	9 T2	10 T2	11 T2	12	13	14 DH	5	
12	NOV	16 H	17 BV	18 ASD	19	20	21	5	16 - Balipadyami Deepavalli 18 - 21 Second Feed Back 21 - Friday Time Table
13	NOV	23	24	25	26	27	28 DH	5	
14	NOV /DEC	30	1	2	3 H	4	5	5	3- Kanakadasa Jayanti 5 - Monday Time Table
15	DEC	7	8 TA	9 LT	10 LT	11 LT	12 DH	5	
16	DEC	14 T3	15 T3	16 T3	17* BV			4	17* -Last Working Day

Total No of Working Days : 82

Total Number of working days (Excluding holidays and Tests)=70

H	Holiday
BV	Blue Book Verification
T1,T2, T3	Tests 1,2,3
ASD	Attendance & Sessional Display
DH	Declared Holiday
LT	Lab Test
TA	Test attendance

Day	Count
Monday	12
Tuesday	13
Wednesday	13
Thursday	13
Friday	13
Saturday	6
Total	70

K. S. Institute of Technology
14/10/2020
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BENGALURU - 560 109.

Department calendar of events [2020-2021 ODD]:

K.S INSTITUTE OF TECHNOLOGY, Bengaluru-109 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING TENTATIVE CALENDAR OF EVENTS: ODD SEMESTER (2020-2021) SESSION: SEP 2020 - JAN 2021										
Week No.	Month	Day						Days	Activities	Department Activities Tentative Dates
		Mon	Tue	Wed	Thu	Fri	Sat			
1	SEP		1*	2	3	4	5	5	1*-Commencement of Higher Semester	
2	SEP	7	8	9	10	11	12	6		10 - Technical Talk IEEE, ASH
3	SEP	14	15	16	17 H	18	19	5	17- Mahalaya Amavasya	15- Engineers Day IEEE 19 - Guest Lecture
4	SEP	21	22	23	24	25	26 TA	6		21 - Technical Talk 23 - Valedictory IEEE
5	SEP / OCT	28 T1	29 T1	30 T1	1	2 H	3	5	2- Mahatma Gandhi Jayanthi	
6	OCT	5	6 BV	7 ASD	8	9	10	6	5-10 First Feed Back	5 - IEEE Day 10 - Guest Lecture
7	OCT	12	13	14	15	16	17 DH	5		15 - Technical Talk
8	OCT	19	20	21	22	23	24	6	24 Monday Time table	19 - Technical Talk 20 - Technical Talk
9	OCT	26 H	27	28	29	30 H	31 H	3	26- Vijaydashami 30- Eid-Milad 31- Maharishi Valmiki	
10	NOV	2	3	4	5	6	7TA	6	7-Wednesday Time Table	
11	NOV	9	10	11	12	13	14 DH	5		12 - Technical Talk
12	NOV	16 H	17 T2	18 T2	19 T2	20	21	5	16 - Balipadyami Deepavalli 18-21 Second Feed Back 21- Friday Time Table	20 - Simulation
13	NOV	23	24 BV	25 ASD	26	27	28	5		
14	NOV / DEC	30	1	2	3H	4	5	5	3- Kanakadasa Jayanti 5- Monday Time Table	
15	DEC	7	8	9	10	11	12 DH	5		
16	DEC	14	15	16	17	18	19	6	19- Monday Time Table	
17	DEC	21	22	23	24	25H	26DH	4	25- Christmas	
18	DEC/JAN	28	29	30	31	1TA	2	6	2- Tuesday Time Table	
19	JAN	4LT	5LT	6LT	7LT	8	9DH	5		
20	JAN	11T3	12T3	13T3	14H	15	16	5	14- Makara Sankranti 16* -Last Working Day	
Total No of Working Days : 106										
Total Number of working days (Excluding holidays and Tests)=87										

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>H</td><td>Holiday</td></tr> <tr><td>BV</td><td>Blue Book Verification</td></tr> <tr><td>T1, T2, T3</td><td>Tests 1,2, 3</td></tr> <tr><td>ASD</td><td>Attendance & Sessional Display</td></tr> <tr><td>DH</td><td>Declared Holiday</td></tr> <tr><td>LT</td><td>Lab Test</td></tr> <tr><td>TA</td><td>Test attendance</td></tr> </table>	H	Holiday	BV	Blue Book Verification	T1, T2, T3	Tests 1,2, 3	ASD	Attendance & Sessional Display	DH	Declared Holiday	LT	Lab Test	TA	Test attendance	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Monday</td><td>16</td></tr> <tr><td>Tuesday</td><td>16</td></tr> <tr><td>Wednesday</td><td>16</td></tr> <tr><td>Thursday</td><td>16</td></tr> <tr><td>Friday</td><td>17</td></tr> <tr><td>Saturday</td><td>6</td></tr> <tr><td>Total</td><td>87</td></tr> </table>	Monday	16	Tuesday	16	Wednesday	16	Thursday	16	Friday	17	Saturday	6	Total	87
H	Holiday																												
BV	Blue Book Verification																												
T1, T2, T3	Tests 1,2, 3																												
ASD	Attendance & Sessional Display																												
DH	Declared Holiday																												
LT	Lab Test																												
TA	Test attendance																												
Monday	16																												
Tuesday	16																												
Wednesday	16																												
Thursday	16																												
Friday	17																												
Saturday	6																												
Total	87																												

P. Mys
30/11/2020
L. Ganu
20/11



K. S. INSTITUTE OF TECHNOLOGY
#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-5600109

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Effective compliance of academic calendar [2020-2021 ODD SEMESTER]

SESSION: Sep 2020 – Jan 2021

Sl.No.	Activity	Dates	Complied/ NotComplied
1	Commencement of Higher Semester	1 st Sep 2020	Yes
2	IEEE KSIT SB EXECOM Online Meet	4 th Sep 2020	Yes
3	Quiz on Latest Trends in Technology	8 th Sep 2020	Yes
4	IEEE KSIT- Online EXECOM Meet	11 th Sep 2020	Yes
5	WIE TALK	12 th Sep 2020	Yes
6	Webinar on “Short-range Wireless Communication”	14 th Sep 2020	Yes
7	IEEE KSIT SB Meet Online	14 th Sep 2020	Yes
8	I CIE Schedule	28 th -30 th Sep 2020	Postponed to 6 th Oct 2020
	Blue Book Verification	6 th Oct 2020	Finalized on 12 th Oct 2020
9	IEEE DAY Celebrations	15 th Oct 2020	Yes
10	Poster Making Contest	15 th Oct 2020	Yes
11	IDEATHON	15 th Oct 2020	Yes
12	Talk on getting started with equations in MS PowerPoint	4 th Nov 2020	Held on 28 th Oct 2020 to accommodate more students
12	Annual IEEE Valedictory function	9 th Nov 2020	Preponed to 31 st Oct 2020
13	II CIE Schedule	17 th - 19 th Nov 2020	Yes
14	Blue Book Verification	23 rd Oct 2020	Yes
15	Lab Test	21 st – 23 rd Nov 2020	Yes
16	III CIE Schedule	25 th - 27 th Nov 2020	Yes
17	Blue Book Verification	29 th Nov 2020	Yes
18	Webinar on “Design of Antennas using Simulation Tools”	18 th Dec 2020	Yes
19	6 days Refresher Program on 5G and its implementation (AICTE-ISTE Funded)	21 st -26 th 2020	Yes
20	Last Working Day	30 th Nov 2020	Extended up to 16 th Jan 2021 by the University (VTU)

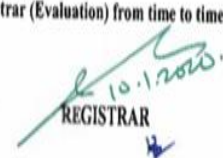
Dr.P.N Sudha
HOD E&C
HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
K.S. Institute of Technology
Bengaluru - 560 109

University calendar of events [2019-2020 EVEN]:

Academic Calendar of VTU, Belagavi for EVEN Semester of 2019-2020 (Jan 2020 – July 2020)												
	II Sem B. E. / B. Tech. / B. Arch	IV & VI Sem B. E. /B. Tech. IV, VI&VIII Sem B. Arch.	VIII Sem B.E / B.Tech & X Sem B. Arch	IV Sem MCA	VI Sem MCA	IV Sem MBA	IV Sem M. Tech.	IV Sem M. Arch.	II Sem M. Tech.	II Sem MCA	II Sem MBA	II Sem M. Arch.
Commencement of EVEN Semester	10.02.2020	10.02.2020	16.03.2020	27.01.2020	27.01.2020	10.02.2020	27.01.2020	27.01.2020	05.03.2020	05.03.2020	14.02.2020	14.02.2020
Last Working day of EVEN Semester	01.06.2020	01.06.2020	01.06.2020	20.05.2020	20.05.2020	01.06.2020	20.05.2020	20.05.2020	22.06.2020	22.06.2020	05.06.2020	05.06.2020
Practical Examination	03.06.2020 To 13.06.2020	03.06.2020 To 13.06.2020	-	26.05.2020 To 30.05.2020	-	-	-	-	25.06.2020 To 30.06.2020	25.06.2020 To 30.06.2020	-	-
Theory Examinations	15.06.2020 To 04.07.2020	15.06.2020 To 20.07.2020	03.06.2020 To 11.06.2020	03.06.2020 To 18.06.2020	-	03.06.2020 To 28.06.2020	03.06.2020 To 10.06.2020	-	01.07.2020 To 11.07.2020	01.07.2020 To 11.07.2020	08.06.2020 To 20.06.2020	09.06.2020 To 20.06.2020
Viva Voce	-	-	15.06.2020 To 20.06.2020	-	-	-	-	-	-	-	-	-
Summer Project / Professional training	-	-	-	-	22.05.2020 To 30.05.2020 (Submission of report to VTU)	01.04.2020 To 15.04.2020 (Submission of report to VTU)	12.06.2020 To 25.06.2020 (Submission of report to VTU)	-	13.07.2020 To 31.07.2020	-	23.06.2020 To 21.07.2020	01.07.2020 To 25.08.2020
Commencement of ODD Semester	27.07.2020	27.07.2020	27.07.2020	27.07.2020	-	-	-	-	03.08.2020	27.07.2020	27.07.2020	28.08.2020

NOTE

1. College Time Table shall be arranged for five and a half week days and planned to accommodate EDUSAT transmission slots, the schedule of which will be notified separately.
2. The faculty/staff shall be available to undertake any work assigned by the university.
3. If any of the above date is declared to be a holiday then the corresponding event will come into effect on the next working day.
4. Notification regarding Calendar of Events relating to the conduct of University Examination will be issued by the Registrar (Evaluation) from time to time.


 REGISTRAR

College calendar of events [2019-2020 EVEN]:

Week No.	Month	Day						Days	Activities
		Mon	Tue	Wed	Thu	Fri	Sat		
1	Feb	10 *	11	12	13	14	15	6	10-commencement of higher semester 15-Monday Time Table
2	Feb	17	18	19	20	21 H	22	5	21 - Maha Shivarathri 22- Friday time table 22 - ISTE State Level convention 23- Graduation Day
3	Feb	24	25	26	27	28	29 DH	5	
4	Mar	2	3	4	5	6 TA	7*	6	* Sports Day
5	Mar	9 T1	10 T1	11 T1	12	13	14	6	14 -Wednesday time table
6	Mar	16	17	18 BV	19 ASD	20	21 DH	5	
7	Mar	23	24	25 H	26	27	28*	5	25-Ugadhi 28- * Ananya
8	Mar/Apr	30	31	1	2	3	4 DH	5	
9	Apr	6 H	7	8	9	10 H	11	4	6- Mahaveera Jayanthi 10- Good Friday 11 - Wednesday time table
10	Apr	13 TA	14 H	15 T2	16 T2	17 T2	18 DH	4	14- Ambedkar Jayanthi
11	Apr	20	21	22	23	24 BV	25 ASD	6	25-Tuesday time table
12	Apr/May	27	28	29	30	1 H	2 DH	4	1-May Day
13	May	4	5	6	7	8	9	6	9-Friday time table
14	May	11	12	13	14 *	15 * TA	16 DH	5	14- National Conference 15-Project Exhibition
15	May	18 T3	19 T3	20 T3	21 LT	22 LT	23 LT	6	
16	May	25	26	27	28	29	30 DH	4	25 - Ramzan
17	Jun	1 *						1	* Last Working Day

Total No of Working Days : 83

Total Number of working days (Excluding holidays and Tests)=71

H	Holiday
BV	Blue Book Verification
T1,T2,T3	Tests 1,2, 3
ASD	Attendance & Sessional Display
DH	Declared Holiday
LT	Lab Test
TA	Test attendance

Monday	14
Tuesday	14
Wednesday	14
Thursday	14
Friday	13
Total	69

20.1.2020

Department calendar of events [2019-2020 EVEN]:

 K.S INSTITUTE OF TECHNOLOGY, Bengaluru-109 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING CALENDAR OF EVENTS: EVEN SEMESTER (2019-2020) SESSION: FEB 2020 - JUNE 2020										
Week No	Month	Day						Days	Activities	Department Activities Tentative Dates
		Mon	Tue	Wed	Thu	Fri	Sat			
1	Feb	10 *	11	12	13	14	15	6	10-commencement of higher semester 15- Monday Time Table	
2	Feb	17	18	19	20	21 H	22	5	21 - Maha Shivarathri 22- Friday time table 22 - ISTE State Level convention 23 - Graduation Day	17- KSSC Inauguration 22 - Talk on how to pursue internship for 6th sem
3	Feb	24	25	26	27	28	29 DH	5		26& 27 - Workshop 28- Industrial visits (6th sem)
4	Mar	2	3	4	5	6 TA	7*	6	* Sports Day	2- Technical Talk on Optical Network for Final year Students 4 - Relesing Stress Psychology 6 - Technical Talk for 4th sem students
5	Mar	9 T1	10 T1	11 T1	12	13	14	6	14 -Wednesday time table	12- Women Day 14 - Marathon
6	Mar	16	17	18 BV	19 ASD	20	21 DH	5		16 - Technical Talk for 4th sem 20 - Workshop
7	Mar	23	24	25 H	26	27	28*	5	25-Ugadhi 28- * Ananya	23- Technical Talk on Signal Processing
8	Mar/Apr	30	31	1	2	3	4 DH	5		
9	Apr	6 H	7	8	9	10 H	11	4	6- Mahaveera Jayanthi 10- Good Friday 11 - Wednesday time table	
10	Apr	13 TA	14 H	15 T2	16 T2	17 T2	18 DH	4	14- Ambedkar Jayanthi	
11	Apr	20	21	22	23	24 BV	25 ASD	6	25-Tuesday time table	20 - Industrial visits (4 sem) 25 - Workshop
12	Apr/May	27	28	29	30	1 H	2 DH	4	1-May Day	
13	May	4	5	6	7	8	9	6	9-Friday time table	9 - Talk to enhance entrepreneurship skills for 6th semester
14	May	11	12	13	14 *	15 * TA	16 DH	5	14- National Conference 15-Project Exhibition	12- IEEE Valedictory
15	May	18 T3	19 T3	20 T3	21 LT	22 LT	23 LT	6		
16	May	25	26	27	28	29	30 DH	4	25 - Ramzan	
17	Jun	1 *						1	* Last Working Day	
Total No of Working Days : 83										
Total Number of working days (Excluding holidays and Tests)=71										
H	Holiday									
BV	Blue Book Verification									
T1,T2,T3	Tests 1,2, 3									
ASD	Attendance & Sessional Display									
DH	Declared Holiday									
LT	Lab Test									
TA	Test attendance									
	Monday	14								
	Tuesday	14								
	Wednesday	14								
	Thursday	14								
	Friday	13								
	Total	69								

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BENGALURU - 560 109

[Signature]
HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
K.S. Institute of Technology
Bengaluru - 560 109



K. S. INSTITUTE OF TECHNOLOGY
#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-5600109



Department of Electronics and Communication Engineering

Effective compliance of academic calendar [2019-2020 EVEN SEMESTER]

SESSION: Feb 2020 -June 2020

Sl.No.	Activity	Dates	Complied/ NotComplied
1	5 Day ADP “Vocabulary of recent Technologies.”	27 th -31 st Jan 2020	Yes
2	Technical Talk on 5G Communications for IEEE Students	30 th Jan 2020	Yes
3	Technical Talk on ML & it’s applications for IEEE Students	31 st Jan 2020	Yes
4	Commencement of Higher Semester	10 th Feb 2020	Yes
5	IEEE EXECOM MEETING	15 th Feb 2020	Yes
6	16 th KARNATAKA State Level Student Convention	22 nd Feb 2020	Yes
7	International Women’s Day Celebration	9 th Mar 2020	Yes
8	I CIE Schedule	12 th - 14 th Mar 2020	Last day of internals postponed due to Covid-19 Lockdown
9	Blue Book Verification	19 th Mar 2020	Postponed due to Covid-19 Lockdown
10	Technical Talk on Signal Processing	23 rd Mar 2020	Conducted Online quiz on the novel coronavirus for 1700 students from various Engg. Colleges
11	II CIE Schedule	15 th -17 th April 2020	Conducted Online from 5 th -7 th May 2020 due to Covid-19 Lockdown
12	Industrial Visit for 4 th Sem	20 th Apr 2020	Cancelled due to Pandemic
13	Blue Book Verification	24 th Apr 2020	Online II CIE valued & finalized on 10 th May 2020
14	Workshop	25 th Apr 2020	Postponed & conducted in online mode due to pandemic: Workshop on ADOBE Illustrator and ADOBE XD Conducted on 19 th & 20 th June 2020
15	Talk to enhance Entrepreneurship skills for 6 th Sem Students	9 th May 2020	Postponed & conducted in online mode due to pandemic: Webinar on how to launch your own Start-up on 21 st June 2020
16	Project Exhibition	13 th May 2020	Cancelled due to Pandemic
17	IIICIE Schedule	18 th - 20 th May 2020	Conducted Online from 27 th -29 th May 2020 due to Covid-19 Lockdown
18	Lab Test	21 st - 23 rd May 2020	Conducted Online from 23 rd -26 th May 2020 due to Covid-19 Lockdown
19	Annual IEEE Valedictory Function	12 th May 2020	Conducted in online mode due to pandemic
20	Last Working Day	1 st June 2020	Yes


 Dr. P.N. Sudha
 HOD, E&C
 HEAD OF THE DEPARTMENT
 Dept. of Electronics & Communication Engg
 K.S. Institute of Technology
 Bengaluru - 560 109


University calendar of events [2019-2020 ODD]:

Academic Calendar of VTU, Belagavi for ODD Semester of 2019-2020 (Jul 2019 – Jan 2020)						
	I Sem B. E. / B. Tech. / B. Arch. (Tentative)	III, V & VII Sem B. E. /B. Tech. III, V, VII & IX Sem B. Arch.	III & V Sem MCA	III Sem MBA	III Sem M. Tech.	III Sem M. Arch.
Commencement of ODD Semester	01.08.2019	29.07.2019	29.07.2019	08.08.2019	26.08.2019	08.09.2019
Last Working day of ODD Semester	29.11.2019	30.11.2019	30.11.2019	05.12.2019	23.12.2019	06.01.2020
Practical Examinations	03.12.2019 To 13.12.2019	03.12.2019 To 13.12.2019	03.12.2019 To 07.12.2019	-	-	-
Theory Examinations	16.12.2019 To 04.01.2020	16.12.2019 To 07.02.2020	09.12.2019 To 28.12.2019	09.12.2019 To 04.01.2020	27.12.2019 To 10.01.2020	08.01.2020 To 22.01.2020
Internship Viva-Voce	-	-	-	-	12.01.2020 To 19.01.2020	-
Professional training / Organization study	-	-	-	-	-	-
Commencement of EVEN Semester	27.01.2020	10.02.2020	27.01.2020	27.01.2020	27.01.2020	01.02.2020

NOTE

- VII Semester B. E / B. Tech students shall have to undergo Internship for a period of four Weeks.
- I Semester B. E/ B. Tech / B. Arch Students shall compulsorily undergo Induction Program for a period of 3 Weeks (two phases) as per the schedule given by VTU. First phase 11 days in first semester and second phase 10 days in second semester.

- College Time Table shall be arranged for five and a half week days and planned to accommodate EDUSAT transmission slots, the schedule of which will be notified separately.
- The faculty/staff shall be available to undertake any work assigned by the university.
- If any of the above date is declared to be a holiday then the corresponding event will come into effect on the next working day.
- Notification regarding Calendar of Events relating to the conduct of University Examination will be issued by the Registrar (Evaluation) from time to time.


 REGISTRAR

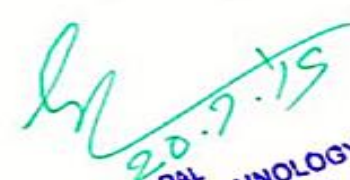
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College calendar of events [2019-2020 ODD]:

Week No.	Month	Day						Days	Activities
		Mon	Tue	Wed	Thu	Fri	Sat		
1	July/Aug	29	30	31	1	2	3DH	5	
2	Aug	5	6	7	8	9DH	10	5	9 - Varamaha lakshmi 10 - Monday Time Table
3	Aug	12H	13	14	15H	16	17	4	12 - Bakrid 15 - Independence Day 17 - Tuesday Time Table
4	Aug	19	20	21	22	23	24DH	5	
5	Aug	26	27	28	29	30	31	6	31 - Wednesday Time Table
6	Sep	2H	3	4	5	6	7DH	4	2 - Vinayaka chathruthi
7	Sep	9 TA	10H	11T1	12 T1	13 T1	14	5	10 - Moharam 14 - Friday Time Table
8	Sep	16	17	18	19	20BV	21DH	5	16-20 First feed back
9	Sep	23ASD	24 MA	25	26	27	28H	5	28 - Mnhalaya Amavasya
10	Sep/Oct	30	1	2H	3	4	5*	5	2 - Gandhi Jayanthi 5 - Ayudha pooja in college 5 - Monday Time Table
11	Oct	7H	8H	9	10	11	12 TA	4	7 - Ayudha pooja 8 - Vijaya dasami 12 - Monday Time Table
12	Oct	14 T2	15 T2	16 T2	17	18	19DH	5	
13	Oct	21	22	23 BV	24 ASD	25 MA	26	6	26 - Tuesday Time Table
14	Oct/Nov	28	29H	30	31	1H	2DH	3	29 - Balipadyami 1 - Kannada Rajyothava
15	Nov	4	5	6	7	8	9	6	9 - Tuesday Time Table 4-8 Second feed back
16	Nov	11	12	13	14	15H	16DH	4	15 - Kanakadasa Jayanthi
17	Nov	18	19	20	21 LT	22 LT	23 LT	6	
18	Nov	25 T3	26 T3	27T3	28	29 BV ASD	30* MA	6	30 - Thursday Time Table and Last Working Day
TOTAL NO. of Working Days: 89									

H	Holiday
BV	Blue Book Verification
T1,T2,T3	Tests 1,2,3
ASD	Attendance & Sessional Display
DH	Declared Holiday
LT	Lab Test
TA	Test attendance
MA	Master Attendance Filling

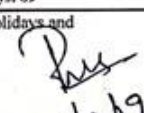

Total Number of working days (Excluding holidays and Tests)	
Monday	16
Tuesday	15
Wednesday	15
Thursday	16
Friday	15
Total	77


PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

Department calendar of events [2019-2020 ODD]:

Week No.	Month	Day						Days	Activities	Department Activities Tentative Dates
		Mon	Tue	Wed	Thu	Fri	Sat			
1	July/Aug	29	30	31	1	2	3DH	5		3rd & 4th Aug - Uttunga
2	Aug	5	6	7	8	9DH	10	5	9 - Varmaha lakshmi 10 - Monday Time Table	7th Aug - WIE Execom Meet
3	Aug	12H	13	14	15H	16	17	4	12 - Bakrid 15 - Independence Day 17-Tuesday Time Table	10th Aug to 16th Aug - Social Awareness on Side Effects of Mobile Phone & Wireless Radiations
4	Aug	19	20	21	22	23	24DH	5		23rd Aug-Guest Lecture on Networking & Overview on Networking Certification
5	Aug	26	27	28	29	30	31	6	31 - Wednesday Time Table	31st Aug-Guest lecturer on Microwave Antennas: Advnnces & Applications
6	Sep	2H	3	4	5	6	7DH	4	2 - Vinayaka chathruthi	
7	Sep	9TA	10H	11T1	12 T1	13 T1	14	5	10 - Moharam 14 - Friday Time Table	
8	Sep	16	17	18	19	20BV	21DH	5	16-20 First feed back	
9	Sep	23ASD	24MA	25	26	27	28H	5	28 - Mahalaya Anavasya	25th Sep-Talk on Social media Networking Impacts on College Students 27th Sep-Insight into Entrepreneurship & Career opportunity 28th & 29th Sep-APP Development Program
10	Sep/Oct	30	1	2H	3	4	5*	5	2 - Gandhi Jayanthi 5-Ayudha pooja in college 5 - Monday Time Table	30th Sep- INNOVACEEEA 3.0, One-day Workshop on Robotics 1st Oct- IEEE Day Celebrations, IDEATHON Contest, Mini Project Exhibition, 3rd Oct-Industrial Visit
11	Oct	7H	8H	9	10	11	12 TA	4	7 - Ayudha pooja 8 - Vijaya dasami 12 - Monday Time Table	10th Oct-Workshop on Simulation using NI 11th & 12th Oct - Two Day Workshop on Image & video Processing using Raspberry Pi
12	Oct	14 T2	15 T2	16 T2	17	18	19DH	5		18th Oct- KSIT IIC Innovation Day 18th Oct- Technical Talk on Evolution of NANO Satellites
13	Oct	21	22	23 BV	24 ASD	25 MA	26	6	26 - Tuesday Time Table	
14	Oct/Nov	28	29H	30	31	1H	2DH	3	29 - Balipadyami 1 - Kannada Rajyothava	31st Oct- 1Day workshop on Arduino
15	Nov	4	5	6	7	8	9	6	9 - Tuesday Time Table 4-8 Second feed back	8th Nov-Guest Lecture on Advances in ECE
16	Nov	11	12	13	14	15H	16DH	4	15-Kanakadasa Jayanthi	14th Nov-Panel Discussion on Career trends & skills for success in business intelligence & trade compliance
17	Nov	18	19	20	21 LT	22 LT	23 LT	6		
18	Nov	25 T3	26 T3	27T3	28	29 BV ASD	30* MA	6	30 - Thursday Time Table and Last Working Day	26th Nov- Constitution Day Celebrations

TOTAL NO. of Working Days: 89

<table border="1"> <tr><td>H</td><td>Holiday</td></tr> <tr><td>BV</td><td>Blue Book</td></tr> <tr><td>T1, T2, T3</td><td>Tests 1,2,3</td></tr> <tr><td>ASD</td><td>Attendance &</td></tr> <tr><td>DH</td><td>Declared Holiday</td></tr> <tr><td>LT</td><td>Lab Test</td></tr> <tr><td>TA</td><td>Test attendance</td></tr> <tr><td>MA</td><td>Master Attendance</td></tr> </table>	H	Holiday	BV	Blue Book	T1, T2, T3	Tests 1,2,3	ASD	Attendance &	DH	Declared Holiday	LT	Lab Test	TA	Test attendance	MA	Master Attendance	Total Number of working days (Excluding holidays and <table border="1" style="margin-left: 20px;"> <tr><td>Monday</td><td>16</td></tr> <tr><td>Tuesday</td><td>15</td></tr> <tr><td>Wednesday</td><td>15</td></tr> <tr><td>Thursday</td><td>16</td></tr> <tr><td>Friday</td><td>15</td></tr> <tr><td>Total</td><td>77</td></tr> </table>	Monday	16	Tuesday	15	Wednesday	15	Thursday	16	Friday	15	Total	77	 HEAD OF THE DEPARTMENT Dept. of Electronics & Communication Engg K.S. Institute of Technology Bengaluru - 560 109  PRINCIPAL K.S. INSTITUTE OF TECHNOLOGY BENGALURU - 560 109
H	Holiday																													
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Monday	16																													
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Wednesday	15																													
Thursday	16																													
Friday	15																													
Total	77																													



K. S. INSTITUTE OF TECHNOLOGY
 #14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-5600109
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Effective compliance of academic calendar [2019-2020 ODD SEMESTER]
SESSION: July 2019 – Nov 2019

Sl.No.	Activity	Dates	Complied/ NotComplied
1	Commencement of Semester	29 th July 2019	Yes
2	Guest Lecture on Microwave & Antennas - IETE	23 rd Aug 2019	Held on 31 st Aug 2019 Due to placement training for students
3	Industrial Visit 3 rd Sem	30 th Aug 2019	Yes
4	Industrial Visit 5 th Sem	6 th Sep 2019	Yes
5	Workshop on ARM/LAB VIEW	6 th Sep 2019 – 7 th Sep 2019	Held on 10 th Oct 2019 due to unavailability of the chief guest
6	Industrial Visit 7 th Sem	9 th Sep 2019	Yes
7	I IA Test Schedule	11 th Sep 2019 – 13 th Sep 2019	Yes
8	Technical Talk	16 th Sep 2019	Yes
9	Blue Book Verification	20 th Sep 2019	Yes
10	Two days' workshop on Raspberry Pi- Image Processing - IETE	20 th Sep 2019 – 21 st Sep 2019	Held on 1 st & 2 nd Oct 2019, to accommodate more students
11	Garut Workshop	30 th Sep 2019 – 1 st Oct 2019	Yes
12	IEEE Day Celebration	4 th Oct 2019	Held on 1 st Oct 2019
13	Technical Talk on Evolution of NANO Satellites	14 th Oct 2019	Yes
14	II IA Test Schedule	14 th Oct 2019 – 16 th Oct 2019	Held during 21 st Oct 2019 – 23 rd Oct 2019 due to insufficient syllabus coverage
15	Blue Book Verification	25 th Oct 2019	Held on 30 th Oct 2019
16	IEEE Workshop	17 th & 18 th Oct	Held on 31 st Oct 2019
17	Technical Talk on Network Security	21 st Oct 2019	Held on 25 th Sep 2019
18	Guest Lecture on Advances in Electronics and Communication	8 th Nov 2019	Yes
19	Lab Test	21 st Nov 2019 – 23 rd Nov 2019	25 th Nov 2019 – 27 th Nov 2019 due to III IA postponement
20	III IA Test Schedule	25 th Nov 2019 – 27 th Nov 2019	21 st Nov 2019 – 23 rd Nov 2019 Preponed to accommodate improvement tests
21	Last Working Day	30 th Nov 2019	Yes


 Dr. P.N. Sudha
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 Dept. of Electronics & Communication Engg
 K.S. Institute of Technology
 Bengaluru - 560 109

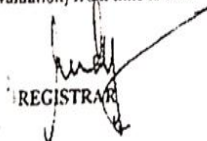
University calendar of events [2018-2019 EVEN]:

Academic Calendar of VTU, Belagavi for EVEN Semester of 2018-2019 (Feb 2019 – July 2019)

	II Sem B. E. / B. Tech. / B. Arch	IV & VI Sem B. E./B. Tech. IV, VI, VIII Sem B. Arch.	VIII Sem B.E/ B.Tech & X Sem B. Arch	IV Sem MCA	VI Sem MCA	IV Sem MBA	IV Sem M. Tech.	IV Sem M. Arch.	II Sem M. Tech.	II Sem MCA	II Sem MBA	II Sem M. Arch.
Commencement of EVEN Semester	15.02.2019	01.02.2019	01.02.2019	01.02.2019	01.02.2019	18.02.2019	28.12.2018	01.02.2019	01.03.2019	01.03.2019	25.02.2019	25.02.2019
Last Working day of EVEN Semester	17.06.2019	23.05.2019	23.05.2019	18.05.2019	18.05.2019	01.06.2019	13.04.2019	18.05.2019	21.06.2019	21.06.2019	17.06.2019	17.06.2019
Practical Examination	19.06.2019 To 29.06.2019	27.05.2019 To 07.06.2019	-	21.05.2019 To 25.05.2019	-	-	-	-	24.06.2019 To 29.06.2019	24.06.2019 To 29.06.2019	-	-
Theory Examinations	01.07.2019 To 16.07.2019	10.06.2019 To 16.07.2019	27.05.2019 To 07.06.2019	27.05.2019 To 15.06.2019	-	03.06.2019 To 28.06.2019	27.05.2019 To 31.05.2019	-	01.07.2019 To 12.07.2019	01.07.2019 To 12.07.2019	20.06.2019 To 04.07.2019	20.06.2019 To 04.07.2019
Viva Voce	-	-	11.06.2019 To 17.06.2019	-	-	-	-	-	-	-	-	-
Summer Project / Professional training /	-	-	-	20.05.2019 To 29.05.2019 [Submission of report to VTU]	01.04.2019 To 15.04.2019 [Submission of report to VTU]	03.06.2019 To 18.06.2019 [Submission of report to VTU]	-	-	-	-	-	-
Commencement of ODD Semester	22.07.2019	22.07.2019	-	22.07.2019	-	-	-	-	22.07.2019	22.07.2019	22.07.2019	22.07.2019

NOTE

1. College Time Table shall be arranged for five and a half week days and planned to accommodate EDUSAT transmission slots, the schedule of which will be notified separately.
2. The faculty/staff shall be available to undertake any work assigned by the university.
3. If any of the above date is declared to be a holiday then the corresponding event will come into effect on the next working day.
4. Notification regarding Calendar of Events relating to the conduct of University Examination will be issued by the Registrar (Evaluation) from time to time


REGISTRAR

College Calendar of events[2018-2019 EVEN]:

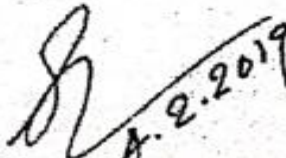
Week No.	Month	Day						Days	Activities
		Mon	Tue	Wed	Thu	Fri	Sat		
1	Feb			6*	7	8	9	4	6-commencement of higher semester 9-Monday time table
2	Feb	11	12	13	14	15		5	
3	Feb	18	19	20	21	22	23	6	23-Tuesday time table
4	Feb/Mar	25*	26	27	28	1		5	25-commencement of second semester
5	Mar		5	6	7	8	9TA	5	4 - Maha sivrathri 9-Wednesday time table
6	Mar	11T1	12T1	13T1	14	15	16*	6	16-sports day T1 - Higher semester
7	Mar	18	19BV	20ASD	21	22		5	
8	Mar	25	26	27	28	29	30	6	30-Monday time table
9	Apr	1	2	3	4	5		5	6-Ugadhi
10	Apr	8	9	10	11	12	13	6	13- Tuesday time table
11	Apr	15	16TA		18T2		20T2	4	17-Mahavocra Jayanthi 19-Good Friday T2- Higher semester and T1 second semester
12	Apr	22T2	23	24	25	26	27BV	6	27-Wednesday time table
13	Apr/May	29ASD	30		2	3		4	1-May Day
14	May	6		8	9	10	11	5	7-Basava Jayanthi 11-Monday time table
15	May	13LT	14LT	15LT	16LT	17LT		5	
16	May	20T3	21T3	22T3	23*	24	25	6	23-Last working day of highersemester T3-Higher semester and T2 second semester 25-Tuesday time table
17	May	27	28	29	30	31		5	
18	June	3LT	4LT		6LT	7LT	8LT	5	5 - Ramoon 8-Wednesday time table
19	June	10	11	12	13T3	14T3	15T3	6	T3 - second semester
20	June	17*						1	17-Last working day of second semester

TOTAL NO. of Working Days: 100


H		Holiday	
BV		Blue Book	Verification
T1, T2, T3		Tests 1, 2, 3	
ASD		Attendance &	Sessional Display
DH		Declared Holiday	
LT		Lab Test	
TA		Test attendance	
PA		Final attendance	

Total Number of working days (Excluding holidays and Tests)	
Monday	17
Tuesday	17
Wednesday	17
Thursday	17
Friday	17
Total	85

Higher semester = 81
Second semester = 85


PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

Department calendar of events[2018-2019 EVEN]:



K.S INSTITUTE OF TECHNOLOGY, Bengaluru-109
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
CALENDAR OF EVENTS: EVEN SEMESTER (2018-2019)
SESSION: FEB 2019 – JUNE 2019


Week No.	Month	Day						Days	Activities	Department Activities
		Mon	Tue	Wed	Thu	Fri	Sat			
1	Feb			6*	7	8	9	4	6- Commencement of higher semester , 9- Monday TT	
2	Feb	11	12	13	14	15	16DH	5		
3	Feb	18	19	20	21	22	23	6	23-Tuesday Time Table	20th Feb-Technical Talk on AI & Machine Learning, 22nd Feb- Microsoft Certification Courses 23rd Feb -Industrial visit for 4th Sem,
4	Feb/Mar	25*	26	27	28	1	2DH	5	25- Commencement of second semester	27th Feb- Talk by Alumni 1st Mar - 5K Marathon
5	Mar	4H	5	6	7	8	9TA	5	4 - Mahushivntri 9 - Wednesday Time Table	7th Mar - Industrial visit for 6th Sem 8th Mar- Women's day celebration
6	Mar	11T1	12 T1	13 T1	14	15	16*	6	16- sports day T1 - I higher semester	
7	Mar	18	19BV	20ASD	21	22	23DH	5		22nd Mar - Industrial Visit
8	Mar	25	26	27	28	29	30	5	30-Monday Time Table	
9	Apr	1	2	3	4	5	6H	5	6-Ugadi	
10	Apr	8	9	10	11	12	13	6	13- Tuesday Time Table	
11	Apr	15	16TA	17H	18T2	19H	20T2	4	17 - Mahaveera Jayanthi 19 - Good Friday T2-4higher semester and T1 second semester	
12	Apr	22T2	23	24	25	26	27BV	5	27 - Wednesday Time Table	25th Apr-International Girls in ICT Day
13	Apr/May	29ASD	30	1H	2	3	4DH	6	1- May Day	
14	May	6	7H	8	9	10	11	3	7- Basava Jayanthi 11- Monday time table 4-8 Second feed back	
15	May	13LT	14LT	15LT	16LT	17LT	18DH	6	9 - Tuesday Time Table	13th May- Project Exhibition
16	May	20T3	21T3	22T3	23*	24	25	6	23- Last Working Day of Higher Semester, T3-Higher semester and T2 second semester , 25- Tuesday timetable	25th May- Annual IEEE Valodictory Function
17	May	27	28	29	30	31	1DH	5		
18	June	3LT	4LT	5H	6LT	7LT	8LT	5	5- Ramzan 8-Wednesday Time Table	
19	June	10	11	12	13T3	14T3	15T3	6	T3- second semester	
20	June	17*						1	17 - Last Working Day of second semester	

TOTAL NO. of Working Days: 89

H	Holiday
BV	Blue Book Verification
T1,T2,T3	Tests 1,2,3
ASD	Attendance & Sessional
DH	Declared Holiday
LT	Lab Test
TA	Test attendance
MA	Master Attendance

Total Number of working days (Excluding holidays and Tests)	
Monday	17
Tuesday	17
Wednesday	17
Thursday	17
Friday	17
Total	85

Higher semester = 81
Second semester = 85


6/2/19
HEAD OF THE DEPARTMENT
 Dept. of Electronics & Communication Engg
 K.S. Institute of Technology
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PRINCIPAL
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**K. S. INSTITUTE OF TECHNOLOGY**

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-5600109

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING****Effective compliance of academic calendar [2018-2019 EVEN SEMESTER]****SESSION: Feb 2019 -June 2019**

Sl.No.	Activity	Dates	Complied/ Not Complied
1	Commencement of Semester	6 th Feb 2019	Yes
2	Technical Talk on AI & Machine	20 th Feb 2019	Yes
3	Microsoft Certification Courses	22 - 23 rd Feb 2019	Yes
4	Industrial Visit for 4 th Sem	23 rd Feb 2019	Yes
5	Talk by Alumni for 8 th Sem	27 th Feb 2019	Yes
6	5K Marathon	1 st Mar 2019	Yes
7	Industrial Visit for 6 th Sem	7 th Mar 2019	Yes
8	Women's day celebration	8 th Mar 2019	Yes
9	I CIE Schedule	11 th - 13 th Mar 2019	Yes
10	VIII Semester Technical Seminar	18 th -20 th Mar 2019	Yes
11	Blue Book Verification	19 th Mar 2019	Yes
12	Industrial Visit	22 nd Mar 2019	Yes
13	Project Phase-2 Presentation	25 th - 26 th Mar 2019	Yes
14	II CIE Schedule	18 th -22 nd April 2019	Yes
18	International Girls in ICT Day	25 th Apr 2019	Yes
19	Blue Book Verification	25 th Apr 2019	Yes
20	Project Exhibition	13 th May 2019	Yes
21	Lab Test	13 th -17 th May 2019	Yes
21	II CIE Schedule	20 th - 22 nd May 2019	Yes
21	Annual IEEE Valedictory Function	25 th May 2019	Yes
22	Last Working Day	17 th June 2019	Yes

Dr.P.N Sudha

HOD E&C

 HEAD OF THE DEPARTMENT
 Dept. of Electronics & Communication Engg
 K.S. Institute of Technology
 Bengaluru - 560 109

University calendar of events [2018-2019 ODD]:

Visvesvaraya Technological University Belagavi
Academic Calendar for ODD Semester of 2018-2019 (Aug 2018 – Jan 2019)

	I Sem B.E/B.Tech/ B.Arch	III, V Sem B.E/B.Tech III, V, VII, & IX Sem B.Arch	VII Sem B.E /B.Tech	III & V Sem MCA	III Sem MBA	III Sem M.Tech	III Sem M.Arch.
Commencement of ODD Semester	13.08.2018	01.08.2018	06.08.2018	01.08.2018	01.08.2018	01.08.2018 [Internship of 16 Weeks]	10.09.2018
Last Working day of ODD Semester	17.01.2019 [Includes 3 Weeks Induction Program]	30.11.2018	04.12.2018	30.11.2018	30.11.2018	30.11.2018	05.01.2019
Practical Examination	21.01.2019 To 30.01.2019	03.12.2018 To 14.12.2018	06.12.2018 To 14.12.2018	03.12.2018 To 07.12.2018	-	-	-
Theory Examinations	04.02.2019 To 18.02.2019	17.12.2018 To 18.01.2019	17.12.2018 To 18.01.2019	10.12.2018 To 28.12.2018	05.12.2018 To 29.12.2018	05.12.2018 To 22.12.2018	09.01.2019 To 22.01.2019
Summer Project / Professional training	-	-	-	-	03.01.2019 To 16.02.2019 [Submission of report to VTU by 08.03.2019]	-	23.07.2018 To 07.09.2018 [Professional training]
Commencement of EVEN Semester	25.02.2019	01.02.2019	01.02.2019	01.02.2019	18.02.2019	28.12.2018	01.02.2019

NOTE.

- VII Semester B.E / B.Tech students shall have to undergo Internship for a period of four Weeks.
 - I Semester B.E/ B.Tech / B.Arch Students shall compulsorily undergo Induction Program for a period of 3 Weeks as per the schedule given by VTU.
1. The faculty/staff shall be available to undertake any work assigned by the university.
 2. If any of the above date is declared to be a holiday then the corresponding event will come into effect on the next working day.
 3. Notification regarding Calendar of Events relating to the conduct of University Examination will be issued by the Registrar (Evaluation) from time to time.


REGISTRAR


College calendar of events[2018-2019 ODD]:

Week No.	Month	Day						Days	Activities
		Mon	Tue	Wed	Thu	Fri	Sat		
1	July/Aug	30*	31	1	2	3	4	5	30 - Commencement of 3rd and 5th semester 4 - Declared Holiday
2	Aug	6*	7	8	9	10	11*	6	6-Commencement of 7th semester 11 - Inauguration of 1st semester
3	Aug	13	14	15	16	17	18	5	15 - Independence Day 18: Wednesday time table
4	Aug	20	21	22	23	24	25	4	22-Bakrid 24- Varamahalakshmi Vratham 25-Thursady time table
5	Aug/Sep	27	28	29	30	31	1	6	1-Friday time table
6	Sep	3	4	5	6	7	8	5	8 - Declard Holiday
7	Sep	10	11TA	12	13	14TI	15TI	4	12-Gowri vratham 13-vinayaka chaturthi
8	Sep	17TI	18	19BV	20ASD	21	22	4	21-Moharam last day
9	Sep	24	25	26	27	28	29	6	29 - Wednesday time table
10	Oct	1	2	3	4	5	6	5	2-Gandhi Jayanthi 6 - Thursday time table
11	Oct	8	9	10	11	12	13	5	8-Mahalaya Anavasya 13-Friday time table
12	Oct	15	16	17	18	19	20	3	18-Mahamavami 19-Vijayadasami
13	Oct/Nov	22	23TA	24	25T2	26T2	27T2	5	24-vishnuki Jayanthi
14	Oct/Nov	29	30	31	1	2BV	3ASD	5	1-kannada rajyothava 3-Wednesday time table
15	Nov	5	6	7	8	9	10	3	6-naraka chaturdasi 7-Anavasya 8-Balipadyami 10-Thursady time table
16	Nov	12	13	14	15	16	17	6	17-Friday time table
17	Nov	19	20TA	21	22T3	23T3	24T3	5	21-Id Milad
18	Nov	26	27LT	28LT	29LT	30LT BV	1LT ASD	5	26-karakadasa Jayanthi
19	Dec	3	4					2	
TOTAL NO. of Working Days: 89									

H	Holiday
BV	Blue Book Verification
T1, T2, T3	Tests 1,2,3
ASD	Attendance & Seasonal Display
DH	Declared Holiday
LT	Lab Test
TA	Test attendance

Total Number of working days (Excluding holidays and Tests)

Monday	16
Tuesday	16
Wednesday	14
Thursday	14
Friday	14
Total	74




9.8.18
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Department calendar of events[2018-2019 EVEN]:

 K.S INSTITUTE OF TECHNOLOGY, Bengaluru-109 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING CALENDAR OF EVENTS: ODD SEMESTER (2018-2019) SESSION: AUG 2018 – DEC 2018 (3rd, 5th and 7th semester)										
Week No.	Month	Day						Days	Activities	Department Activities
		Mon	Tue	Wed	Thu	Fri	Sat			
1	July/Aug	30*	31	1	2	3	4DH	5	20- Commencement of 3rd & 5th semesters	1st Aug- Motivational Talk
2	Aug	6*	7	8	9	10	11*	6	6-Commencement of 1st sem 11- Inauguration of 1st sem	11th Aug - Induction Program
3	Aug	13	14	15H	16	17	18	5	15 - Independence Day 18-Wednesday Time Table	18th Aug- ARTF
4	Aug	20	21	22H	23	24DH	25	4	22 - Bakrid , 24-Varamaha lakshmi 25-Thursday TT	21st Aug- Fund Raising Event
5	Aug/Sep	27	28	29	30	31	1	6	1-Friday Time Table	21st Aug to 19th Sep - Programming & logical skills training Program
6	Sep	3	4	5	6	7	8DH	5	8-Declared Holiday	1,2nd Sep - Workshop on Quadcopter 3rd Sep - Talk on "Nurture the Future- Empower the Adolescent Girls"
7	Sep	10	11TA	12H	13H	14T1	15T1	5	12-Gowri vratham 13-Vinavaka Chaturthi	
8	Sep	17T1	18	19BV	20ASD	21H	22DH	4	21- Moharram 22 - Declared Holiday	22nd Sep - IEEE Student Branch Meeting
9	Sep	24	25	26	27	28	29	6	29 - Wednesday Time Table	26,28th Sep-Industrial visit
10	Oct	1	2H	3	4	5	6	5	2-Gandhi Jayanthi 6-Thursday Time Table	3rd Oct- IEEE day celebration Inter-Collegiate Mini Project Exhibition, poster presentation 5th Oct- Guest Lecture on Machine learning and deep learning applications
11	Oct	8H	9	10	11	12	13	5	8- Mahalaya amavasya 13- Friday Time Table	11th Oct-Visit to old age home
12	Oct	15	16	17	18H	19H	20DH	3	18-Marnavamu 19-Vijaydashami 20 - Declared Holiday	
13	Oct	22	23TA	24H	25T2	26T2	27T2	5	24- Valmiki Jayanthi	
14	Oct/Nov	29	30	31	1H	2BV	3ASD	5	1-Kannada Rajyotsava 3- Wednesday Time Table	2nd Nov- Technical Talk on Microwave amplifiers 3rd Nov- Dental health awareness and free screening camp
15	Nov	5	6H	7DH	8H	9	10	3	6-Narakachaturdashi 7-Amavasya, 8-Balipadyam 10-Thursday Time Table	
16	Nov	12	13	14	15	16	17	6	17-Friday Time Table	
17	Nov	19	20	21H	22T3	23T3	24T3	5	21 - Id Milad	19-20th Nov - Two Days Workshop on Matlab Signal Processing Applications
18	Nov/Dec	26H	27LT	28LT	29LT	30LT BV	1LT ASD	5	26- Karakadasa Jayanthi	
19	Dec	3	4					2		
TOTAL NO. of Working Days: 89										
H	Holiday		Total Number of working days (Excluding holidays and Tests)							
BV	Blue Book Verification									
T1,T	Tests 1,2,3									
ASD	Attendance & Sessional Display									
DH	Declared Holiday									
LT	Lab Test									
TA	Test attendance									
			Monday	16						
			Tuesday	16						
			Wednesday	16						
			Thursday	14						
			Friday	14						
			Total	74						


HEAD OF THE DEPARTMENT
 Dept. of Electronics & Communication Engg
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K. S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-5600109

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Effective compliance of academic calendar [2018-2019 ODD SEMESTER]

SESSION: Aug 2018 - Dec 2018

Sl.No.	Activity	Dates	Complied/ NotComplied
1	Commencement of Semester	30 th July 2018	Yes
2	Motivational Talk	1 st Aug 2018	Conducted on 3 rd Aug 2018
3	Induction Program	11 th Aug 2018	Yes
4	ARTF- Almost Ready to Fly	18 th Aug 2018	Yes
5	Programming & logical skills training Program	21st Aug to 19th Sep 2018	Yes
6	Workshop on Quadcopter	1 st - 2 nd Sep 2018	Yes
7	Talk on "Nurture the Future-Empower the Adolescent Girls"	3rd Sep 2018	Yes
8	I CIE Schedule	14 th -17 th Sep 2018	Yes
9	Blue Book Verification	19 th Sep 2018	Yes
10	IEEE STP Meet	22 nd Sep 2018	Yes
11	Industrial Visit	26 th Sep 2018	Yes
12	Industrial Visit	28 th Sep 2018	Yes
13	IEEE day celebration	3rd Oct 2018	Yes
14	Inter-Collegiate Mini Project Exhibition, poster presentation	3rd Oct 2018	Yes
15	Guest Lecture on Machine learning and deep learning applications	5th Oct 2018	Yes
16	Visit to old age home	11th Oct 2018	Yes
15	II CIE Schedule	25 th - 27 th Oct 2018	Yes
16	Blue Book Verification	2 nd Nov 2018	Yes
17	Technical talk on Microwave Amplifiers	2 nd Nov 2018	Yes
18	Dental health awareness and free screening camp	3 rd Nov 2018	Yes
19	Two Days Workshop on MATLAB Signal Processing Applications	19-20th Nov 2018	Yes
20	III CIE Schedule	22 nd - 24 th Nov 2018	Yes
21	Lab Test	27 th -30 th Nov 2018	Yes
22	Last Working Day	4 th Dec 2018	Yes

Dr.P.N Sudha
HOD E&C
HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
K.S. Institute of Technology
Bengaluru - 560 109

B. Use of various instructional methods and pedagogical initiatives:

The various instructional methods include the following:

- Lectures
- Presentations (Still and Video)
- Projects
- Handouts /Notes
- Case Study discussion
- Lab visits
- Seminars
- Role Play
- Quiz

Table2.2.1-a: Impact of course delivery methods on teaching learning process

Course Delivery Methods	Impact on Teaching Learning Process
Presentations	<p>Concepts are effectively presented.</p> <p>Videos effectively communicate the working of actual engineering solutions and their impact</p>
Lectures	<p>Presenting information.</p> <p>Focusing on key concepts, principle or ideas.</p> <p>Summarizing course material</p>
Hand-outs	Hand-outs are given to supplement lectures.

Pedagogical Initiatives

- Teaching with working models, simulations, and animated videos.
- Teaching with concept maps, model demo, charts etc.
- Assignments which include mind maps, miniprojects and case studies.
- Conduction of online and classroom quizzes, role play, surprise class tests, open book assignments, group discussions, flip discussions, pick and speak, seminars, social awareness programmes etc.
- Usage of ICT, Pupil pod and Google classrooms for posting assignments and lecture materials.
- Usage of Google forms and Kahoot for online interaction, assessment, and evaluation.

Table 2.2.1-b: Impact of Pedagogical Initiatives on teaching learning process

Pedagogical Initiatives	Impact on Teaching Learning Process
Quiz Kahoot	Game based learning and review of students' knowledge
Write a letter	Conveying the concepts in the subject of their interest in the form of a letter, improves analysing and communication skills of the students. It also improves their technical knowledge and grasp on the subject.
Mind Map	Improves the learning capability of the students and also helps them to remember and recall important concepts
Mini Project	Students understanding of the programming language improves, and they learn to implement the same in practical applications
Seminars	An innovative approach which motivates students to learn and understand better
Flip Discussion	Improves the understanding and analyzing ability of the students as well as their Communication skills
Role Play	Taking on the role of electronic circuits such as filters etc. helps the students to understand the concepts and the working of the same
Simulation Using Software	Improves the knowledge of the working of Digital and Analog Circuits
Group Activity	Improves the thinking ability for better understanding and problem-solving capability of the students.
Demonstration of working of various circuits	Helps students to understand the abstract concepts in electronics and communication engineering better

Table 2.2.1-c: List of Pedagogical Initiatives for the Academic Year 2020-21 (Even Semester)

Sl No	Name of the Faculty	Course	Sem & Sec	Innovative Pedagogy method	Statement of Goal	Significance of Results	Relevance to PO's and PEOS
1	Dr.P.N Sudha	Microwaves and Antennas	VI /A &B	Students Presentation on Reflex Klystron	To check the understanding level	Got to know the understanding level of the students through the interactive session. Presentation skills were evaluated	PO's-1,2,3,10
2	Dr.P.N Sudha	Microwaves and Antennas	VI /A &B	Unit TestonProblemon SmithChart	To check the understanding level	Got to know the understanding level of the students through the interactive session.	PO's-1,2,3,4
3	Dr.P.N Sudha	Microwaves and Antennas	VI /A &B	Students Presentation on Module 1	To check the understanding level	Got to know the understanding level of the students through the interactive session. Presentation skills were evaluated	PO's-1,2,3,10
4	Dr.P.N Sudha	Microwaves and Antennas	VI /A &B	Students Presentation on Transmission Lines	To check the understanding level	Got to know the understanding level of the students through the interactive session. Presentation skills were evaluated	PO's-1,2,3,10
5	Dr.P.N Sudha	Microwaves and Antennas	VI /A &B	Kahoot Quiz on Antenna Parameters	To check the understanding level	Got to know the understanding level of the students through the interactive session.	PO's-1,2,3
6	Dr.P.N Sudha	Microwaves and Antennas	VI /A &B	Kahoot Quiz on Module 1	To check the understanding level	Got to know the understanding level of the students through the interactive session.	PO'S-1,2,3

7	Dr.B. Surekha	Network and Cyber Security	VIII/A &B	Quiz	To improve the self-learning skills, creativity of students, test the understanding of students through blind peer review	Improve concept mapping skills and review ability	PO'S-1,2,5,9,10,12
8	Dr.B. Surekha	Network and Cyber Security	VIII/A&B	Mind Map	To improve the learning, interaction skills, practical knowledge of students & test their understanding	Students learnt practical issues related to cyber security	PO's-1,2,5,9,10,12
9	Dr.B. Sudarshan	Operating System	VI/A &B	Kahoot Quiz	To motivate students to prepare on the topics provided for quiz	Able to actively participate in the quiz and answered the questions	PO's-1,5,12
10	Mrs. Vishalini Divakar	Basic Electrical Engg.	II (D&E)	Unit Test	To check the level of subject knowledge and prepare students to score well in exams	Got to know the understanding level of students	PO's-1,2,3
11	Mrs. Jayasudha B.S.K	Python Application Programming	VI/A &B	Mock Interview	To prepare students with basic programming skills in python	Good understanding of fundamentals	PO's-9,10
12	Mrs. Jayasudha B.S.K	Python Application Programming	VI/A &B	Why Python	Understand new programming language python	Good understanding of fundamentals, brain storming session in python	PO's-9,10
13	Mr.Sunil Kumar.G.R	Basic Concepts of Microcont	IVA	Online Quiz	To get familiar with Microcontroller basic	Improved students' concepts on microcontroller	PO's-1,12

		roller			concepts		
14	Mrs. Sangeetha. V	Digital Communication	VIA	Quiz	To identify and recollect the knowledge on modulation techniques	Gained knowledge on topics	PO's-1,3,10
15	Mrs. Sangeetha. V	Digital Communication	VIB	Quiz	To identify and recollect the knowledge on optimum receiver	Gained knowledge on topics	PO's-1,3,10
16	Mrs. Sangeetha. V	Digital Communication	VIA	Kahoot Quiz	To analyse level of students' understanding on Hilbert Transform	Better understanding on Hilbert Transform	PO's-1,3,10
17	Mrs. Sangeetha. V	Digital Communication	VIB	Kahoot Quiz	To analyse level of students' understanding on Hilbert Transform	Better understanding on Hilbert Transform	PO's-1,3,10
18	Mrs. Sangeetha. V	Digital Communication	VIA	Class Test	To analyse level of students' understanding on Linear Codes	Gain knowledge on Linear Codes	PO's-1,3,10
19	Mrs.Sangeetha.V	Digital Communication	VIB	Class Test	To analyse level of students' understanding on Linear Codes	Gain knowledge on Linear Codes	PO's-1,3,10
20	Mr.S. ChristoJain	Microcontroller	IVB	QuizModule 1 & 2	Group interaction, programming skills, understanding level and online platform skills	Improved students concepts of microcontroller	PO's-1,12
21	Mr. Saleem S Tevaramani	Fibre Optics and Networks	VIII A	Interactive session using mentimeter	Improved knowledge on WDM concepts and optical networking	Think in terms of future research and interesting areas in optical networks	PO's-6,9,10,12

22	Mr. Saleem S Tevaramani	Fibre Optics and Networks	VIII B	Interactive session using mentimeter	Improved knowledge on WDM concepts and optical networking	Think in terms of future research and interesting areas in optical networks	PO's-6,9,10,12
23	Mrs.P.Pragati	Signals&S ystems	IVA &B	UnitTest	To improve complex problem-solving skills, self-learning and writing skills	Improved complex problem-solving skills, self-learning and writing skills	PO's-1,2,3,6
24	Mrs.P.Pragati	Signals&S ystems	IVA &B	Surprise Quiz	To improve complex problem-solving skills, self-learning and writing skills	Improved complex problem-solving skills, self-learning and writing skills	PO's-1,2,3,6
25	Mrs.Aruna Rao	Embedded Systems	VIA & B	Presentation s	Learn the working of latest products designed using embedded systems	Gain technical knowledge in advances of embedded systems	PO's-1,12
26	Mr Sampath Kumar	Control Systems	IVB	ClassTest	To highlight the importance of a signal flow graph for a control system	To highlight the importance of time response for a control system	PO-1,2
27	Mrs.Pooja S	Radar Engineering	VIII A & B	UnitTest	To identify the simple Radar Equation and Block Diagram	Improved knowledge on Radar Basics	PO's-1,2
28	Mrs. Pooja S	Radar Engineering	VIII A & B	UnitTest	To identify the functionality of a Doppler Radar	Improved knowledge on Doppler Radar	PO's-1,2
29	Mrs. Pooja S	Wireless Cellular <E4G Broadband	VIII B	UnitTest	To familiarize the Students with the concept of LTE	Improved knowledge on LTE, competency and time management skills	PO's-1,2

30	Mrs.Pooja S	Wireless Cellular & LTE4G Broadband	VIII B	UnitTest	To familiarize the Students with the concept of LTE	Improved knowledge on LTE, competency and time management skills	PO's-1,2
31	Mrs. Yeshwini.V	Engineering statistics and Linear algebra	IVA & B	Seminar	To improve the self-learning and communication skills of students,	Provided a platform to enhance their knowledge	PO's-1,2,3,4

Table 2.2.1-d: List of Pedagogical Initiatives for the Academic Year 2020-21 (Odd Semester)

Sl No	Name of the Faculty	Course	Sem & Sec	Innovative Pedagogy method	Statement of Goal	Significance of Results	Relevance to PO's and PEOS
1	Dr P N Sudha	Cryptography	VII A & B	Presentation by students	To check the understanding level of Students	Understanding and expressing the concepts, Communication and Presentation skills	PO's-1,2,9, 10
2	Dr P N Sudha	Cryptography	VII A & B	Kahoot Quiz on Euclidean Algorithm	To check the understanding level of Students	The understanding level of Students was assessed through the interactive session	PO's-1,2,4, 5
3	Dr P N Sudha	Cryptography	VII A & B	Unit Test on Galois Fields Concept	To check the understanding level of Students	The understanding level of Students was assessed through the interactive session	PO's-1,2,3
4	Dr P N Sudha	Cryptography	VII A & B	Unit Test on MD5 Algorithm	To find the understanding level of Students	The understanding level of Students was assessed through the interactive session	PO's-1,2,3
5	Dr P N Sudha	Cryptography	VII A & B	Unit Test on GCD	To find the understanding level of Students	The understanding level of Students was assessed through the interactive session	PO's-1,2,3, 4
6	Dr P N Sudha	Cryptography	VII A & B	Kahoot Quiz on Chinese remainder	To find the understanding level of Students	The understanding level of Students was assessed through the	PO's-1,2,3, 4,9

				Algorithm		interactive session	
7	Dr. B. Surekha	Micro waves and Antennas	VII/ A & B	Pick and Speak	To improve self-learning skills, communication skills and ICT usage of students	Improved PPT making and communication skills	PO'S-1,2,,5, 9,10,12
8	Dr. Joy P Prabhakaran	Digital Image Processing	VII/B	Work on an Active Medical Research Problem	Make students get a hands-on feel of the power and utility of image processing	Students learnt about practical applications of image processing and possible future research areas	PO'S-5,6,7, 8,9,10 ,11,12
9	Dr. B. Sudarshan	Computer Organization and Architecture	III/A & B	Kahoot Quiz on Basics of Computer Organization	To make students understand the basics of CO and architecture	learnt about time management in answering and concepts were revised	PO's-1,9,12
10	Mr. Santhosh Kumar B R	Digital System Design	III/A & B	Group Assignment on Simulation using Lab view	To understand the procedure of simulation of logic circuits	Students worked in groups, enhanced technical skills	PO's-5,8,9, 10,11, 12
11	Mrs. Vishalini Divakar	Power Electronics	VII/A & B	Unit Test on Introduction to Power Electronics	To check the level of subject knowledge of students	The understanding level of Students was assessed through the interactive session	PO's-1,2,3, 4,9
12	Mrs. Vishalini Divakar	Power Electronics	VII/A & B	Unit Test on BJTs	To check the level of subject knowledge of students	The understanding level of Students was assessed through the interactive session	PO's-1,2,3, 4,9
13	Mrs. Vishalini Divakar	Power Electronics	VII /A & B	Unit Test on SCRs	To check the level of subject knowledge of students	The understanding level of Students was assessed through the interactive session	PO's-1,2,3, 4,9
14	Mrs. Jayasudha B.S.K	Electromagnetics	V/ A & B	Speak on Inventions	To improve the understanding and analysing ability of Electromagnetics	Knowledge on scientific discoveries and inventions	PO's-8,10,12
15	Mrs. Jayasudha B.S.K	Electromagnetics	V /A & B	Speak on Challenges	To know the challenges in learning Electromagnetics	Better understanding & probable solutions	PO's-8,10,12

16	Mr. Sunil Kumar. G.R	Verilog HDL	V/ A & B	Quiz on Concepts of Verilog HDL	To get familiarity with Verilog language	Improved students knowledge on concepts of Verilog HDL	PO's-1,5,12
17	Mrs.Sangeetha. V	Digital Signal Processing	V/A & B	Class Test on DFT Formulas and Matrix Methods	To check the understanding level of Students of basic DFT	improved remembrance and understanding skill	PO's-1,3,10
18	Mrs.Sangeetha. V	Digital Signal Processing	V /A	Kahoot Quiz on N-Point DFT	To analyse the understanding level of Students of basic DSP	Gain technical knowledge, improves competency and time management skills	PO's-1,3,10
19	Mrs.Sangeetha. V	Digital Signal Processing	V/B	Kahoot Quiz on N-Point DFT	To check the understanding level of Students of basic DFT	Gain technical knowledge on the topics	PO's-1,3,10
20	Mrs.Sangeetha. V	Digital Signal Processing	V/A & B	Guess the Property	To analyse the understanding level of Students of basic Properties	Better insights into the topics	PO's-1,3,10
21	Mr. Praveen. A	IoT & WSN	VII /A & B	Pick and Speak on IoT Applications	To improve self-learning skills, communication skills and ICT usage of students	Improved PPT making and communication skills	PO'S-1,2,5,9,10,12
22	Mr.S.Christo Jain	Power Electronics and Instruments	III A & B	Kahoot Quiz on Instruments	Improve knowledge of PE&I through interaction	Improved problem-solving skills& solved problems for effective understanding	PO'S-5,6,7,8,9,10,11,12
23	Mr.S.Christo Jain	Power Electronics and Instruments	III A & B	Kahoot Quiz on Basics of Electronics and Semiconductor Devices	Improve knowledge of PE&I through interaction	Improved problem-solving skills& solved problems for effective understanding	PO'S-5,6,7,8,9,10,11,12
24	Mr.S.Christo Jain	Power Electronics and Instruments	III A & B	Kahoot Quiz on SCRs	Improve knowledge of PE&I through interaction	Students learnt about possible future research areas in PE&I	PO'S-5,6,7,8,9,10,11,12
25	Mr.Saleem S	Digital Image	VII /A	Mentimeter on	Improve knowledge of	Learnt about possible future	PO's-5,6,10

	Tevaramani	Processing		Morphological Operations	DIP through interactive sessions	research areas in DIP	,12
26	Mr.Saleem S Tevaramani	Satellite Communication	VII /A & B	Mentimeter on Eclipse and Orbital Perturbations	Improve knowledge of satellite communication through interactive sessions	Learnt about possible future research areas in satellite communication	PO's-5,6,10,12
27	Mrs.P. Pragati	Network Theory	III/ A & B	Modern Tool Usage	Improve thinking ability for better understanding and solving	Apply KVL and KCL to electrical circuits	PO's-4,5,6,7,8,9,10,11
28	Mrs.P. Pragati	Network Theory	III/ A & B	Kahoot Quiz on Resonance Concepts	Improve thinking ability for better understanding and solving	Improved thinking ability	PO's-4,5,6,7,8,9,10,11
29	Mrs.Aruna Rao	Information Theory and Coding	V /A&B	Group Assignment on basic concepts of ITC	To know the latest topics in ITC	Students formed groups to discuss the topic chosen and submitted reports of the same	PO'S-8,9,10,11,12
30	Mrs.Aruna Rao	Information Theory and Coding	V /A&B	Flip Class	To understand Kraft Mc Millan Theorem	Students understood the concept Kraft Mc Millan Theorem	PO'S-10,11,12
31	Mrs. Pooja S	Principles of Communication Systems	V/A&B	Unit Test	To analyse students understanding level of pulse modulation and encoding techniques	Gained the knowledge on the topics, improved communication and competency skills	PO's-1,2
32	Mrs. Pooja S	Principles of Communication Systems	V/A&B	Kahoot Quiz	To analyse students understanding level of AM, FM techniques	Better understanding of analog modulation techniques	PO's-1,2
33	Mrs. Pooja S	Principles of Communication Systems	V/A&B	Quiz	To analyse students understanding level channel coding	Understood the concept clearly and answered the questions	PO's-1,2

34	Mrs. Yeshwini. V	Electronic Devices	III/ A &B	Kahoot Quiz on Basics of Transistors	To make students understand the basics of semiconductor devices	Gained the knowledge on the topics and improved their competency skills.	PO's- 1,2,3, 4
35	Mrs. Yeshwini. V	Electronic Devices	III/ A &B	Kahoot Quiz on Basics of FETs	To make students understand the basics of MOSFET and FET	Students understood the concept clearly and answered the questions	PO's- 1,2,3, 4

Table 2.2.1-e: List of Pedagogical Initiatives for the Academic Year 2019-20 (Even Semester)

Sl No	Name of the Faculty	Course	Sem & Sec	Innovative Pedagogy method	Statement of Goal	Significance of Results	Relevance to PO's and PEO S
1	Mrs. Sangeetha.V	Digital Communication	VI/A & B	Kahoot Quiz-1	To analyse students on Communication through band limited channels, ISI solution to solve	Improved their competency skill	PO's-1,3,10
2	Mrs. Sangeetha.V	Digital Communication	VI/A & B	Kahoot Quiz-2	To analyse students on Spread Spectrum Modulation	Gained the knowledge on the topics and improved their competency skill	PO's-1,3,10
3	Mrs. Sangeetha.V	Digital Communication	VI/A & B	Kahoot Quiz-3	To analyse students understanding level of basic satellite communication.	Gained the knowledge on the topics	PO's-1,3,10
4	Mrs. Smitha Mallya	Basic Electronics Engineering	II/A	Kahoot Quiz	Encouraging students with online MCQ method	Better understanding of working of semiconductor devices	PO-9
5	Mrs. Aruna Rao B.P	VLSI Design	VI/A	Unit Test	To familiarize the Students with working of a CMOS inverter in different regions	Students could understand the basics of inverter	PO's-5,6,7
6	Mrs. Aruna Rao B.P	Digital system design using Verilog	VI/B	Unit Test	To familiarize the Students with the concept of memory and its design	Students could understand the basics of fabrication process	PO's-5,6,7
7	Mrs. Jayasudha B.S.K	ARM Microcontroller and embedded system	VI/A & B	Online descriptive test-1	To make students understand the architectural details of ARM cortex M3	students are able to understand and explain the architectural details of ARM cortex	PO'S-1,2

						M3	
8	Mrs. Jayasudha B.S.K	ARM Microcontroller and embedded system	VI/A & B	Online descriptive test-2	To make students understand the stack model of ARM cortex M3	students are able to understand the stack model of ARM cortex M3	PO'S-1,2,3
9	Mr. Sampath Kumar S	Basic Electronics Engineering	II/B	Unit Test	To prepare students for competitive exams	Students gained basic knowledge of Op-amps and Digital electronics	PO-1
10	Mrs. Shilpa V	Control System	IV/B	Unit Test 1	To increase the competitive problem-solving skills of the students	Improved problem-solving capacity in students	PO's-1,2,
11	Mrs. Shilpa V	Control System	IV/B	Unit Test 2	To increase the competitive problem-solving skills of the students	Improved problem-solving capacity in students	PO's-1,2
12	Dr P N Sudha	Control System	IV/A	Unit Test 1	To check the concept of root locus	Thinking and communication skills improved, few topics revised	PO's-1,2,3,6,10
13	Dr P N Sudha	Control System	IV/A	Unit Test 2	To increase the competitive problem-solving skills of the students	Improved problem-solving capacity in students	PO's-1,2
14	Dr P N Sudha	Control System	IV	Unit test 3	To increase the competitive problem-solving skills of the students	Improved problem-solving capacity in students	PO's-1,2
15	Dr. B Surekha	Computer Communication Network	VI/A & B	Mini projects	To improve the practical problem-solving skills of students	Students enrolled for MOOCs and tried to solve the given problem, formed groups and delivered presentation	PO's-1,2,3,4,5,9,10,11

						along with reports	
16	Mr. Sunil Kumar G R	Digital system design using verilog	VI/A	Unit Test	To familiarize students with the concept of design methodology	Formative Assessment of students, Qualitative feedback, Revision of concepts and clarification of doubts	PO's-1,2
17	Dr.P Joy Prabhakaran	Data structures using C++	VI/A & B	Projects	Practical utility of concepts being taught	Better awareness of the role played by Data structures in software	PO's-2,3,6
18	Mrs.Vis halini Divakar	Basic Electrical Engineering	II/F	Kahoot Quiz	To analyse the subject knowledge and understanding level of students	Gain technical knowledge, improves competency and time management skills	PO's-1,2,3,11
19	Mr.Saleem S Tevaramani	Radar engineering	VIII/A & B	Kahoot Quiz	Game based Learning, Review students' knowledge, engage students in a positive learning environment	Gain technical knowledge, improves competency and time management skills	PO's-1,2,4,5
20	Mrs. Preeti Mishra	Basic Electrical Engineering	II E	Kahoot Quiz	To analyse the subject knowledge and understanding level of students	Gain technical knowledge, improves competency and time management skills	PO's-1,2,3,11
21	Dr P N Sudha	Cellular mobile communication	VI A	Unit test - 1	To check concepts of location registration	Students learning level was understood, few topics revised	PO's-1,2,3,6,10
22	Dr P N Sudha	Cellular mobile communication	VI B	Unit test - 2	To check concepts of location registration	Students learning level was understood,	PO's-1,2,3,6,10

						few topics revised	
23	Dr P N Sudha	Cellular mobile communication	VI A	Kahoot Quiz - 1	To check concepts of roaming and handover in GSM	Students learning level was understood, few topics revised	PO's-1,2,3,6
24	Dr P N Sudha	Cellular mobile communication	VI B	Kahoot Quiz - 2	To check concepts of roaming and handover in GSM	Students learning level was understood, few topics revised	PO's-1,2,3,6
25	Dr P N Sudha	Cellular mobile communication	VI A & B	Kahoot Quiz - 3	To check concepts of CDMA Technology	Students learning level was understood, few topics revised	PO's-1,2,3,6
26	Mrs. Priyadarshini	Basic Electrical Engineering	II/G	Kahoot Quiz	To analyse the subject knowledge and understanding level of students	Gain technical knowledge, improves competency and time management skills	PO's-1,2,3,11
27	Mr. Santhosh Kumar B.R	Microcontroller	IV A & B	Writing of Interfacing Diagram	To make students understand mapping and capacity of memory	students were able to understand mapping of memory to 8051MC	PO-10
28	Mr. Praveen A	VLSI Design	VI B	Unit test	To familiarize the Students with the concept of memory and its design	Students could understand the basics of fabrication process	PO's-5,6,7
29	Mrs Pooja S	Wireless & LTE AG Broadband	VIII /B	Unit Test	To familiarize the Students with the concept of LTE	Improved knowledge on LTE, competency and time management skills	PO's-1,2
30	Mrs Sahana Salagare	Fibre optic network	VIII A& B	Kahoot Quiz	To understand the working of different optical	Students understood functioning of	PO-9

		ks			components and optical amplifiers	optical components and optical amplifiers	
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Table 2.2.1-f: List of Pedagogical Initiatives for the Academic Year 2019-20 (Odd Semester)

SI No	Name of the Faculty	Course	Sem & Sec	Innovative Pedagogy method	Statement of Goal	Significance of Results	Relevance to PO's and PEO S
1	Dr. B. Surekha,	Micro waves & Antennas (15EC 71)	VII A & B	Kahoot Quiz on Microwave Components	Game based Learning, Review students' knowledge	Formative Assessment of students, Qualitative feedback, Revision of concepts and clarification of doubts	PO's- 5,9,11
2	Dr. B. Surekha,	Micro waves & Antennas (15EC 71)	VII A & B	Social Awareness Program on "SIDE EFFECTS OF MOBILE PHONE AND WIRELESS RADIATIONS"	Sensitize the students and public to social and environmental issues and holistic development, improve the communication skills and team working capabilities of students, test the learning, thinking and recalling ability of students	-Improved Communication Skills, Team Work, Learning of Technology side effects, Improved concern to Society & Environment	PO's- 5,6,7, 8,9,10,11, 12
3	Dr.B.Sudharshan	Operating System	V /B	Kahoot Quiz on Module - 1	To motivate students to prepare on the topics provided to take the quiz.	Able to actively participate in the quiz and answered the questions.	PO1, PO9, PO12
4	Dr.B.Sudharshan	Operating System	V/A	Kahoot Quiz on Module - 1	To motivate students to prepare on the topics provided to	Able to actively participate in the quiz and	PO1, PO9, PO12

					take the quiz.	answered the questions.	
5	Mrs. Mohan ambica K M	BEE (18EL E13/23)	I B	Kahoot Quiz	To find the subject knowledge, understanding level of Students	learnt about time management in answering and concepts were revised	PO's-1,2,3,11
6	Dr P N Sudha	Cryptography	VII A & B	Kahoot Quiz on Ceasar Cipher	To find the understanding level of Students	Few of the concepts were briefed again during the quiz	PO's-5,6,8,9,11
7	Mrs. Shilpa V	PI (18EC 36)	III B	Kahoot Quiz	For improving the competency skills of students technically.	Competency skills increased and learnt about time management in answering	PO's-1,5,6,7,8,9,11
8	Mrs. Shilpa V	PI (18EC 36)	III B	Rate your understanding	the ratings for each important topic taught in the class is given by students	able to understand the level of teaching and understanding level of students	PO'S-1,3,6,10,11
9	Mrs. Shilpa V	PI (18EC 36)	III B	Mini project	developing projects on the concepts they learnt in the class	can apply the theoretical knowledge and ideas to develop some project which increases the analyzing capability	PO's-1,5,6,8,9,11
10	Dr P N Sudha	Cryptography	VII A & B	Kahoot Quiz on Hill Cipher	To find the understanding level of Students	Few of the concepts were briefed again during the quiz	PO's-5,6,8,9,11
11	Dr P N Sudha	Cryptography	VII A & B	Kahoot Quiz on AES algorithm	To find the understanding level of Students	Few of the concepts were briefed again during the quiz	PO's-5,6,8,9,11
12	Dr P N Sudha	Cryptography	VII A & B	Mind map	To find the understanding level of Students	Few of the concepts were briefed again during the quiz	PO's-5,6,8,9,11
13	Mr. S.	Power	VII	Quiz	Analysed the	competency	PO'S-

	Christo Jain	Electronics			student understanding and remembering skills of subject by asking the questions and answer question by them	skills and time management skills	1,3,6,10,11
14	Mrs. Veda. B	Digital System Design	III A	Kahoot quiz	To find student analysis level, team work, subject knowledge	competency skills and time management skills	PO'S-1,2,9 PEO'S-1,2
15	Mrs. Veda. B	Digital System Design	III A	Mini-project exhibition	To find student analysis level, team work, subject knowledge and implementation of gained knowledge along with communication skills and presentation skills	Students were able to map theoretical concepts to practical applications.	PO'S-1,2,3,5,9,10,11,12 PEO'S-1,2
16	Mrs. Mohan ambica K M	BEE (18EL E13/23)	I B	Kahoot Quiz	To find the subject knowledge, understanding level of Students	learnt about time management in answering and concepts were revised	PO's-1,2,3,11
17	Mrs. Mohan ambica K M	BEE (18EL E13/23)	I B	Surprise group Quiz	To find the subject knowledge, understanding level and team work of the Students	clarified the doubts and subject knowledge has been improved	PO's-1,2,3,11
18	Mrs Aruna Rao B P	Verilog HDL	V A & B	Mini project	To know the depth of understanding of the programming language, and implementation of the same by Students	students were able to write technical papers and publish it in good journals and conferences	PO's-5,6,8,9,11
19	Mrs. P. Pragati	Network	III A & B	Flip Discussi	To improve the understanding and	Thinking and communicatio	PO's-1,2,3,

		Theory		on	analysing ability	n skills improved	4,5,9
20	Mr. Santhosh Kumar. B.R.	DSD	III A & B	Simulation using Multisim	To improve the knowledge of the working of Digital circuit	Students were able to write the report and also simulate the circuit	PO's - 1,2,3, 4,5,9, 10
21	Mr Saleem S Tevaramani	Digital image Processing	VII B	Kahoot Quiz	To improve the understanding and analysing ability of Digital Image processing	Verified the preparedness for exams	PO's- 1,2,8, 9
22	Mr Saleem S Tevaramani	Digital image Processing	VII A	Kahoot Quiz	To improve the understanding and analysing ability of Digital Image processing	Verified the preparedness for exams	PO's- 1,2,8, 9
23	Mrs. Shilpa V	PI (18EC 36)	III B	Write a letter	Convey the interesting concept of their interest related to subject	improves analysing , conveying information skills, improves technical knowledge	PO's- 1,3,7, 8,9,11
24	Mrs. Pooja S.	PI (18EC 36)	III A	Kahoot Quiz on SCR basics, trigger circuits,	Game based Learning, Review students' knowledge	Gain technical knowledge, improves competency and time management skills	PO's- 1,5,6, 7,8,9, 11
25	Mrs. Pooja S.	PI (18EC 36)	III A	Kahoot Quiz on phase-controlled rectifiers, choppers inverters and SMPS	Game based Learning, Review students' knowledge	Gain technical knowledge, improves competency and time management skills	PO's- 1,5,6, 7,8,9, 11
26	Mrs. Jayasudha B S K	DSP (17EC 52)	V A	Role play	Taking the role of filters for better understanding	Better insights into filters	PO's- 1,5,6, 7,8,9, 11
27	Mrs. Jayasud	DSP (17EC	V B	Role play	Taking the role of filters for better	Better insights into filters	PO's- 1,5,6,

	ha B S K	52)			understanding		7,8,9,11
28	Mrs. P. Pragati	NT (18EC 32)	III A & B	Simulation using software	Improve thinking ability for better understanding and solving	Improved problem-solving skills & solved problems for effective understanding	PO'S-1,2,3,4,5,10,11,12 PEO'S-1,2
29	Mrs. P. Pragati	NT (18EC 32)	III A & B	Group Activity (TAPPS)	Improve thinking ability for better understanding and solving	Improved problem-solving skills and solved problems for effective understanding	PO'S-1,2,3,4,8,9,10,12 PEO'S-1,2
30	Mrs. Sahana Salagare	Basic Electronics	I Sem E	Kahoot Quiz on Digital Electronics	To find the understanding level of Students	learnt about time management in answering and concepts were revised	PO's-1,2,3,11
31	Mrs. Sahana Salagare	Basic Electronics	I Sem E	Mini Project	To understand working of various electronic components and build an application. To Develop leadership qualities through effective team work	Learnt about how to build a project and developed presentation skills	PO's-5,6,8,9,11
32	Mrs. R Nithya Kumari	Electronic devices	III sem B	Kahoot Quiz on Module 1 & 2	To estimate students understanding level and the competency of their own classmates	learnt about time management in answering and concepts were revised	PO's - 1,2,3,11
33	Mrs. R Nithya Kumari	Electronic devices	III sem A	Surprise Quiz	To analyse students understanding level and attentiveness in the class	learnt about time management in answering and concepts were revised	PO's - 1,2,3,11
34	Mr. Sunil	Information	V sem	Demonstration of	To understand working of LBC	Students understood the	PO's-2,10

	Kumar G R	n Theory and coding	A	Working of LBC Encoder & Decoder circuit using PPT	encoder and decoder circuit	concept clearly as it looked like an animated video.	
35	Mr. Praveen A	Information Theory and Coding	V sem B	Demonstration on different Channel techniques in encoding using PPT	To know the difference between channel encoders	Students understood the concept clearly	PO's-2,10
36	Mrs. V Sangeetha	Satellite Communication	VII Sem A	Kahoot Quiz-1	To analyse students understanding level of basics of satellite communication	Students understood the concept clearly and answered the questions	PO's-1,3,10
37	Mrs. V Sangeetha	Satellite Communication	VII Sem B	Kahoot Quiz-1	To analyse students understanding level of basics of satellite communication	Gained the knowledge on the topics	PO's-1,3,10
38	Mrs. V Sangeetha	Satellite Communication	VII Sem A	Kahoot Quiz-2	To analyse students understanding level of Multiple access techniques	Improved their competency skill	PO's-1,3,10
39	Mrs. V Sangeetha	Satellite Communication	VII Sem B	Kahoot Quiz-2	To analyse students understanding level of Multiple access techniques	Understood the concept clearly and answered the questions	PO's-1,3,10
40	Mrs. Bhargavi Ananth	Computer Organization and Architecture	III/A &B	Role Play	To make students understand the sequencing and execution of machine instructions	Students understood the execution of machine instructions	PO9, PO10
41	Mrs. Bhargava	Computer	III/A &B	Kahoot Quiz	To prepare the students for the	Students brushed their	PO9, PO10

	vi Ananth	Organizatio n and Archit ecture			concepts related to the basic structures of computers	knowledge and prepared for the internals	
42	Mrs. Bhargavi Ananth	Computer Organizatio n and Archit ecture	III/A &B	Writing Assembl y language code	To evaluate students understanding level in writing Assembly language code	Improvement in understanding of Assembly language coding	PO's-1,5,6,7,8,9,11
43	Mrs. Vishalini Divakar	Basic Electrical Engineering	I/C	Kahoot Quiz	To find the subject knowledge, understanding level of Students	learnt about time management in answering and concepts were revised	PO's-1,2,3,11
44	Mrs. Vishalini Divakar	Basic Electrical Engineering	I/A	Kahoot Quiz	To find the subject knowledge, understanding level and team work of the Students	clarified the doubts and subject knowledge has been improved	PO's-1,2,3,11
45	Mrs. V Sangeetha	Sat Com m.	VII Sem A	Kahoot Quiz-3	To evaluate students understanding level application of satellite communication	Gained the knowledge on the topics and improved their competency skills.	PO's-1,3,10
46	Mrs. V Sangeetha	Sat Com m.	VII Sem B	Kahoot Quiz-3	To evaluate students understanding level application of satellite communication	Students understood the concept clearly and answered the questions	PO's-1,3,10
47	Mr. Sampath Kumar S.	Basic Electronics	I F	Class Test	To check the understanding	Confidence to write Test & Exams	PO-1,2,3,8
48	Mrs. Shilpa V	PI (18EC 36)	III B	Kahoot Quiz on Transducers, Inverters, Power	All questions were from gate exam preparation material. This was more helpful to students for	Competency skills increased and learnt about time management in answering	1,5,6,7,8,9,11

				controlled rectifiers and Bridges	improving their competency skills		
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Table 2.2.1-g: List of Pedagogical Initiatives for the Academic Year 2018-19

Sl. No.	Name of the Faculty	Course	Semester Section	Innovative Pedagogy method	Statement of Goal	Significance of Results	Relevance to PO's and PEOS
1	Dr P N Sudha	Control System	IV A	Unit test	To understand level of learning	Helping to remember concepts	PO's- 5,6,9,10, 8
2	Mrs. Shilpa V	Control System	IV B	Unit test	To understand level of learning	Helping to remember concepts	PO's- 5,6,9,10, 8
3	Mrs. Bhargavi Ananth	Management and Entrepreneurship Development	V/A	Students were divided into groups of 5 and made an innovation on the brand and product	1.To improve the entrepreneurial skills of students 2. To improve the communication skills. 3.To develop team spirit among students	Students came up with innovative ideas to better their products	PO's - 6,7,8,9, 10,11
4	Mrs. Aruna Rao B. P	Microprocessor (17EC46)	IV/B	Mini project + poster making	1.To make students understand the programming aspect 2.To improve logical thinking	Students came up with mini projects with posters	PO's- 5,6,7,8,9, 10

C. Methodologies to support weak students and encourage bright students

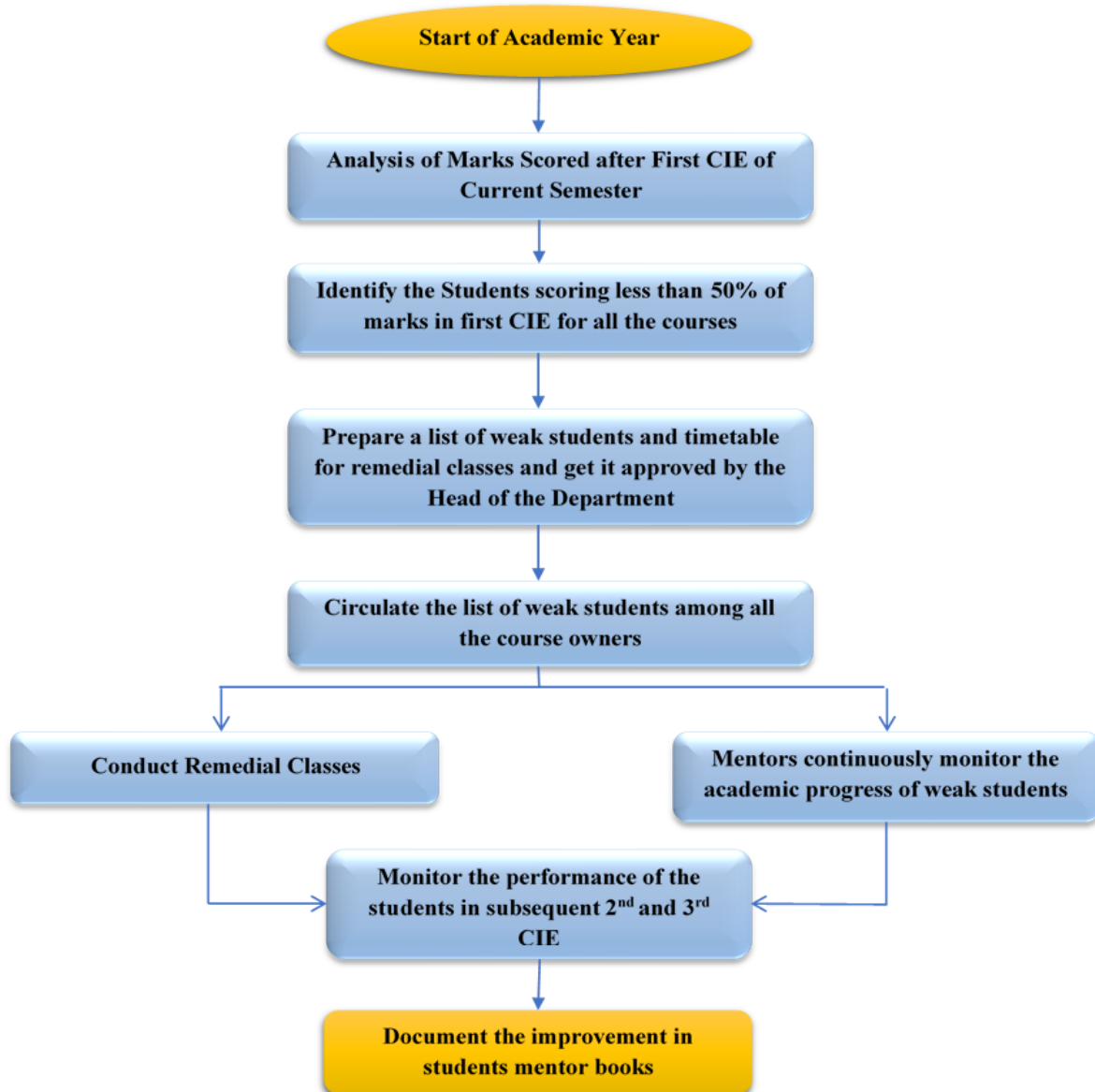


Figure2.2.1-3: Process for identification of weak students (slow learners) and the support given to them

C1. Methodologies to support “weak students” and “slow learners”

- The slow learners are identified based on their performance in first CIE and participation in class room discussion.
- Students who have scored less than 50% of the marks in the first CIE are identified as a slow learners
- Department schedules remedial classes to interact with these students and to motivate them to do well in 2nd and 3rd CIE.

- Faculty highlights students about important concepts in their respective courses and assist students to improve their learning levels by issuing various instructional materials like hand notes, Question bank covering repeatedly asked questions in University question papers and etc.
- Attempts are made by the faculty to give personal attention to these students, where in each faculty is assigned with 20-25 students for mentoring and parents teachers meeting is scheduled as and when necessary.

Table 2.2.1-h: Support given to Weak Students (Slow Learners)

Sl. No.	Academic Year	Target Students	Support given	Effectiveness
1	2016-2017	III/IV SEMESTER	Remedial classes were scheduled and taken after working hours. Continuous monitoring of student's performance through regular counseling.	Students' performance in the second and third CIE was improved and the same was documented.
	2017-2018			
	2018-2019	V/VI SEMESTER		
	2019-2020			
	2020-2021			
	2021-2022	VII/VIII SEMESTER		



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CONSOLIDATED LIST OF SLOW LEARNERS IN VII SEMESTER
FOR THE ACADEMIC YEAR - 2020-2021 (ODD SEMESTER)

SL.N O	USN	NAME OF THE STUDENT
1	1KS16EC001	A.YESWANTH
2	1KS17EC001	ABHISHEK.K.V
3	1KS17EC054	MANOJ.E
4	1KS17EC060	NAGELI JAYASAI NAIDU
5	1KS17EC074	R.YASHAS

A handwritten signature in black ink, appearing to read 'P. Sudha'.

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**CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED
TO BRIGHT IN VII SEMESTER
FOR THE ACADEMIC YEAR - 2020-2021 (ODD SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC001	ABHISHEK.K.V
2	1KS17EC054	MANOJ.E
3	1KS17EC060	NAGELI JAYASAI NAIDU

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CONSOLIDATED LIST OF SLOW LEARNERS IN V SEMESTER
FOR THE ACADEMIC YEAR - 2020-2021 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS18EC004	AISHWARYA BANDIGANI
2	1KS18EC023	DHEERAJ M S
3	1KS18EC082	SHIVA SHANKAR.B
4	1KS18EC106	VINAY S
5	1KS18EC110	VIVEKGOWDA J


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**KSIT DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG**CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT IN V SEMESTER FOR THE ACADEMIC YEAR - 2020-2021 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS18EC004	AISHWARYA BANDIGANI
2	1KS18EC023	DHEERAJ M S
3	1KS18EC082	SHIVA SHANKAR.B
4	1KS18EC106	VINAY S
5	1KS18EC110	VIVEK GOWDA J

A handwritten signature in black ink, appearing to read 'P. Sudha'.

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CONSOLIDATED LIST OF SLOW LEARNERS IN III SEMESTER
FOR THE ACADEMIC YEAR - 2020-2021 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS19EC002	ABHISHEK CHANDRESH
2	1KS19EC013	BHARATH KUMAR R
3	1KS19EC018	CHENNREDDY RAJASEKHAR
4	1KS19EC021	DANESH RAJU V
5	1KS19EC031	HARSHA R
6	1KS19EC038	KARTHIK K
7	1KS19EC050	MONISHA.B.K
8	1KS19EC055	PAVAN KUMAR G R
9	1KS19EC065	RADHA KRISHNA L
10	1KS19EC083	SHREYAS GOWDA
11	1KS19EC097	TEJASHWINI P V
12	1KS19EC105	VINUTH S REDDY
13	1KS19EC108	YASHASWINI N
14	1KS19ET002	CHAITRA C
15	1KS19ET006	N NELBIN
16	1KS18TE005	ANKITHA. N

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**CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT IN III
SEMESTER FOR THE ACADEMIC YEAR - 2020-2021 (ODD SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS19EC050	MONISHA.B.K
2	1KS19EC055	PAVAN KUMAR G R
3	1KS19EC065	RADHA KRISHNA L
4	1KS19EC083	SHREYAS GOWDA
5	1KS19EC097	TEJASHWINI P V
6	1KS18TE005	ANKITHA. N
7	1KS19EC018	CHENNREDDY RAJASEKHAR
8	1KS19EC021	DANESH RAJU V
9	1KS19EC031	HARSHA R

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CONSOLIDATED LIST OF SLOW LEARNERS IN VIII SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (EVEN SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS14EC085	RANAJITHKUMAR N
2	1KS14EC117	YASH RAI
3	1KS15EC071	PUCHAKAYALA HEMANATH CHOWDARY
4	1KS16EC035	KARTHIK.K
5	1KS16EC087	SHREYA SRINIVAS
6	1KS16EC092	SKANDA.N
7	1KS16EC098	SUHAS.M.V
8	1KS16EC105	VARSHINI.K.S
9	1KS16EC406	DARSHAN D
10	1KS16EC416	ISHWAR MANNIKERI

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**CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO
BRIGHT IN VIII SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (EVEN SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC087	SHREYA SRINIVAS
2	1KS16EC035	KARTHIK.K

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CONSOLIDATED LIST OF SLOW LEARNERS IN VI SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (EVEN SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC038	KSHITIZ GURUNG
2	1KS16EC068	PURUSHOTHAMA.V
3	1KS16EC086	SHIVDATT .B
4	1KS16EC113	VINAYAK.Y.BAJANTRI
5	1KS17EC003	AKKSHAY.U.L
6	1KS17EC011	ANUPAM.M.L
7	1KS17EC026	CHETHAN.D.R
8	1KS17EC031	DEVALE SUDARSHAN
9	1KS17EC033	DHAKSHITH.N.K
10	1KS17EC038	GOPINATH.H.C
11	1KS17EC046	LAKSHAN.N.S
12	1KS17EC052	MAHADEVA.G
13	1KS17EC053	MAMATHA.K.S
14	1KS16EC001	A.YESWANTH
15	1KS17EC058	MONISHA.A
16	1KS17EC060	NAGELI JAYASAI NAIDU
17	1KS17EC065	NIKHIL.V
18	1KS17EC070	PRAJWAL SIMHA.S
19	1KS17EC074	R.YASHAS
20	1KS17EC077	RAJESH.C.S
21	1KS17EC082	RUTHVIK RAVISH
22	1KS17EC087	SHAMANTH RAJ.D.N


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**CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT IN VI
SEMESTER FOR THE ACADEMIC YEAR - 2019-2020 (EVEN SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC046	LAKSHAN.N.S
2	1KS17EC060	NAGELI JAYASAI NAIDU
3	1KS17EC065	NIKHIL.V
4	1KS17EC087	SHAMANTH RAJ.D.N
5	1KS16EC001	A.YESWANTH
6	1KS17EC074	R.YASHAS
7	1KS16EC068	PURUSHOTHAMA.V
8	1KS16EC038	KSHITIZ GURUNG
9	1KS16EC086	SHIVDATT .B
10	1KS16EC113	VINAYAK.Y.BAJANTRI
11	1KS17EC031	DEVALE SUDARSHAN
12	1KS17EC052	MAHADEVA.G
13	1KS17EC058	MONISHA.A
14	1KS17EC053	MAMATHA.K.S
15	1KS17EC077	RAJESH.C.S
16	1KS17EC082	RUTHVIK RAVISH
17	1KS17EC003	AKKSHAY.U.L
18	1KS17EC011	ANUPAM.M.L

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CONSOLIDATED LIST OF SLOW LEARNERS IN IV SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (EVEN SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC034	DHEERAJ RAJ P
2	1KS18EC001	A N BHOO MIKA CHOWDARY
3	1KS18EC003	ADITHI.S
4	1KS18EC004	AISHWARYA BANDIGANI
5	1KS18EC007	AKHILA V
6	1KS18EC008	ANAGHA S
7	1KS18EC009	ANANYA ANANTH
8	1KS18EC010	ASHRITHA S C
9	1KS18EC011	AYEESHA RUMAN
10	1KS18EC012	C A SUSHMA
11	1KS18EC015	CHARAN G
12	1KS18EC017	CHITHRITHA G R
13	1KS18EC020	DEEKSHA S N
14	1KS18EC030	HARSH SHARMA
15	1KS18EC037	K RISHIKA RAVI
16	1KS18EC038	KARISHMA M
17	1KS18EC040	LAVANYA M
18	1KS18EC042	MAHANTH SAI M
19	1KS18EC050	NAGA OMKAR N
20	1KS18EC052	NAMITH R
21	1KS18EC055	NIROSHA G J
22	1KS18EC056	NISHANTH J RAO
23	1KS18EC071	RASETTY SANDEEP
24	1KS18EC080	SHASHANK H K
25	1KS18EC086	SHRIKANTH C K
26	1KS18EC098	THANUSHREE D
27	1KS18EC106	VINAY S
28	1KS19EC401	KARTHIK B P
29	1KS19EC404	PAVAN C N
30	1KS19EC405	PRUTHVI DINESH

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**CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT IN
IV SEMESTER FOR THE ACADEMIC YEAR - 2019-2020 (EVEN SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC034	DHEERAJ RAJ P
2	1KS18EC001	A N BHOOMIKA CHOWDARY
3	1KS18EC003	ADITHI.S
4	1KS18EC004	AISHWARYA BANDIGANI
5	1KS18EC007	AKHILA V
6	1KS18EC008	ANAGHA S
7	1KS18EC009	ANANYA ANANTH
8	1KS18EC010	ASHRITHA S C
9	1KS18EC011	AYEESHA RUMAN
10	1KS18EC012	C A SUSHMA
11	1KS18EC015	CHARAN G
12	1KS18EC017	CHITHRITHA G R
13	1KS18EC020	DEEKSHA S N
14	1KS18EC030	HARSH SHARMA
15	1KS18EC040	LAVANYA M
16	1KS18EC050	NAGA OMKAR N
17	1KS18EC052	NAMITH R
18	1KS18EC055	NIROSHA G J
19	1KS18EC056	NISHANTH J RAO

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CONSOLIDATED LIST OF SLOW LEARNERS IN VII SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC003	ABHISHEK.A.NANDYAL
2	1KS16EC004	ADITHYA.D.M
3	1KS16EC009	ANIRUDH.K.N
4	1KS16EC010	ANUSHA RAJ.D
5	1KS16EC014	AYUSH RAJ
6	1KS16EC016	BHARATH.R
7	1KS16EC018	BRUNDA.S
8	1KS16EC025	DEEPIKA.M
9	1KS16EC028	HARSHINI.B.S
10	1KS16EC035	KARTHIK.K
11	1KS16EC039	L.S.BABY RAM
12	1KS16EC042	LOKESH.S
13	1KS16EC044	MADHU.G
14	1KS16EC045	MADHU.N
15	1KS16EC048	MANJUNATHA.B.S
16	1KS16EC049	MEENAKSHI.A
17	1KS16EC056	NAVEEN
18	1KS16EC057	NEHA.J.KOTWAL
19	1KS16EC059	NIKITA BALAPPA NARASANNAVAR
20	1KS16EC419	KUMARA B N
21	1KS16EC430	RAKESH K.M.
22	1KS17EC400	ARPITHA.C.V
23	1KS17EC402	ASOK KUMAR
24	1KS17EC404	CHANDRAKALA.K.S
25	1KS17EC406	HARITHA K
26	1KS14EC085	RANAJITHKUMAR N
27	1KS14EC068	POOJA P G
28	1KS14EC107	SUMUKHA S RAM
29	1KS14EC117	YASH RAI
30	1KS15EC071	PUCHAKAYALA HEMANATH CHOWDARY
31	1KS16EC060	ONKAR MISHRA
32	1KS16EC062	PRATHAM KUMAR.D
33	1KS16EC065	PRAVEEN TULASIDAS NAIK
34	1KS16EC067	PRIYA.S
35	1KS16EC070	RAHUL KUMAR
36	1KS16EC074	RAVI TEJA.M
37	1KS16EC077	SACHIN.M.G
38	1KS16EC082	SANANDA RAO.K.S

39	1KS16EC083	SARAH AHMED
40	1KS16EC084	SAURAV KUMAR
41	1KS16EC085	SHEETHAL.J.RAO
42	1KS16EC087	SHREYA SRINIVAS
43	1KS16EC088	SHREYAS.K.V
44	1KS16EC089	SHREYASHWINI.V
45	1KS16EC091	SHYLESH RAJ.T.D
46	1KS16EC092	SKANDA.N
47	1KS16EC095	SPURTHI.M.K
48	1KS16EC098	SUHAS.M.V
49	1KS16EC103	TEJAS.P
50	1KS16EC105	VARSHINI.K.S
51	1KS16EC106	VASUDEVA UPADHYA.K.S
52	1KS16EC111	VIGNESHKUMAR.V
53	1KS16EC112	VINAY.N
54	1KS16EC114	VINOD KUMAR.P
55	1KS16EC115	VISMITHA SONNA SATHYANARAYANA
56	1KS16EC401	AKASH B N
57	1KS16EC416	ISHWAR MANNIKERI
58	1KS17EC407	HARSHA C M
59	1KS17EC408	HARSHITH . K
60	1KS17EC409	PRABHAVATHI.K
61	1KS17EC413	TEJASWINI B
62	1KS16EC119	SONIA STANLEY LOUIS
63	1KS16EC117	HEMALATHA D S



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CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT IN VII SEMESTER FOR THE ACADEMIC YEAR - 2019-2020 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS14EC068	POOJA P G
2	1KS16EC016	BHARATH.R
3	1KS16EC003	ABHISHEK.A.NANDYAL
4	1KS16EC009	ANIRUDH.K.N
5	1KS16EC010	ANUSHA RAJ.D
6	1KS16EC025	DEEPIKA.M
7	1KS16EC018	BRUNDA.S
8	1KS16EC039	L.S.BABY RAM
9	1KS16EC042	LOKESH.S
10	1KS16EC045	MADHU.N
11	1KS16EC049	MEENAKSHI.A
12	1KS16EC056	NAVEEN
13	1KS16EC057	NEHA.J.KOTWAL
14	1KS16EC059	NIKITA BALAPPA NARASANNAVAR
15	1KS14EC107	SUMUKHA S RAM
16	1KS14EC117	YASH RAI
17	1KS15EC071	PUCHAKAYALA HEMANATH CHOWDARY
18	1KS16EC106	VASUDEVA UPADHYA.K.S
19	1KS16EC067	PRIYA.S
20	1KS16EC084	SAURAV KUMAR
21	1KS16EC085	SHEETHAL.J.RAO
22	1KS16EC095	SPURTHI.M.K
23	1KS17EC400	ARPITHA.C.V
24	1KS17EC404	CHANDRAKALA.K.S
25	1KS16EC111	VIGNESHKUMAR.V



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CONSOLIDATED LIST OF SLOW LEARNERS IN V SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC038	KSHITIZ GURUNG
2	1KS16EC068	PURUSHOTHAMA.V
3	1KS16EC086	SHIVDATT .B
4	1KS16EC113	VINAYAK.Y.BAJANTRI
5	1KS17EC001	ABHISHEK.K.V
6	1KS17EC002	ABIJITH SUDHIR
7	1KS17EC006	AMULYA.S.IYENGAR
8	1KS17EC007	ANA EPSIBA.F
9	1KS17EC010	ANOOP DEEKSHITH.R
10	1KS17EC012	ANUSHA.L
11	1KS17EC013	ANUSHREE.M
12	1KS17EC016	ARPITHA
13	1KS17EC017	ASIYA FATHIMA.N
14	1KS17EC018	AYESHA ROSHEEN
15	1KS17EC021	BHAVANA.J
16	1KS17EC025	CHARAN SAI.Y
17	1KS17EC026	CHETHAN.D.R
18	1KS17EC027	CHETHAN.G
19	1KS17EC028	CHETHANA.K.S
20	1KS17EC031	DEVALE SUDARSHAN
21	1KS17EC033	DHAKSHITH.N.K
22	1KS17EC038	GOPINATH.H.C
23	1KS17EC039	GOWTHAM.B
24	1KS17EC041	H.G.SRINIDHI
25	1KS17EC044	KAMNOOR SUSHMA
26	1KS17EC046	LAKSHAN.N.S
27	1KS17EC049	RANJITH.M
28	1KS17EC052	MAHADEVA.G
29	1KS17EC053	MAMATHA.K.S
30	1KS17EC054	MANOJ.E
31	1KS17EC055	MANOJ KUMAR.R
32	1KS17EC057	MOHAMMED SADATH
33	1KS17EC058	MONISHA.A
34	1KS17EC060	NAGELI JAYASAI NAIDU
35	1KS17EC063	NAVYA.S
36	1KS17EC065	NIKHIL.V
37	1KS17EC068	PENUJURI NAGA SAI SNEHITHA
38	1KS17EC069	PRAJWAL.C

39	1KS17EC070	PRAJWAL SIMHA.S
40	1KS17EC073	PRUTHVIRAJ.N
41	1KS17EC074	R.YASHAS
42	1KS17EC075	RACHANA.S
43	1KS17EC077	RAJESH.C.S
44	1KS17EC079	RITU PATIL
45	1KS17EC082	RUTHVIK RAVISH
46	1KS17EC086	SANDEEP KUMAR.M
47	1KS17EC087	SHAMANTH RAJ.D.N
48	1KS17EC089	SHRAVYA.S.ACHARYA
49	1KS17EC093	SUPRIYA.V
50	1KS17EC095	SUSHMITHA.B.L
51	1KS17EC101	VAISHNAVI.S
52	1KS18EC403	HARSHITHA B
53	1KS18EC406	MAHADEVA G R
54	1KS18EC408	VANITHA C



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CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT IN V
SEMESTER FOR THE ACADEMIC YEAR - 2019-2020 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC001	ABHISHEK.K.V
2	1KS17EC002	ABIJITH SUDHIR
3	1KS17EC006	AMULYA.S.IYENGAR
4	1KS17EC010	ANOOP DEEKSHITH.R
5	1KS17EC013	ANUSHREE.M
6	1KS17EC016	ARPITHA
7	1KS17EC025	CHARAN SAI.Y
8	1KS17EC026	CHETHAN.D.R
9	1KS17EC027	CHETHAN.G
10	1KS17EC031	DEVALE SUDARSHAN
11	1KS17EC033	DHAKSHITH.N.K
12	1KS17EC038	GOPINATH.H.C
13	1KS17EC039	GOWTHAM.B
14	1KS17EC044	KAMNOOR SUSHMA
15	1KS17EC049	RANJITH.M
16	1KS17EC052	MAHADEVA.G
17	1KS17EC053	MAMATHA.K.S
18	1KS17EC054	MANOJ.E
19	1KS17EC055	MANOJ KUMAR.R
20	1KS17EC058	MONISHA.A
21	1KS17EC060	NAGELI JAYASAI NAIDU
22	1KS17EC065	NIKHIL.V
23	1KS17EC070	PRAJWAL SIMHA.S
24	1KS17EC073	PRUTHVIRAJ.N
25	1KS17EC074	R.YASHAS
26	1KS17EC073	PRUTHVIRAJ.N

27	1KS17EC074	R.YASHAS
28	1KS17EC082	RUTHVIK RAVISH
29	1KS17EC087	SHAMANTH RAJ.D.N
30	1KS17EC089	SHRAVYA.S.ACHARYA
31	1KS17EC095	SUSHMITHA.B.L
32	1KS17EC101	VAISHNAVI.S
33	1KS18EC403	HARSHITHA B
34	1KS18EC408	VANITHA C
35	1KS16EC038	KSHITIZ GURUNG



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**CONSOLIDATED LIST OF SLOW LEARNERS IN III SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (ODD SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC034	DHEERAJ RAJ P
2	1KS18EC004	AISHWARYA BANDIGANI
3	1KS18EC005	AISHWARYA R
4	1KS18EC008	ANAGHA S
5	1KS18EC009	ANANYA ANANTH
6	1KS18EC011	AYEESHA RUMAN
7	1KS18EC012	C A SUSHMA
8	1KS18EC013	C M CHAITHANYA VARDHAN
9	1KS18EC014	CHANDAN Y C
10	1KS18EC016	CHINNAPU CHARAN TEJA REDDY
11	1KS18EC018	DARSHAN V
12	1KS18EC020	DEEKSHA S N
13	1KS18EC024	DHRITHIRHUTH RAJANNA
14	1KS18EC027	G.J.NITHIN
15	1KS18EC034	JHANA VI V
16	1KS18EC038	KARISHMA M
17	1KS18EC039	KOMALA K V
18	1KS18EC051	NAGASHREE A
19	1KS18EC052	NAMITH R
20	1KS18EC055	NIROSHA G J
21	1KS18EC056	NISHANTH J RAO
22	1KS18EC059	PAVAN KUMAR P
23	1KS18EC068	RAJ KRISHNA
24	1KS18EC069	RAJATH S BHUSHAN
25	1KS18EC071	RASETTY SANDEEP
26	1KS18EC073	RITHVIK P
27	1KS18EC077	SAGAR T C
28	1KS18EC080	SHASHANK H K
29	1KS18EC086	SHRIKANTH C K
30	1KS18EC087	SIRI RAVINATH
31	1KS18EC091	SUDHEER B
32	1KS18EC097	THANUSH R S
33	1KS18EC100	VAKKALA GADDA ANIL
34	1KS18EC103	VASANTH PAI.M
35	1KS18EC105	VINAY K
36	1KS19EC400	HEMANTHA V
37	1KS19EC401	KARTHIK B P
38	1KS19EC402	KRISHNAPRASAD B
39	1KS19EC404	PAVAN C N

40	1KS19EC405	PRUTHVI DINESH
41	1KS19EC406	RAGHOTHAM C G
42	1KS19EC407	SADANA M
43	1KS19EC408	SINDHU G



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CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT
IN III SEMESTER FOR THE ACADEMIC YEAR - 2019-2020 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC034	DHEERAJ RAJ P
2	1KS18EC004	AISHWARYA BANDIGANI
3	1KS18EC011	AYEESHA RUMAN
4	1KS18EC008	ANAGHA S
5	1KS18EC009	ANANYA ANANTH
6	1KS18EC012	C A SUSHMA
7	1KS18EC013	C M CHAITHANYA VARDHAN
8	1KS18EC014	CHANDAN Y C
9	1KS18EC018	DARSHAN V
10	1KS18EC020	DEEKSHA S N
11	1KS18EC024	DHRITHIRHUTH RAJANNA
12	1KS18EC027	G.J.NITHIN
13	1KS18EC034	JHANA VI V
14	1KS18EC038	KARISHMA M
15	1KS18EC039	KOMALA K V
16	1KS18EC051	NAGASHREE A
17	1KS18EC052	NAMITH R
18	1KS18EC056	NISHANTH J RAO
19	1KS18EC059	PAVAN KUMAR P
20	1KS18EC068	RAJ KRISHNA
21	1KS18EC069	RAJATH S BHUSHAN
22	1KS18EC071	RASETTY SANDEEP
23	1KS18EC073	RITHVIK P
24	1KS18EC077	SAGAR T C
25	1KS18EC080	SHASHANK H K
26	1KS18EC086	SHRIKANTH C K
27	1KS18EC097	THANUSH R S
28	1KS18EC100	VAKKALA GADDA ANIL
29	1KS18EC103	VASANTH PAI.M
30	1KS18EC105	VINAY K
31	1KS19EC400	HEMANTHA V
32	1KS19EC401	KARTHIK B P
33	1KS19EC402	KRISHNAPRASAD B
34	1KS19EC408	SINDHU G
35	1KS19EC406	RAGHOTHAM C G
36	1KS19EC404	PAVAN C N
37	1KS19EC407	SADANA M

38	1KS19EC405	PRUTHVI DINESH
39	1KS16EC005	AKASH CHANDRAPPA GURUVANNAVAR (18 Scheme)



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CONSOLIDATED LIST OF SLOW LEARNERS IN VIII SEMESTER
FOR THE ACADEMIC YEAR - 2018-2019 (EVEN SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS15EC034	HARSHITHA.G.BHAT
2	1KS15EC042	KISHORE BHAT.U
3	1KS15EC045	M.SRI SAI CHARITHA
4	1KS15EC055	MUKUL VENKATESH
5	1KS16EC400	AJAYA KUMAR .L
6	1KS16EC402	ASHWINI .A
7	1KS16EC410	DHANRAJ
8	1KS16EC411	DHANUSH K.A
9	1KS16EC417	JAGADISH. S
10	1KS16EC420	MADHUCHANDAN . R
11	1KS14EC106	SUMANTH R
12	1KS15EC058	NALLANI PRIYA
13	1KS15EC059	NANDA.S
14	1KS15EC065	POOJA.N.RAO
15	1KS15EC072	PUNITH.N
16	1KS15EC078	RATAN BHAGAT
17	1KS15EC079	ROOPA.N
18	1KS15EC080	SAI PRANAV.S
19	1KS15EC081	SAMEER SRIVATSA
20	1KS15EC089	SATHWIK JAIN.B.N
21	1KS15EC102	THANUSHA.S.V
22	1KS15EC109	NAGATEJA . P
23	1KS16EC424	NAMRATHA .T.R
24	1KS16EC434	SUJAN . G
25	1KS16EC436	SUSHANT KORENNAWAR
26	1KS16EC439	YATHISH S.J

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**CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT IN
VIII SEMESTER FOR THE ACADEMIC YEAR - 2018-2019 (EVEN SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS15EC079	ROOPA.N
2	1KS15EC089	SATHWIK JAIN.B.N

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**CONSOLIDATED LIST OF SLOW LEARNERS IN VI SEMESTER
FOR THE ACADEMIC YEAR - 2018-2019 (EVEN SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS14EC101	SOWJANYA K N
2	1KS15EC422	HARSHA S
3	1KS16EC003	ABHISHEK.A.NANDYAL
4	1KS16EC006	AKASH MAHANTESH HOSAMANI
5	1KS16EC010	ANUSHA RAJ.D
6	1KS16EC014	AYUSH RAJ
7	1KS16EC018	BRUNDA.S
8	1KS16EC024	DEEPAK LAMANI
9	1KS16EC025	DEEPIKA.M
10	1KS16EC030	H.M.NIKHIL JAMADAGNI
11	1KS16EC031	JAYAM HARESH THARUN
12	1KS16EC035	KARTHIK.K
13	1KS16EC037	KRISHNA.D
14	1KS16EC039	L.S.BABY RAM
15	1KS16EC043	SURYA.M
16	1KS16EC044	MADHU.G
17	1KS16EC048	MANJUNATHA.B.S
18	1KS16EC051	MOHAMMED WALEED
19	1KS16EC056	NAVEEN
20	1KS16EC419	KUMARA B N
21	1KS16EC430	RAKESH K.M.
22	1KS17EC402	ASOK KUMAR
23	1KS17EC406	HARITHA K
24	1KS14EC068	POOJA P G
25	1KS14EC107	SUMUKHA S RAM
26	1KS14EC117	YASH RAI
27	1KS16EC060	ONKAR MISHRA
28	1KS16EC062	PRATHAM KUMAR.D
29	1KS16EC070	RAHUL KUMAR
30	1KS16EC073	RAVI NANDAN
31	1KS16EC074	RAVI TEJA.M
32	1KS16EC077	SACHIN.M.G
33	1KS16EC082	SANANDA RAO.K.S
34	1KS16EC083	SARAH AHMED
35	1KS16EC084	SAURAV KUMAR
36	1KS16EC088	SHREYAS.K.V
37	1KS16EC090	SHRINIDHI.N.S
38	1KS16EC098	SUHAS.M.V
39	1KS16EC103	TEJAS.P

40	1KS16EC111	VIGNESHKUMAR.V
41	1KS16EC112	VINAY.N
42	1KS16EC114	VINOD KUMAR.P
43	1KS16EC401	AKASH B N
44	1KS17EC407	HARSHA C M
45	1KS17EC408	HARSHITH. K
46	1KS15EC071	PUCHAKAYALA HEMANATH CHOWDARY



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K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT IN VI
SEMESTERFOR THE ACADEMIC YEAR - 2018-2019 (EVEN SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC003	ABHISHEK.A.NANDYAL
2	1KS16EC006	AKASH MAHANTESH HOSAMANI
3	1KS16EC007	SUMUKHA S. RAM
4	1KS16EC037	KRISHNA.D
5	1KS16EC051	MOHAMMED WALEED
6	1KS16EC419	KUMARA B N
7	1KS14EC101	SOWJANYA K N
8	1KS16EC056	NAVEEN
9	1KS16EC074	RAVI TEJA.M
10	1KS16EC077	SACHIN.M.G
11	1KS16EC082	SANANDA RAO.K.S
12	1KS16EC083	SARAH AHMED
13	1KS16EC088	SHREYAS.K.V
14	1KS17EC402	ASOK KUMAR
15	1KS17EC406	HARITHA K
16	1KS17EC407	HARSHA C M
17	1KS16EC084	SAURAV KUMAR
18	1KS16EC062	PRATHAM KUMAR.D

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**CONSOLIDATED LIST OF SLOW LEARNERS IN III SEMESTER
FOR THE ACADEMIC YEAR - 2018-2019 (ODD SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC005	AMOGHAVARSHA.N.D
2	1KS17EC006	AMULYA.S.IYENGAR
3	1KS17EC008	ANAGHA.A.KASHYAP
4	1KS17EC014	ANUSHRI.V.K
5	1KS17EC016	ARPITHA
6	1KS17EC017	ASIYA FATHIMA.N
7	1KS17EC018	AYESHA ROSHEEN
8	1KS17EC021	BHAVANA.J
9	1KS17EC026	CHETHAN.D.R
10	1KS17EC027	CHETHAN.G
11	1KS17EC031	DEVALE SUDARSHAN
12	1KS17EC033	DHAKSHITH.N.K
13	1KS17EC037	GAGAN KUMAR.G
14	1KS17EC040	G.S.SURABHI
15	1KS17EC042	JEEVAN.R.S
16	1KS17EC043	K.SHREYA
17	1KS17EC047	LEKHA YADAV.B
18	1KS16EC001	A.YESWANTH
19	1KS16EC068	PURUSHOTHAMA.V
20	1KS16EC113	VINAYAK.Y.BAJANTRI
21	1KS18EC400	ABHISHEK C L
22	1KS18EC402	DILEEP V
23	1KS18EC404	KISHOR KUMAR N
24	1KS18EC405	KISHORE R
25	1KS18EC406	MAHADEVA G R
26	1KS17EC053	MAMATHA.K.S
27	1KS17EC054	MANOJ.E
28	1KS17EC058	MONISHA.A
29	1KS17EC065	NIKHIL.V
30	1KS17EC066	PALLAVI.S
31	1KS17EC067	PAVAN PRASAD.R
32	1KS17EC070	PRAJWAL SIMHA.S
33	1KS17EC073	PRUTHVIRAJ.N
34	1KS17EC074	R.YASHAS
35	1KS17EC077	RAJESH.C.S
36	1KS17EC082	RUTHVIK RAVISH
37	1KS17EC083	SAHANA.G.P
38	1KS17EC086	SANDEEP KUMAR.M
39	1KS17EC087	SHAMANTH RAJ.D.N

40	1KS17EC088	SHIVANI.K
41	1KS17EC089	SHRAVYA.S.ACHARYA
42	1KS17EC101	VAISHNAVIS
43	1KS16EC038	KSHITIZ GURUNG
44	1KS18EC401	BHAVANI V
45	1KS18EC403	HARSHITHA B
46	1KS18EC408	VANITHA C



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K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT IN III
SEMESTER FOR THE ACADEMIC YEAR - 2018-2019 (ODD SEMESTER)

SL.NO	USN	STUDENT NAME
1	1KS17EC006	AMULYA.S.IYENGAR
2	1KS17EC008	ANAGHA.A.KASHYAP
3	1KS17EC014	ANUSHRI.V.K
4	1KS17EC017	ASIYA FATHIMA.N
5	1KS17EC018	AYESHA ROSHEEN
6	1KS17EC021	BHAVANA.J
7	1KS17EC073	PRUTHVIRAJ.N
8	1KS17EC026	CHETHAN.D.R
9	1KS17EC027	CHETHAN.G
10	1KS17EC031	DEVALE SUDARSHAN
11	1KS17EC037	GAGAN KUMAR.G
12	1KS16EC038	KSHITIZ GURUNG
13	1KS17EC040	G.S.SURABHI
14	1KS17EC042	JEEVAN.R.S
15	1KS17EC047	LEKHA YADAV.B
16	1KS17EC053	MAMATHA.K.S
17	1KS17EC054	MANOJ.E
18	1KS17EC058	MONISHA.A
19	1KS17EC065	NIKHIL.V
20	1KS17EC066	PALLAVI.S
21	1KS17EC067	PAVAN PRASAD.R
22	1KS17EC070	PRAJWAL SIMHA.S
23	1KS17EC074	R.YASHAS
24	1KS17EC077	RAJESH.C.S
25	1KS17EC086	SANDEEP KUMAR.M
26	1KS17EC087	SHAMANTH RAJ.D.N
27	1KS17EC088	SHIVANI.K
28	1KS17EC101	VAISHNAVI.S
29	1KS16EC113	VINAYAK.Y.BAJANTRI
30	1KS18EC400	ABHISHEK C L
31	1KS18EC401	BHAVANI V
32	1KS18EC403	HARSHITHA B
33	1KS18EC404	KISHOR KUMAR N
34	1KS18EC405	KISHORE R

35	1KS18EC406	MAHADEVA G R
36	1KS18EC408	VANITHA C



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K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF SLOW LEARNERS IMPROVED TO BRIGHT
IN V SEMESTER FOR THE ACADEMIC YEAR - 2018-2019 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC409	PRABHAVATHI.K
2	1KS16EC073	RAVI NANDAN
3	1KS16EC114	VINOD KUMAR.P
4	1KS14EC068	POOJA P G
5	1KS16EC039	L.S.BABY RAM
6	1KS16EC056	NAVEEN
7	1KS16EC026	DIVYALAKSHMI.G
8	1KS17EC406	HARITHA K
9	1KS15EC422	HARSHA S

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Sample Slow Learners Circular:**K. S. INSTITUTE OF TECHNOLOGY**

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-5600109

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year 2020-2021 ODD

Date: 5/10/2020

CIRCULAR

The Time Table for the remedial classes for slow learners is scheduled as indicated below.
The subject handling teachers are requested to take the classes

Third Semester				
1	18MAT31	12 th Oct 2020	19 th Oct 2020	2 nd Nov 2020
2	18EC32	13 th Oct 2020	20 th Oct 2020	27 th Oct 2020
3	18EC33	14 th Oct 2020	21 st Oct 2020	28 th Oct 2020
4	18EC34	15 th Oct 2020	23 rd Oct 2020	29 th Oct 2020
5	18EC35	16 th Oct 2020	22 nd Oct 2020	6 th Nov 2020
6	18EC36	10 th Oct 2020	24 th Oct 2020	7 th Nov 2020
Fifth Semester				
7	18EC51	12 th Oct 2020	19 th Oct 2020	2 nd Nov 2020
8	18EC52	13 th Oct 2020	20 th Oct 2020	27 th Oct 2020
9	18EC53	14 th Oct 2020	21 st Oct 2020	28 th Oct 2020
10	18EC54	15 th Oct 2020	23 rd Oct 2020	29 th Oct 2020
11	18EC553	16 th Oct 2020	22 nd Oct 2020	6 th Nov 2020
12	18EC562	10 th Oct 2020	24 th Oct 2020	7 th Nov 2020
Seventh Semester				
13	17EC71	12 th Oct 2020	19 th Oct 2020	2 nd Nov 2020
14	17EC72	13 th Oct 2020	20 th Oct 2020	27 th Oct 2020
15	17EC73	27 th Sept 2019	30 th Sept 2019	3 rd Oct 2019
16	17EC744	14 th Oct 2020	21 st Oct 2020	28 th Oct 2020
17	17EC755	15 th Oct 2020	23 rd Oct 2020	29 th Oct 2020


 HOD-ECE

HEAD OF THE DEPARTMENT
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 K.S. Institute of Technology
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Sample Slow Learners Marks after Remedial Class:

Sl.No	USN Number	Name of the students	First Test Marks	Second Test Marks	Third Test Marks
1.	1KS17EC017	Asiya Fathima.N	10	18	13
2.	1KS17EC031	Devale Sudharsan	14	17	19
3.	1KS17EC047	Lekha Yadav.B	12	19	21
4.	1KS16EC113	Vinayak.Y.Bajantri	13	18	AB
5.	1KS16EC001	A.Yeswanth	02	12	10
6.	1KS18EC400	Abhishek	06	14	07
7.	1KS18EC402	Dileep	08	09	07
8.	1KS18EC405	Kishore R	07	15	05
9.	1KS18EC404	Kishore Kumar N	06	07	09

V.Sangeetha
Name and Signature of the Faculty

Signature of the HOD

C2. Process to identify the “Bright students”:

Department identifies those students who does not fall under category of slow learners as bright students and are encouraged to participate in various national and state level competition, work on mini projects, enroll for Online course like NPTEL, symposia, seminars and workshops to gain knowledge on the latest developments. Bright students are also encouraged to present paper in national and international conferences. In addition to these, top two students from each class are presented with a certificate and cash prize every year at institute level. Project proposals are being submitted to various project funding agencies.

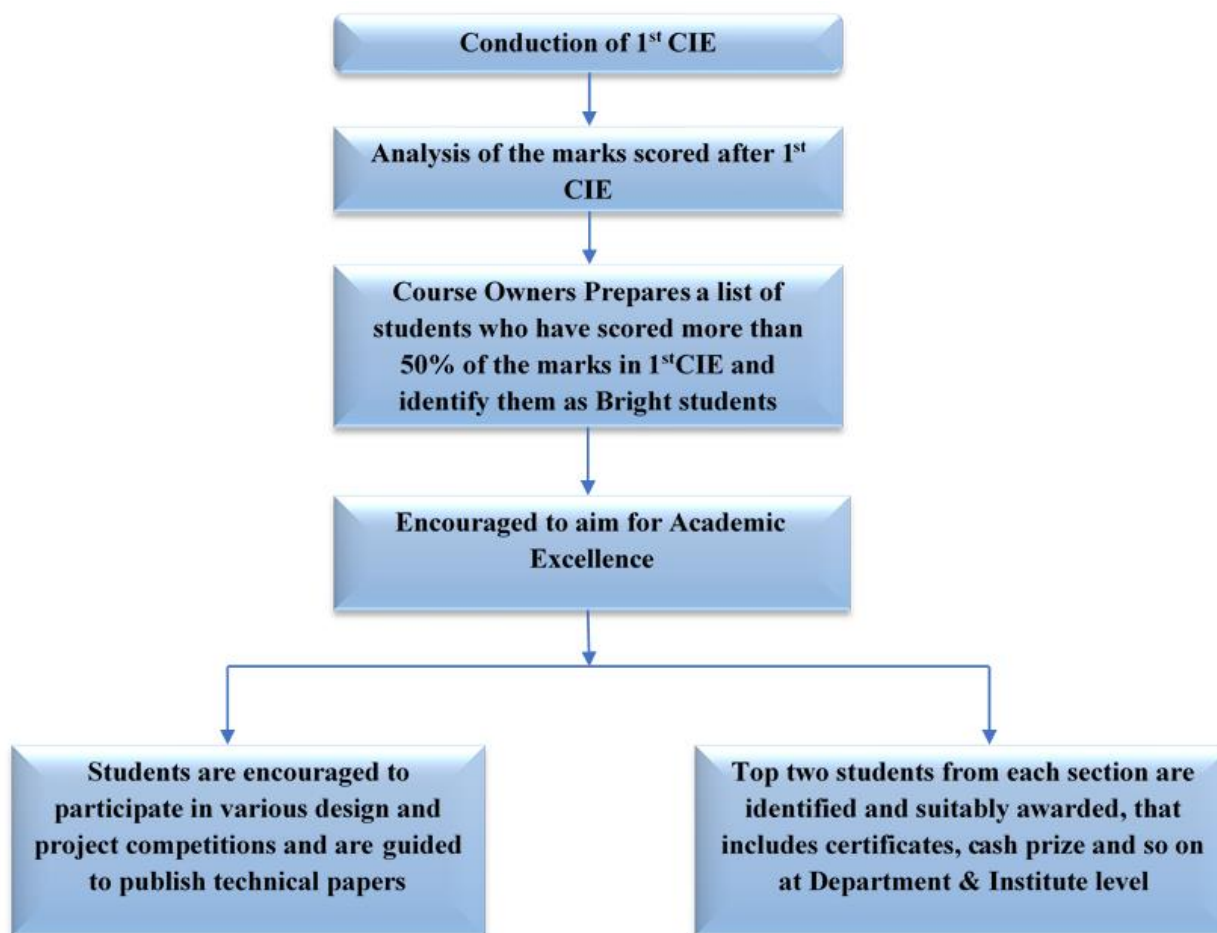


Figure2.2.1.4: Process for the identification of bright students and the encouragement given to them

Table2.2.1-i: Encouragement given to bright students

Sl. No.	Academic Year	Target Students	Rewards given
1	2016- 2017 2017-2018 2018-2019	III SEMESTER	<ul style="list-style-type: none"> Cash rewards and certificates were awarded to meritorious students at college level every year during inauguration of first year B.E classes. Bright students are also encouraged at department level by motivating them to submit proposals for various project funding agencies such as KSCST, VGST etc. and to participate in national level technical events
		IV SEMESTER	
		V SEMESTER	
		VI SEMESTER	
		VII SEMESTER	
		VIII SEMESTER	

Sample Bright Students Certificates:





Figure.2.2.1-5: Certificates of Bright students



K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN VII SEMESTER
FOR THE ACADEMIC YEAR - 2020-2021 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC038	KSHITIZ GURUNG
2	1KS16EC068	PURUSHOTHAMA.V
3	1KS16EC086	SHIVDATT .B
4	1KS16EC113	VINAYAK.Y.BAJANTRI
5	1KS17EC002	ABIJITH SUDHIR
6	1KS17EC003	AKKSHAY.U.L
7	1KS17EC004	AKSHITHA.V.RAMESH
8	1KS17EC005	AMOGHAVARSHA.N.D
9	1KS17EC006	AMULYA.S.IYENGAR
10	1KS17EC007	ANA EPSIBA.F
11	1KS17EC008	ANAGHA.A.KASHYAP
12	1KS17EC009	ANITHA.R
13	1KS17EC010	ANOOP DEEKSHITH.R
14	1KS17EC011	ANUPAM.M.L
15	1KS17EC012	ANUSHA.L
16	1KS17EC013	ANUSHREE.M
17	1KS17EC014	ANUSHRI.V.K
18	1KS17EC015	APEKSHA RAVI KUMAR
19	1KS17EC016	ARPITHA
20	1KS17EC017	ASIYA FATHIMA.N
21	1KS17EC018	AYESHA ROSHEEN
22	1KS17EC019	B.D.SHREENIDHI
23	1KS17EC020	BHAVANA.B.S
24	1KS17EC021	BHAVANA.J
25	1KS17EC022	BHOOMIKA.P.K
26	1KS17EC023	BINDU.J
27	1KS17EC024	CHAITHRA.V.M
28	1KS17EC025	CHARAN SAI.Y
29	1KS17EC026	CHETHAN.D.R
30	1KS17EC027	CHETHAN.G
31	1KS17EC028	CHETHANA.K.S
32	1KS17EC029	CHETHANA PRASAD.K
33	1KS17EC030	DARSHAN.T.G
34	1KS17EC031	DEVALE SUDARSHAN
35	1KS17EC032	DEVIYANI.G
36	1KS17EC033	DHAKSHITH.N.K
37	1KS17EC035	DISHA.S

38	1KS17EC036	DIVYA.T.M
39	1KS17EC038	GOPINATH.H.C
40	1KS17EC039	GOWTHAM.B
41	1KS17EC040	G.S.SURABHI
42	1KS17EC041	H.G.SRINIDHI
43	1KS17EC042	JEEVAN.R.S
44	1KS17EC043	K.SHREYA
45	1KS17EC044	KAMNOOR SUSHMA
46	1KS17EC045	KRITHIKA.P
47	1KS17EC046	LAKSHAN.N.S
48	1KS17EC047	LEKHA YADAV.B
49	1KS17EC048	M.R.SRINIVAS
50	1KS17EC049	RANJITH.M
51	1KS17EC050	M.SIRISHA
52	1KS17EC051	MADHU.S
53	1KS17EC052	MAHADEVA.G
54	1KS17EC053	MAMATHA.K.S
55	1KS17EC055	MANOJ KUMAR.R
56	1KS17EC056	MOHAMMAD FAIZAL
57	1KS17EC057	MOHAMMED SADATH
58	1KS17EC058	MONISHA.A
59	1KS17EC059	NAGANETRA.M
60	1KS17EC061	NAVEEN KUMAR BURUGUPALLY
61	1KS17EC062	NAVIN KUMAR.H.G
62	1KS17EC063	NAVYA.S
63	1KS17EC064	NIKHIL.V
64	1KS17EC065	NIKHIL.V
65	1KS17EC066	PALLAVI.S
66	1KS17EC067	PAVAN PRASAD.R
67	1KS17EC068	PENUJURI NAGA SAI SNEHITHA
68	1KS17EC069	PRAJWAL.C
69	1KS17EC070	PRAJWAL SIMHA.S
70	1KS17EC071	PRATIMA.P.AGNIHOTRI
71	1KS17EC072	PRATIMA V KASHYAP
72	1KS17EC073	PRUTHVIRAJ.N
73	1KS17EC075	RACHANA.S
74	1KS17EC076	RAHUL.R.NADIG
75	1KS17EC077	RAJESH.C.S
76	1KS17EC078	RAMYA.R
77	1KS17EC079	RITU PATIL
78	1KS17EC080	ROHINI.D
79	1KS17EC082	RUTHVIK RAVISH
80	1KS17EC084	SAHANA.M.K
81	1KS17EC085	SAHANA.V
82	1KS17EC086	SANDEEP KUMAR.M

83	1KS17EC087	SHAMANTH RAJ.D.N
84	1KS17EC088	SHIVANI.K
85	1KS17EC089	SHRAVYA.S.ACHARYA
86	1KS17EC090	SHREYAS.H.R
87	1KS17EC092	SRIVIDYA.V.R
88	1KS17EC093	SUPRIYA.V
89	1KS17EC094	SURYA.N
90	1KS17EC095	SUSHMITHA.B.L
91	1KS17EC096	SUSHMITHA.K.N
92	1KS17EC097	SYED WAQAR KASHIF
93	1KS17EC098	TEJAS.K
94	1KS17EC099	VAIBHAVI SREENIVASA
95	1KS17EC100	VAISHNAVI.K.KATTI
96	1KS17EC101	VAISHNAVIS
97	1KS17EC102	VAISHNAVI SRIHARSHAN
98	1KS17EC103	VIDYA.V
99	1KS17EC104	VISHAL GOUTHAM.N
100	1KS17EC105	YASHASWINI.R
101	1KS18EC403	HARSHITHA B
102	1KS18EC406	MAHADEVA G R
103	1KS18EC408	VANITHA C



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K.S. INSTITUTE OF TECHNOLOGY, BANGALORE -109
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
RESULT ANALYSIS ODD SEMESTER 2020

TOPPERS LIST

VII SEMESTER (A,B SECTION) AFTER RV

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS17EC050	M.SIRISHA	706	88.25	FCD	A
2	1KS17EC051	MADHU.S	693	86.63	FCD	A
3	1KS17EC009	ANITHA.R	688	86.00	FCD	A
4	1KS17EC075	RACHANA.S	680	85.00	FCD	B
5	1KS17EC028	CHETHANA.K.S	671	83.88	FCD	A
6	1KS17EC085	SAHANA.V	663	82.88	FCD	B
7	1KS17EC068	PENUJURI NAGA SAI SNEHITHA	659	82.38	FCD	B
8	1KS17EC071	PRATIMA.P.AGNIHOTRI	659	82.38	FCD	B
9	1KS17EC102	VAISHNAVI SRIHARSHAN	658	82.25	FCD	B
10	1KS17EC076	RAHUL.R.NADIG	657	82.13	FCD	B


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K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN V SEMESTER
FOR THE ACADEMIC YEAR - 2020-2021 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS18EC001	A N BHOOMIKA CHOWDARY
2	1KS18EC002	ABHISHEK.V
3	1KS18EC003	ADITHI.S
4	1KS18EC005	AISHWARYA R
5	1KS18EC006	AKASH R
6	1KS18EC007	AKHILA V
7	1KS18EC008	ANAGHA S
8	1KS18EC009	ANANYA ANANTH
9	1KS18EC010	ASHRITHA S C
10	1KS18EC011	AYEESHA RUMAN
11	1KS18EC012	C A SUSHMA
12	1KS18EC013	C M CHAITHANYA VARDHAN
13	1KS18EC014	CHANDAN Y C
14	1KS18EC015	CHARAN G
15	1KS18EC016	CHINNAPU CHARAN TEJA REDDY
16	1KS18EC017	CHITHRITHA G R
17	1KS18EC018	DARSHAN V
18	1KS18EC019	DARSHAN S
19	1KS18EC020	DEEKSHA S N
20	1KS18EC021	DEEPTHI ANDANI
21	1KS18EC022	DHANUSHREE C
22	1KS18EC024	DHRITHIRHUTH RAJANNA
23	1KS18EC025	DINESH KUMAR NAYAK
24	1KS18EC026	DIVAKARBABU Y
25	1KS18EC027	G.J.NITHIN
26	1KS18EC028	GANESH P
27	1KS18EC029	GOKUL G
28	1KS18EC030	HARSH SHARMA
29	1KS18EC031	HARSHITHA S
30	1KS18EC032	JAHNAVI A P
31	1KS18EC033	JANHAVI K P
32	1KS18EC034	JHANAVI V
33	1KS18EC035	JISHNU S
34	1KS18EC036	JYOTSNA B UPADHYE
35	1KS18EC037	K RISHIKA RAVI
36	1KS18EC038	KARISHMA M
37	1KS18EC039	KOMALA K V

38	1KS18EC040	LAVANYA M
39	1KS18EC041	M.NIHITHA YADAV
40	1KS18EC042	MAHANTH SAI M
41	1KS18EC043	MANOJ G S
42	1KS18EC044	MEGHA R
43	1KS18EC045	MEGHANA B S
44	1KS18EC046	MEGHANA GOWDA V
45	1KS18EC047	MOHAMMED FAIZAN SHAFI
46	1KS18EC048	MONISHA B R
47	1KS18EC049	N S V JASHWANTH
48	1KS18EC050	NAGA OMKAR N
49	1KS18EC051	NAGASHREE A
50	1KS18EC052	NAMITH R
51	1KS18EC053	NAVYA M S
52	1KS18EC054	NIHARIKA S A
53	1KS18EC055	NIROSHA G J
54	1KS18EC056	NISHANTH J RAO
55	1KS18EC057	P SAI GOVARDHAN
56	1KS18EC058	PARIKSHITH S
57	1KS18EC059	PAVAN KUMAR P
58	1KS16EC005	AKASH CHANDRAPPA GURUVANNAVAR
59	1KS18EC060	POOJA S
60	1KS18EC061	PRAKRUTHI S H
61	1KS18EC063	PUNEETH M
62	1KS18EC064	PURUSHOTHAM V R
63	1KS18EC066	RAGHAVENDRA.K.P
64	1KS18EC067	RAGHU B T
65	1KS18EC068	RAJ KRISHNA
66	1KS18EC069	RAJATH S BHUSHAN
67	1KS18EC070	RAM BAHADUR MAHARA
68	1KS18EC071	RASETTY SANDEEP
69	1KS18EC073	RITHVIK P
70	1KS18EC074	S MANOJ
71	1KS18EC075	S RAHUL
72	1KS18EC076	S TUSHAR HARINATH
73	1KS18EC077	SAGAR T C
74	1KS18EC078	SANJANA B
75	1KS18EC079	SANKET B PASCHAPURI
76	1KS18EC080	SHASHANK H K
77	1KS18EC081	SHEETAL N GOWDA
78	1KS18EC083	SHREYA V DEV
79	1KS18EC084	SHREYAS C
80	1KS18EC085	SHREYAS D R
81	1KS18EC086	SHRIKANTH C K
82	1KS18EC087	SIRI RAVINATH

83	1KS18EC088	SIRISHA.M
84	1KS18EC090	SOMASHEKAR M
85	1KS18EC091	SUDHEER B
86	1KS18EC092	SUJAY R
87	1KS18EC093	SUPRIYA S
88	1KS18EC094	SURAJ V GHORPADE
89	1KS18EC095	SUSHMA.A.V
90	1KS18EC096	SUSHMITHA R
91	1KS18EC097	THANUSH R S
92	1KS18EC098	THANUSHREE D
93	1KS18EC099	VAISHNAVI G
94	1KS18EC100	VAKKALA GADDA ANIL
95	1KS18EC101	VANDANA K
96	1KS18EC102	VARSHINI.B.M
97	1KS18EC103	VASANTH PALM
98	1KS18EC104	VIJAY BABU K
99	1KS18EC105	VINAY K
100	1KS18EC107	VIRAJA BELLARY
101	1KS18EC108	VISHAL MADHUSUDAN
102	1KS18EC109	VISHWAS P
103	1KS18EC111	VRINDHA SHAM BHATT
104	1KS19EC400	HEMANTHA V
105	1KS19EC401	KARTHIK B P
106	1KS19EC402	KRISHNAPRASAD B
107	1KS19EC403	NAVEEN G
108	1KS19EC404	PAVAN C N
109	1KS19EC405	PRUTHVI DINESH
110	1KS19EC406	RAGHOTHAM C G
111	1KS19EC407	SADANA M
112	1KS19EC408	SINDHU G
113	1KS19EC409	VARSHA M S



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K.S. INSTITUTE OF TECHNOLOGY, BANGALORE -109
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
RESULT ANALYSIS ODD SEMESTER 2020
TOPPERS LIST

V SEMESTER (A,B SECTION) AFTER RV

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS18EC031	HARSHITHA S	753	83.67	FCD	A
2	1KS18EC023	DHEERAJ M S	731	81.22	FCD	A
3	1KS18EC050	NAGA OMKAR N	725	80.56	FCD	A
4	1KS18EC088	SIRISHA.M	718	79.78	FCD	B
5	1KS18EC081	SHEETAL N GOWDA	708	78.67	FCD	B
6	1KS18EC001	A N BHOO MIKA CHOWDARY	706	78.44	FCD	A
7	1KS18EC030	HARSH SHARMA	701	77.89	FCD	A
8	1KS18EC094	SURAJ V GHORPADE	683	75.89	FCD	B
9	1KS18EC035	JISHNU S	680	75.56	FCD	A
10	1KS18EC096	SUSHMITHA R	678	75.33	FCD	B

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**K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.**

**CONSOLIDATED LIST OF BRIGHT STUDENTS IN III SEMESTER
FOR THE ACADEMIC YEAR - 2020-2021 (ODD SEMESTER)**

SL.N O	USN	NAME OF THE STUDENT
1	1KS19EC001	ABHILASH A S
2	1KS19EC003	AISHWARYA BASAVARAJ KEMBAVI
3	1KS19EC004	AISHWARYA M G
4	1KS19EC005	AKSHAY KUMAR D
5	1KS19EC006	AKSHITHA
6	1KS19EC007	AMRUTA
7	1KS19EC008	AMULYA R
8	1KS19EC009	ANITHA S
9	1KS19EC010	ANJALI Y J
10	1KS19EC011	ARCHANA YADAV M
11	1KS19EC012	ASHRITHA R
12	1KS19EC014	BHAVANA S
13	1KS19EC015	CHAITRA P
14	1KS19EC016	CHANDAN RAJ Y
15	1KS19EC017	CHANDANA.L
16	1KS19EC019	CHIRANTHANA YOGANANDA K
17	1KS19EC020	D NAYAN
18	1KS19EC022	DAVINO JOSEPH
19	1KS19EC023	DHANYA SUKANTH B K
20	1KS19EC024	DHEEMANTH K N
21	1KS19EC025	DISHA SHIVANI
22	1KS19EC026	ERAM FATHIMA
23	1KS19EC027	GAYATHRI P K
24	1KS19EC028	GAYATHRI R WARRIER
25	1KS19EC029	GONUGUNTLA SAI SIDDARTHA
26	1KS19EC030	GOWRI S NADIGER
27	1KS19EC032	HARSHITHA B Y
28	1KS19EC033	HEMANTH.R.PATIL
29	1KS19EC034	HIMA SWETHA S
30	1KS19EC035	JAGRUTI PAI
31	1KS19EC036	JAYANTH M B
32	1KS19EC037	KAMMA MANUBOLU MANOGNA
33	1KS19EC039	KASHYAP.P
34	1KS19EC040	KRUPA.A
35	1KS19EC041	KRUTHI K S

36	1KS19EC042	LAKSHMAN KUMARA B
37	1KS19EC043	LIKITHA.H
38	1KS19EC044	M LOKESHWARI
39	1KS19EC045	MANU N KANDRA
40	1KS19EC046	MEGHANA H P
41	1KS19EC047	MOHAMMAD RAKHEEB M R
42	1KS19EC048	MOHITH KUMAR G
43	1KS19EC049	MONIKA V ARYA
44	1KS19EC051	N ANILA
45	1KS19EC052	NIDHI S
46	1KS19EC053	NISARGA K
47	1KS19EC054	NITHIN D
48	1KS19EC056	POKURI MOUNIKA
49	1KS19EC057	POOJA S P
50	1KS19EC058	PRADEEP GADED
51	1KS19EC059	PRAKASH CHEGORE
52	1KS19EC061	PRASHANTH.S.K
53	1KS19EC062	PRAVEEN KUMAR N
54	1KS19EC063	PREETHAM G H
55	1KS19EC064	PRIYANKA K
56	1KS19EC066	RAJALAKSHMI S
57	1KS19EC067	RAMYASREE R
58	1KS19EC068	RANGASWAMY.U
59	1KS19EC069	ROHAN K R
60	1KS19EC070	S K BHARATESH
61	1KS19EC071	SABARISH I J
62	1KS19EC072	SAHANA K S
63	1KS19EC073	SAHANA S
64	1KS19EC074	SAI PRIYA T S
65	1KS19EC075	SAMIKSHA S
66	1KS19EC076	SANTOSH HEGDE
67	1KS19EC077	SATHVIK U M
68	1KS19EC078	SHAMITHA BIJOOR
69	1KS19EC079	SHASHANK KASHYAP.H.R
70	1KS19EC080	SHIVARAMA KRISHNA.K.P
71	1KS19EC081	SHREYAMS D K
72	1KS19EC082	SHREYAS B ARADHYA
73	1KS19EC084	SHREYAS V BHARADWAJ
74	1KS19EC085	SHUBHAM KUMAR SINGH A
75	1KS19EC086	SINCHANA M N
76	1KS19EC087	SRINIVAS S
77	1KS19EC088	SRINIVASAN M
78	1KS19EC089	SRIRAM
79	1KS19EC090	SUHAS.M
80	1KS19EC092	SUMUKHA VASISHTA M R

81	1KS19EC093	SUSHMITHA S
82	1KS19EC094	SWAGATH AITHAL P G
83	1KS19EC095	SWATHI U
84	1KS19EC096	T N L RUTHVIK
85	1KS19EC098	THEERTHANA S R
86	1KS19EC099	TUSHAR R VASISHTA
87	1KS19EC100	VAISHNAVI K
88	1KS19EC101	VANDANA G
89	1KS19EC102	VANDANA S
90	1KS19EC103	VIGNESH MUTHAIAH R
91	1KS19EC104	VIKAS S
92	1KS19EC106	VISHAL SANJAY RAJU
93	1KS19EC107	VISHNU RAATA YADUNANDAN
94	1KS18EC089	SNEHA N
95	1KS19ET003	LITCHITHA M GOWDA
96	1KS19ET004	MAHADEV A C
97	1KS19ET005	MRUTHYUNJAYA GUDIBANDE
98	1KS19ET007	NIRANJAN S RAO
99	1KS19ET008	RISHI KUMAR S
100	1KS19ET009	ROHIT KUMAR
101	1KS19ET010	SHREYAS C R
102	1KS19ET011	SHWETHA K
103	1KS19ET012	VAISHNAVI S
104	1KS20EC400	MADALA VIVEK KUMAR
105	1KS20EC401	RANJANA P
106	1KS20EC402	SINDHU J



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
RESULT ANALYSIS ODD SEMESTER 2020
TOPPERS LIST

III SEMESTER (A,B, SECTION) AFTER RV

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS19EC035	JAGRUTI PAI	777	86.33	FCD	A
2	1KS19EC025	DISHA SHIVANI	744	82.67	FCD	A
3	1KS19EC028	GAYATHRI R WARRIER	743	82.56	FCD	A
4	1KS19EC088	SRINIVASAN M	727	80.78	FCD	B
5	1KS19EC101	VANDANA G	727	80.78	FCD	B
6	1KS19EC093	SUSHMITHA S	715	79.44	FCD	B
7	1KS19EC008	AMULYA R	714	79.33	FCD	A
8	1KS19EC084	SHREYAS V BHARADWAJ	698	77.56	FCD	B
9	1KS19EC061	PRASHANTH.S.K	696	77.33	FCD	A
10	1KS19EC078	SHAMITHA BIJOOR	696	77.33	FCD	B

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K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN VIII SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (EVEN SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC002	AALIYA ZAINAB
2	1KS16EC003	ABHISHEK.A.NANDYAL
3	1KS16EC004	ADITHYA.D.M
4	1KS16EC006	AKASH MAHANTESH HOSAMANI
5	1KS16EC009	ANIRUDH.K.N
6	1KS16EC010	ANUSHA RAJ.D
7	1KS16EC011	ASHIK.B.N
8	1KS16EC013	ASHWINI.S
9	1KS16EC014	AYUSH RAJ
10	1KS16EC015	BHAGYA SHREE.S.J
11	1KS16EC016	BHARATH.R
12	1KS16EC017	BHOOMIKA.P.M
13	1KS16EC018	BRUNDA.S
14	1KS16EC019	CHANDANA.R
15	1KS16EC020	CHARAN.A
16	1KS16EC022	DEEMANTH.K.P
17	1KS16EC023	DEEPA.R
18	1KS16EC024	DEEPAK LAMANI
19	1KS16EC025	DEEPIKA.M
20	1KS16EC026	DIVYALAKSHMI.G
21	1KS16EC028	HARSHINI.B.S
22	1KS16EC031	JAYAM HARESH THARUN
23	1KS16EC032	JEEVITHA KALAASHILPA.N.C
24	1KS16EC034	KADRI SRINIDHI RAO
25	1KS16EC036	KOMAL KHANDELWAL
26	1KS16EC037	KRISHNA.D
27	1KS16EC039	L.S.BABY RAM
28	1KS16EC040	LAKSHMI PRIYA.K
29	1KS16EC041	LIKHITHA.Y
30	1KS16EC042	LOKESH.S
31	1KS16EC043	SURYA.M
32	1KS16EC044	MADHU.G
33	1KS16EC045	MADHU.N
34	1KS16EC047	MANIKANTAN.G
35	1KS16EC048	MANJUNATHA.B.S
36	1KS16EC049	MEENAKSHI.A
37	1KS16EC050	MEGHASHREE.V
38	1KS16EC051	MOHAMMED WALEED
39	1KS16EC052	NAMITA.L.RAO

40	1KS16EC053	NAMRATHA.G
41	1KS16EC054	NAMRATHA.G
42	1KS16EC055	NANDANGOWDA.S.H
43	1KS16EC056	NAVEEN
44	1KS16EC057	NEHA.J.KOTWAL
45	1KS16EC058	NEHA.N.V
46	1KS16EC059	NIKITA BALAPPA NARASANNAVAR
47	1KS16EC419	KUMARA B N
48	1KS16EC430	RAKESH K.M.
49	1KS17EC400	ARPITHA.C.V
50	1KS17EC402	ASOK KUMAR
51	1KS17EC404	CHANDRAKALA.K.S
52	1KS17EC406	HARITHA K
53	1KS14EC068	POOJA P G
54	1KS14EC107	SUMUKHA S RAM
55	1KS16EC060	ONKAR MISHRA
56	1KS16EC061	POOJA.K
57	1KS16EC062	PRATHAM KUMAR.D
58	1KS16EC063	PRATHIKSHA.P
59	1KS16EC064	PRATYUSHA.S.A
60	1KS16EC065	PRAVEEN TULASIDAS NAIK
61	1KS16EC067	PRIYA.S
62	1KS16EC070	RAHUL KUMAR
63	1KS16EC071	RAMYA.M.S
64	1KS16EC072	RASHMI.S
65	1KS16EC073	RAVI NANDAN
66	1KS16EC074	RAVI TEJA.M
67	1KS16EC076	S.SHWETHA
68	1KS16EC077	SACHIN.M.G
69	1KS16EC078	SADHVIKA CHANDRA.R
70	1KS16EC079	SAHANA.D
71	1KS16EC080	SAHANA.K.G
72	1KS16EC081	SAI TARUN TADIPARTI
73	1KS16EC082	SANANDA RAO.K.S
74	1KS16EC083	SARAH AHMED
75	1KS16EC084	SAURAV KUMAR
76	1KS16EC085	SHEETHAL.J.RAO
77	1KS16EC088	SHREYAS.K.V
78	1KS16EC089	SHREYASHWINI.V
79	1KS16EC090	SHRINIDHI.N.S
80	1KS16EC091	SHYLESH RAJ.T.D
81	1KS16EC094	SONIKA.V
82	1KS16EC095	SPURTHI.M.K
83	1KS16EC096	SUDHANSHU.S.SHARMA
84	1KS16EC097	SUHAS.K

85	1KS16EC099	SUMA.B.S
86	1KS16EC102	T.G.NITHYA
87	1KS16EC103	TEJAS.P
88	1KS16EC106	VASUDEVA UPADHYA.K.S
89	1KS16EC108	VIDHYA.K.S
90	1KS16EC109	VIDYA.B
91	1KS16EC111	VIGNESHKUMAR.V
92	1KS16EC112	VINAY.N
93	1KS16EC114	VINOD KUMAR.P
94	1KS16EC115	VISMITHA SONNA SATHYANARAYANA
95	1KS16EC116	VIVEK.R
96	1KS16EC117	HEMALATHA D S
97	1KS16EC118	SARASWATHI J S
98	1KS16EC119	SONIA STANLEY LOUIS
99	1KS16EC120	MEGHANA S
100	1KS16EC401	AKASH B N
101	1KS17EC407	HARSHA C M
102	1KS17EC408	HARSHITH . K
103	1KS17EC409	PRABHAVATHI.K
104	1KS17EC413	TEJASWINI B



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K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
AFTER RV RESULT ANALYSIS EVEN SEMESTER 2020
TOPPERS LIST FINAL

VIII SEMESTER (A & B SECTION)

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS16EC013	ASHWINI.S	655	93.57	FCD	A
2	1KS16EC072	RASHMI.S	654	93.43	FCD	B
3	1KS16EC094	SONIKA.V	645	92.14	FCD	B
4	1KS16EC076	S.SHWETHA	644	92.00	FCD	B
5	1KS16EC017	BHOOMIKA.P.M	643	91.86	FCD	A
6	1KS16EC002	AALIYA ZAINAB	641	91.57	FCD	A
7	1KS16EC034	KADRI SRINIDHI RAO	638	91.14	FCD	A
8	1KS16EC078	SADHVIKA CHANDRA.R	636	90.86	FCD	B
9	1KS16EC032	JEEVITHA KALAASHILPA.N.	633	90.43	FCD	A
10	1KS16EC041	LIKHITHA.Y	633	90.43	FCD	A
11	1KS16EC058	NEHA.N.V	626	89.43	FCD	A
12	1KS16EC102	T.G.NITHYA	624	89.14	FCD	B
13	1KS16EC054	NAMRATHA.G	622	88.86	FCD	A
14	1KS16EC116	VIVEK.R	622	88.86	FCD	B
15	1KS16EC040	LAKSHMI PRIYA.K	621	88.71	FCD	A
16	1KS16EC053	NAMRATHA.G	620	88.57	FCD	A
17	1KS16EC081	SAI TARUN TADIPARTI	618	88.29	FCD	B
18	1KS16EC064	PRATYUSHA.S.A	617	88.14	FCD	B
19	1KS16EC009	ANIRUDH.K.N	614	87.71	FCD	A
20	1KS16EC018	BRUNDA.S	614	87.71	FCD	A
21	1KS16EC019	CHANDANA.R	614	87.71	FCD	A

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K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN VI SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (EVEN SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC001	ABHISHEK.K.V
2	1KS17EC002	ABIJITH SUDHIR
3	1KS17EC004	AKSHITHA.V.RAMESH
4	1KS17EC005	AMOGHAVARSHA.N.D
5	1KS17EC006	AMULYA.S.IYENGAR
6	1KS17EC007	ANA EPSIBA.F
7	1KS17EC008	ANAGHA.A.KASHYAP
8	1KS17EC009	ANITHA.R
9	1KS17EC010	ANOOP DEEKSHITH.R
10	1KS17EC012	ANUSHA.L
11	1KS17EC013	ANUSHREE.M
12	1KS17EC014	ANUSHRI.V.K
13	1KS17EC015	APEKSHA RAVI KUMAR
14	1KS17EC016	ARPITHA
15	1KS17EC017	ASIYA FATHIMA.N
16	1KS17EC018	AYESHA ROSHEEN
17	1KS17EC019	B.D.SHREENIDHI
18	1KS17EC020	BHAVANA.B.S
19	1KS17EC021	BHAVANA.J
20	1KS17EC022	BHOOMIKA.P.K
21	1KS17EC023	BINDU.J
22	1KS17EC024	CHAITHRA.V.M
23	1KS17EC025	CHARAN SAI.Y
24	1KS17EC027	CHETHAN.G
25	1KS17EC028	CHETHANA.K.S
26	1KS17EC029	CHETHANA PRASAD.K
27	1KS17EC030	DARSHAN.T.G
28	1KS17EC032	DEVIYANI.G
29	1KS17EC035	DISHA.S
30	1KS17EC036	DIVYA.T.M
31	1KS17EC039	GOWTHAM.B
32	1KS17EC040	G.S.SURABHI
33	1KS17EC041	H.G.SRINIDHI
34	1KS17EC042	JEEVAN.R.S
35	1KS17EC043	K.SHREYA
36	1KS17EC044	KAMNOOR SUSHMA
37	1KS17EC045	KRITHIKA.P
38	1KS17EC047	LEKHA YADAV.B

39	1KS17EC048	M.R.SRINIVAS
40	1KS17EC049	RANJITH.M
41	1KS17EC050	M.SIRISHA
42	1KS17EC051	MADHU.S
43	1KS17EC054	MANOJ.E
44	1KS17EC055	MANOJ KUMAR.R
45	1KS17EC056	MOHAMMAD FAIZAL
46	1KS17EC057	MOHAMMED SADATH
47	1KS17EC059	NAGANETRA.M
48	1KS17EC061	NAVEEN KUMAR BURUGUPALLY
49	1KS17EC062	NAVIN KUMAR.H.G
50	1KS17EC063	NAVYA.S
51	1KS17EC064	NIKHIL.V
52	1KS17EC066	PALLAVI.S
53	1KS17EC067	PAVAN PRASAD.R
54	1KS17EC068	PENUJURI NAGA SAI SNEHITHA
55	1KS17EC069	PRAJWAL.C
56	1KS17EC071	PRATIMA.P.AGNIHOTRI
57	1KS17EC072	PRATIMA V KASHYAP
58	1KS17EC073	PRUTHVIRAJ.N
59	1KS17EC075	RACHANA.S
60	1KS17EC076	RAHUL.R.NADIG
61	1KS17EC078	RAMYA.R
62	1KS17EC079	RITU PATIL
63	1KS17EC080	ROHINI.D
64	1KS17EC084	SAHANA.M.K
65	1KS17EC085	SAHANA.V
66	1KS17EC086	SANDEEP KUMAR.M
67	1KS17EC088	SHIVANI.K
68	1KS17EC089	SHRAVYA.S.ACHARYA
69	1KS17EC090	SHREYAS.H.R
70	1KS17EC092	SRIVIDYA.V.R
71	1KS17EC093	SUPRIYA.V
72	1KS17EC094	SURYA.N
73	1KS17EC095	SUSHMITHA.B.L
74	1KS17EC096	SUSHMITHA.K.N
75	1KS17EC097	SYED WAQAR KASHIF
76	1KS17EC098	TEJAS.K
77	1KS17EC099	VAIBHAVI SREENIVASA
78	1KS17EC100	VAISHNAVI.K.KATTI
79	1KS17EC101	VAISHNAVIS
80	1KS17EC102	VAISHNAVI SRIHARSHAN
81	1KS17EC103	VIDYA.V
82	1KS17EC104	VISHAL GOUTHAM.N
83	1KS17EC105	YASHASWINI.R

84	1KS18EC403	HARSHITHA B
85	1KS18EC406	MAHADEVA G R
86	1KS18EC408	VANITHA C



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**K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN IV SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (EVEN SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS18EC002	ABHISHEK.V
2	1KS18EC005	AISHWARYA R
3	1KS18EC006	AKASH R
4	1KS18EC013	C M CHAITHANYA VARDHAN
5	1KS18EC014	CHANDAN Y C
6	1KS18EC016	CHINNAPU CHARAN TEJA REDDY
7	1KS18EC018	DARSHAN V
8	1KS18EC019	DARSHAN S
9	1KS18EC021	DEEPTHI ANDANI
10	1KS18EC022	DHANUSHREE C
11	1KS18EC023	DHEERAJ M S
12	1KS18EC024	DHRITHIRHUTH RAJANNA
13	1KS18EC025	DINESH KUMAR NAYAK
14	1KS18EC026	DIVAKARBABU Y
15	1KS18EC027	G.J.NITHIN
16	1KS18EC028	GANESH P
17	1KS18EC029	GOKUL G
18	1KS18EC031	HARSHITHA S
19	1KS18EC032	JAHNAVI A P
20	1KS18EC033	JANHAVI K P
21	1KS18EC034	JHANAVI V
22	1KS18EC035	JISHNU S
23	1KS18EC036	JYOTSNA B UPADHYE
24	1KS18EC039	KOMALA K V
25	1KS18EC041	M.NIHITHA YADAV
26	1KS18EC043	MANOJ G S
27	1KS18EC044	MEGHA R
28	1KS18EC045	MEGHANA B S
29	1KS18EC046	MEGHANA GOWDA V
30	1KS18EC047	MOHAMMED FAIZAN SHAFI
31	1KS18EC048	MONISHA B R
32	1KS18EC049	N S V JASHWANTH
33	1KS18EC051	NAGASHREE A
34	1KS18EC053	NAVYA M S
35	1KS18EC054	NIHARIKA S A
36	1KS18EC057	P SAI GOVARDHAN
37	1KS18EC058	PARIKSHITH S
38	1KS18EC059	PAVAN KUMAR P

39	1KS16EC005	AKASH CHANDRAPPA GURUVANNAVAR
40	1KS18EC060	POOJA S
41	1KS18EC061	PRAKRUTHI S H
42	1KS18EC063	PUNEETH M
43	1KS18EC064	PURUSHOTHAM V R
44	1KS18EC066	RAGHAVENDRA.K.P
45	1KS18EC067	RAGHU B T
46	1KS18EC068	RAJ KRISHNA
47	1KS18EC069	RAJATH S BHUSHAN
48	1KS18EC070	RAM BAHADUR MAHARA
49	1KS18EC074	S MANOJ
50	1KS18EC075	S RAHUL
51	1KS18EC076	S TUSHAR HARINATH
52	1KS18EC077	SAGAR T C
53	1KS18EC078	SANJANA B
54	1KS18EC079	SANKET B PASCHAPURI
55	1KS18EC081	SHEETAL N GOWDA
56	1KS18EC083	SHREYA V DEV
57	1KS18EC084	SHREYAS C
58	1KS18EC085	SHREYAS D R
59	1KS18EC087	SIRI RAVINATH
60	1KS18EC088	SIRISHA.M
61	1KS18EC091	SUDHEER B
62	1KS18EC092	SUJAY R
63	1KS18EC093	SUPRIYA S
64	1KS18EC094	SURAJ V GHORPADE
65	1KS18EC095	SUSHMA.A.V
66	1KS18EC096	SUSHMITHA R
67	1KS18EC097	THANUSH R S
68	1KS18EC099	VAISHNAVI G
69	1KS18EC100	VAKKALA GADDA ANIL
70	1KS18EC101	VANDANA K
71	1KS18EC103	VASANTH PALM
72	1KS18EC104	VIJAY BABU K
73	1KS18EC105	VINAY K
74	1KS18EC107	VIRAJA BELLARY
75	1KS18EC108	VISHAL MADHUSUDAN
76	1KS18EC109	VISHWAS P
77	1KS18EC110	VIVEKGOWDA J
78	1KS18EC111	VRINDHA SHAM BHATT (1YD18EC001)
79	1KS19EC400	HEMANTHA V
80	1KS19EC402	KRISHNAPRASAD B
81	1KS19EC403	NAVEEN G
82	1KS19EC406	RAGHOTHAM C G
83	1KS19EC407	SADANA M

84	1KS19EC408	SINDHU G
85	1KS19EC409	VARSHA M S



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K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN VII SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC002	AALIYA ZAINAB
2	1KS16EC006	AKASH MAHANTESH HOSAMANI
3	1KS16EC011	ASHIK.B.N
4	1KS16EC013	ASHWINI.S
5	1KS16EC015	BHAGYA SHREE.S.J
6	1KS16EC017	BHOOMIKA.P.M
7	1KS16EC019	CHANDANA.R
8	1KS16EC020	CHARAN.A
9	1KS16EC022	DEEMANTH.K.P
10	1KS16EC023	DEEPA.R
11	1KS16EC024	DEEPAK LAMANI
12	1KS16EC026	DIVYALAKSHMI.G
13	1KS16EC031	JAYAM HARESH THARUN
14	1KS16EC032	JEEVITHA KALAASHILPA.N.C
15	1KS16EC034	KADRI SRINIDHI RAO
16	1KS16EC036	KOMAL KHANDELWAL
17	1KS16EC037	KRISHNA.D
18	1KS16EC040	LAKSHMI PRIYA.K
19	1KS16EC041	LIKHITHA.Y
20	1KS16EC043	SURYA.M
21	1KS16EC047	MANIKANTAN.G
22	1KS16EC050	MEGHASHREE.V
23	1KS16EC051	MOHAMMED WALEED
24	1KS16EC052	NAMITA.L.RAO
25	1KS16EC053	NAMRATHA.G
26	1KS16EC054	NAMRATHA.G
27	1KS16EC055	NANDANGOWDA.S.H
28	1KS16EC058	NEHA.N.V
29	1KS16EC061	POOJA.K
30	1KS16EC063	PRATHIKSHA.P
31	1KS16EC064	PRATYUSHA.S.A
32	1KS16EC071	RAMYA.M.S
33	1KS16EC072	RASHMI.S
34	1KS16EC073	RAVI NANDAN
35	1KS16EC076	S.SHWETHA
36	1KS16EC078	SADHVIKA CHANDRA.R
37	1KS16EC079	SAHANA.D

38	1KS16EC080	SAHANA.K.G
39	1KS16EC081	SAI TARUN TADIPARTI
40	1KS16EC090	SHRINIDHI.N.S
41	1KS16EC094	SONIKA.V
42	1KS16EC096	SUDHANSHU.S.SHARMA
43	1KS16EC097	SUHAS.K
44	1KS16EC099	SUMA.B.S
45	1KS16EC102	T.G.NITHYA
46	1KS16EC108	VIDHYA.K.S
47	1KS16EC109	VIDYA.B
48	1KS16EC116	VIVEK.R
49	1KS16EC406	DARSHAN D
50	1KS16EC120	MEGHANA S
51	1KS16EC118	SARASWATHI J S


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VII SEMESTER (A,B SECTION) AFTER RV

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS16EC049	MEENAKSHI.A	723	90.38	FCD	A
2	1KS16EC061	POOJA.K	721	90.13	FCD	B
3	1KS16EC013	ASHWINI.S	718	89.75	FCD	A
4	1KS16EC017	BHOOMIKA.P.M	718	89.75	FCD	A
5	1KS16EC059	NIKITA BALAPPA NARASANNAVAR	702	87.75	FCD	A
6	1KS16EC072	RASHMI.S	696	87.00	FCD	B
7	1KS16EC040	LAKSHMI PRIYA.K	681	85.13	FCD	A
8	1KS16EC054	NAMRATHA.G	679	84.88	FCD	A
9	1KS16EC041	LIKHITHA.Y	673	84.13	FCD	A
10	1KS16EC053	NAMRATHA.G	672	84.00	FCD	A
11	1KS16EC055	NANDANGOWDA.S.H	672	84.00	FCD	A
12	1KS16EC078	SADHVIKA CHANDRA.R	672	84.00	FCD	B
13	1KS16EC058	NEHA.N.V	669	83.63	FCD	A
14	1KS16EC064	PRATYUSHA.S.A	667	83.38	FCD	B
15	1KS16EC094	SONIKA.V	667	83.38	FCD	B
16	1KS16EC102	T.G.NITHYA	666	83.25	FCD	B
17	1KS16EC034	KADRI SRINIDHI RAO	663	82.88	FCD	A
18	1KS16EC032	JEEVITHA KALAASHILPA.N.C	662	82.75	FCD	A
19	1KS16EC009	ANIRUDH.K.N	658	82.25	FCD	A
20	1KS16EC063	PRATHIKSHA.P	658	82.25	FCD	B

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CONSOLIDATED LIST OF BRIGHT STUDENTS IN V SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC003	AKKSHAY.U.L
2	1KS17EC004	AKSHITHA.V.RAMESH
3	1KS17EC005	AMOGHAVARSHA.N.D
4	1KS17EC008	ANAGHA.A.KASHYAP
5	1KS17EC009	ANITHA.R
6	1KS17EC011	ANUPAM.M.L
7	1KS17EC014	ANUSHRI.V.K
8	1KS17EC015	APEKSHA RAVI KUMAR
9	1KS17EC019	B.D.SHREENIDHI
10	1KS17EC020	BHAVANA.B.S
11	1KS17EC022	BHOOMIKA.P.K
12	1KS17EC023	BINDU.J
13	1KS17EC024	CHAITHRA.V.M
14	1KS17EC029	CHETHANA PRASAD.K
15	1KS17EC030	DARSHAN.T.G
16	1KS17EC032	DEVIYANI.G
17	1KS17EC035	DISHA.S
18	1KS17EC036	DIVYA.T.M
19	1KS17EC040	G.S.SURABHI
20	1KS17EC042	JEEVAN.R.S
21	1KS17EC045	KRITHIKA.P
22	1KS17EC047	LEKHA YADAV.B
23	1KS17EC048	M.R.SRINIVAS
24	1KS17EC050	M.SIRISHA
25	1KS17EC051	MADHU.S
26	1KS17EC056	MOHAMMAD FAIZAL
27	1KS17EC059	NAGANETRA.M
28	1KS17EC061	NAVEEN KUMAR BURUGUPALLY
29	1KS17EC062	NAVIN KUMAR.H.G
30	1KS17EC064	NIKHIL.V
31	1KS17EC066	PALLAVI.S
32	1KS17EC067	PAVAN PRASAD.R
33	1KS17EC071	PRATIMA.P.AGNIHOTRI
34	1KS17EC072	PRATIMA V KASHYAP
35	1KS17EC076	RAHUL.R.NADIG
36	1KS17EC078	RAMYA.R
37	1KS17EC080	ROHINI.D
38	1KS17EC084	SAHANA.M.K

39	1KS17EC085	SAHANA.V
40	1KS17EC088	SHIVANI.K
41	1KS17EC090	SHREYAS.H.R
42	1KS17EC092	SRIVIDYA.V.R
43	1KS17EC094	SURYA.N
44	1KS17EC096	SUSHMITHA.K.N
45	1KS17EC097	SYED WAQAR KASHIF
46	1KS17EC098	TEJAS.K
47	1KS17EC099	VAIBHAVI SREENIVASA
48	1KS17EC100	VAISHNAVI.K.KATTI
49	1KS17EC102	VAISHNAVI SRIHARSHAN
50	1KS17EC103	VIDYA.V
51	1KS17EC104	VISHAL GOUTHAM.N
52	1KS17EC105	YASHASWINI.R
53	1KS16EC001	A.YESWANTH



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V SEMESTER (A,B SECTION) AFTER RV

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS17EC050	M.SIRISHA	711	88.88	FCD	A
2	1KS17EC028	CHETHANA.K.S	666	83.25	FCD	A
3	1KS17EC075	RACHANA.S	664	83.00	FCD	B
4	1KS17EC100	VAISHNAVI.K.KATTI	652	81.50	FCD	B
5	1KS17EC085	SAHANA.V	650	81.25	FCD	B
6	1KS17EC015	APEKSHA RAVI KUMAR	646	80.75	FCD	A
7	1KS17EC072	PRATIMA V KASHYAP	645	80.63	FCD	B
8	1KS17EC093	SUPRIYA.V	644	80.50	FCD	B
9	1KS17EC071	PRATIMA.P.AGNIHOTRI	643	80.38	FCD	B
10	1KS17EC076	RAHUL.R.NADIG	640	80.00	FCD	B
11	1KS17EC009	ANITHA.R	638	79.75	FCD	A
12	1KS17EC051	MADHU.S	636	79.5	FCD	A
13	1KS17EC104	VISHAL GOUTHAM.N	630	78.75	FCD	B
14	1KS17EC032	DEVIYANI.G	625	78.125	FCD	A
15	1KS17EC105	YASHASWINI.R	625	78.125	FCD	B
16	1KS17EC045	KRITHIKA.P	621	77.625	FCD	A
17	1KS17EC014	ANUSHRI.V.K	620	77.5	FCD	A
18	1KS17EC103	VIDYA.V	620	77.5	FCD	B
19	1KS17EC067	PAVAN PRASAD.R	619	77.375	FCD	B
20	1KS17EC020	BHAVANA.B.S	615	76.875	FCD	A

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K.S.INSTITUTE OF TECHNOLOGY
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CONSOLIDATED LIST OF BRIGHT STUDENTS IN III SEMESTER
FOR THE ACADEMIC YEAR - 2019-2020 (ODD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS18EC001	A N BHOOMIKA CHOWDARY
2	1KS18EC002	ABHISHEK. V
3	1KS18EC003	ADITHI.S
4	1KS18EC006	AKASH R
5	1KS18EC007	AKHILA V
6	1KS18EC010	ASHRITHA S C
7	1KS18EC015	CHARAN G
8	1KS18EC017	CHITHRITHA G R
9	1KS18EC019	DARSHAN S
10	1KS18EC021	DEEPTHI ANDANI
11	1KS18EC022	DHANUSHREE C
12	1KS18EC023	DHEERAJ M S
13	1KS18EC025	DINESH KUMAR NAYAK
14	1KS18EC026	DIVAKARBABU Y
15	1KS18EC028	GANESH P
16	1KS18EC029	GOKUL G
17	1KS18EC030	HARSH SHARMA
18	1KS18EC031	HARSHITHA S
19	1KS18EC032	JAHNAVI A P
20	1KS18EC033	JANHAVI K P
21	1KS18EC035	JISHNU S
22	1KS18EC036	JYOTSNA B UPADHYE
23	1KS18EC037	K RISHIKA RAVI
24	1KS18EC040	LAVANYA M
25	1KS18EC041	M.NIHITHA YADAV
26	1KS18EC042	MAHANTH SAI M
27	1KS18EC043	MANOJ G S
28	1KS18EC044	MEGHA R
29	1KS18EC045	MEGHANA B S
30	1KS18EC046	MEGHANA GOWDA V
31	1KS18EC047	MOHAMMED FAIZAN SHAFI
32	1KS18EC048	MONISHA B R
33	1KS18EC049	N S V JASHWANTH
34	1KS18EC050	NAGA OMKAR N
35	1KS18EC053	NAVYA M S
36	1KS18EC054	NIHARIKA S A
37	1KS18EC057	P SAI GOVARDHAN
38	1KS18EC058	PARIKSHITH S
39	1KS18EC060	POOJA S

40	1KS18EC061	PRAKRUTHI S H
41	1KS18EC063	PUNEETH M
42	1KS18EC064	PURUSHOTHAM V R
43	1KS18EC066	RAGHAVENDRA.K.P
44	1KS18EC067	RAGHU B T
45	1KS18EC070	RAM BAHADUR MAHARA
46	1KS18EC074	S MANOJ
47	1KS18EC075	S RAHUL
48	1KS18EC076	S TUSHAR HARINATH
49	1KS18EC078	SANJANA B
50	1KS18EC079	SANKET B PASCHAPURI
51	1KS18EC081	SHEETAL N GOWDA
52	1KS18EC082	SHIVA SHANKAR.B
53	1KS18EC083	SHREYA V DEV
54	1KS18EC084	SHREYAS C
55	1KS18EC085	SHREYAS D R
56	1KS18EC088	SIRISHA.M
57	1KS18EC090	SOMASHEKAR M
58	1KS18EC092	SUJAY R
59	1KS18EC093	SUPRIYA S
60	1KS18EC094	SURAJ V GHORPADE
61	1KS18EC095	SUSHMA.A.V
62	1KS18EC096	SUSHMITHA R
63	1KS18EC098	THANUSHREE D
64	1KS18EC099	VAISHNAVI G
65	1KS18EC101	VANDANA K
66	1KS18EC102	VARSHINI.B.M
67	1KS18EC104	VIJAY BABU K
68	1KS18EC106	VINAY S
69	1KS18EC107	VIRAJA BELLARY
70	1KS18EC108	VISHAL MADHUSUDAN
71	1KS18EC109	VISHWAS P
72	1KS18EC110	VIVEKGOWDA J
73	1KS16EC005	AKASH CHANDRAPPA GURUVANNAVAR
74	1KS18EC111	VRINDHA SHAM BHATT
75	1KS19EC403	NAVEEN G
76	1KS19EC409	VARSHA M S



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
RESULT ANALYSIS ODD SEMESTER 2019

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III SEMESTER (A,B. SECTION) AFTER RV

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS18EC023	DHEERAJ M S	788	87.56	FCD	A
2	1KS18EC093	SUPRIYA S	772	85.78	FCD	B
3	1KS18EC090	SOMASHEKAR M	766	85.11	FCD	B
4	1KS18EC081	SHEETAL N GOWDA	761	84.56	FCD	B
5	1KS18EC001	A N BHOO MIKA CHOWDARY	756	84.00	FCD	A
6	1KS18EC031	HARSHITHA S	749	83.22	FCD	A
7	1KS18EC041	M.NIHITHA YADAV	738	82.00	FCD	A
8	1KS18EC058	PARIKSHITH S	731	81.22	FCD	A
9	1KS18EC028	GANESH P	727	80.78	FCD	A
10	1KS18EC078	SANJANA B	724	80.44	FCD	B
11	1KS18EC111	VRINDHA SHAM BHATT	724	80.44	FCD	B
12	1KS18EC026	DIVAKARBABU Y	723	80.33	FCD	A
13	1KS18EC019	DARSHAN S	721	80.11	FCD	A
14	1KS18EC007	AKHILA V	714	79.33	FCD	A
15	1KS18EC085	SHREYAS D R	714	79.33	FCD	B
16	1KS18EC035	JISHNU S	711	79.00	FCD	A
17	1KS18EC057	P SAI GOVARDHAN	711	79.00	FCD	A
18	1KS18EC002	ABHISHEK.V	706	78.44	FCD	A
19	1KS18EC096	SUSHMITHA R	706	78.44	FCD	B
20	1KS18EC094	SURAJ V GHORPADE	704	78.22	FCD	B

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN VIII SEMESTER
FOR THE ACADEMIC YEAR - 2018-2019 (EVEN SEMESTER)**

SL.NO	USN	NAME OF THE STUDENT
1	1KS15EC001	ABHISHEK.S.GOWDA
2	1KS15EC002	ADUSUMILLI UDAY CHOWDARY
3	1KS15EC003	AKSHATHA SHENOY.U
4	1KS15EC004	AKSHAYA RAM BADALA
5	1KS15EC005	ALAKA
6	1KS15EC006	ALEKHYA RAGHUNATH
7	1KS15EC008	ANKITA.A.RAIKAR
8	1KS15EC009	ANURAG REDDY.R
9	1KS15EC010	ANUSHA.A.MURTHY
10	1KS15EC011	ARCHANA.K.N
11	1KS15EC012	ARJUN.M.KRISHNA
12	1KS15EC014	ARPITHA.N.V
13	1KS15EC016	BHAMINI RAJANNA
14	1KS15EC017	BHAVANA.K.M
15	1KS15EC018	BHUMIKA.R
16	1KS15EC019	BINDHU KUMAR.K.T
17	1KS15EC020	CHAITHRA.B
18	1KS15EC021	CHANDANA.G
19	1KS15EC022	CHANDANA.K
20	1KS15EC023	CHETHAN.N. SHETTY
21	1KS15EC024	DEEPASHREE.R
22	1KS15EC025	DHRUTHI SRIDHAR
23	1KS15EC027	ENUGU GIRESH KUMAR
24	1KS15EC028	GIRISH.H.S
25	1KS15EC029	GOWTHAM.R
26	1KS15EC030	GURU RAJ REDDY.J
27	1KS15EC032	HARSHA.K.N
28	1KS15EC033	HARSHITH.R
29	1KS15EC035	HARSHITHA.R
30	1KS15EC036	HARSHITHA.V
31	1KS15EC037	JUNAID KHAN
32	1KS15EC038	K.PRUTHVI NARAYANA
33	1KS15EC039	KAVYA.M
34	1KS15EC040	KAVYA.N
35	1KS15EC043	KODIDELA ROHINI
36	1KS15EC044	KOLLI VINOD KUMAR
37	1KS15EC046	SANJAY KARANTH.M
38	1KS15EC047	MAHIMA PADMANABHA.B
39	1KS15EC048	MANJUNATHA.B
40	1KS15EC049	MANOJ.K

41	1KS15EC050	MAYANKA GUPTA
42	1KS15EC051	MEGHA SANJAY SAVALGI
43	1KS15EC052	MEGHA SHREE.R.T
44	1KS15EC053	MEGHA.V
45	1KS15EC054	MEGHANA.K.V
46	1KS16EC403	ASHWINI B.V.
47	1KS16EC405	CHARAN BABU S.K
48	1KS16EC409	DEEPASHREE H.N.
49	1KS16EC413	HARISH REDDY K.S.
50	1KS16EC414	HARSHA N
51	1KS16EC415	HARSHITHA PRIYADARSHINI H.G.
52	1KS16EC418	KAVYA .V
53	1KS15EC056	NAGABHUSHANA BHAT.S.C
54	1KS15EC057	NAGESH.N.DIKSHIT
55	1KS15EC060	P.ANKITHA
56	1KS15EC061	PATHIPATI PAVITHRA
57	1KS15EC062	PALLAVI.T.K
58	1KS15EC064	PAVAN PATIL
59	1KS15EC066	POOJA.M
60	1KS15EC067	PRAGATHI MADHYASTHA.K.P
61	1KS15EC068	PRAGNA.B.R
62	1KS15EC069	PRAGNYA.N
63	1KS15EC070	POOJARY PRAVEEN MAHABALA
64	1KS15EC074	RAKSHITHA.S
65	1KS15EC076	RAMYA.H.N
66	1KS15EC077	RASHMI SRINIVASAN
67	1KS15EC082	SANGAM SWADI.K
68	1KS15EC083	SANJANA.A.MANEY
69	1KS15EC084	SANJANA.P.NADIG
70	1KS15EC085	SANJANA.S
71	1KS15EC086	SANNIDHI.R.SHETTY
72	1KS15EC087	SANTHOSH.K
73	1KS15EC088	SANTHOSH KUMAR.V
74	1KS15EC090	SHANKAR RAM
75	1KS15EC091	SHREYASWINI.C.K
76	1KS15EC092	SHWETHASHREE.C
77	1KS15EC093	SHWETHA.S
78	1KS15EC094	SKANDA.H.N
79	1KS15EC095	SMITHA.S.KARANTH
80	1KS15EC096	SPOORTHY.U.S
81	1KS15EC097	SUBRAMANYA.G.U
82	1KS15EC100	SUVIJITH.S
83	1KS15EC101	SWATHI.K.S
84	1KS15EC103	UDAYKUMAR.V
85	1KS15EC104	VARSHA.R
86	1KS15EC105	VISHWAS.K.K
87	1KS15EC106	YASHASWINI.D

88	1KS15EC107	MUNEEB-FAYAZ
89	1KS15EC108	SUHAIL YOUSUF BHAT
90	1KS16EC423	MONISHA .S
91	1KS16EC426	PAVITHRA S.P.
92	1KS16EC427	POOJA B
93	1KS16EC432	RAKSHITHA M.S.
94	1KS16EC433	SHASHI. O
95	1KS16EC440	YETHENDRA KUMAR S



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
AFTER RV RESULT ANALYSIS EVEN SEMESTER 2018-2019
TOPPERS LIST FINAL

VIII SEMESTER (A & B SECTION)

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS15EC095	SMITHA.S.KARANTH	654	93.43	FCD	B
2	1KS15EC101	SWATHI.K.S	645	92.14	FCD	B
3	1KS15EC094	SKANDA.H.N	631	90.14	FCD	B
4	1KS15EC100	SUVIJITH.S	626	89.43	FCD	B
5	1KS15EC037	JUNAID KHAN	621	88.71	FCD	A
6	1KS15EC067	PRAGATHI MADHYASTHA.K.P	621	88.71	FCD	B
7	1KS15EC008	ANKITA.A.RAIKAR	620	88.57	FCD	A
8	1KS15EC017	BHAVANA.K.M	620	88.57	FCD	A
9	1KS15EC043	KODIDELA ROHINI	618	88.29	FCD	A
10	1KS15EC085	SANJANA.S	616	88.00	FCD	B

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN VI SEMESTER
FOR THE ACADEMIC YEAR - 2018-2019 (EVEN SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC002	AALIYA ZAINAB
2	1KS16EC004	ADITHYA.D.M
3	1KS16EC009	ANIRUDH.K.N
4	1KS16EC011	ASHIK.B.N
5	1KS16EC013	ASHWINI.S
6	1KS16EC015	BHAGYA SHREE.S.J
7	1KS16EC016	BHARATH.R
8	1KS16EC017	BHOOMIKA.P.M
9	1KS16EC019	CHANDANA.R
10	1KS16EC020	CHARAN.A
11	1KS16EC022	DEEMANTH.K.P
12	1KS16EC023	DEEPA.R
13	1KS16EC026	DIVYALAKSHMI.G
14	1KS16EC028	HARSHINI.B.S
15	1KS16EC032	JEEVITHA KALAASHILPA.N.C
16	1KS16EC034	KADRI SRINIDHI RAO
17	1KS16EC036	KOMAL KHANDELWAL
18	1KS16EC040	LAKSHMI PRIYA.K
19	1KS16EC041	LIKHITHA.Y
20	1KS16EC042	LOKESH.S
21	1KS16EC045	MADHU.N
22	1KS16EC047	MANIKANTAN.G
23	1KS16EC049	MEENAKSHI.A
24	1KS16EC050	MEGHASHREE.V
25	1KS16EC052	NAMITA.L.RAO
26	1KS16EC053	NAMRATHA.G
27	1KS16EC054	NAMRATHA.G
28	1KS16EC055	NANDANGOWDA.S.H
29	1KS16EC057	NEHA.J.KOTWAL
30	1KS16EC058	NEHA.N.V
31	1KS16EC059	NIKITA BALAPPA NARASANNAVAR
32	1KS16EC422	MEGHA
33	1KS17EC400	ARPITHA.C.V
34	1KS17EC404	CHANDRAKALA.K.S
35	1KS17EC405	CHANDU P J
36	1KS16EC061	POOJA.K
37	1KS16EC063	PRATHIKSHA.P
38	1KS16EC064	PRATYUSHA.S.A

39	1KS16EC065	PRAVEEN TULASIDAS NAIK
40	1KS16EC067	PRIYA.S
41	1KS16EC071	RAMYA.M.S
42	1KS16EC072	RASHMI.S
43	1KS16EC076	S.SHWETHA
44	1KS16EC078	SADHVIKA CHANDRA.R
45	1KS16EC079	SAHANA.D
46	1KS16EC080	SAHANA.K.G
47	1KS16EC081	SAI TARUN TADIPARTI
48	1KS16EC085	SHEETHAL.J.RAO
49	1KS16EC087	SHREYA SRINIVAS
50	1KS16EC089	SHREYASHWINI.V
51	1KS16EC091	SHYLESH RAJ.T.D
52	1KS16EC092	SKANDA.N
53	1KS16EC094	SONIKA.V
54	1KS16EC095	SPURTHI.M.K
55	1KS16EC096	SUDHANSHU.S.SHARMA
56	1KS16EC097	SUHAS.K
57	1KS16EC099	SUMA.B.S
58	1KS16EC102	T.G.NITHYA
59	1KS16EC105	VARSHINI.K.S
60	1KS16EC106	VASUDEVA UPADHYA.K.S
61	1KS16EC108	VIDHYA.K.S
62	1KS16EC109	VIDYA.B
63	1KS16EC115	VISMITHA SONNA SATHYANARAYANA
64	1KS16EC116	VIVEK.R
65	1KS16EC416	ISHWAR MANNIKERI
66	1KS17EC409	PRABHAVATHI.K
67	1KS17EC413	TEJASWINI B
68	1KS15EC099	SURYA.K.B



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
AFTER RV RESULT ANALYSIS EVEN SEMESTER 2018-2019
TOPPERS LIST FINAL

VI SEMESTER (A & B SECTION)

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS16EC061	POOJA.K	687	85.875	FCD	B
2	1KS16EC017	BHOOMIKA.P.M	669	83.625	FCD	A
3	1KS16EC055	NANDANGOWDA.S.H	655	81.875	FCD	A
4	1KS16EC041	LIKHITHA.Y	653	81.625	FCD	A
5	1KS16EC076	S.SHWETHA	648	81	FCD	B
6	1KS16EC040	LAKSHMI PRIYA.K	646	80.75	FCD	A
7	1KS16EC054	NAMRATHA.G	645	80.625	FCD	A
8	1KS16EC072	RASHMI.S	634	79.25	FCD	B
9	1KS16EC053	NAMRATHA.G	633	79.125	FCD	A
10	1KS16EC094	SONIKA.V	628	78.5	FCD	B


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K.S.INSTITUTE OF TECHNOLOGY
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CONSOLIDATED LIST OF BRIGHT STUDENTS IN IV SEMESTER
FOR THE ACADEMIC YEAR - 2018-2019 (EVEN SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC001	ABHISHEK.K.V
2	1KS17EC002	ABIJITH SUDHIR
3	1KS17EC003	AKKSHAY.U.L
4	1KS17EC004	AKSHITHA.V.RAMESH
5	1KS17EC005	AMOGHAVARSHA.N.D
6	1KS17EC006	AMULYA.S.IYENGAR
7	1KS17EC008	ANAGHA.A.KASHYAP
8	1KS17EC009	ANITHA.R
9	1KS17EC010	ANOOP DEEKSHITH.R
10	1KS17EC012	ANUSHA.L
11	1KS17EC013	ANUSHREE.M
12	1KS17EC014	ANUSHRI.V.K
13	1KS17EC015	APEKSHA RAVI KUMAR
14	1KS17EC016	ARPITHA
15	1KS17EC018	AYESHA ROSHEEN
16	1KS17EC019	B.D.SHREENIDHI
17	1KS17EC020	BHAVANA.B.S
18	1KS17EC021	BHAVANA.J
19	1KS17EC022	BHOOMIKA.P.K
20	1KS17EC024	CHAITHRA.V.M
21	1KS17EC025	CHARAN SAI.Y
22	1KS17EC026	CHETHAN.D.R
23	1KS17EC028	CHETHANA.K.S
24	1KS17EC029	CHETHANA PRASAD.K
25	1KS17EC030	DARSHAN.T.G
26	1KS17EC031	DEVALE SUDARSHAN
27	1KS17EC032	DEVIYANI.G
28	1KS17EC033	DHAKSHITH.N.K
29	1KS16EC086	SHIVDATT .B
30	1KS17EC036	DIVYA.T.M
31	1KS17EC039	GOWTHAM.B
32	1KS17EC040	G.S.SURABHI
33	1KS17EC041	H.G.SRINIDHI
34	1KS17EC043	K.SHREYA
35	1KS17EC044	KAMNOOR SUSHMA
36	1KS17EC045	KRITHIKA.P
37	1KS17EC047	LEKHA YADAV.B
38	1KS17EC048	M.R.SRINIVAS
39	1KS17EC049	RANJITH.M

40	1KS17EC050	M.SIRISHA
41	1KS17EC051	MADHU.S
42	1KS17EC055	MANOJ KUMAR.R
43	1KS17EC056	MOHAMMAD FAIZAL
44	1KS17EC060	NAGELI JAYASAI NAIDU
45	1KS17EC062	NAVIN KUMAR.H.G
46	1KS17EC063	NAVYA.S
47	1KS17EC064	NIKHIL.V
48	1KS17EC066	PALLAVI.S
49	1KS17EC067	PAVAN PRASAD.R
50	1KS17EC068	PENUJURI NAGA SAI SNEHITHA
51	1KS17EC069	PRAJWAL.C
52	1KS17EC071	PRATIMA.P.AGNIHOTRI
53	1KS17EC072	PRATIMA V KASHYAP
54	1KS17EC073	PRUTHVIRAJ.N
55	1KS17EC075	RACHANA.S
56	1KS17EC076	RAHUL.R.NADIG
57	1KS17EC078	RAMYA.R
58	1KS17EC079	RITU PATIL
59	1KS17EC080	ROHINI.D
60	1KS17EC084	SAHANA.M.K
61	1KS17EC085	SAHANA.V
62	1KS17EC087	SHAMANTH RAJ.D.N
63	1KS17EC088	SHIVANI.K
64	1KS17EC090	SHREYAS.H.R
65	1KS17EC092	SRIVIDYA.V.R
66	1KS17EC093	SUPRIYA.V
67	1KS17EC094	SURYA.N
68	1KS17EC095	SUSHMITHA.B.L
69	1KS17EC096	SUSHMITHA.K.N
70	1KS17EC097	SYED WAQAR KASHIF
71	1KS17EC098	TEJAS.K
72	1KS17EC099	VAIBHAVI SREENIVASA
73	1KS17EC100	VAISHNAVI.K.KATTI
74	1KS17EC102	VAISHNAVI SRIHARSHAN
75	1KS17EC103	VIDYA.V
76	1KS17EC104	VISHAL GOUTHAM.N
77	1KS17EC105	YASHASWINI.R
78	1KS18EC408	VANITHA C


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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
AFTER RV RESULT ANALYSIS EVEN SEMESTER 2018-2019
TOPPERS LIST FINAL

IV SEMESTER (A ,B & C SECTION)

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS17EC050	M.SIRISHA	752	88.47	FCD	A
2	1KS17EC075	RACHANA.S	747	87.88	FCD	A
3	1KS17EC015	APEKSHA RAVI KUMAR	712	83.76	FCD	A
4	1KS17EC045	KRITHIKA.P	703	82.71	FCD	A
5	1KS17EC028	CHETHANA.K.S	698	82.12	FCD	A
6	1KS17EC071	PRATIMA.P.AGNIHOTRI	691	81.29	FCD	A
7	1KS17EC009	ANITHA.R	683	80.35	FCD	A
8	1KS17EC085	SAHANA.V	680	80.00	FCD	A
9	1KS17EC014	ANUSHRI.V.K	672	79.06	FCD	A
10	1KS17EC105	YASHASWINI.R	669	78.71	FCD	A

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K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN VII SEMESTER
FOR THE ACADEMIC YEAR - 2018-2019 (OOD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS15EC001	ABHISHEK.S.GOWDA
2	1KS15EC002	ADUSUMILLI UDAY CHOWDARY
3	1KS15EC003	AKSHATHA SHENOY.U
4	1KS15EC004	AKSHAYA RAM BADALA
5	1KS15EC005	ALAKA
6	1KS15EC006	ALEKHYA RAGHUNATH
7	1KS15EC008	ANKITA.A.RAIKAR
8	1KS15EC009	ANURAG REDDY.R
10	1KS15EC011	ARCHANA.K.N
11	1KS15EC012	ARJUN.M.KRISHNA
12	1KS15EC014	ARPITHA.N.V
13	1KS15EC016	BHAMINI RAJANNA
14	1KS15EC017	BHAVANA.K.M
15	1KS15EC019	BINDHU KUMAR.K.T
16	1KS15EC020	CHAITHRA.B
17	1KS15EC021	CHANDANA.G
18	1KS15EC022	CHANDANA.K
19	1KS15EC024	DEEPASHREE.R
21	1KS15EC025	DHRUTHI SRIDHAR
22	1KS15EC029	GOWTHAM.R
23	1KS15EC030	GURU RAJ REDDY.J
24	1KS15EC033	HARSHITH.R
25	1KS15EC035	HARSHITHA.R
26	1KS15EC036	HARSHITHA.V
27	1KS15EC037	JUNAID KHAN
28	1KS15EC038	K.PRUTHVI NARAYANA
29	1KS15EC039	KAVYA.M
30	1KS15EC040	KAVYA.N
31	1KS15EC043	KODIDELA ROHINI
33	1KS15EC044	KOLLI VINOD KUMAR
34	1KS15EC046	SANJAY KARANTH.M
35	1KS15EC048	MANJUNATHA.B
36	1KS15EC049	MANOJ.K
37	1KS15EC050	MAYANKA GUPTA
38	1KS15EC051	MEGHA SANJAY SAVALGI
39	1KS15EC052	MEGHA SHREE.R.T
40	1KS15EC053	MEGHA.V
41	1KS15EC054	MEGHANA.K.V
42	1KS15EC055	MUKUL VENKATESH

44	1KS16EC414	HARSHA N
45	1KS16EC415	HARSHITHA PRIYADARSHINI H.G.
46	1KS16EC418	KAVYA .V
47	1KS15EC056	NAGABHUSHANA BHAT.S.C
48	1KS15EC057	NAGESH.N.DIKSHIT
49	1KS15EC058	NALLANI PRIYA
50	1KS15EC059	NANDA.S
51	1KS15EC060	P.ANKITHA
52	1KS15EC061	PATHIPATI PAVITHRA
53	1KS15EC066	POOJA.M
55	1KS15EC067	PRAGATHI MADHYASTHA.K.P
56	1KS15EC068	PRAGNA.B.R
57	1KS15EC069	PRAGNYA.N
58	1KS15EC070	POOJARY PRAVEEN MAHABALA
59	1KS15EC072	PUNITH.N
60	1KS15EC074	RAKSHITHA.S
61	1KS15EC076	RAMYA.H.N
62	1KS15EC077	RASHMI SRINIVASAN
63	1KS15EC079	ROOPA.N
64	1KS15EC080	SAI PRANAV.S
65	1KS15EC082	SANGAM SWADI.K
67	1KS15EC083	SANJANA.A.MANEY
68	1KS15EC084	SANJANA.P.NADIG
69	1KS15EC085	SANJANA.S
70	1KS15EC087	SANTHOSH.K
71	1KS15EC088	SANTHOSH KUMAR.V
72	1KS15EC090	SHANKAR RAM
73	1KS15EC091	SHREYASWINI.C.K
74	1KS15EC092	SHWETHASHREE.C
75	1KS15EC093	SHWETHA.S
76	1KS15EC094	SKANDA.H.N
78	1KS15EC095	SMITHA.S.KARANTH
79	1KS15EC096	SPOORTHY.U.S
80	1KS15EC097	SUBRAMANYA.G.U
81	1KS15EC101	SWATHI.K.S
82	1KS15EC106	YASHASWINI.D
83	1KS16EC424	NAMRATHA .T.R
84	1KS16EC426	PAVITHRA S.P.
85	1KS16EC427	POOJA B
86	1KS16EC432	RAKSHITHA M.S.


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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
RESULT ANALYSIS ODD SEMESTER 2018
TOPPERS LIST

VII SEMESTER (A,B SECTION) AFTER RV

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS15EC035	HARSHITHA.R	686	85.75	FCD	A
2	1KS15EC037	JUNAID KHAN	686	85.75	FCD	A
3	1KS15EC008	ANKITA.A.RAIKAR	682	85.25	FCD	A
4	1KS15EC061	PATHIPATI PAVITHRA	677	84.63	FCD	B
5	1KS15EC101	SWATHI.K.S	677	84.63	FCD	B
6	1KS15EC019	BINDHU KUMAR.K.T	667	83.38	FCD	A
7	1KS15EC003	AKSHATHA SHENOY.U	666	83.25	FCD	A
8	1KS15EC029	GOWTHAM.R	660	82.50	FCD	A
9	1KS15EC064	PAVAN PATIL	656	82.00	FCD	B
10	1KS15EC094	SKANDA.H.N	656	82.00	FCD	B
11	1KS15EC095	SMITHA.S.KARANTH	650	81.25	FCD	B
12	1KS15EC106	YASHASWINI.D	649	81.13	FCD	B
13	1KS15EC012	ARJUN.M.KRISHNA	646	80.75	FCD	A
14	1KS15EC085	SANJANA.S	644	80.50	FCD	B
15	1KS15EC046	SANJAY KARANTH.M	644	80.50	FCD	A
16	1KS15EC082	SANGAM SWADI.K	643	80.38	FCD	B
17	1KS15EC017	BHAVANA.K.M	642	80.25	FCD	A
18	1KS15EC002	ADUSUMILLI UDAY CHOWDARY	640	80.00	FCD	A
19	1KS15EC030	GURU RAJ REDDY.J	640	80.00	FCD	A
20	1KS15EC070	POOJARY PRAVEEN MAHABALA	638	79.75	FCD	B

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN V SEMESTER
FOR THE ACADEMIC YEAR - 2018-2019 (OOD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS16EC002	AALIYA ZAINAB
3	1KS16EC004	ADITHYA.D.M
5	1KS16EC009	ANIRUDH.K.N
6	1KS16EC010	ANUSHA RAJ.D
8	1KS16EC013	ASHWINI.S
10	1KS16EC015	BHAGYA SHREE.S.J
11	1KS16EC016	BHARATH.R
12	1KS16EC017	BHOOMIKA.P.M
13	1KS16EC018	BRUNDA.S
14	1KS16EC019	CHANDANA.R
16	1KS16EC022	DEEMANTH.K.P
17	1KS16EC023	DEEPA.R
23	1KS16EC031	JAYAM HARESH THARUN
24	1KS16EC032	JEEVITHA KALAASHILPA.N.C
25	1KS16EC034	KADRI SRINIDHI RAO
26	1KS16EC035	KARTHIK.K
27	1KS16EC036	KOMAL KHANDELWAL
30	1KS16EC040	LAKSHMI PRIYA.K
31	1KS16EC041	LIKHITHA.Y
32	1KS16EC042	LOKESH.S
33	1KS16EC043	SURYA.M
34	1KS16EC044	MADHU.G
35	1KS16EC045	MADHU.N
36	1KS16EC047	MANIKANTAN.G
38	1KS16EC049	MEENAKSHI.A
39	1KS16EC050	MEGHASHREE.V
40	1KS16EC051	MOHAMMED WALEED
41	1KS16EC052	NAMITA.L.RAO
42	1KS16EC053	NAMRATHA.G
43	1KS16EC054	NAMRATHA.G
44	1KS16EC055	NANDANGOWDA.S.H
46	1KS16EC057	NEHA.J.KOTWAL
47	1KS16EC058	NEHA.N.V
48	1KS16EC059	NIKITA BALAPPA NARASANNAVAR
2	1KS16EC061	POOJA.K
4	1KS16EC063	PRATHIKSHA.P
5	1KS16EC064	PRATYUSHA.S.A
6	1KS16EC065	PRAVEEN TULASIDAS NAIK

7	1KS16EC067	PRIYA.S
9	1KS16EC071	RAMYA.M.S
10	1KS16EC072	RASHMI.S
13	1KS16EC076	S.SHWETHA
14	1KS16EC077	SACHIN.M.G
17	1KS16EC080	SAHANA.K.G
18	1KS16EC081	SAI TARUN TADIPARTI
22	1KS16EC085	SHEETHAL.J.RAO
24	1KS16EC088	SHREYAS.K.V
26	1KS16EC090	SHRINIDHI.N.S
27	1KS16EC091	SHYLESH RAJ.T.D
29	1KS16EC094	SONIKA.V
30	1KS16EC095	SPURTHI.M.K
31	1KS16EC096	SUDHANSHU.S.SHARMA
34	1KS16EC099	SUMA.B.S
35	1KS16EC102	T.G.NITHYA
38	1KS16EC106	VASUDEVA UPADHYA.K.S
39	1KS16EC108	VIDHYA.K.S
40	1KS16EC109	VIDYA.B
42	1KS16EC112	VINAY.N
45	1KS16EC116	VIVEK.R
46	1KS17EC407	HARSHA C M



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
RESULT ANALYSIS ODD SEMESTER 2018
TOPPERS LIST

V SEMESTER (A,B SECTION) AFTER RV

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS16EC072	RASHMI.S	681	85.13	FCD	B
2	1KS16EC049	MEENAKSHI.A	680	85.00	FCD	A
3	1KS16EC053	NAMRATHA.G	680	85.00	FCD	A
4	1KS16EC054	NAMRATHA.G	674	84.25	FCD	A
5	1KS16EC017	BHOOMIKA.P.M	673	84.13	FCD	A
6	1KS16EC061	POOJA.K	661	82.63	FCD	B
7	1KS16EC034	KADRI SRINIDHI RAO	656	82.00	FCD	A
8	1KS16EC102	T.G.NITHYA	656	82.00	FCD	B
9	1KS16EC064	PRATYUSHA.S.A	653	81.63	FCD	B
10	1KS16EC041	LIKHITHA.Y	651	81.38	FCD	A
11	1KS16EC052	NAMITA.L.RAO	642	80.25	FCD	A
12	1KS16EC076	S.SHWETHA	638	79.75	FCD	B
13	1KS16EC094	SONIKA.V	638	79.75	FCD	B
14	1KS16EC063	PRATHIKSHA.P	636	79.5	FCD	B
15	1KS16EC019	CHANDANA.R	632	79	FCD	A
16	1KS16EC040	LAKSHMI PRIYA.K	632	79	FCD	A
17	1KS16EC085	SHEETHAL.J.RAO	631	78.875	FCD	B
18	1KS16EC080	SAHANA.K.G	620	77.5	FCD	B
19	1KS16EC099	SUMA.B.S	619	77.375	FCD	B
20	1KS16EC116	VIVEK.R	619	77.375	FCD	B

Dr.P.N.Sudha
HOD E&C
HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
K.S. Institute of Technology
Bangalore - 560 109



K.S.INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
CONSOLIDATED LIST OF BRIGHT STUDENTS IN III SEMESTER
FOR THE ACADEMIC YEAR - 2018-2019 (OOD SEMESTER)

SL.NO	USN	NAME OF THE STUDENT
1	1KS17EC001	ABHISHEK.K.V
2	1KS17EC002	ABIJITH SUDHIR
3	1KS17EC003	AKKSHAY.U.L
4	1KS17EC004	AKSHITHA.V.RAMESH
7	1KS17EC007	ANA EPSIBA.F
9	1KS17EC009	ANITHA.R
10	1KS17EC010	ANOOP DEEKSHITH.R
11	1KS17EC011	ANUPAM.M.L
12	1KS17EC012	ANUSHA.L
13	1KS17EC013	ANUSHREE.M
15	1KS17EC015	APEKSHA RAVI KUMAR
19	1KS17EC019	B.D.SHREENIDHI
20	1KS17EC020	BHAVANA.B.S
22	1KS17EC022	BHOOMIKA.P.K
23	1KS17EC023	BINDU.J
24	1KS17EC024	CHAITHRA.V.M
25	1KS17EC025	CHARAN SAI.Y
28	1KS17EC028	CHETHANA.K.S
29	1KS17EC029	CHETHANA PRASAD.K
30	1KS17EC030	DARSHAN.T.G
32	1KS17EC032	DEVIYANI.G
34	1KS17EC035	DISHA.S
35	1KS17EC036	DIVYA.T.M
37	1KS17EC038	GOPINATH.H.C
38	1KS17EC039	GOWTHAM.B
40	1KS17EC041	H.G.SRINIDHI
43	1KS17EC044	KAMNOOR SUSHMA
44	1KS17EC045	KRITHIKA.P
45	1KS17EC046	LAKSHAN.N.S
47	1KS17EC048	M.R.SRINIVAS
48	1KS17EC049	RANJITH.M
49	1KS17EC050	M.SIRISHA
50	1KS17EC051	MADHU.S
51	1KS17EC052	MAHADEVA.G
52	1KS17EC055	MANOJ KUMAR.R
53	1KS17EC056	MOHAMMAD FAIZAL
54	1KS17EC057	MOHAMMED SADATH
55	1KS17EC059	NAGANETRA.M

56	1KS17EC060	NAGELI JAYASAI NAIDU
57	1KS17EC061	NAVEEN KUMAR BURUGUPALLY
58	1KS17EC062	NAVIN KUMAR.H.G
59	1KS17EC063	NAVYA.S
60	1KS17EC064	NIKHIL.V
61	1KS17EC068	PENUJURI NAGA SAI SNEHITHA
62	1KS17EC069	PRAJWAL.C
63	1KS17EC071	PRATIMA.P.AGNIHOTRI
64	1KS17EC072	PRATIMA V KASHYAP
65	1KS17EC075	RACHANA.S
66	1KS17EC076	RAHUL.R.NADIG
67	1KS17EC078	RAMYA.R
68	1KS17EC079	RITU PATIL
69	1KS17EC080	ROHINI.D
70	1KS17EC084	SAHANA.M.K
71	1KS17EC085	SAHANA.V
72	1KS17EC090	SHREYAS.H.R
73	1KS17EC092	SRIVIDYA.V.R
74	1KS17EC093	SUPRIYA.V
75	1KS17EC094	SURYA.N
76	1KS17EC095	SUSHMITHA.B.L
77	1KS17EC096	SUSHMITHA.K.N
78	1KS17EC097	SYED WAQAR KASHIF
79	1KS17EC098	TEJAS.K
80	1KS17EC099	VAIBHAVI SREENIVASA
81	1KS17EC100	VAISHNAVI.K.KATTI
82	1KS17EC102	VAISHNAVI SRIHARSHAN
83	1KS17EC103	VIDYA.V
84	1KS17EC104	VISHAL GOUTHAM.N
85	1KS17EC105	YASHASWINI.R
86	1KS16EC086	SHIVDATT .B
87	1KS18EC407	NAYANA B R



Dr.P.N Sudha
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Bengaluru - 560 109



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE -109
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG
RESULT ANALYSIS ODD SEMESTER 2018
TOPPERS LIST

III SEMESTER (A,B, SECTION) AFTER RV

Sl. No.	USN	Name	Total Marks	Percentage	Result	Sec.
1	1KS17EC075	RACHANA.S	788	92.71	FCD	B
2	1KS17EC105	YASHASWINI.R	734	86.35	FCD	B
3	1KS17EC050	M.SIRISHA	733	86.24	FCD	A
4	1KS16EC086	SHIVDATT .B	724	85.18	FCD	B
5	1KS17EC103	VIDYA.V	722	84.94	FCD	B
6	1KS17EC015	APEKSHA RAVI KUMAR	719	84.59	FCD	A
7	1KS17EC085	SAHANA.V	714	84.00	FCD	B
8	1KS17EC028	CHETHANA.K.S	708	83.29	FCD	A
9	1KS17EC014	ANUSHRI.V.K	700	82.35	FCD	A
10	1KS17EC076	RAHUL.R.NADIG	699	82.24	FCD	B
11	1KS17EC025	CHARAN SAI.Y	695	81.76	FCD	A
12	1KS17EC090	SHREYAS.H.R	694	81.65	FCD	B
13	1KS17EC009	ANITHA.R	693	81.53	FCD	A
14	1KS17EC100	VAISHNAVI.K.KATTI	689	81.06	FCD	B
15	1KS17EC036	DIVYA.T.M	682	80.24	FCD	A
16	1KS17EC072	PRATIMA V KASHYAP	682	80.24	FCD	B
17	1KS17EC001	ABHISHEK.K.V	681	80.12	FCD	A
18	1KS17EC102	VAISHNAVI SRIHARSHAN	679	79.88	FCD	B
19	1KS17EC104	VISHAL GOUTHAM.N	678	79.76	FCD	B
20	1KS17EC012	ANUSHA.L	673	79.18	FCD	A

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K.S. Institute of Technology
Bangaluru - 560 109

D. Quality of classroom teaching:

Monitoring quality in class room: The class room teaching process is continuously monitored by the HOD in assistance with the senior faculty. In order to ensure quality in class room teaching, Institutional and Departmental calendar of events along with Time table is displayed in all the classes. Faculty uses necessary teaching aids, well-structured lesson plans for all theory and practical courses. Faculty makes use of online courses like NPTEL to enhance & share knowledge with students. Question banks covering frequently appearing questions in university question papers and challenging questions are prepared & issued to the students. Also timely assignments and CIE are conducted to check the learning levels of students.

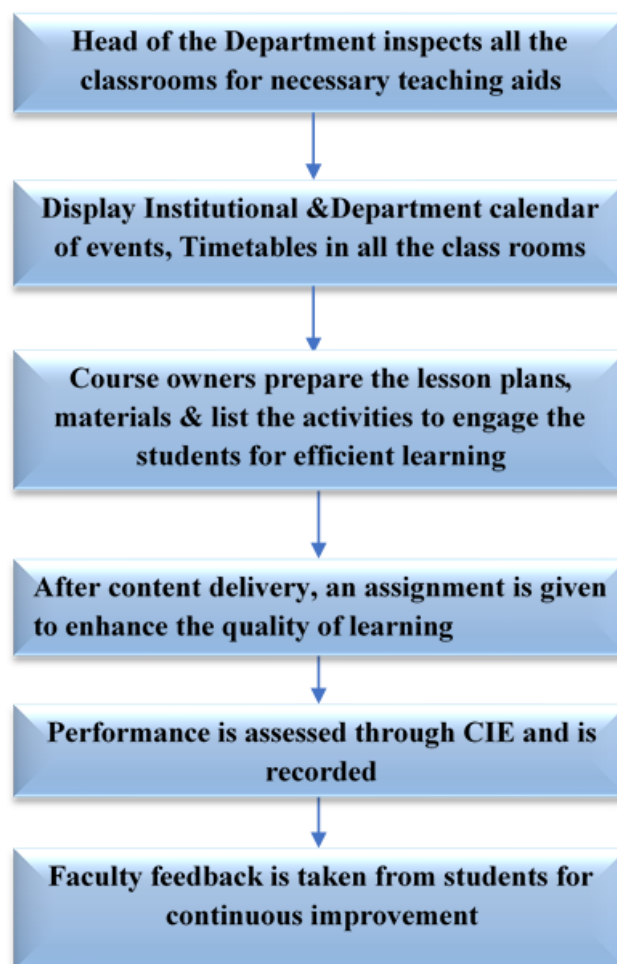


Figure2.2.1-6: Process to maintain and monitor quality in classroom teaching

Lecture delivery:

Faculty are encouraged to follow a particular sequence while preparing and delivering their lectures which may include revision of topics covered in the previous classes, introduction to the topic of lecture through examples of practical relevance. Real life examples are utilized to convey the importance of the topic to be discussed. Detailed discussion on the topic as per lesson plan {Theoretical concepts, Numerical, Case study, applications etc.}. Lecture delivery may utilize visual aids like power point presentations and relevant video clips to improve student comprehension. Summary of topics discussed followed by interactive session and attendance.

E. Conduction of Experiments**Conduction of lab class Breakup of lab duration:**

The laboratory duration is for 3hr in the morning session (8:30am to 11:30 am) & 2hr 45 min in the afternoon session (1:15pm to 4:00pm) is utilized as per the following details:

- Introduction to the experiment, fundamental concepts and practical applications.
- Aim, Tools required procedure of conduction, tabulation of observations and detailed theoretical background of the experiment.
- Demonstration of conduction, procedure and handling of equipment.
- Experiment conduction by student groups and recording of data.
- Demonstration of calculation procedure & discussion on results obtained.
- Evaluation of observation, record book and viva-voce on each experiment conducted as per the framed rubrics.

Quality in laboratory practice is ensured through following processes:

- Syllabuses, Scheme of evaluation are displayed in all laboratories in the beginning of the semester.
- Experiments are conducted by the course in-charge along with the instructor during vacation to check the correctness of the equipment and check for the problems if any so that corrective actions can be taken.
- A laboratory manual with viva-voce questions is prepared and issued to students at the beginning of each semester.
- Students are required to write experiments to be conducted in their observation book, before every lab session. Observation book and lab records are evaluated.
- Two CIEs are conducted during the semester


F. Continuous Assessment of Experiments in Lab:

Continuous assessment system is also implemented for assessment of laboratory work. The evaluation is done on the basis of submission of laboratory observations, records, conduction and punctuality of the student. Two CIEs are conducted during semester and evaluated as per Laboratory Rubrics

Table2.2.1-j: Rubrics for continuous evaluation in the laboratory

Sl. No.	Particulars	Marks
1	OBSERVATION BOOK	10 marks
2	RECORD BOOK	10 marks
3	VIVA-VOCE	05 marks
4	CIE	15 marks
Total		40 marks

Sample Record Certificate with Evaluation:



Kammavari Sangham (R)-1952
K.S.GROUP OF INSTITUTIONS
K.S. INSTITUTE OF TECHNOLOGY
 (Approved by AICTE & Affiliated to VTU)
 KANAKAPURA ROAD, BANGALORE - 560 062

Laboratory Certificate

This is to certify that ~~Mr./Ms.~~ *....CHITHRITHA.G.R.....*
 has satisfactorily completed the course of experiments in
..DIGITAL..SYSTEM..DESIGN..laboratory, Code..18ECH38.
 prescribed by Visvesvaraya Technological University, Belgaum for
 the.....III.....Semester B. E.....ECE.....Branch
 in this College during the academic year 2019... - 2020...

Name of the Candidate :.....*CHITHRITHA.G.R.*.....

USN :...*1.K.S.18.EC.017*....Subject (with code)*Digital..System..Design Laboratory*
 (18ECH38).

<i>23.3</i>	<i>14.1</i>	<i>38</i>
+ =		
<i>35</i>	<i>10.15</i>	<i>25.40</i>

Internal assessment marks awarded :

Pollada
 Signature of Staff Incharge
 Date: *14/11/2019*

PMS
 Signature of Head of
 Department

CONTENTS AND EVALUATION

Sl No	Date of Conducting Experiment	Date of Submission	Page No.	Title of the Experiment	Assessment Marks			Signature of Staff with Date
					Experiment 10 Marks	Record 5 Marks	Total	
1.	1/8/19	8/8/19	1-3	Verification of logic gates.	—	—	—	2/9/19 2/9/19
2.	8/8/19	29/8/19	4-6	De-morgan's theorem .SOP and POS.	20	5	25	29/8/19
3.	29/8/19	5/9/19	7-12	Adder and subtractor.	18	5	23	8/5/19/19
4.	5/9/19	19/9/19	13-18	Parallel Adder/Subtractor.	16.5	4.5	21	19/9/19
5.	19/9/19	26/9/19	19-21	Design and Implementation of comparator	18.5	5	23.5	26/9/19
6.	26/9/19	03/10/19	22-26	Multiplexer.	18	5	23	3/10/19
7.	26/9/19	03/10/19	27-30	Decoder.	18	5	23	3/10/19
8.	10/10/19.	17/10/19.	31-33	Flipflops.	18	5	23	17/10/19
9.	24/10/19.	31/10/19	34-38	Shift Registers.	18	5	23	31/10/19
10.	24/10/19.	31/10/19.	39-45	Synchronous & Asynchronous Counter.	18	5	23	31/10/19
11.	24/10/19.	31/10/19.	46-48	Pseudo-Random Sequence Generator	19	5	24	31/10/19
12.	7/11/19.	14/11/19	49-53	Serial Adder with Accumulator	19	5	24	14/11/19
13.		14/11/19	54-55	Design a Binary Multiplier.	19	5	24	14/11/19

CONTENTS AND EVALUATION

Sl.No.	Date of Conducting Experiment	Date of Submission	Page No.	Title of the Experiment	Assessment Marks			Signature of Staff with Date
					Experiment 10 Marks	Record 5 Marks	Total	

Sample Observation:

CONTENTS AND EVALUATION					
Sl.No.	Date of Conducting Experiment	Page No.	Title of the Experiment	Assessment for conducting experiment 10 Marks	Signature of Staff with Date
	1/08/19	1-2	Verification of Logic gates	—	sp/1/3/19
1.	8/08/19.	3-6	De-Morgan's Theorem, SOP and POS	10	sp/8/8/19
2.	29/8/19	7-10	Adder and Subtractor.	10	sp/29/8
3	5/9/19	11-13	parallel adder/subtractor.	9.5	sp/19/9
4.	19/9/19	14-16	Design and Implementation of comparator	10	sp/26/9
5.	19/9/19	17-19	Multiplexers.	10	sp/26/9
6.	26/9/19	20-24	Decoders	10	—
7.	10/10/19	25-27	Flipflop.	10	sp/10/10
8	24/10/19.	28-30.	Shift Registers.	10	—
9.	26/10/19	31-33	Synchronous and Asynchronous Counter.	10	sp/26/10
10	26/10/19.	34-36	Pseudo-Random Sequence Generator	10	—
11.	7/11/19	37-39	Serial Adder with Accumulator.	10	sp/14/10

G. Teaching evaluation process: Feedback system

To ensure quality in class room teaching student's feedback is recorded after the 1st & 2nd CIE. All the students are required to fill an online google form on portal appraising the faculty using a scale of 10 (high) through 1 (low). The comments are analyzed by the HOD and are discussed with the concerned faculty individually. Suggestions for improvement in teaching performance are given if required and faculty gives their explanation for getting less than 80% feedback.

Frequency:

- Feedback is taken from students twice in each semester for all the courses
- The feedback is taken after the 1st & 2nd CIE.

Analysis:

- The Principal is the authorized person to access the feedback portal
- The Principal tabulates and consolidates the feedback faculty wise and the same is given to the Heads of the departments

Action taken:

- The analyzed forms will be made available to respective faculty
- If feedback is < 80%, faculty will provide their explanation to Head of the Department and Principal

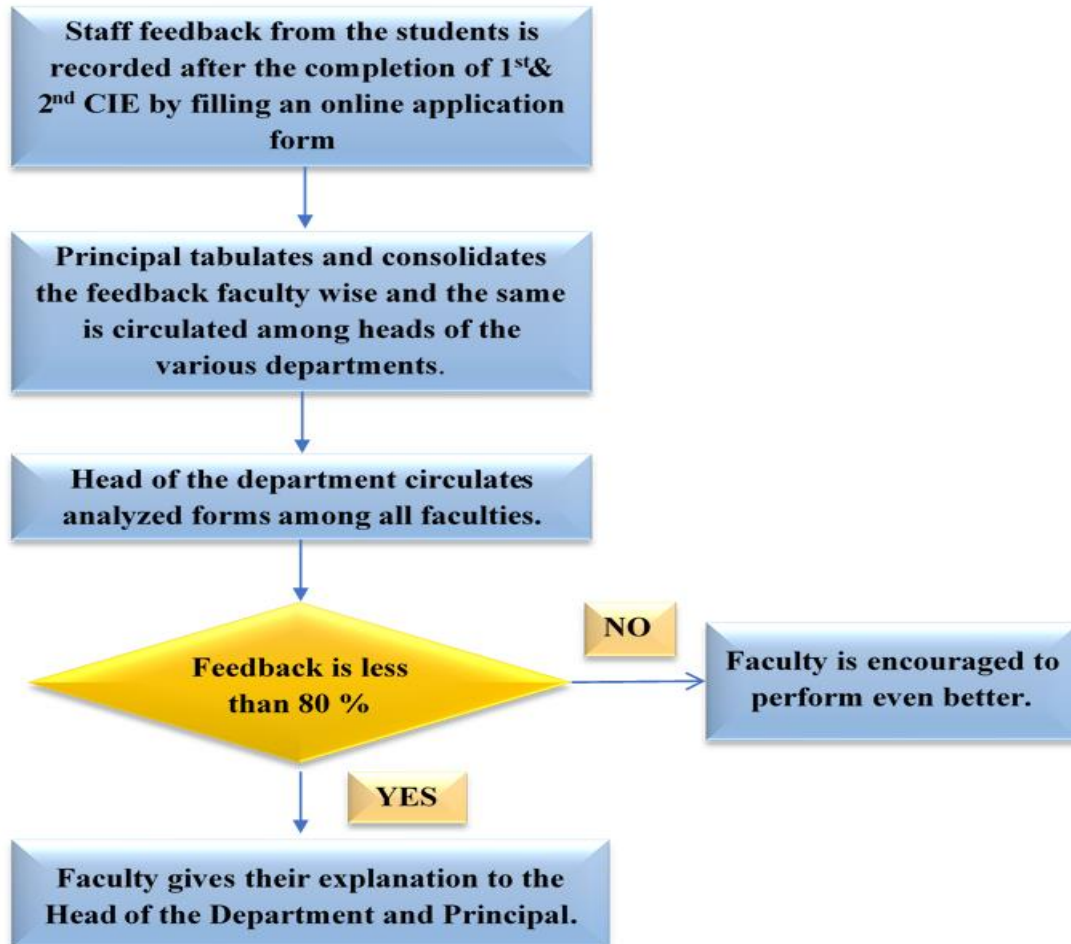


Figure2.2.1-7: Process to evaluate teaching (feedback system)

Sample feedback questionnaire:

II Staff Feedback (19-20) ODD Sem
Review Save

Previous 1 2 Next

Question : 1 Effective planning and organization of lecture

1 2 3 4 5 6 7 8 9 10

Question : 2 Punctuality/Class Time Utilization

1 2 3 4 5 6 7 8 9 10

Question : 3 Ability to teach/explain/effective use of board

1 2 3 4 5 6 7 8 9 10

Question : 4 Interaction/Motivating Students

1 2 3 4 5 6 7 8 9 10

Question : 5 Subject Knowledge

1 2 3 4 5 6 7 8 9 10

II Staff Feedback (19-20) ODD Sem
Review Save Finish

Previous 1 2 Next

Question : 6 Presentation of the subject/communication

1 2 3 4 5 6 7 8 9 10

Question : 7 Linking subject with practical applications

1 2 3 4 5 6 7 8 9 10

Question : 8 Syllabus Coverage/Exam point of view

1 2 3 4 5 6 7 8 9 10

Question : 9 Evaluation of test/Counseling


1 2 3 4 5 6 7 8 9 10

Question : 10 Attitude towards students

1 2 3 4 5 6 7 8 9 10

Remark

Sample First Faculty Feedback:



K S Institute of Technology
No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru, Karnataka 560109
Staff Feedback (18-19) Even Sem Report

Print Date:06-05-2019 11:56:14

Stream : Electronics & Communication Engineering
Semester : VI Sem
Staff Name :
Subject Name : Digital Communication

Section Strength:5
Attendee:4
Designation:Assistant Profess
Sub Code:15EC6

Sl.No.	Effective planning and organization of lecture	Punctuality/Class Time Utilization	Ability to teach/explain/effective use of board	Interaction/Motivating Students	Subject Knowledge	Presentation of the subject/communication	Linking subject with practical applications	Syllabus Coverage/Exam point of view	Evaluation of tests/Counseling	Attitude towards students	Row Total	Row Avg	Remarks
1	9	9	9	9	9	9	9	9	9	9	90	9.00	
2	10	10	10	10	10	10	10	10	10	10	100	10.00	
3	10	10	10	10	10	10	10	10	10	10	100	10.00	
4	7	8	7	7	7	6	7	7	8	9	73	7.30	
5	9	9	9	9	9	9	7	9	9	10	89	8.90	
6	10	10	10	10	9	9	9	9	10	10	96	9.60	
7	10	10	10	10	10	10	10	10	10	10	100	10.00	
8	10	10	8	9	9	8	8	10	10	10	92	9.20	
9	8	8	8	8	8	8	8	8	8	8	80	8.00	
10	10	10	10	10	10	10	10	10	10	10	100	10.00	
11	9	9	9	9	9	9	9	9	9	9	90	9.00	
12	9	9	9	9	9	9	9	9	9	9	90	9.00	
13	9	9	9	9	9	9	9	9	9	9	90	9.00	
14	10	10	10	10	10	10	10	10	10	10	100	10.00	
15	9	9	9	9	9	9	9	9	9	9	90	9.00	
16	10	10	9	10	9	10	10	10	10	10	98	9.80	Amazing teacher
17	10	10	10	10	9	9	9	9	9	10	95	9.50	
18	9	9	9	9	9	8	9	9	9	10	90	9.00	
19	8	9	8	9	8	8	9	8	9	9	85	8.50	
20	7	7	7	7	7	7	7	7	7	7	70	7.00	
21	9	10	10	10	9	9	9	9	9	9	93	9.30	
22	9	9	9	9	9	9	9	9	9	10	91	9.10	
23	10	10	10	10	10	10	9	10	10	10	99	9.90	
24	10	10	10	10	10	10	10	10	10	10	100	10.00	
25	10	10	10	10	10	10	10	10	10	10	100	10.00	
26	10	10	10	10	10	10	10	10	10	10	100	10.00	
27	8	8	8	8	8	8	8	8	8	8	80	8.00	
28	10	10	10	10	10	10	10	10	10	10	100	10.00	
29	9	9	9	9	9	9	9	9	9	10	91	9.10	
30	10	10	10	10	10	10	10	10	10	10	100	10.00	
31	10	10	10	10	10	10	10	10	10	10	100	10.00	
32	10	10	10	10	10	10	10	10	10	10	100	10.00	
33	9	10	9	9	9	9	10	10	10	10	95	9.50	good
34	9	9	9	9	9	9	9	9	9	9	90	9.00	
35	9	9	9	8	8	8	8	8	7	8	82	8.20	
36	8	8	8	7	6	6	6	9	8	8	74	7.40	
37	10	10	10	10	10	10	10	10	10	10	100	10.00	
38	10	10	10	10	10	10	10	10	10	10	100	10.00	
39	10	10	10	10	10	10	10	10	10	10	100	10.00	
40	10	10	10	10	10	10	10	10	10	10	100	10.00	
41	10	10	10	10	10	10	10	10	10	10	100	10.00	
42	8	8	8	8	8	8	8	8	8	9	81	8.10	
Col Total	391	395	389	390	384	382	383	390	391	399	3894	92.71	
Col Avg	9.31	9.40	9.26	9.29	9.14	9.10	9.12	9.29	9.31	9.50	92.71	Overall Score	92.71

HOD Signature: *[Signature]* 07/5

Date: 16.5.19



K S Institute of Technology
 No.14, Raghuvanshalli, Kasakapura Main Road, Bengaluru, Karnataka 560109
Staff Feedback (18-19) Even Sem Report

Print Date:06-05-2019 12:20:10

Stream : Electronics & Communication Engineering
 Semester : VII Sem
 Staff Name
 Subject Name : Wireless Cellular and LTE 4G Broadband


Section Strength:55
 Attended:47
 Designation:Assistant Professor
 Sub Code:15EC81

Sl.No.	Effective planning and organization of lecture	Punctuality/Class Time Utilization	Ability to teach/explain/effective use of board	Interaction/Motivating Students	Subject Knowledge	Presentation of the subject/communications	Linking subject with practical applications	Syllabus Coverage/Exam point of view	Evaluation of test/Assigning	Attitude towards students	Row Total	Row Avg	Remarks
1	10	10	10	10	10						50	5.00	
2	8	8	8	8	8	8	8	8	8	9	81	8.10	
3	9	9	9	9	9	9	9	9	9	10	91	9.10	
4	9	9	9	8	9	8	9	9	9	9	88	8.80	
5	10	10	10	10	10	10	10	10	10	10	100	10.00	
6	8	8	8	8	8						40	4.00	
7	10	10	10	10	10	10	10	10	10	10	100	10.00	
8	10	10	10	10	10	10	10	10	10	10	100	10.00	
9	9	9	9	9	9	9	10	9	10	10	93	9.30	
10	9	9	8	8	9	9	9	9	9	10	89	8.90	
11	7	8	9	9	9	8	8	8	8	9	83	8.30	
12	10	10	10	10	10	10	10	10	10	10	100	10.00	
13	10	10	9	9	9	10	10	10	10	9	96	9.60	
14	9	9	9	9	9	9	9	9	9	9	90	9.00	
15	10	10	10	10	10	10	10	10	10	10	100	10.00	
16	9	9	9	9	9	8	8	8	8	9	86	8.60	
17	9	10	9	10	9	10	10	9	10	10	96	9.60	
18	8	8	9	8	9	7	9	8	9	9	84	8.40	
19	9	10	10	10	9	9	10	10	10	10	97	9.70	
20	9	9	8	9	8	9	9	9	9	10	89	8.90	
21	9	9	9	9	9	9	9	9	9	9	90	9.00	
22	10	10	10	10	10	10	10	10	10	10	100	10.00	
23	10	10	10	10	10	10	10	10	10	10	100	10.00	
24	8	9	8	10	8	8	9	8	10	10	88	8.80	
25	10	10	10	10	10	10	10	10	10	10	100	10.00	
26	10	10	10	10	10	10	10	10	10	10	100	10.00	
27	10	10	10	10	10	10	10	10	10	10	100	10.00	
28	9	9	9	9	10	10	9	9	9	9	92	9.20	
29	9	8	8	9	8	8	7	9	10	10	86	8.60	
30	9	9	9	9	9	9	9	9	9	9	90	9.00	
31	8	8	8	8	8	8	8	8	8	10	82	8.20	
32	10	10	10	10	10	10	10	10	10	10	100	10.00	
33	10	10	10	10	10	10	10	10	10	10	100	10.00	
34	10	10	10	10	10	10	10	10	10	10	100	10.00	
35	10	10	10	10	10	10	10	10	10	10	100	10.00	
36	10	10	10	10	10	10	9	9	10	10	98	9.80	
37	9	9	9	9	9	9	9	9	9	9	90	9.00	
38	10	10	10	10	10	10	10	10	10	10	100	10.00	
39	9	9	9	9	9	9	9	9	9	10	91	9.10	
40	10	10	10	10	10	10	10	10	10	10	100	10.00	
41	9	9	9	9	9	9	9	9	9	9	90	9.00	
42	9	9	9	9	9	9	9	9	9	9	90	9.00	
43	10	10	10	10	10						50	5.00	
44	10	10	9	9	9	8	9	9	9	10	92	9.20	
45	10	10	10	10	10	10	10	10	10	10	100	10.00	
46	9	9	9	9	9	9	9	9	9	10	91	9.10	
47	9	9	9	9	9	9	9	9	9	9	90	9.00	
Col Total	438	441	437	440	438	407	411	409	416	426	4263	90.70	
Col Avg	9.32	9.38	9.30	9.36	9.32	8.66	8.74	8.70	8.85	9.05	90.70	90.70	90.70

HOD Signature: *[Signature]*
 9/15

Principal Signature: *[Signature]*
 16.5.19

Sample Second Faculty Feedback:



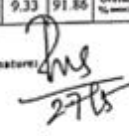
K S Institute of Technology
 No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru, Karnataka 560109
II Staff Feedback (18-19) Even Sem Report

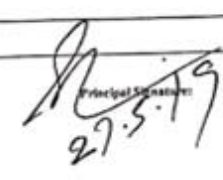
Print Date: 24-05-2019 15:55:04

Stream : Electronics & Communication Engineering
 Semester : VIII Sem Section: II
 Staff Name :
 Subject Name : Wireless Cellular and LTE 4G Broadband

Section Strength: 59
 Attended: 42
 Designation: Assistant Professor
 Sub Code: 15EC81

Sl.No.	Effective planning and organization of lecture	Punctuality/Class Time Utilization	Ability to teach/explain/effective use of board	Interactions/Motivating Students	Subject Knowledge	Presentation of the subject/communications	Linking subject with practical applications	Syllabus Coverage/Exam point of view	Evaluation of tests/Counseling	Attitude towards students	Row Total	Row Avg	Remarks
1	10	10	10	10	10	10	10	10	10	10	100	10.00	
2	9	9	9	9	9	9	9	8	8	9	88	8.80	
3	8	8	9	8	7	6	7	8	9	10	80	8.00	
4	10	10	10	10	10	10	10	10	10	10	100	10.00	
5	10	10	10	10	10						50	5.00	
6	10	10	10	10	10	10	10	10	10	10	100	10.00	
7	7	7	7	7	7	7	7	7	7	7	70	7.00	
8	10	10	10	10	10	10	10	10	10	10	100	10.00	
9	9	9	9	9	9	9	9	9	9	9	90	9.00	
10	9	9	9	9	9	9	9	9	9	10	91	9.10	
11	8	8	8	8	8	8	8	8	8	9	81	8.10	
12	10	10	10	10	10	10	10	10	9	10	99	9.90	
13	10	10	10	10	10	10	10	10	10	10	100	10.00	
14	10	10	10	10	10	10	9	9	9	10	97	9.70	
15	9	9	9	9	9	9	9	9	9	9	90	9.00	
16	9	8	7	9	8	6	6	7	8	7	75	7.50	
17	9	10	9	9	9	9	8	9	9	9	90	9.00	
18	10	10	10	10	10	10	10	10	10	10	100	10.00	
19	10	10	10	10	10	10	10	10	10	10	100	10.00	
20	10	10	10	10	10	10	10	10	10	10	100	10.00	
21	10	10	10	10	10	10	10	10	10	10	100	10.00	
22	10	10	10	10	10	10	10	10	10	10	100	10.00	
23	10	9	9	9	9	9	9	9	9	10	92	9.20	
24	8	8	7	8	7	8	7	8	10	10	81	8.10	
25	9	9	9	9	9	9	9	9	9	9	90	9.00	
26	8	8	8	8	8	8	8	8	8	8	80	8.00	
27	10	10	10	10	10	10	10	10	10	10	100	10.00	
28	10	10	10	10	10	10	10	10	10	10	100	10.00	
29	9	9	9	9	9	9	9	9	9	10	91	9.10	
30	10	10	9	10	9	10	9	10	10	10	97	9.70	
31	8	8	8	8	8	8	8	8	8	8	80	8.00	
32	10	10	10	10	10	10	10	10	10	10	100	10.00	
33	10	10	10	10	10	10	10	10	10	10	100	10.00	
34	10	10	10	10	10	10	10	10	10	10	100	10.00	
35	8	8	8	8	8	8	8	8	8	9	81	8.10	
36	10	10	10	10	10	10	10	10	10	10	100	10.00	
37	10	10	9	9	9	9	9	9	9	10	93	9.30	
38	9	9	9	9	9	9	10	10	10	10	94	9.40	
39	9	10	9	10	10	10	9	9	10	10	96	9.60	
40	10	10	10	10	10	10	10	10	10	10	100	10.00	
41	9	9	9	9	9	9	9	9	9	10	91	9.10	
42	10	9	8	8	9	9	10	10	9	9	91	9.10	
Col Total	394	393	387	391	388	377	375	379	382	392	3858	91.86	
Col Avg	9.38	9.36	9.21	9.31	9.24	8.98	8.93	9.02	9.10	9.33	91.86	Overall % mark	91.86

HOD Signature: 

Principal Signature:  27.5.19



K S Institute of Technology
 No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru, Karnataka 560109
II Staff Feedback (18-19) Even Sem Report

Print Date:24-05-2019 15:02:50

Stream : Electronics & Communication Engineering
 Semester : VI Sem Section: B
 Staff Name :
 Subject Name : Digital Communication

Section Strength:56
 Attended:37
 Designation:Assistant Professor
 Sub Code:15EC61

Sl.No.	Effective planning and organization of lecture	Punctuality/Class Time Utilization	Ability to teach/explain/effective use of board	Interaction/Motivating Students	Subject Knowledge	Presentation of the subject/communication	Linking subject with practical applications	Syllabus Coverage/Exam point of view	Evaluation of test/Consulting	Attitude towards students	Row Total	Row Avg	Remarks
1	4	4	3	3	4	3	3	3	3	3	33	3.30	
2	9	9	9	9	9	9	9	9	9	9	90	9.00	
3	10	10	10	10	10	9	9	9	9	9	95	9.50	
4	10	10	10	10	10	10	10	10	10	10	100	10.00	
5	10	10	7	7	9	7	9	9	9	10	87	8.70	
6	10	10	10	10	10	10	10	10	10	10	100	10.00	
7	9	9	9	9	9	8	8	9	9	9	88	8.80	
8	9	9	9	9	9	9	9	9	9	10	91	9.10	
9	10	10	10	10	10	10	10	10	10	10	100	10.00	
10	10	10	10	10	10	10	10	10	10	10	100	10.00	
11	9	9	8	8	8	9	9	8	8	8	85	8.50	
12	10	10	9	10	9	9	9	10	9	10	95	9.50	
13	9	9	9	9	9	10	10	10	10	10	95	9.50	
14	9	9	8	9	8	8	9	9	8	8	85	8.50	
15	9	9	9	9	9	8	8	8	8	8	85	8.50	
16	8	7	7	7	8	8	7	8	8	9	77	7.70	
17	8	9	8	9	8	8	8	9	8	9	85	8.50	
18	9	8	9	9	9	9	9	9	9	9	89	8.90	
19	10	10	10	10	10	10	10	10	10	10	100	10.00	
20	10	10	10	10	10	10	10	10	10	10	100	10.00	
21	10	10	10	10	10	10	10	10	10	10	100	10.00	
22	10	10	10	10	10	10	10	10	10	10	100	10.00	
23	10	10	10	10	10	10	10	10	10	10	100	10.00	
24	10	10	10	10	10	10	10	10	10	10	100	10.00	
25	10	10	10	10	10	10	10	10	10	10	100	10.00	
26	7	7	7	7	7	7	7	7	7	7	70	7.00	
27	10	10	10	10	10	10	10	10	10	10	100	10.00	
28	10	10	10	10	10	10	10	10	10	10	100	10.00	
29	10	10	10	10	10	10	10	10	10	10	100	10.00	
30	10	10	10	10	10	10	10	10	10	10	100	10.00	
31	8	9	9	9	9	9	8	8	8	10	87	8.70	
32	10	10	10	10	10	10	10	10	10	10	100	10.00	
33	10	10	10	10	10	10	10	10	10	10	100	10.00	
34	10	10	10	10	10	10	10	10	10	10	100	10.00	good
35	8	8	8	8	8	8	8	8	8	9	81	8.10	
36	9	9	9	10	10	10	10	9	9	10	95	9.50	
37	10	10	10	10	10	10	10	10	10	10	100	10.00	
Col Total	344	344	338	341	342	338	340	340	339	347	3413	92.24	
Col Avg	9.30	9.30	9.14	9.22	9.24	9.14	9.19	9.19	9.16	9.38	92.24	92.24	

HOD Signature: *[Signature]*
 27/5

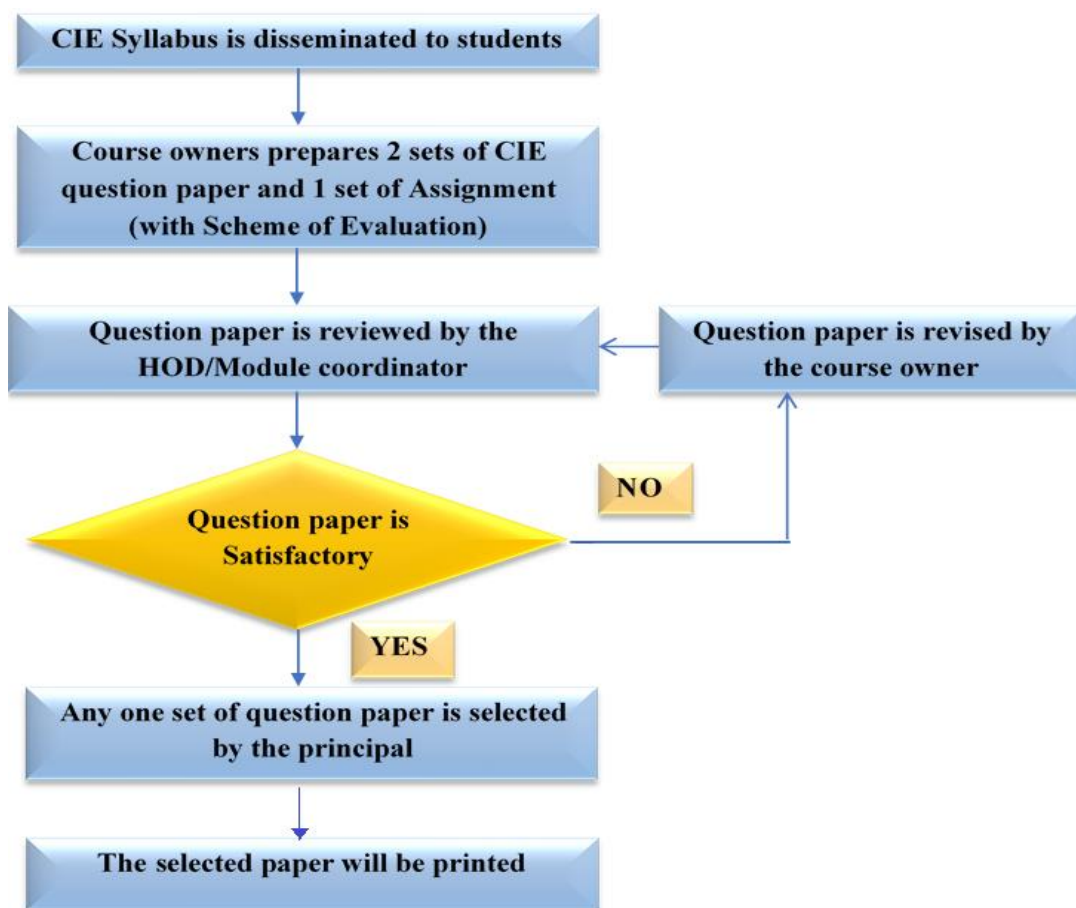
Principal Signature: *[Signature]*
 27.5.19.

2.2.2. Quality of internal semester Question papers, Assignments and Evaluation (20)


Institute marks: 20

A. Quality of CIE question paper

Three CIE is conducted in every semester for each course. The staff members and the students are well aware of all the CIE dates at the beginning of the semester. The CIE will be conducted as per the dates mentioned in calendar of events for each course. Question papers are prepared using Bloom's taxonomy levels and highlighting the course outcomes. Course owners will have the commitment to complete all the course outcomes before third CIE. Before each CIE two sets of question papers and one assignment along with the scheme of evaluation are set for each course and submitted to the Test Coordinator after getting it scrutinized by the HOD/Module coordinator. Head of the institute selects any one question paper out of two sets for conduction of CIE.

**Figure 2.2.2-1: Process to uphold quality in CIE question paper**


Sample Circular for CIE QP Submission (Online Internals):



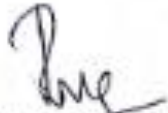
K.S. INSTITUTE OF TECHNOLOGY, BANGALORE -109
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
Instructions to Course In charge (Online Internals)

First Internals

- Use the Format sent for preparing the Question paper with the mentioned marks distribution
- At the end of the Question paper mention the mail ID to which students should submit the answer sheets
- Please submit TWO sets of Question paper along with scheme and solution to the mail ID ksiteceexam@gmail.com before 20th May 2021
- The selected Question paper will be intimated to the Course In charge before 30 minutes of the commencement of the Internals
- The selected question paper will be published by the Course In charge at the scheduled time of internals
- The course In charge should do the online invigilation during the internals
- The attendance should be marked by the course In charge during the internals
- The course In charge should do the recording of the internals session
- Faculty members are informed to finalize attendance for internals calculating attendance till 20th May 2021 and enter the same in the attendance Register
- Faculty members are requested to inform the students to share the final answer scripts to the mail id in PDF format.




Signature of Test Coordinator




Signature of HOD/ECE

Sample CIE Time Table(Online Internals):




K.S. INSTITUTE OF TECHNOLOGY, BANGALORE -109
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
First Internals Time Table (Online)


Date	Time	VIII Sem				VII Sem				VI Sem				V Sem				IV SEM			
		17 Scheme	18 Scheme	19 Scheme	20 Scheme	17 Scheme	18 Scheme	19 Scheme	20 Scheme	17 Scheme	18 Scheme	19 Scheme	20 Scheme	17 Scheme	18 Scheme	19 Scheme	20 Scheme	17 Scheme	18 Scheme	19 Scheme	20 Scheme
24-05-21	9.30 am-11.00am 2.00pm-3.30pm	Wireless Cellular and LTE 4G Broadband (19EC01) Mr. Proth	Wireless Cellular and LTE Broadband (17EC081)	Digital Communication (19EC051) Ms. Sangeetha V	Digital Communication (17EC051) Ms. Sangeetha V	ARM Microcontroller & Embedded Systems (19EC02)	ARM Microcontroller & Embedded Systems (17EC02) Ms. Anusa Rao	Embedded Systems (18EC02)	Embedded Systems (17EC02)	Microprocessors and Assemblies (18EC06)	Microprocessors and Assemblies (17EC06)	Operating Systems (18EC04)	Operating Systems (17EC04)	Python Application Programming (18EC066)	Python Application Programming (17EC066)	Signals & Systems (18EC45)	Signals & Systems (17EC45)	Microcontroller (18EC46)	Microcontroller (17EC46)	Contribution of India, Professional Ethics and Cyber Law (18EC2049)	Contribution of India, Professional Ethics and Cyber Law (17EC2049)
25-05-21	2.00pm-3.30pm	Fiber Optics & Networks (19EC02) Mr. SST	Fiber Optics & Networks (17EC02)	VLSI Design (19EC03) Mr. Praveen	VLSI Design (17EC03) Mr. Praveen	Computer Communication Network (19EC04)	Computer Communication Network (17EC04) Dr. Dinesh Kumar	Computer Communication Network (18EC04)	Computer Communication Network (17EC04)	Digital Switching Systems (19EC054)	Digital Switching Systems (17EC054) Dr. Rohita	Digital Switching Systems (18EC054)	Digital Switching Systems (17EC054) Dr. Rohita	Digital Switching Systems (18EC054)	Digital Switching Systems (17EC054) Dr. Rohita	Digital Switching Systems (18EC054)	Digital Switching Systems (17EC054) Dr. Rohita	Digital System Design using Verilog (19EC062) Mr. Dilip J	Digital System Design using Verilog (17EC062) Mr. Dilip J		
26-05-21	9.30 am-11.00am	Radar Engineering (19EC033) Mr. Proth	Radar Engineering (17EC033)	Digital Switching Systems (19EC054)	Digital Switching Systems (17EC054) Dr. Rohita	Network Security (19EC033) Mr. SST	Network Security (17EC033)	Introduction to Data Structures and Algorithms (18EC067)	Introduction to Data Structures and Algorithms (17EC067)	Supply Chain Management (18ME653) Mr. Gauram	Supply Chain Management (17ME653)	Supply Chain Management (18ME653) Mr. Gauram	Supply Chain Management (17ME653)	Supply Chain Management (18ME653) Mr. Gauram	Supply Chain Management (17ME653)	Supply Chain Management (18ME653) Mr. Gauram	Supply Chain Management (17ME653)	Supply Chain Management (18ME653) Mr. Gauram	Supply Chain Management (17ME653)		
27-05-21	9.00 am-10.00 am	GSM (10EC043) Ms. Sangeetha V	GSM (10EC043) Ms. Sangeetha V	Digital System Design using Verilog (19EC062) Mr. Dilip J	Digital System Design using Verilog (17EC062) Mr. Dilip J	Digital System Design using Verilog (19EC062) Mr. Dilip J	Digital System Design using Verilog (17EC062) Mr. Dilip J	Digital System Design using Verilog (19EC062) Mr. Dilip J	Digital System Design using Verilog (17EC062) Mr. Dilip J	Digital System Design using Verilog (19EC062) Mr. Dilip J	Digital System Design using Verilog (17EC062) Mr. Dilip J	Digital System Design using Verilog (19EC062) Mr. Dilip J	Digital System Design using Verilog (17EC062) Mr. Dilip J	Digital System Design using Verilog (19EC062) Mr. Dilip J	Digital System Design using Verilog (17EC062) Mr. Dilip J	Digital System Design using Verilog (19EC062) Mr. Dilip J	Digital System Design using Verilog (17EC062) Mr. Dilip J	Digital System Design using Verilog (19EC062) Mr. Dilip J	Digital System Design using Verilog (17EC062) Mr. Dilip J		



Signature of Test Coordinator



HOD/ECE



Principal

Sample CIE Question Paper Selection Format for Online Internals

K S INSTITUTE OF TECHNOLOGY, BANGALORE -109
 DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
 Selected Question Paper (Online Internals)

IV Semester:

Sl.No	Course code	Course	Selected Set
1	18MAT41	Complex Analysis, Probability and Statistical Methods	Common to all branches
2	18EC42	Analog Circuits	A
3	18EC43	Control Systems	B
4	18EC44	Engineering Statistics & Linear Algebra	B
5	18EC45	Signals & Systems	A
6	18EC46	Microcontroller	B

VI Semester:


Sl.No	Course code	Course	Selected Set
1	18EC61	Digital Communication	B
2	18EC62	Embedded Systems	B
3	18EC63	Microwave and Antennas	A
4	18EC641	Operating System (Professional Elective-1)	A
5	18EC646	Python Application Programming (Professional Elective-1)	B
6	18CS652	Introduction to Data Structures and Algorithms (Open Elective-A)	A
7	18ME653	Supply Chain Management (Open Elective-A) (MECHANICAL DEPARTMENT)	A

VIII Semester:

Sl.No	Course code	Course	Selected Set
1	17EC81	Wireless Cellular and LTE 4G Broadband	A
2	17EC82	Fiber Optics & Networks (SAI ECM)	A
3	17EC833	Radar Engineering (Professional Elective-5)	B
4	17EC835	Network and Cyber Security (Professional Elective-5)	B

Signature
 25/6/21

Sample I CIE QP Set-A:



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
I SESSIONAL TEST QUESTION PAPER 2020 – 21 EVEN SEMESTER

USN

Set A


Degree : B.E
 Branch : Electronics & Communication Engg
 Subject Title : Microwave and Antennas
 Duration : 90 Minutes

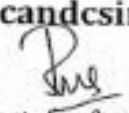
Semester : VI A & B
 Subject Code : 18EC63
 Date : 25.05.2021
 Max Marks : 30


Note: Answer ONE full question from each part.

Q No.	Question	Mark s	CO mapping	K-Level
PART-A				
1(a)	Derive an expression for propagation constant, Phaseconstant and attenuation constant in terms primary constants	6	CO1	K3 Applying
(b)	Discuss mechanism of oscillation in Reflex Klystron with schematic	6	CO1	K2 Understanding
(c)	A telephone line has $R=6\Omega/KM$, $L=2.2mH/km$, $C=0.005\mu F/km$ and $G=0.05\mu mho/km$. Determine Z_0 , α , β at 1KHz.If the line length is 100km,Determine the attenuation constant, Phase shift of the signal. Calculate the phase velocity of the signal.	6	CO1	K3 Applying
OR				
2(a)	Derive an expression for Transmission line equation	6	CO1	K3 Applying
(b)	Explain the velocity and density modulation in Reflex Klystron with a neat diagram along with mode curves[Apple gate diagram]	6	CO1	K2 Understanding
(c)	Derive an expression for VSWR, reflection coefficient and Transmission coefficient in terms of Z_L and Z_0	6	CO1	K3 Applying
PART-B				
3(a)	Derive an expression for input reflection coefficient of a two port network with mismatched load & Explain different losses in transmission line	6	CO2	K3 Applying
(b)	Identify different types of Tee's and explain E Tee and obtain S matrix for the same. Mention different losses in transmission line	6	CO2	K3 Understanding
OR				
4(a)	Identify different types of attenuators and explain the same with a neat sketch	6	CO2	K2 Understanding
(b)	Compare S matrix with low frequency parameters & identify the properties of S matrix.	6	CO2	K3 Applying

Mail to: cmcandcsinternals@gmail.com


 Course Incharge



 Module Co-ordinator



 HOD ECE dept

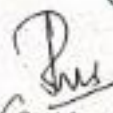
Sample I CIE QP Set-B:

Q No.	Question	Marks	CO Mapping	K-Level
PART-A				
1(a)	Derive an expression for Transmission line equation in terms of Voltage and current.	6	CO1	K3 Applying
(b)	Discuss mechanism of oscillation in Reflex Klystron with schematic	6	CO1	K3 Applying
(c)	A telephone line has $R=6\Omega/\text{KM}$, $L=2.2\text{mH}/\text{km}$, $C=0.005\mu\text{F}/\text{km}$ and $G=0.05\mu\text{mho}/\text{km}$. Determine Z_0 , α , β at 1KHz. If the line length is 100km, Determine the attenuation constant, Phase shift of the signal. Calculate the phase velocity of the signal.	6	CO1	K3 Applying
OR				
2(a)	A microwave transmission line has characteristic impedance of $Z_0=100\angle-53.13^\circ$ when it is terminated in an unknown impedance Z_L . The transmission coefficient was observed to be $1.09\angle-35.34^\circ$. Find the reflection coefficient, Terminating load, VSWR	6	CO1	K3 Applying
(b)	Explain the velocity and density modulation in Reflex Klystron with a neat diagram along with mode curves	6	CO1	K3 Applying
(c)	Derive an expression for VSWR, reflection coefficient and Transmission coefficient in terms of Z_L and Z_0	6	CO1	K3 Applying
PART-B				
3(a)	Derive an expression for input reflection coefficient of a two port network with mismatched load. Define different losses in transmission line	6	CO2	K3 Applying
(b)	Identify different types of Tee's and explain Magic Tee and obtain S matrix for the same	6	CO2	K3 Applying
OR				
4(a)	Identify different types of attenuators and explain the precision attenuator with a neat sketch	6	CO2	K3 Applying
(b)	State the properties of S matrix and Derive S matrix for multiport network	6	CO2	K3 Applying


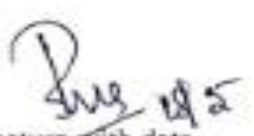
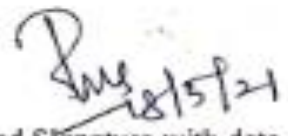
Mail to: cmcandcsinternals@gmail.com


 Signature of Course Incharge


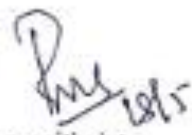
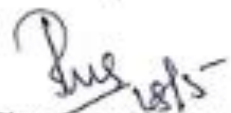

 Module Coordinator


 Course Incharge


Sample Scrutiny Format for I CIE QP- Set-A:

 K S INSTITUTE OF TECHNOLOGY Bangalore – 560109 Department of Electronics and Communication Engineering	
<u>CIE Question paper Scrutiny format</u>	
Course Name	Microwave & Antennas
Course Code	18EC63
Course Incharge	Dr P-N-Judha
Academic year	2020-21
Semester	6 th
CIE #	1 st Internals
Set	A <input type="checkbox"/> B <input type="checkbox"/>
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions framed are according to Blooms level?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Difficulty level	Very High <input type="checkbox"/> High <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Low <input type="checkbox"/>
Final decision	Accepted without corrections <input checked="" type="checkbox"/> Accepted with minor corrections <input type="checkbox"/> Not accepted <input type="checkbox"/>
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Signature with date of CIE Question paper setter </div> <div style="text-align: center;">  Name and Signature with date of CIE Question paper Scrutiniser </div> </div>	

Sample Scrutiny Format for I CIE QP- Set-B:

 K S INSTITUTE OF TECHNOLOGY Bangalore – 560109 Department of Electronics and Communication Engineering	
<u>CIE Question paper Scrutiny format</u>	
Course Name	Microwave & Antenna
Course Code	18EC63
Course Incharge	Dr. P.N. Susha
Academic year	2020-21
Semester	6th
CIE #	I or Internal
Set	A <input type="checkbox"/> B <input checked="" type="checkbox"/>
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes <input type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions framed are according to Blooms level?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Difficulty level	Very High <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low <input type="checkbox"/>
Final decision	Accepted without corrections <input checked="" type="checkbox"/> Accepted with minor corrections <input type="checkbox"/> Not accepted <input type="checkbox"/>
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Signature with date of CIE Question paper setter </div> <div style="text-align: center;">  Name and Signature with date of CIE Question paper Scrutiniser </div> </div>	

Sample II CIE QP Set-A:



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
 II SESSIONAL TEST QUESTION PAPER 2020 - 21 EVEN SEMESTER

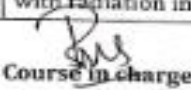
USN

SET A

Degree :	B.E	Semester :	VIA & B
Branch :	Electronics & Communication Engg	Subject Code :	18EC63
Subject Title :	Microwave and Antennas	Date :	29.06.2021
Duration :	90 Minutes	Max Marks :	30


Note: Answer ONE full question from each part.

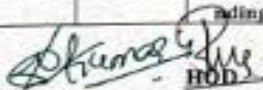
Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	Derive an expression for Friis transmission line equation. Solve & find the received power P_r if a radio link transmitter connected to an antenna of $2.5m^2$ effective aperture at 5Ghz. The receiving antenna has an effective aperture of $0.5m^2$ and is located at a distance of 15Km in line of sight with the transmitting antenna and power of transmitting antenna is 100W.	6	CO3	Applying
(b)	Mention all the losses encountered in micro strip lines & Derive an expression for Ohmic loss and dielectric loss for microstrip	6	CO3	Understanding
(c)	Solve & find the HPBW and beam width between the first nulls for an antenna with field pattern given by $E(\theta) = \cos\theta \cos 2\theta$ for $0 \leq \theta \leq 90^\circ$	6	CO3	Applying
OR				
2(a)	Obtain the relation between the effective height & aperture of the antenna also $S.T h_e = [A_e R_t / 30 \Pi]^{1/2}$ & A parabolic reflector antenna is circular cross section with a diameter of 1.22m. If the maximum effective aperture is 55% of the physical a aperture, calculate gain of the antenna in db at 20Ghz	6	CO3	Applying
(b)	Define the terms Beam Angle, Beam efficiency, Directivity, Gain and Effective aperture of an antenna and build [obtain] the expression for the same	6	CO3	Applying
(c)	Derive characteristic impedance of micro strip line with a neat diagram	6	CO3	Understanding
PART-B				
3(a)	A 300Ω line feeding an antenna has a standing wave ration of 4 and distance from load to the first voltage minimum is 28cm. If the frequency is 150MHz, design & develop a single stub matching system to eliminate standing wave.	6	CO2	Applying
(b)	State and explain Power Theorem and find the power and directivity for source with radiation intensity pattern given by $U = U_m \cos\theta$	6	CO4	Understanding
OR				
4(a)	Explain all the properties of Smith Chart & calculate the input impedance of a 200Ω line, $3/8$ wavelength long terminated in a 100Ω resistance using Smith Chart. Also find K	6	CO2	Applying
(b)	Define a point source & find the power and directivity for source with radiation intensity pattern given by $U = U_m \sin\theta$	6	CO4	Understanding



Course in charge


Mail to: cmcandcsinternals@gmail.com
 Module Coordinator





HOD

Sample II CIE QP Set-B:



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109

II SESSIONAL TEST QUESTION PAPER 2020 - 21 EVEN SEMESTER

SET - B

Degree : B.E

Branch : Electronics and Communication Engg

Course Title : Microwave and Antennas

Duration : 90 Minutes

USN									
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Semester : VI A & B

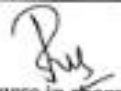
Course Code : 18EC63

Date : 29.06.2021

Max Marks : 30

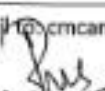
Note: Answer ONE full question from each part.

Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	Obtain the relation between the effective height & aperture of the antenna also $S.T\ h_e = [A_e R_t / 30 \pi]^{1/2}$ & A parabolic reflector antenna is circular cross section with a diameter of 1.22m. If the maximum effective aperture is 55% of the physical a aperture, calculate gain of the antenna in db at 20Ghz	6	CO3	Applying
(b)	Mention all the losses encountered in micro strip lines & Derive an expression for Ohmic loss and dielectric loss for microstrip	6	CO3	Understanding
(c)	Model & Derive characteristic impedance of micro strip line with a neat diagram	6	CO3	Applying
OR				
2(a)	Explain different types of planar stripline with a neat diagram	6	CO3	Understanding
(b)	Derive an expression for Friis transmission line equation. Solve & find the received power P_r if a radio link transmitter connected to an antenna of $2.5m^2$ effective aperture at 5Ghz. The receiving antenna has an effective aperture of $0.5m^2$ and is located at a distance of 15Km in line of sight with the transmitting antenna and power of transmitting antenna is 100W	6	CO3	Applying
(c)	Build[obtain] the HPBW and beam width between the first nulls for an antenna with field pattern given by $E(\theta) = \cos\theta \cos 2\theta$ for $0 \leq \theta \leq 90^\circ$	6	CO3	Applying
PART-B				
3(a)	Mention different types of microwave phase shifter & Explain rotary precision phase shifter with a neat diagram	6	CO2	Understanding
(b)	Define a point source. Solve & find the power and directivity for source with radiation intensity pattern given by $U = U_0 \cos\theta$	6	CO4	Applying
OR				
4(a)	A 300Ω line feeding an antenna has a standing wave ration of 4 and distance from load to the first voltage minimum is 28cm. If the frequency is 150MHz, design & develop a single stub matching system to eliminate standing wave.	6	CO2	Applying
(b)	State and explain Power Theorem and find the power and directivity for source with radiation intensity pattern given by $U = U_0 \sin^2\theta$	6	CO4	Understanding

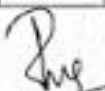


Course in-charge

Mail to: cmccandcsinternals@gmail.com


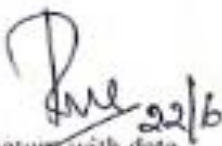
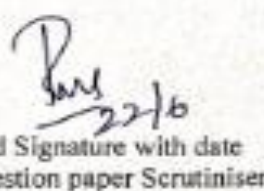


Module Coordinator


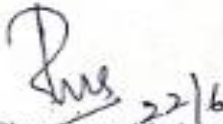
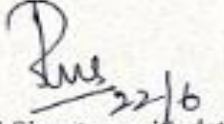


HOB


Sample Scrutiny Format for II CIE QP- Set-A:

 K S INSTITUTE OF TECHNOLOGY Bangalore – 560109 Department of Electronics and Communication Engineering	
<u>CIE Question paper Scrutiny format</u>	
Course Name	Microwave & Antennas
Course Code	18EC63
Course Incharge	Dr. P.N. Sudha
Academic year	2020-21
Semester	6 th Sem
CIE #	2 nd Internal
Set	A <input checked="" type="checkbox"/> B <input type="checkbox"/>
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions framed are according to Blooms level?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Difficulty level	Very High <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low <input type="checkbox"/>
Final decision	Accepted without corrections <input checked="" type="checkbox"/> Accepted with minor corrections <input type="checkbox"/> Not accepted <input type="checkbox"/>
 Signature with date of CIE Question paper setter	 Name and Signature with date of CIE Question paper Scrutiniser

Sample Scrutiny Format for II CIE QP- Set-B:

 K S INSTITUTE OF TECHNOLOGY Bangalore – 560109 Department of Electronics and Communication Engineering	
<u>CIE Question paper Scrutiny format</u>	
Course Name	Microwave & Antenna
Course Code	18EC63
Course Incharge	Dr. P.N. Sudha
Academic year	2020-21
Semester	6 th Sem
CIE #	2 nd Internals
Set	A <input type="checkbox"/> B <input checked="" type="checkbox"/>
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions framed are according to Blooms level?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Difficulty level	Very High <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low <input type="checkbox"/>
Final decision	Accepted without corrections <input checked="" type="checkbox"/> Accepted with minor corrections <input type="checkbox"/> Not accepted <input type="checkbox"/>
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Signature with date of CIE Question paper setter </div> <div style="text-align: center;">  Name and Signature with date of CIE Question paper Scrutiniser </div> </div>	

Sample III CIE QP Set-A:



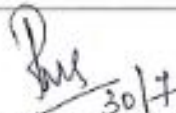
K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
III SESSIONAL TEST QUESTION PAPER 2020 - 21 EVEN SEMESTER

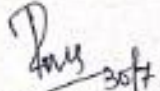
SET - A

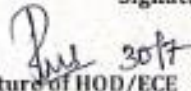
Degree : B.E Branch : Electronics and Communication Engg Course Title : Microwave and Antennas Duration : 90 Minutes	<table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td>USN</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> Semester : VI A & B Course Code : 18EC63 Date : 6 th Aug 2021 Max Marks : 30	USN														
USN																

Note: Answer ONE full question from each part.

Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	With a neat diagram explain different types of horn antenna and derive the expression for L, a, θ & δ.	6	CO5	Applying K3
(b)	Write short notes on parabolic reflector and explain the working of Parabolic antenna different feeds	6	CO5	Understanding K2
(c)	Derive the expression for the radiation resistance of loop antenna	6	CO5	Applying K3
OR				
2(a)	Derive the expression for the radiation resistance of circular loop antenna	6	CO5	Applying K3
(b)	Write a note on folded dipole antenna and find the radiation resistance of a single turn and an eight turn small circular loop antenna if the radius of the loop is $\lambda/25$ and medium is free space.	6	CO5	Applying K3
(c)	Mention different ground plane in Helical antenna & Explain the working of Helical antenna in different modes with a neat sketch	6	CO5	Understanding K2
PART-B				
3(a)	Derive the field equation for linear arrays of N Isotropic Point Sources of equal Amplitude and Spacing	6	CO4	Applying K3
(b)	Define a dipole antenna and obtain the maximum power radiated by a dipole antenna	6	CO4	Understanding K2
OR				
4(a)	Derive the expression for the radiation resistance of short dipole antenna	6	CO4	Applying K3
(b)	Explain the working & radiation pattern of a isotropic antenna, dipole antenna & a point source antenna with a neat diagram	6	CO4	Understanding K2

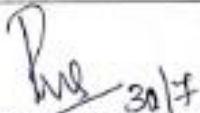

 Signature of course in-charge

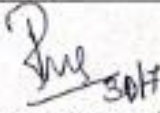

 Signature of Module Coordinator

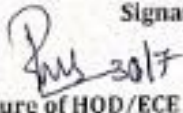

 Signature of HOD/ECE


Sample III CIE QP Set-B:

Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	Derive the expression for the radiation resistance of circular loop antenna	6	CO5	Applying K3
(b)	Write short notes on parabolic reflector and explain the working of Parabolic antenna different feeds	6	CO5	Understanding K2
(c)	Explain the structure of Yagi uda antenna with a neat diagram & mention the advantage of using folded dipole antenna as active element in Yagi uda antenna and obtain the design details for the Yagi uda antenna	6	CO5	Applying K3
OR				
2(a)	With a neat diagram explain different types of horn antenna and derive the expression for L, a, θ & δ .	6	CO5	Applying K3
(b)	Derive the expression for the radiation resistance of loop antenna	6	CO5	Applying K3
(c)	Mention different ground plane in Helical antenna & Explain the working of Helical antenna in different modes	6	CO5	Understanding K2
PART-B				
3(a)	Derive the field equation for linear arrays of N Isotropic Point Sources of equal Amplitude and Spacing	6	CO4	Applying K3
(b)	Define a dipole antenna and obtain the maximum power radiated by a dipole antenna	6	CO4	Understanding K2
OR				
4(a)	Derive the expression for the radiation resistance of short dipole antenna	6	CO4	Applying K3
(b)	Explain the working & radiation pattern of a isotropic antenna, dipole antenna & a point source antenna with a neat diagram	6	CO4	Understanding K2


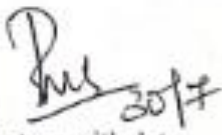
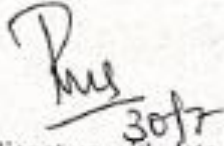

 Signature of course in-charge


 Signature of Module Coordinator


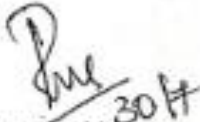
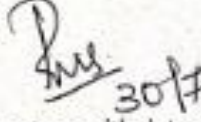

 Signature of HOD/ECE


 Selected

Sample Scrutiny Format for III CIE QP- Set-A:

 K S INSTITUTE OF TECHNOLOGY Bangalore – 560109 Department of Electronics and Communication Engineering	
<u>CIE Question paper Scrutiny format</u>	
Course Name	Microwave & Antennas
Course Code	18EC63
Course Incharge	Dr. P.N. Sudeha
Academic year	2020-21
Semester	6 th sem
CIE #	3 rd 3 rd Internals
Set	A <input checked="" type="checkbox"/> B <input type="checkbox"/>
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions framed are according to Blooms level?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Difficulty level	Very High <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low <input type="checkbox"/>
Final decision	Accepted without corrections <input checked="" type="checkbox"/> Accepted with minor corrections <input type="checkbox"/> Not accepted <input type="checkbox"/>
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Signature with date of CIE Question paper setter </div> <div style="text-align: center;">  Name and Signature with date of CIE Question paper Scrutiniser </div> </div>	

Sample Scrutiny Format for III CIE QP Set-B:

 K S INSTITUTE OF TECHNOLOGY Bangalore – 560109 Department of Electronics and Communication Engineering	
<u>CIE Question paper Scrutiny format</u>	
Course Name	Microwave & Antennas
Course Code	18EC63
Course Incharge	Dr. P.N. Sudha
Academic year	2020-21
Semester	6 th Sem
CIE #	3 rd Internal
Set	A <input type="checkbox"/> B <input checked="" type="checkbox"/>
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions framed are according to Blooms level?	Yes <input type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes <input type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Difficulty level	Very High <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low <input type="checkbox"/>
Final decision	Accepted without corrections <input checked="" type="checkbox"/> Accepted with minor corrections <input type="checkbox"/> Not accepted <input type="checkbox"/>
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Signature with date of CIE Question paper setter </div> <div style="text-align: center;">  Name and Signature with date of CIE Question paper Scrutiniser </div> </div>	

Sample Circular for CIE QP Submission (Offline Internals):**K.S INSTITUTE OF TECHNOLOGY, BANGALORE**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG

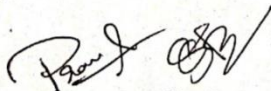
Date: 29.08.2019

C I R C U L A R

All the faculty members of the department are requested to submit **First Internal Assessment** Question Papers, scheme of evaluation along with the signature of HOD and the same must be submitted to test co-ordinators Mr.Praveen / Mr. Christo Jain on or before **4.9.2019** for **1st 3rd & 5th** semesters & for **7th semester** on or before **18.9.2019** . Question papers must be set as per the format sent through the mail dated **29 .08.2019**.

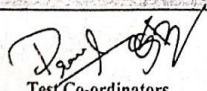
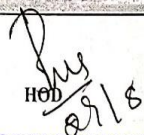
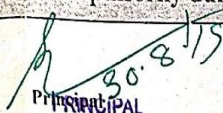
Note: **Faculty members are requested**

- 1. Attendance must be updated in Master Register taking into consideration till 9.9.2019.**
- 2. Assignment Marks must be updated in the Master Register on or before 9.9.2019.**
3. Please mention **SET A/ SET B** in the top left corner of the Question Papers.
4. Internals will start at 9.30am morning session & 2.00pm afternoon session. Faculties are requested to collect question papers 10 minutes before the start of the session.
5. Faculties are instructed not to allow students after 9.35am morning session & 2.05pm afternoon session.
6. Not to allow the students to leave the room until an hour has elapsed.
7. Not to use Mobile Phones and carry Study materials during Invigilation.
8. Question paper for **Parallel Scheme** students with required no. of copies Xerox has to be taken and handover to the test coordinator.


Test Co-ordinators


HOD
29/8/19
HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
K.S. Institute of Technology
Bengaluru - 560 109

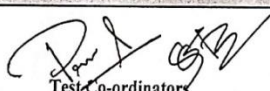
Sample CIE Time Table IIIrd & Vth Sem(Offline Internals):

K.S. INSTITUTE OF TECHNOLOGY, BANGALORE DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING FIRST INTERNAL ASSESSMENT 2019-2020						
TIME TABLE						Date 29/08/2019
Date	Time	I Sem	III Sem	V Sem	V Sem 2015 SCHEME	V Sem 2010 SCHEME
11/9/2019 Wednesday	9:30 am to 11:00 am	Calculus and Linear Algebra 18MAT11	Mathematics 18MAT31	Management and Entrepreneurship Development 17ES51	Management and Entrepreneurship Development 15ES51	Management and Entrepreneurship 10AL51
	2:00 pm to 3:30 pm	Engineering Chemistry 18CHE12	Network Theory 18EC32	Digital Signal Processing 17EC52	Digital Signal Processing 15EC52	Digital Signal Processing 10EC52
12/9/2019 Thursday	9:30 am to 11:00 am	C programming for Problem Solving 18CPS13	Electronic Devices 18EC33	Verilog HDL 17EC53	Verilog HDL 15EC53	Analog Communication 10EC53
	2:00 pm to 3:30 pm	Basic Electronics 18ELN14	Digital System Design 18EC34	Information Theory & Coding 17EC54	Information Theory & Coding 15EC54	Information Theory & Coding 10EC55
13/9/2019 Friday	9:30 am to 11:00 am	Technical English-I 18EGH18	Computer Organization & Architecture 18EC35	Operating System (Professional Elective-1) 17EC553	Operating System (Professional Elective-1) 15EC553	Microwaves and Radar 10EC54
	2:00 pm to 3:30 pm	Elements of Mechanical Engineering 18ME15	Power Electronics & Instrumentation 18EC36	Object Oriented Programming Using C++ (Open Elective-1) 17EC562 8051 Microcontroller (Open Elective-1) 17EC563	Object Oriented Programming Using C++ (Open Elective-1) 15EC562 8051 Microcontroller (Open Elective-1) 15EC563	Fundamentals of CMOS VLSI 10EC56
14/9/2019 Saturday	8:30 am to 9:30 am		Vyavaharika Kannada 18KVK39/49 / Aadalitha Kannada 18KAK39/49			
<p>Note : All the students are strictly informed to wear lab uniforms and college ID cards compulsorily during the test.</p>						
 Test Co-ordinators		 HO erls HEAD OF THE DEPARTMENT Dept. of Electronics & Communication Engg K.S. Institute of Technology		 PRINCIPAL K.S. INSTITUTE OF TECHNOLOGY BENGALURU - 560 109		

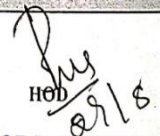
Sample CIE Time Table VIIth Sem(Offline Internals):

K.S. INSTITUTE OF TECHNOLOGY, BANGALORE DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING FIRST INTERNAL ASSESSMENT 2019-2020		
TIME TABLE		Date 29/08/2019
Date	Time	VII Sem
23/9/2019 Monday	9:30 am to 11:00 am	Microwave and Antennas 15EC71
	2:00 pm to 3:30 pm	Digital Image Processing 15EC72
24/9/2019 Tuesday	9:30 am to 11:00 am	Power Electronics 15EC73 Digital Sysytem Design Using Verilog 15EC663 (6th sem Subejct)
	2:00 pm to 3:30 pm	Cryptography 15EC744 (Professional Elective-3)
25/9/2019 Wednesday	9:30 am to 11:00 am	Satellite Communication 15EC755 (Professional Elective-4)
	2:00 pm to 3:30 pm	REGULAR CLASSES / LABS

Note : All the students are strictly informed to wear lab uniforms and college ID cards compulsorily during the test.




Test Co-ordinators



HOD
30/8/19

HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Enge
K.S. Institute of Technology
Bengaluru - 560 109




Principal
30.8.19


PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 580 109

Sample CIE Invigilation Duty Chart(Offline Internals):

K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG
I, III, V, VII SEMESTER INVIGILATION CHART - I INTERNAL TEST (ODD 2019)


DATE	TIMINGS	203	204	205	206	207	208
11/9/2019 WEDNESDAY	9:30 AM TO 11:00 AM	SKGR	SST	BRS	KRS	VD	SRK
	2:00 PM TO 3:30 PM	VD	SKGR	BS	SRK	SSB	KRS
12/9/2019 THURSDAY	9:30 AM TO 11:00 AM	AR	VB	VS	BA	NPR	RNK
	2:00 PM TO 3:30 PM	VB	NPR	BA	VS	RNK	AR
13/9/2019 FRIDAY	9:30 AM TO 11:00 AM	PP	SS	MKM	PS	SKS	JSB
	2:00 PM TO 3:30 PM	SS	PP	PS	MKM	JSB	SKS

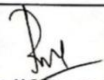

 Test Co-ordinators


 HEAD OF THE DEPARTMENT
 Dept. of Electronics & Communication Engg
 K.S. Institute of Technology
 Bengaluru - 560 109

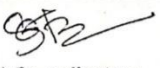
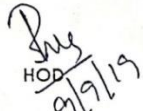
Sample CIE Squad Duty Chart(Offline Internals):

K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109							
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG							
I, III, V, VII SEMESTER SQUAD DUTY - I INTERNAL TEST (ODD 2019)							
DATE	TIMINGS	203	204	205	206	207	208
11/9/2019 WEDNESDAY	9:30 AM TO 11:00 AM	SHV,ARBP			PP,PS		
	2:00 PM TO 3:30 PM	MKM,SHV			BA,SS		
12/9/2019 THURSDAY	9:30 AM TO 11:00 AM	SKS,JBSK			SKGR,BRS		
	2:00 PM TO 3:30 PM	BS,SS			MKM,PS		
13/9/2019 FRIDAY	9:30 AM TO 11:00 AM	VB,BA			SV,RNK		
	2:00 PM TO 3:30 PM	ARBP,VB			SST,VD		



 Test Co-ordinators


 HEAD OF THE DEPARTMENT
 Dept. of Electronics & Communication Engg
 K.S. Institute of Technology
 Bengaluru - 560 109

Sample CIE Invigilation Chart for Supporting Staff(Offline Internals):

K.S.INSTITUTE OF TECHNOLOGY, BANGALORE - 109 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG I, III, V, VII SEMESTER INVIGILATION CHART FOR SUPPORTING STAFF - I INTERNAL TEST (ODD 2019)							
DATE	TIMINGS	203	204	205	206	207	208
11/9/2019 WEDNESDAY	9:30 AM TO 11:00 AM	SHANTHA <i>c.sly</i>			ESHWARI <i>B</i>		
	2:00 PM TO 3:30 PM	USHA <i>J.G</i>			KUMAR <i>K.S</i>		
12/9/2019 THURSDAY	9:30 AM TO 11:00 AM	ESHWARI <i>B</i>			USHA <i>J.G</i>		
	2:00 PM TO 3:30 PM	KUMAR <i>K.S</i>			SHANTHA <i>c.sly</i>		
13/9/2019 FRIDAY	9:30 AM TO 11:00 AM	KUMAR <i>K.S</i>			ESHWARI <i>B</i>		
	2:00 PM TO 3:30 PM	USHA <i>J.G</i>			SHANTHA <i>c.sly</i>		
 Test Co-ordinators		 HOD 9/9/19					

Sample III CIE QP Set-A (Selected-Offline Internals):




K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
III SESSIONAL TEST QUESTION PAPER 2019 - 20 ODD SEMESTER

SET - A


Degree : B.E Branch : ECE Course Title : Microwave and Antennas Duration : 90 Minutes	USN <table border="1" style="display: inline-table; border-collapse: collapse; width: 100px; height: 15px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> Semester : VII Course Code : 15EC71 Date : 21/11/19 Max Marks : 30										

Note: Answer ONE full question from each part.


Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	Deduct Friss Formula for transmission problem.	5	CO4	Evaluate K5
(b)	The effective apertures of transmitting and receiving antennas in a communication system are $8\lambda^2$ and $12\lambda^2$ respectively. With a separation of 1.5km between them. The EM wave travelling with frequency of 6 MHz and the total input power is 25KW. Determine the power received by the receiving antenna.	5	CO4	Evaluate K5
(c)	Define i) Directivity ii) Gain iii) Beam Area iv) Beam efficiency v) Effective aperture	5	CO4	Evaluate K5
OR				
2(a)	Explain power theorem and its application to an isotropic source.	5	CO4	Evaluate K5
(b)	Deduct the expression for strength E_ϕ and H_θ in case of small loop.	5	CO4	Evaluate K5
(c)	The diameter of a circular loop antenna is 0.04. Estimate the turns of antenna will give a Radiation resistance of 36Ω .	5	CO4	Evaluate K5
PART-B				
3(a)	Prove that the radiation resistance of a linear antenna with sinusoidal current distribution is equal to 73Ω .	5	CO4	Evaluate K5
(b)	Prove that the radiation resistance of small loop is $31171 \left(\frac{A}{\lambda^2}\right)^2$.	5	CO5	Evaluate K5
(c)	Explain horn antenna with a neat diagram.	5	CO5	Evaluate K5
OR				
4(a)	A 16-turn helical beam antenna has a circumference of λ and turn spacing of $\lambda/4$. Determine i) HPBW ii) axial ratio iii) directivity.	5	CO4	Evaluate K5
(b)	Explain yagi-uda antenna structure with a neat diagram.	5	CO5	Evaluate K5
(c)	Explain the operation of log-periodic antenna.	5	CO5	Evaluate K5




Signature of course in charge



Signature of HOD



Signature of Module Coordinator



Signature of Principal

Sample III CIE QP Set-B (Selected):

K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
III SESSIONAL TEST QUESTION PAPER 2019 - 20 ODD SEMESTER

SET - B

Degree : B.E
Branch : ECE
Course Title : Microwave and Antennas
Duration : 90 Minutes

USN

Semester : VII
Course Code : 15EC71
Date : 21/11/19
Max Marks : 30

Note: Answer ONE full question from each part.

Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	Explain power theorem and its application to an isotropic source.	5	CO4	Evaluate K5
(b)	The effective apertures of transmitting and receiving antennas in a communication system are $8\lambda^2$ and $12\lambda^2$ respectively. With a separation of 1.5km between them. The EM wave travelling with frequency of 6 MHz and the total input power is 25KW. Determine the power received by the receiving antenna.	5	CO4	Evaluate K5
(c)	Define i) Directivity ii) Gain iii) Beam Area iv) Beam efficiency v) Effective aperture	5	CO4	Evaluate K5
OR				
2(a)	Deduct Friss Formula for transmission problem.	5	CO4	Evaluate K5
(b)	Deduct the expression for strength $E\phi$ and $H\phi$ in case of small loop.	5	CO4	Evaluate K5
(c)	The diameter of a circular loop antenna is 0.04. Estimate the turns of antenna will give a Radiation resistance of 36Ω .	5	CO4	Evaluate K5
PART-B				
3(a)	A 16-turn helical beam antenna has a circumference of λ and turn spacing of $\lambda/4$. Determine i) HPBW ii) axial ratio iii) directivity	5	CO4	Evaluate K5
(b)	Prove that the radiation resistance of small loop is $31171 \left(\frac{A}{\lambda^2}\right)^2$.	5	CO5	Evaluate K5
(c)	Explain horn antenna with a neat diagram.	5	CO5	Evaluate K5
OR				
4(a)	Prove that the radiation resistance of a linear antenna with sinusoidal current distribution is equal to 73Ω .	5	CO4	Evaluate K5
(b)	Explain yagi-uda antenna structure with a neat diagram.	5	CO5	Evaluate K5
(c)	Explain the operation of log-periodic antenna.	5	CO5	Evaluate K5


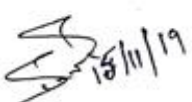
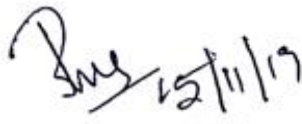
Signature of course in charge

Signature of HOD


Signature of Module Coordinator

Signature of Principal

Sample Scrutiny Format for III CIE QP:

 K S INSTITUTE OF TECHNOLOGY Bangalore – 560109 Department of Electronics and Communication Engineering	
<u>CIE Question paper Scrutiny format</u>	
Course Name	Microwaves and Antennae
Course Code	15EC71
Course Incharge	Dr. B. Surekha
Academic year	2019-20
Semester	7 th
CIE #	3
Set	A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/>
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions framed are according to Blooms level?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Difficulty level	Very High <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low <input type="checkbox"/>
Final decision	Accepted without corrections <input checked="" type="checkbox"/> Accepted with minor corrections <input type="checkbox"/> Not accepted <input type="checkbox"/>
 Signature with date of CIE Question paper setter	 Name and Signature with date of CIE Question paper Scrutiniser

Sample II CIE QP Set-B (Selected):



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
II SESSIONAL TEST QUESTION PAPER 2019 - 20 ODD SEMESTER

SET - B

Degree : B.E
 Branch : ECE
 Course Title : Microwave and Antennas
 Duration : 90 Minutes


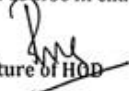
USN



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 Semester : VII
 Course Code : 15EC71
 Date : 21/10/19
 Max Marks : 30


Note: Answer ONE full question from each part.

Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	Analyze with the aid of diagram, E-plane and its S-Matrix	5	CO2	K4
(b)	Analyze with the aid of diagram, H-plane and its S-Matrix	5	CO2	K4
(c)	In an H-plane T- junction, examine the power delivered to the loads 40 ohms and 60 ohms connected to arms 1 and 2 when 10mW power is delivered to matched port 3. Assume characteristic impedance of line = 50 Ohm.	5	CO2	K4
OR				
2(a)	Examine the features and functions of magic tee. Simplify its s-matrix.	5	CO2	K4
(b)	Inspect that impedance and admittance matrices are symmetrical for a reciprocal junction.	5	CO2	K4
(c)	List and explain the properties of S-parameters	5	CO2	K4
PART-B				
3(a)	Two-transmission lines of characteristic impedance Z_1 and Z_2 are joined at plane PP'. Model S-parameters in terms of impedance when each line is matched terminated.	5	CO1	K3
(b)	Compare six types of co- axial connectors with their frequency ranges.	5	CO2	K4
(c)	Examine the working of precision type phase shifter with the help of neat diagrams.	5	CO3	K5
OR				
4(a)	A 20mW signal is fed into one of the collinear port 1 of a lossless H-plane T junction. Determine the power delivered through each port when other ports are terminated in Matched load	5	CO1	K3
(b)	Distinguish the following losses in microwave circuits/devices in terms of S-parameters: i) Insertion loss ii) Transmission loss iii) Reflection loss iv) Return loss.	5	CO2	K4
(c)	Evaluate the working of precision type variable attenuator with the help of neat diagrams.	5	CO3	K5


 Signature of course in charge

 Signature of HOD


 Signature of Module Coordinator

 Signature of Principal

Sample II CIE QP Set-A(Unselected-Offline Internals):





K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
II SESSIONAL TEST QUESTION PAPER 2019 - 20 ODD SEMESTER



SET - A

<p>Degree : B.E Branch : ECE Course Title : Microwave and Antennas Duration : 90 Minutes</p>	<table border="1" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 10%;">USN</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> </table> <p>Semester : VII Course Code : 15EC71 Date : 21/10/19 Max Marks : 30</p>	USN									
USN											



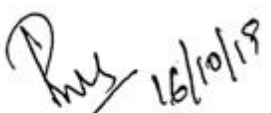
Note: Answer ONE full question from each part.

Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	List and explain the properties of S-parameters	5	CO2	K4
(b)	Examine the working of precision type variable attenuator with the help of neat diagrams.	5	CO2	K4
(c)	In an H-plane T- junction, examine the power delivered to the loads 40 ohms and 60 ohms connected to arms 1 and 2 when 10mW power is delivered to matched port 3. Assume characteristic impedance of line = 50 Ohm.	5	CO2	K4
OR				
2(a)	Analyze with the aid of diagram, E-plane and its S-Matrix	5	CO2	K4
(b)	Analyze with the aid of diagram, H-plane and its S-Matrix	5	CO2	K4
(c)	Examine the features and functions of magic tee. Simplify its s-matrix.	5	CO2	K4
PART-B				
3(a)	Two-transmission lines of characteristic impedance Z_1 and Z_2 are joined at plane PP'. Model S-parameters in terms of impedance when each line is matched terminated.	5	CO1	K3
(b)	Inspect that impedance and admittance matrices are symmetrical for a reciprocal junction.	5	CO2	K4
(c)	Compare six types of co- axial connectors with their frequency ranges.	5	CO3	K5
OR				
4(a)	A 20mW signal is fed into one of the collinear port 1 of a lossless H-plane T junction. Determine the power delivered through each port when other ports are terminated in Matched load	5	CO1	K3
(b)	Distinguish the following losses in microwave circuits/devices in terms of S-parameters: i) Insertion loss ii) Transmission loss iii) Reflection loss iv) Return loss.	5	CO2	K4
(c)	Evaluate the working of precision type phase shifter with the help of neat diagrams.	5	CO3	K5



 Signature of Course in charge

 Signature of HOD


 Signature of Module Coordinator

 Signature of Principal

Sample Scrutiny Format for II CIE QP:

 K S INSTITUTE OF TECHNOLOGY Bangalore – 560109 Department of Electronics and Communication Engineering	
CIE Question paper Scrutiny format	
Course Name	Microwaves and Antennas
Course Code	ISEC71
Course Incharge	Dr. B. Surekha
Academic year	2019-20
Semester	7 th
CIE #	2
Set	A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/>
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions framed are according to Blooms level?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> ; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Difficulty level	Very High <input type="checkbox"/> High <input type="checkbox"/> Moderate <input type="checkbox"/> Low <input type="checkbox"/>
Final decision	Accepted without corrections <input type="checkbox"/> Accepted with minor corrections <input checked="" type="checkbox"/> Not accepted <input type="checkbox"/>
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Signature with date of CIE Question paper setter </div> <div style="text-align: center;">  Name and Signature with date of CIE Question paper Scrutiniser </div> </div>	

Sample II CIE QP Set-B (Selected):



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
I SESSIONAL TEST QUESTION PAPER 2019 - 20 ODD SEMESTER

SET - B

Degree : B.E Branch : ECE Course Title : Microwave and Antennas Duration : 90 Minutes	USN <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center; width: 100px; height: 15px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> Semester : VII Course Code : 15EC71 Date : 20/9/19 Max Marks : 30										

Note: Answer ONE full question from each part.

Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	Apply smith chart to find the location and length of a single stub nearest to the load to produce an impedance match if a line of 400Ω is connected to a load of $200 + j300\Omega$ and is excited by a matched generator at 800MHz.	5	CO1	K3
(b)	Apply Smith chart to determine the VSWR, first V_{max} , first V_{min} from the load, given the normalized load impedance $Z_L=1+j1$ and operating wavelength $\lambda=5$ cms.	5	CO1	K3
(c)	Obtain: i) Reflection coefficient ii) Transmission coefficient, when a certain transmission line has a characteristic impedance of $75 + j0.01\Omega$ and is terminated with a load impedance of $70 + j50\Omega$.	5	CO1	K3
OR				
2(a)	Derive the transmission line equations by the method of distributed circuit theory.	5	CO1	K3
(b)	Obtain i) characteristic impedance ii) propagation constant for a transmission line having the parameters: $R=2 \Omega/m$, $G=0.5$ mmho /m, $f=1$ GHz, $L=8$ nH/m. $C=0.23$ pF/m.	5	CO1	K3
(c)	Apply Smith chart to determine the VSWR, reflection coefficient when the load impedance is $200-j150$, and characteristic impedance is 50Ω	5	CO1	K3
PART-B				
3(a)	Explain the construction and working of a microwave tube that can be used as a low power microwave oscillator	5	CO3	K5
(b)	Evaluate the mechanics of oscillation in Reflex Klystron with schematic. Describe different mode curves in the case of reflex klystron	5	CO3	K5
(c)	Estimate P_{RFmax} and corresponding repeller voltage for a beam current of 20mA, and when reflex klystron is to be operated at 10GHz with dc beam voltage 300V, repeller space 0.1 cm for $1\frac{3}{4}$ mode.	5	CO3	K5
OR				
4(a)	Interpret the high frequency limitations of conventional vacuum tube.	5	CO3	K5
(b)	Evaluate different types of losses in micro strip lines.	5	CO3	K5
(c)	A lossless parallel strip line has a conducting strip width of 'W', the substrate dielectric separating the two conducting strips has a relative dielectric constant t_{rd} of '6' and thickness 'd' of 4mm. Calculate: (i) The required width 'W' of the conducting strip in order to have a characteristic impedance of 50Ω . (ii)The strip line capacitance. (iii)The strip line inductance. (iv)The phase velocity of the wave.	5	CO3	K5

Signature of course in charge


Signature of HOD

Signature of Module Coordinator

Signature of Principal

20.9.15

Sample I CIE QP Set-A(Unselected-Offline Internals):



K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
I SESSIONAL TEST QUESTION PAPER 2019 - 20 ODD SEMESTER

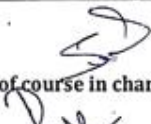
SET - A

<p>Degree : B.E Branch : ECE Course Title : Microwave and Antennas Duration : 90 Minutes</p>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td style="width: 10%;">USN</td> <td style="width: 5%;"> </td> <td style="width: 5%;"> </td> <td style="width: 5%;"> </td> <td style="width: 5%;"> </td> <td style="width: 5%;"> </td> <td style="width: 5%;"> </td> <td style="width: 5%;"> </td> <td style="width: 5%;"> </td> <td style="width: 5%;"> </td> </tr> </table> <p>Semester : VII Course Code : 15EC71 Date : 20/9/19 Max Marks : 30</p>	USN									
USN											


Note: Answer ONE full question from each part.

Q No.	Question	Marks	CO mapping	K-Level
PART-A				
1(a)	Derive the transmission line equations by the method of distributed circuit theory.	5	CO1	K3
(b)	Obtain i) characteristic impedance ii) propagation constant for a transmission line having the parameters, $R=2 \Omega/m$, $G=0.5 \text{ mmho /m}$, $f=1\text{GHz}$, $L=8\text{nH/m}$, $C=0.23\text{pF/m}$.	5	CO1	K3
(c)	Apply smith chart to find the location and length of a single stub nearest to the load to produce an impedance match when a line of 400Ω is connected to a load of $200 + j300\Omega$, which is excited by a matched generator at 800MHz .	5	CO1	K3
OR				
2(a)	Obtain: i) Reflection coefficient ii) Transmission coefficient, when a certain transmission line has a characteristic impedance of $75 + j0.01\Omega$ and is terminated in a load impedance of $70 + j50\Omega$.	5	CO1	K3
(b)	Apply Smith chart to determine the VSWR, first V_{max} , first V_{min} from the load, given the normalized load impedance $Z_L=1+j1$, operating wavelength $\lambda=5 \text{ cms}$.	5	CO1	K3
(c)	Apply Smith chart to determine the VSWR and Reflection coefficient when the load impedance is $200+j150$, and characteristic impedance is 50	5	CO1	K3
PART-B				
3(a)	Explain the construction and working of a microwave tube that can be used as a low power microwave oscillator	5	CO3	K5
(b)	Evaluate the mechanics of oscillation in Reflex Klystron with schematic. Describe the different mode curves in the case of reflex klystron .	5	CO3	K5
(c)	A Reflex Klystron is to be operated at 10GHz with dc beam voltage 300V , repeller space 0.1 cm for $1\frac{3}{4}$ mode. Estimate P_{RFmax} and corresponding repeller voltage for a beam current of 20mA .	5	CO3	K5
OR				
4(a)	Interpret the high frequency limitations of conventional vacuum tubes.	5	CO3	K5
(b)	Explain with neat diagram, the structure and field pattern of microstrip line and derive expression for characteristic impedance ' Z_0 '	5	CO3	K5
(c)	Interpret the structures and characteristic impedances of coplanar strip line and shielded strip lines	5	CO3	K5


Signature of course in charge




Signature of HOD




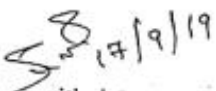
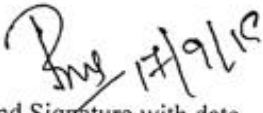
Signature of Module Coordinator



Signature of Principal



Sample Scrutiny Format for I CIE QP:


 K S INSTITUTE OF TECHNOLOGY Bangalore – 560109 Department of Electronics and Communication Engineering	
<u>CIE Question paper Scrutiny format</u>	
Course Name	Microwaves and Antennas
Course Code	1SECT1
Course Incharge	Dr. B. Surekha
Academic year	2019-20
Semester	7 th
CIE #	1
Set	A <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/>
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions framed are according to Blooms level?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ; If No, Suggestions:
Difficulty level	Very High <input type="checkbox"/> High <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Low <input type="checkbox"/>
Final decision	Accepted without corrections <input checked="" type="checkbox"/> Accepted with minor corrections <input type="checkbox"/> Not accepted <input type="checkbox"/>
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  Signature with date of CIE Question paper setter </div> <div style="text-align: center;">  Name and Signature with date of CIE Question paper Scrutiniser </div> </div>	

B. Evaluation of test blue books:


The blue books are evaluated and marks are entered in the register kept in the HOD’s Chamber within a week from the date of completion of the CIE. The staff members immediately enter these marks in the online portal so that academic progress is communicated to the ward’s parents from time to time and same is used for attainment calculations.

Sample Evaluated Bluebook:

2



Kammavari Sangham (R)-1952
K.S.GROUP OF INSTITUTIONS
K.S. INSTITUTE OF TECHNOLOGY
 (Approved by AICTE & Affiliated to VTU)
 KANAKAPURA ROAD, BANGALORE - 560100



BLUE BOOK

Name of the student A.N. BHOMIKA CHAUDARY

Class / Sem : III / A Branch : ECE

USN :


1	K	S	I	8	E	C	O	O	I
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SUBJECT : DSD Subject Code : 18EC34

MAXIMUM MARKS

Test	I	II	III	Average Marks Obtained
Date	12/9/19	22/10/19	22/11/19	Test
Marks Obtained	25	30	29	28
Signature of the Student	Bhoomika	Bhoomika	Bhoomika	Assignment
Initials of Faculty	VB	VB	VB	Total
				38

NAME OF FACULTY : VEDA-B

SIGNATURE OF FACULTY : 

SIGNATURE OF H.O.D. : 

K.S. INSTITUTE OF TECHNOLOGY

First Internal Test

Q.No	Marks	CO	Q.No	Marks	CO	CO	Total
1(a)			3(a)	5	1	1	15
1(b)			3(b)	5	1		
1(c)			3(c)	5	2	2	10
OR		OR					
2(a)	5	1	4(a)			Grand Total	25
2(b)			4(b)				
2(c)	5	2	4(c)				

Second Internal Test

Q.No	Marks	CO	Q.No	Marks	CO	CO	Total
1(a)	5	2	3(a)			2	5
1(b)	5	3	3(b)				
1(c)	5	3	3(c)			3	20
OR		OR					
2(a)			4(a)	5	3	5	5
2(b)			4(b)	5	3		
2(c)			4(c)	5	5		

Third Internal Test

Q.No	Marks	CO	Q.No	Marks	CO	CO	Total
1(a)	5	3	3(a)		4	3	5
1(b)	4	4	3(b)		4		
1(c)	5	5	3(c)		5	4	9
OR		OR					
2(a)			4(a)	5	4	5	15
2(b)			4(b)	5	5		
2(c)			4(c)	5	5		

Signature of the Faculty



C. Quality of assignments and relevance to COs:

All faculties are required to cover all the CO's during the course of the semester. In addition to this to promote self-learning and to gain thorough knowledge in the subject assignments/quiz/Surprise tests are given so that the learning levels of students can be evaluated. The assignments/quiz/surprise tests are subsequently evaluated and are considered not only for internal marks but also for attainment purposes.

Sample Assignment QP:

KSIT Bangalore		DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING		
ASSIGNMENT QUESTIONS				
Academic Year	2018-2019			
Batch	2018-2022			
Year/Semester/section	2 nd /III rd /A			
Subject Code-Title	Power Electronics & Instrumentation (18EC36)			
Name of the Instructor	Pooja S	Dept	ECE	

Assignment No: 1		Total marks:10		
Date of Issue:		Date of Submission:		
Sl.No	Assignment Questions	K Level	CO	Marks
1.	Explain the characteristics of SCR by clearly indicating different states in the characteristic curve. Also Explain different modes of operation	Understanding(k2)	1	1
2.	Identify the operation of a R firing circuit with waveforms	Applying (k3)	1	1
3.	A SCR is connected in series with a 0.5H inductor and 20Ω resistance. A 100V DC voltage is applied to this circuit. If the latching current of the SCR is 4mA, find the minimum width of the gate trigger pulse required to properly turn-on the SCR.	Analysing (k4)	1	1
4.	Identify the working of class A commutation circuit with necessary waveforms.	Applying (k3)	1	1
5.	Identify the different states in the V-I characteristics of an UJT. Along with appropriate circuit and waveforms explain its basic operation.	Applying (k3)	2	1
6.	Identify the operation of single-phase half wave-controlled rectifier with the effect of Freewheeling Diode. Derive the expression for average output voltage.	Applying (k3)	2	1
7.	With necessary circuit and waveforms explain class B commutation circuit.	Applying (k3)	2	1
8.	With circuit diagram and waveforms explain the working of UJT triggering circuit.	Applying (k3)	2	1
9.	Identify the operation of single-phase half wave-controlled rectifier with Resistive load. Derive the expression for average output voltage.	Applying (k3)	2	1
10.	Identify the operation of single-phase half wave-controlled rectifier with RL load. Derive the expression for average output voltage.	Applying (k3)	2	1

 Signature of course in charge	 Signature of HOD ECE
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2.2.3. *Quality of student projects (25)*

Institute marks: 23

A. Identification of project and allocation methodology to faculty members

To encourage students to take up innovative project and to give solutions to the real societal problems the process of project planning starts right from sixth semester

- In the mid of sixth semester students are asked to form the batches as per their choice
- To ensure no repetition and to develop solution further for the previous projects list of previous year projects are displayed on the notice board
- Faculty will propose possible project titles in which research can be done to the students
- Students are advised to choose a project idea in consultation with the faculty and to carry out literature survey
- In seventh Semester students will be presenting their Project Ideas.
- In the presentation, the students will be intimated about the shortcomings or additional features to be added to their Project Ideas
- Based on the suggestion given in the presentation, the students will be re-presenting their ideas.
- Considering the current technology and societal needs, industry relevant projects will be selected.
- Based on the area of the project such as Embedded system, Image Processing, VLSI, Solar power etc., the faculty specialized will be allotted to guide the project
- The students will complete the Literature survey and submit the project synopsis to the Project Coordinator at the end of seventh semester
- In Eighth Semester the project progress made by the students are monitored by carrying out Project evaluation in three phases.

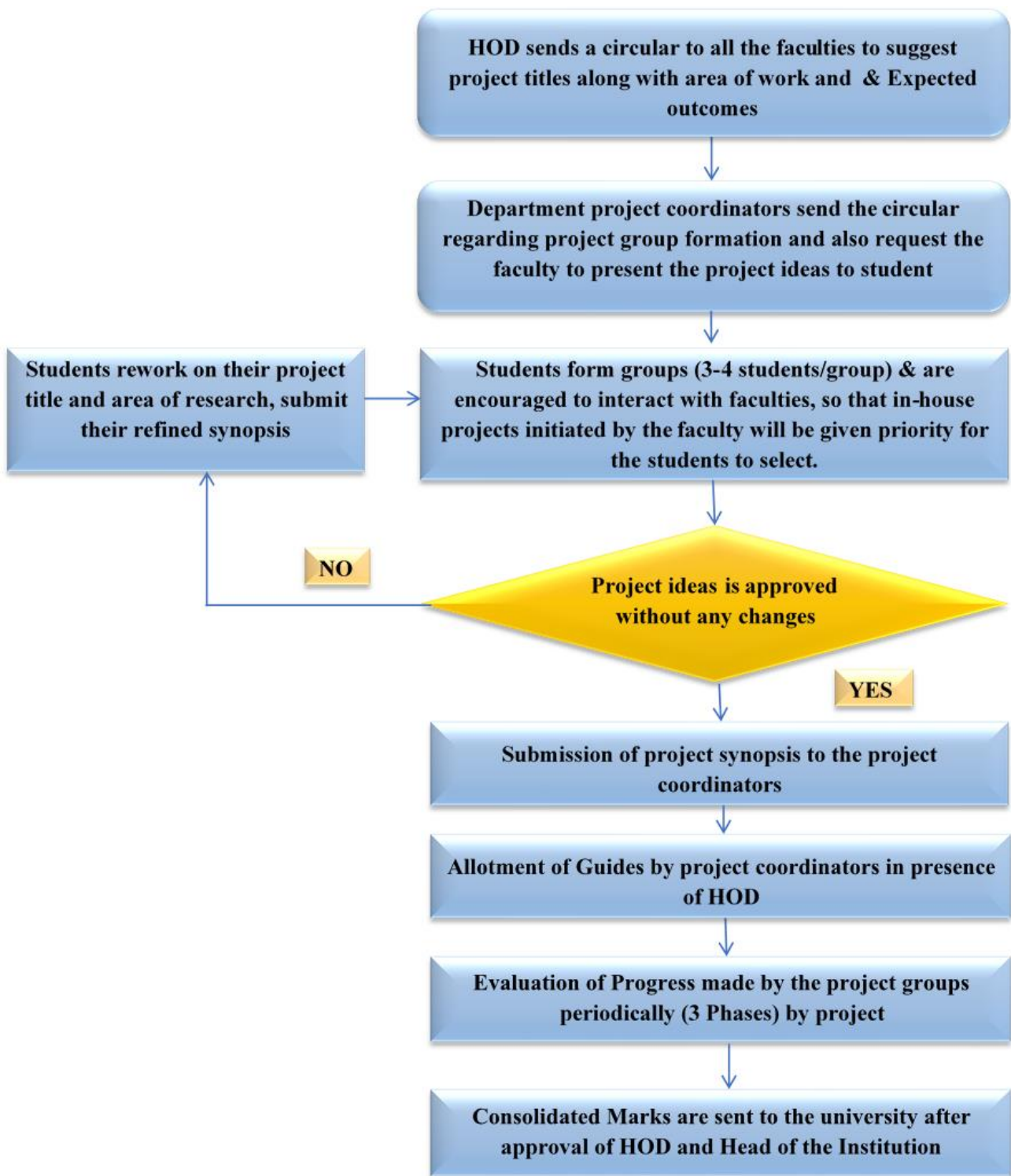


Figure2.2.3-1 Process for Project Allocation

B. Types and relevance of projects and their contribution towards attainment of POs and PSOs

CAY 2020-2021

Table 2.2.3-a Project Mapping:

Project Group No.	Team Members		Project Title	Institution/ Research Project Category	Research /Application Type	Execution of Project	Contributions applicable to the project						
	USN	Name					Innovation	Environment	Cost	Society	Safety	Ethics	PO/PSO Mapping
1	1KS17EC029	CHETHANA PRASAD.K	Morse code based Secured Authentication system through artificial intelligence	Institution	Application	Executed						Y	PO1,2,3,4,5,8,9,10,11,12,PSO1,PSO2
	1KS17EC035	DISHA.S											
	1KS17EC036	DIVYA.T.M											
2	1KS17EC079	RITU PATIL	PIRATE DETECTION system in theatres	Institution	Research	Executed	Y	Y	Y			PO1,2,3,4,5,6,9,10,11,12,PSO1,PSO2	
	1KS17EC104	VISHAL GOUTHAM.N											
3	1KS17EC059	NAGANTRAM	Real-time implementation of alcohol and drowsiness detection	Institution	Application	Executed				Y	Y	PO1,2,3,4,5,6,9,10,11,12,PSO1,PSO2	
	1KS17EC080	ROHINI.D											
	1KS17EC099	VAIBHAVI SREENIVASA											
	1KS17EC100	VAISHNAVI.K.KATTI											
4	1KS17EC0	ANAGHA.A.KASH	Smart heart	Institution	Application	Executed				Y	Y	Y	PO1,2,3,4,5,6,8,9,10,11

	08	YAP	health prediction system by ML and signal processing										,12,PSO1,P S02	
	1KS17EC012	ANUSHA. L												
	1KS17EC075	RACHAN A.S												
	1KS17EC085	SAHANA. V												
5	1KS17EC057	MOHAM MED SADATH	Photovoltaic dual purpose thermoelectric Refrigerator	Institution	Application	Executed	Y	Y	Y				PO1,2,3,4,5,6,9,10,11,12,PSO1,P S02	
	1KS17EC067	PAVAN PRASAD. R												
	1KS17EC074	R. YASHA S												
	1KS18EC406	MAHADEVA GR												
6	1KS16EC038	KSHITIZ GURUNG	Smart Two Wheeler	Institution	Application	Executed				Y	Y		PO1,2,3,4,5,6,9,10,11,12,PSO1,P S02	
	1KS17EC007	ANA EPSIBA. F												
	1KS16EC007	AMAN KUMAR SINGH												
	1KS16EC431	RAKESH . M D												
7	1KS16EC113	VINAYA K. Y. BAJ ANTRI	Body postural analysis & Correction	Institution	Application	Executed				Y	Y		PO1,2,3,4,5,6,9,10,11,12,PSO1,P S02	
	1KS17EC002	ABIJITH SUDHIR												
	1KS17EC005	AMOGH AVARSH A.N.D												
8	1KS17EC062	NAVIN KUMAR. H.G	Hybrid temp. sensing	Institution	Application	Executed	Y	Y	Y	Y			PO1,2,3,4,5,6,7,9,10,11,12,PSO1,P	

	1KS1 7EC0 63	NAVYA.S	and monitori ng system with built in sanitizer										S02
	1KS1 7EC0 71	PRATIM A.P.AGNI HOTRI											
	1KS1 7EC0 72	PRATIM A V KASHYA P											
9	1KS1 7EC0 84	SAHANA. M.K	Cloud based IOMT framewo rk for automate d health assessme nt and manage ment	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 95	SUSHMIT HA.B.L											
	1KS1 7EC1 03	VIDYA.V											
	1KS1 7EC1 05	YASHAS WINI.R											
10	1KS1 6EC0 01	A.YESW ANTH	Clock optimizat ion for high speed synchron ization circuits.	Institu tion	Applicati on	Execu ted	Y						PO1,2,3,4,5, 9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 77	RAJESH. C.S											
	1KS1 7EC0 86	SANDEE P KUMAR. M											
	1KS1 7EC0 97	SYED WAQAR KASHIF											
11	1KS1 7EC0 88	SHIVANI. K	Personali zed asthma manage ment by early predictio n	Institu tion	Applicati on	Execu ted			Y	Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 89	SHRAVY A.S.ACH ARYA											
	1KS1 7EC1 01	VAISHN AVI.S											
	1KS1 7EC1 02	VAISHN AVI SRIHARS HAN											
12	1KS1 7EC0 04	AKSHITH A.V.RAM ESH	Emergen cy ventilator	Institu tion	Applicati on	Execu ted			Y	Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0	AMULYA .S.IYENG											

	06	AR											
	1KS1 7EC0 15	APEKSH A RAVI KUMAR											
	1KS1 7EC0 47	LEKHA YADAV. B											
13	1KS1 7EC0 27	CHETHA N.G	Automati c gate control using number plate recogniti on	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 76	RAHUL.R .NADIG											
	1KS1 7EC0 93	SUPRIYA .V											
14	1KS1 7EC0 45	KRITHIK A.P	Automati c gate control using number plate recogniti on	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 50	M.SIRISH A											
	1KS1 7EC0 92	SRIVIDY A.V.R											
	1KS1 7EC0 96	SUSHMIT HA.K.N											
15	1KS1 7EC0 25	CHARAN SAL.Y	An ultraviole t sterilizati on robot for disinfecti on	Institu tion	Applicati on	Execu ted	Y			Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 6EC0 93	SOMASH EKAR S											
	1KS1 6EC0 68	PURUSH OTHAMA .V											
	1KS1 6EC0 86	SHIVDAT T.B											
16	1KS1 7EC0 10	ANOOP DEEKSHI TH.R	Develop ment of haptic prostheti c hand for	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 30	DARSHA N.T.G											

	1KS1 7EC0 39	GOWTH AM.B	disabled										
	1KS1 7EC0 42	JEEVAN. R.S											
17	1KS1 7EC0 20	BHAVAN A.B.S	Real time monitori ng of bridge using wireless technolo gy	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 28	CHETHA NA.K.S											
	1KS1 7EC0 53	MAMAT HA.K.S											
18	1KS1 7EC0 33	DHAKSH ITH.N.K	Detectio n of diabetic retinopat hy using artificial Intelligen ce	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 46	LAKSHA N.N.S											
	1KS1 7EC0 54	MANOJ.E											
	1KS1 7EC0 55	MANOJ KUMAR. R											
19	1KS1 7EC0 13	ANUSHR EE.M	Smart Syringe pump for telemedi cine and healthcar e	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 16	ARPITHA											
	1KS1 7EC0 43	K.SHREY A											
	1KS1 7EC0 66	PALLAVI .S											
20	1KS1 7EC0 18	AYESHA ROSHEE N	Impleme ntation of Quine Mc- Cluskey techniqu e using	Institu tion	Applicati on	Execu ted			Y				PO1,2,3,4,5, 9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 23	BINDU.J											
	1KS1	CHAITH											

	7EC0 24	RA.V.M	FPGA										
21	1KS1 7EC0 58	MONISH A.A	Smart manhole toxic gas identifica tion and alerting system	Institu tion	Applicati on	Execu ted	Y	Y	Y			PO1,2,3,4,5, 6,7,9,10,11 ,12,PSO1,P S02	
	1KS1 7EC0 68	PENUJUR I NAGA SAI SNEHITH A											
	1KS1 7EC0 78	RAMYA. R											
22	1KS1 7EC0 73	PRUTHVI RAJ.N	Area- Delay- Power efficient Carry Select Adder	Institu tion	Applicati on	Execu ted	Y					PO1,2,3,4,5, 9,10,11 ,12,PSO1,P S02	
	1KS1 7EC0 82	RUTHVI K RAVISH											
	1KS1 7EC0 90	SHREYA S.H.R											
	1KS1 7EC0 94	SURYA.N											
23	1KS1 7EC0 11	ANUPAM .M.L	Home automati on using Smart Mirror	Institu tion	Applicati on	Execu ted	Y		Y			PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02	
	1KS1 7EC0 26	CHETHA N.D.R											
	1KS1 7EC0 38	GOPINAT H.H.C											
	1KS1 7EC0 52	MAHADE VA.G											
24	1KS1 7EC0 09	ANITHA .R	Brain actuati on applicati on for paralyze d people	Institu tion	Applicati on	Execu ted	Y		Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02	
	1KS1 7EC0 21	BHAVAN A.J											
	1KS1 7EC0	G.S.SUR ABHI											

	40												
	1KS1 7EC0 51	MADHU. S											
25	1KS1 6EC0 33	K.UNNIM AYA	Automati c Movable smart road divider using IOT	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 69,10,11 ,12,PSO1,P S02
	1KS1 7EC4 03	BHAVAN A G											
	1KS1 4EC1 01	SOWJAN YA K N											
	1KS1 6EC0 30	NIKHIL JAMADA GNI H M											
26	1KS1 7EC0 19	B.D.SHR EENIDHI	Solar Based smart grass cutter	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 48	M.R.SRIN IVAS											
	1KS1 7EC0 49	RANJITH. M											
	1KS1 7EC0 03	AKKSHA Y.U.L											
27	1KS1 6EC0 69	SHARAT H KUMAR R	IOT based smart class room	Institu tion	Applicati on	Execu ted			Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02	
	1KS1 7EC4 14	YATHISH S DHANAN JAYA											
	1KS1 6EC0 75	RENUKA PRASAD M R											
	1KS1 4EC1 05	SUBRAM ANI G M											
28	1KS1 7EC0 87	SHAMAN TH RAJ.D.N	IOT based Plant disease detection	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 68,9,10,11 ,12,PSO1,P S02
	1KS1 8EC4 03	HARSHIT HA B											
	1KS1 8EC4 08	VANITH A C											

	1KS1 7EC4 05	CHANDU P J											
29	1KS1 7EC0 56	MOHAM MAD FAIZAL	Recognit ion of stress	Institu tion	Applicati on	Execu ted				Y		Y	PO1,2,3,4,5, 6,8,9,10,11 ,12,PSO1,P S02
	1KS1 7EC0 64	NIKHIL.V											
	1KS1 7EC0 65	NIKHIL.V											
	1KS1 7EC0 69	PRAJWA L.C											
30	1KS1 7EC0 60	NAGELI JAYASAI NAIDU	Detectio n of kerotoco nous using Image processin g and ML	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 69,10,11 ,12,PSO1,P S02
	1KS1 7EC0 61	NAVEEN KUMAR BURUGU PALLY											
	1KS1 7EC0 70	PRAJWA L SIMHA.S											
	1KS1 7EC0 98	TEJAS.K											
31	1KS1 7EC0 14	ANUSHR I.V.K	Wireless underwat er communi cation	Institu tion	Applicati on	Execu ted			Y <input type="checkbox"/>	Y	Y		PO1,2,3,4,5, 69,10,11 ,12,PSO1,P S02
	1KS1 7EC0 22	BHOOMI KA.P.K											
	1KS1 7EC0 41	H.G.SRIN IDHI											
	1KS1 7EC0 01	ABHISHE K.K.V											
32	1KS1 7EC0 17	ASIYA FATHIM A.N	Water Metering System	Institu tion	Applicati on	Execu ted				Y	Y		PO1,2,3,4,5, 6,9,10,11 ,12,PSO1,P S02
	1KS 17E C032	DEVIYA NI.G											
	1KS1 7EC0 44	KAMNO OR SUSHMA											

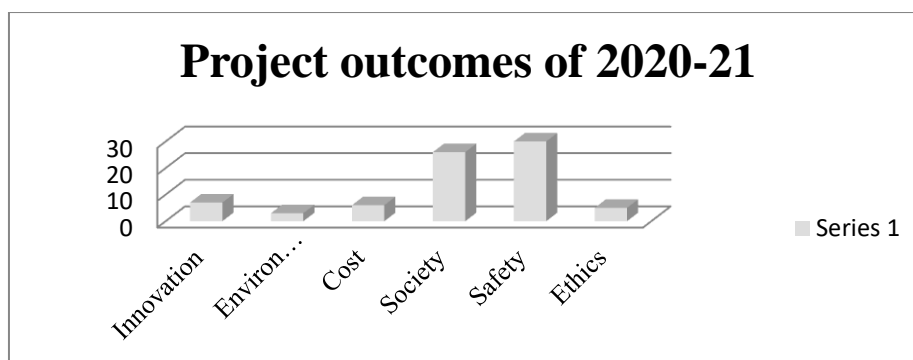


Table 2.2.3-b Project contribution towards the attainment of CO-PO Coverage for the academic year 2020-21:

Group No	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PS0 1	PS0 2
1	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
31	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y

32	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
CO-PO Mapped	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

CAYM1: 2019-20

Serial Number	Team Members		Project Title	Institution/Research Project Category	Research/Application Type	Execution of Project	Contributions applicable to the project						
	USN	Name					Innovation	Environment	Cost	Society	Safety	Ethics	PO/PSO Mapping
1	1KS16 EC022	DEEMA NTH.K.P	Density based traffic signal systems	Institution	Application oriented	Executed			Y	Y	Y		PO1,2,3,4 ,5,6, ,9,10,11,12 PS01, PS02
	1KS16 EC016	BHARA TH.R											
	1KS16 EC051	MOHAMMED WALEED											
2	1YD1 6EC014	SONIA STANLEY LOUIS	Citrus quality Detector using Roseberry PI	Institution	Application oriented	Executed				Y		Y	PO1,2,3,4 ,5,6, ,8,9,10,11, ,12 PS01, PS02
	1YD1 6EC008	MEGHANA S											
	1YD1 6EC005	HEMALATHA D S											
	1YD1 6EC012	SARASWATHI J S											
3	1KS16 EC115	VISMITHA SONNA SATHY ANARA YANA	Automatic segregation of waste using Robotic arm	Institution	Application oriented	Executed		Y	Y	Y			PO1,2,3,4 ,5,6,7, ,9,10,11,12 PS01, PS02
	1KS16 EC017	BHOOMIKA.P.M											
	1KS16 EC099	SUMA.B .S											
	1KS16 EC094	SONIKA.V											

4	1KS16 EC056	NAVEE N	Smart mopping Robot	Insti- tution	Applic- ation orient- ed	Exec- uted			Y	Y	Y	PO1,2,3,4 ,5,6, 8,9,10,11, 12 PS01, PS02
	1KS16 EC430	RAKESH K.M.										
	1KS17 EC407	HARSH A C M										
	1KS16 EC006	AKASH MAHAN TESH HOSAM ANI										
5	1KS16 EC003	ABHISH EK.A.NA NDYAL	Unmanne- d underwat- er vehicle for monitorin- g aquatic eco system	Insti- tution	Resear- ch orient- ed	Exec- uted	Y		Y	Y	Y	PO1,2,3,4 ,5,,7,8,9, 10,11,12 PS01, PS02
	1KS16 EC004	ADITHY A.D.M										
	1KS16 EC035	KARTHI K.K										
	1KS16 EC047	MANIK ANTAN. G										
6	1KS16 EC065	PRAVEE N TULASI DAS NAIK	Miniature d water purifier	Insti- tution	Applic- ation orient- ed	Exec- uted	Y		Y	Y		PO1,2,3,4 ,5,7,9,10, 11,12 PS01, PS02
	1KS16 EC106	VASUD EVA UPADH YA.K.S										
	1KS16 EC111	VIGNES HKUMA R.V										
	1KS16 EC103	TEJAS.P										
7	1KS16 EC097	SUHAS. K	USB Slingshot using ARM Cortex Mo	Insti- tution	Applic- ation orient- ed	Exec- uted	Y		Y	Y		PO1,2,3,4 ,5, 9,10,11,1 2 PS01, PS02
	1KS16 EC081	SAI TARUN TADIPA RTI										
	1KS16 EC112	VINAY. N										
8	1KS16 EC090	SHRINI DHI.N.S	GYRO Assisted multi terrain	Insti- tution	Applic- ation orient- ed	Exec- uted	Y		Y	Y		PO1,2,3,4 ,5,6,9,10, 11,12 PS01,
	1KS16 EC091	SHYLES H										

		RAJ.T.D	rover										PS02
	1KS16 EC092	SKAND A.N											
9	1KS16 EC079	SAHAN A D	Implemen tation of an off hospital urban & rural communit y public access external defibrillat or	Instit ution	Applic ation orient ed	Exec uted	Y	Y	Y	Y	Y	PO1,2,3,4 ,5,6,7,8,9, 10,11,12 PS01, PS02	
	1KS16 EC080	SAHAN A K G											
	1KS16 EC044	MADHU G											
10	1KS16 EC072	RASHMI .S	Implemen tation of bit inter leaver used in flexible modulatio n scheme	Instit ution	Resear ch orient ed	Exec uted	Y			Y		Y	PO1,2,3,4 ,5,6, ,8,9,10,11 ,12 PS01, PS02
	1KS16 EC071	RAMYA. M.S											
	1KS17 EC406	HARITH A K											
11	1KS16 EC018	BRUND A.S	Automati on of manually operated devices	Instit ution	Applic ation orient ed	Exec uted			Y	Y	Y	PO1,2,3,4 ,5,6, ,9,10,11,1 2 PS01, PS02	
	1KS16 EC041	LIKHIT HA.Y											
	1KS16 EC039	BABYR AM											
	1KS16 EC025	DEEPIK A.M											
12	1KS16 EC058	NEHA.N. V	Insight ID	Instit ution	Applic ation orient ed	Exec uted	Y			Y		PO1,2,3,4 ,5, ,9,10,11,1 2 PS01, PS02	
	1KS16 EC078	SADHVI KA CHAND RA.R											
13	1KS16 EC076	S.SHWE THA	Enhanced refrigerat or with quality & quantity monitorin g	Instit ution	Applic ation orient ed	Exec uted	Y		Y			PO1,2,3,4 ,5, 9,10,11,1 2 PS01, PS02	
	1KS16 EC089	SHREYA SHWINI. V											
	1KS16 EC019	CHAND ANA.R											
14	1KS16 EC109	VIDYA. B	Automati c Ration material distributo r	Instit ution	Applic ation orient ed	Exec uted			Y	Y		PO1,2,3,4 ,5,8,9,10, 11,12 PS01, PS02	
	1KS16 EC108	VIDHYA .K.S											
	1KS16 EC105	VARSHI NI.K.S											

	1KS16 EC067	PRIYA.S											
15	1KS16 EC020	CHARA N.A	Automate d attendanc e system using face recognitio n	Instit ution	Applic ation oriente d	Exec uted	Y					Y	PO1,2,3,4 ,5,6,,9,10, 11,12 PS01, PS02
	1KS16 EC045	MADHU. N											
	1KS16 EC048	MANJU NATHA. B.S											
	1KS16 EC406	DARSH AN D											
16	1KS16 EC095	SPURTH I.M.K	Power generatio n using piezoelect ric material	Instit ution	Applic ation oriente d	Exec uted	Y	Y			Y		PO1,2,3,4 ,5,6,7,9,1 0,11,12 PS01, PS02
	1KS16 EC085	SARAH AHMED											
	1KS16 EC087	SHREYA SRINIV AS											
	1KS16 EC084	SAURA V KUMAR											
17	1KS16 EC061	1KS16E C061	Anomaly detection of warehous e	Instit ution	Applic ation oriente d	Exec uted				Y	Y		PO1,2,3,4 ,5,6, 9,10,11,1 2 PS01, PS02
	1KS16 EC063	1KS16E C063											
	1KS16 EC060	1KS16E C060											
18	1KS16 EC055	NANDA NGOWD A.S.H	Smart Voting system using face reorganiz ation	Instit ution	Applic ation oriente d	Exec uted	Y		Y	Y		Y	PO1,2,3,4 ,5,6, ,8,9,10,11 ,12 PS01, PS02
	1KS16 EC031	JAYAM HARESH THARU N											
	1KS16 EC011	ASHIK.B .N											
	1KS16 EC024	DEEPAK LAMANI											
19	1KS16 EC023	DEEPA. R	Automati c LPG control system	Instit ution	Applic ation oriente d	Exec uted		Y	Y	Y	Y		PO1,2,3,4 ,5,6,7, ,9,10,11,1 2 PS01, PS02
	1KS16 EC026	DIVYAL AKSHMI .G											

	1KS16 EC036	KOMAL KHAND ELWAL										
	1KS16 EC040	LAKSH MI PRIYA.K										
20	1KS16 EC013	ASHWIN I.S	Rakshak : A Bore well rescue BOT	Insti tution	Applic ation orient ed	Exec uted	Y	Y	Y	Y	PO1,2,3,4 ,5,6, 8,9,10,11, 12 PS01, PS02	
	1KS16 EC015	BHAGY A SHREE.S .J										
	1KS16 EC032	JEEVITH A KALAA SHILPA. N.C										
	1KS16 EC034	KADRI SRINID HI RAO										
21	1KS14 EC068	POOJA P G	Communi cation using LI- FI	Insti tution	Applic ation orient ed	Exec uted		Y	Y	Y	PO1,2,3,4 ,5,6, 8,9,10,11, 12 PS01, PS02	
	1KS14 EC107	SUMUK H S RAM										
	1KS14 EC117	YASH RAI										
	1KS16 EC401	AKASH B N										
22	1KS16 EC028	HARSHI NL.B.S	Renewabl e energy system for underwat er sensor	Insti tution	Applic ation orient ed	Exec uted	Y	Y	Y	Y	PO1,2,3,4 ,5,6,7,8,9, 10,11,12 PS01, PS02	
	1KS16 EC049	MEENA KSHI.A										
	1KS17 EC400	ARPITH A.C.V										
	1KS17 EC404	CHAND RAKAL A.K.S										
23	1KS16 EC416	ISHWAR MANNI KERI	Smart goggle for	Insti tution	Applic ation orient ed	Exec uted	Y		Y	Y	PO1,2,3,4 ,5,6, ,9,10,11,1	

	1KS16 EC419	KUMAR A B N	visually impaired people		d								2 PS01, PS02
	1KS14 EC085	RANJIT H KUMAR N											
24	1KS16 EC002	AALIYA ZAINAB	Detection of ventricula r fibrillatio n using wavelet transform	Instit ution	Resear ch oriente d	Exec uted	y			y		y	PO1,2,3,4 ,5,6, 8,9,10,11, 12 PS01, PS02
	1KS16 EC010	ANUSH A RAJ.D											
	1KS16 EC057	NEHA.J. KOTWA L											
25	1KS16 EC053	NAMRA THA.G	Village 3.0	Instit ution	Applic ation oriente d	Exec uted		y		y	y		PO1,2,3,4 ,5,6,7, ,9,10,11,1 2 PS01, PS02
	1KS16 EC054	NAMRA THA.G											
	1KS16 EC050	MEGHA SHREE V											
26	1KS16 EC009	ANIRUD H.K.N	The house keeper (3 in 1)	Instit ution	Applic ation oriente d	Exec uted			y	y			PO1,2,3,4 ,5,6, 9,10,11,1 2 PS01, PS02
	1KS16 EC096	SUDHA NSHU.S. SHARM A											
	1KS16 EC116	VIVEK.R											
27	1KS16 EC073	RAVI NANDA N	Swarm robot for agricultur e	Instit ution	Applic ation oriente d	Exec uted			y	y			PO1,2,3,4 ,5,6, 9,10,11,1 2 PS01, PS02
	1KS16 EC064	PRATYU SHA.S.A											
	1KS16 EC059	NIKITA BALAPP A NARAS ANNAV AR											
	1KS16 EC042	LOKESH .S											
28	1KS16 EC037	KRISHN A.D	Multi account embedde d ATM card	Instit ution	Applic ation oriente d	Exec uted	y			y	Y		PO1,2,3,4 ,5,6, 9,10,11,1 2 PS01, PS02
	1KS16 EC082	SANAN DA RAO.K.S											
	1KS16 EC088	SHREYA S.K.V											
	1KS16 EC098	SUHAS. M V											

29	1KS16 EC102	T.G.NIT HYA	Any Time Medicine	Instit ution	Applic ation orient ed	Exec uted			y	y		PO1,2,3,4 ,5,6, ,9,10,11,1 2 PS01, PS02
	1KS16 EC085	SHEETH AL.J.RA O										
	1KS16 EC077	SACHIN. M.G										
	1KS16 EC074	RAVI TEJA.M										
30	1KS16 EC062	PRATHA MKUMA R D	Feathered creature Revolver	Instit ution	Applic ation orient ed	Exec uted		y	y	Y		PO1,2,3,4 ,5,6, ,9,10,11,1 2 PS01, PS02
	1KS16 EC043	M.SURY A										
	1KS16 EC043	NAMITH A L RAO										
31	1KS17 EC409	PRABH AVATHI .K	Smart electricity monitorin g for home appliance s	Instit ution	Applic ation orient ed	Exec uted		y	Y			PO1,2,3,4 ,5,6, ,9,10,11,1 2 PS01, PS02
	1KS17 EC413	TEJASW INI B										
	1ks17 EC402	ASHOK KUMAR										
	1KS15 EC071	HEMAN T CHOWD ARY										
32	1KS16 EC014	AYUSH RAJ	Operation theatre automatio n and controller	Instit ution	Applic ation orient ed	Exec uted	Y		Y	Y		PO1,2,3,4 ,5,6, ,9,10,11,1 2 PS01, PS02
	1KS16 EC070	RAHUL KUMAR										
33	1KS16 EC114	VINOD KUMAR P	Electrical power generatio n by speed breakers	Instit ution	Applic ation orient ed	Exec uted	y		y	y		PO1,2,3,4 ,5,6, ,8,9,10,11 ,12 PS01, PS02
	1KS17 EC408	HARSHI TH K										

CAYm1 2019-2020

Table 2.2.3-c Project Mapping:

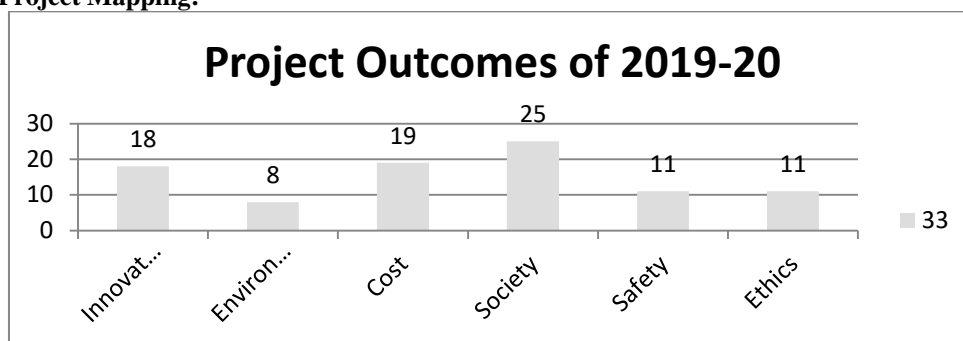


Table 2.2.3-d Project contribution towards the attainment of CO-PO coverage for the academic year 2019-20:

Group No	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PS0 1	PS0 2
1	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	-	Y	-	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
31	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y

32	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
33	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	Y
CO-P0 Mappe d	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

CAYm2 2018-2019

Project Group No.	Team Members		Project Title	Institution /Research Project Category	Research/ Application Type	Execution of Project	Contributions applicable to the project						PO/PSO Mapping
	USN	Name					Innovation	Environment	Cost	Society	Safety	Ethics	
1	1KS15 EC047	MAHIMA PADMANA BHA.B	AUTOMATIC AND MANUAL FLOOR CLEANING	Institution	Application oriented	Executed	Y		Y			PO1,2,3,4,5,6,7,9,10, 11,12, PSO1, PS02	
	1KS15 EC054	MEGHANA .K.V											
	1KS15 EC057	NAGESH N D											
	1KS15 EC036	HARSHITH A V											
2	1KS15 EC051	MEGHA SANJAY SAVALGI	SECURE D ANTI-PIRACY SCREEN	Institution	Application oriented	Executed	Y			Y		PO1,2,3,4,5, ,9,10, 11,12, PSO1, PS02	
	1KS15 EC017	BHAVANA. K.M											
	1KS15 EC037	JUNAID KHAN											
	1KS15 EC003	AKSHATH A SHENOY.U											
3	1KS15 EC020	CHAITHRA .B	ADSS - AUTOMATIC DRIVER SECURITY SYSTEM	Institution	Application oriented	Executed			Y	Y		PO1,2,3,4,5,6,,9,10, 11,12, PSO1, PS02	
	1KS15 EC039	KAVYA.M											
	1KS15 EC053	MEGHA.V											
	1KS15 EC005	ALAKA											
4	1KS15 EC019	BINDHU KUMAR.K. T	SMART AMBULANCE PATIENT MONITORING SYSTEM	Institution	Application oriented	Executed	Y		Y	Y		PO1,2,3,4,5,6, 9,10, 11,12, PSO1, PS02	
	1KS15 EC049	MANOJ.K											
	1KS15 EC046	SANJAY KARANTH. M											
	1KS15 EC030	GURU RAJ REDDY.J											
5	1KS15 EC029	GOWTHA M.R	VOTERS STRENGTH - SMART VOTING	Institution	Application oriented	Executed	Y		Y			PO1,2,3,4,5, ,9,10, 11,12, PSO1, PS02	
	1KS15 EC048	MANJUNATHA.B											
	1KS15 EC032	HARSHA.K .N											
	1KS15 EC028	GIRISH H S											

6	1KS15 EC044	KOLLI VINOD KUMAR	RFID BASED PREPAID ENERGY METER AND HOME AUTOMATION	Institution	Application oriented	Executed	Y			Y		PO1,2,3,4,5,6,9,10, 11,12, PSO1, PS02
	1KS15 EC002	ADUSUMIL LI UDAY CHOWDARY										
	1KS15 EC043	KODIDELA ROHINI										
	1KS15 EC045	M.SRI SAI CHARITHA										
7	1KS15 EC038	K.PRUTHVI NARAYANA	SMART GUIDE AT MUSEUM	Institution	Application	Executed				Y		PO1,2,3,4,5, 9,10, 11,12, PSO1, PS02
	1KS15 EC027	ENAGU GIRISH										
	1KS15 EC069	PRAGNYA. N										
	1KS15 EC61	PAVITHRA P.										
8	1KS16 EC440	YETHENDRA KUMAR S	HYBRID POWER GENERATION	Institution	Application	Executed	Y	Y		Y	Y	PO1,2,3,4,5,6,7,,9,10, 11,12, PSO1, PS02
	1KS16 EC423	MONISHA .S										
	1KS16 EC420	MADHCHANDAN. R										
	1KS16 EC413	HARISH REDDY K.S.										
9	1KS16 EC426	PAVITHRA S.P.	RASPBE RRY - PI BASED READER FOR BLIND PEOPLE	Institution	Application	Executed	Y			Y	Y	PO1,2,3,4,5,6,,9,10, 11,12, PSO1, PS02
	1KS16 EC427	POOJA B										
	1KS16 EC418	KAVYA .V										
	1KS16 EC402	ASHWINI .A										
10	1KS15 EC010	ANUSHA.A .MURTHY	ARTIFICIAL INTELLIGENCE BASED SOLAR VEHICLE	Institution	Application Oriented	Executed	Y	Y		Y	Y	PO1,2,3,4,5,6,7,9,10, 11,12, PSO1, PS02
	1KS15 EC021	CHANDAN A.G										
	1KS15 EC040	KAVYA.N										
	1KS15 EC050	MAYANKA GUPTA										
11	1KS15 EC082	SANGAM SWADLIK	AUTOMATIC DEPLOYMENT OF BARRIERS	Institution	Application Oriented	Executed				Y	Y	PO1,2,3,4,5,6, 9,10, 11,12, PSO1, PS02
	1KS16 EC436	SUSHANT KORENNA WAR										
	1KS15 EC081	SAMEER SRIVATSA										
	1KS15 EC097	SUBRAMA NYA.G.U										

1 2	1KS15 EC077	RASHMI SRINIVAS AN	SOLAR POWER ED	Institution	Application Oriented	Execu ted	Y	Y	Y	Y	PO1,2,3,4,5,6,,9,10, 11,12, PSO1, PS02
	1KS15 EC085	SANJANA. S	UNMAN NED								
	1KS15 EC067	PRAGATHI MADHYAS THA.K.P	MARINE ROBOT WITH								
	1KS15 EC087	SANTHOS H.K	RADAR SYSTEM								
1 3	1KS15 EC084	SANJANA. P.NADIG	SOIL MAPPIN G FOR	Institution	Application Oriented	Execu ted	Y	Y	Y	Y	PO1,2,3,4,5, ,7,9,10, 11,12, PSO1, PS02
	1KS16 EC432	RAKSHITH A.M S	PRECISI ON								
	1KS16 EC434	SUJAN. G	AGRICU LTURE								
	1KS16 EC439	YATHISH S.J									
1 4	1KS15 EC096	SPOORTHY .U.S	VOICE CONTR OLLED	Institution	Application Oriented	Execu ted	Y	Y	Y	Y	PO1,2,3,4,5,6,9,10, 11,12, PSO1, PS02
	1KS15 EC089	SATHWIK JAIN.B.N	WHEEL CHAIR								
	1KS15 EC104	VARSHA.R									
	1KS15 EC106	YASHASWI NLD									
1 5	1KS15 EC086	SANNIDHI. R.SHETTY	HAND GESTUR E	Institution	Application Oriented	Execu ted	Y	Y	Y	PO1,2,3,4,5,6, 9,10, 11,12, PSO1, PS02	
	1KS15 EC090	SHANKAR RAM	RECOG NITION AND								
	1KS15 EC091	SHREYAS WINI.C.K	VOICE CONVE RSION SYSTEM								
	1KS15 EC092	SHWETHA SHREE.C	FOR PHYSIC ALLY IMPAIR ED								
1 6	1KS15 EC094	SKANDA.H .N	IOT BASED CAMOU FLAGE ARMY ROBOT	Institution	Application Oriented	Execu ted	Y	Y	Y	PO1,2,3,4,5,6,9,10, 11,12, PSO1, PS02	
	1KS15 EC100	SUVIJITH.S									
	1KS15 EC101	SWATHI.K. S									
	1KS15 EC095	SMITHA.S. KARANTH									
1 7	1KS15 EC102	THANUSH A.S.V	DESIGN OF AN	Institution	Application Oriented	Execu ted	Y			Y	PO1,2,3,4,5, ,9,10, 11,12, PSO1, PS02

	1KS15 EC058	NALLANI PRIYA	ECONO MIC AND PORTAB LE CONTIN UOUS AMBUL ATORY PERIPH ERAL DIALYSI S (CAPD) MACHI NE																
	1KS16 EC417	JAGADISH. S																	
	1KS15 EC108	SUHAIL YOUSUF BHAT																	
1 8	1KS15 EC074	RAKSHITH A.S.	PROTOT YPE OF AN ANTI- POACHI NG ALARM SYSTEM FOR TREES USING WSN	Institution	Application Oriented	Execu ted	Y				Y								PO1,2,3,4,5,6, 9,10, 11,12, PSO1, PS02
	1KS15 EC066	POOJA.M																	
	1KS15 EC083	SANJANA. A.MANEY																	
	1KS16 EC433	SHASHI. O																	
1 9	1KS15 EC056	NAGABHU SHANA BHAT.S.C	BIOMOR PHIC HYPER- REDUN DANT ROBOT FOR DISAST ER SURVEI LLANCE	Institution	Application Oriented	Execu ted	Y				Y								PO1,2,3,4,5,6,,9,10, 11,12, PSO1, PS02
	1KS15 EC107	MUNEEB- FAYAZ																	
	1KS15 EC033	HARSHITH .R																	
	1KS15 EC016	BHAMINI RAJANNA																	
2 0	1KS15 EC001	ABHISHEK .S.GOWDA	CERES - AN AUTON OMOUS AND VERSAT ILE AGRICU LTURE ROBOT	Institution	Application Oriented	Execu ted	Y				Y								PO1,2,3,4,5,6,,9,10, 11,12, PSO1, PS02
	1KS15 EC004	AKSHAYA RAM BADALA																	
	1KS15 EC014	ARPITHA. N.V																	
	1KS15 EC023	CHETHAN. N. SHETTY																	
2 1	1KS15 EC006	ALEKHYA RAGHUNA TH	SMART ELECTR ONIC SECURI TY SYSTEM FOR CARGO CONTAI NERS	Institution	Application Oriented	Execu ted	Y												PO1,2,3,4,5, ,9,10, 11,12, PSO1, PS02
	1KS15 EC011	ARCHANA. K.N																	
	1KS15 EC059	NANDA.S																	
	1KS15 EC024	.DEEPASH REE R-																	
	1KS15 EC055	MUKUL VENKATES H	FOOD MONITO RING	Institution	Application Oriented	Execu ted	Y							Y	Y				PO1,2,3,4,5,6,,9,10, 11,12, PSO1, PS02

2 2	1KS15 EC012	ARJUN.M. KRISHNA	AND CONTR OL SYSTEM USING IOT										
	1KS15 EC035	HARSHITH A.R											
	1KS15 EC025	DHRUTHI SRIDHAR											
2 3	1KS15 EC018	BHUMIKA. R	AUTOM ATED SHOPPI NG TROLLE Y FOR BILLING SYSTEM	Institution	Application Oriented	Execu ted	Y				Y	PO1,2,3,4,5, ,9,10, 11,12, PSO1, PS02	
	1KS15 EC022	CHANDAN A.K											
	1KS15 EC052	MEGHASH REE R T											
	1KS15 EC034	HARSHITH A.G.BHAT											
2 4	1KS15 EC009	ANURAG REDDY.R	UNUSU AL EVENT DETECT ION USING LOW RESOLU TION CAMER A FOR ENHAN CING ATM SECURI TY	Institution	Application Oriented	Execu ted	Y		Y		Y	PO1,2,3,4,5, ,10, 11,12, PSO1, PS02	
	1KS16 EC414	HARSHA N											
	1KS15 EC008	ANKITA.A. RAIKAR											
	1KS15 EC042	KISHORE BHAT.U											
2 5	1KS16 EC403	ASHWINI b v	IOT BASED SMART SECURI TY FOR PREVEN TION OF INDUST RIAL HAZAR DS	Institution	Application Oriented	Execu ted	Y	Y			Y	Y	PO1,2,3,4,5,6,7,9,1 0, 11,12, PSO1, PS02
	1KS16 EC415	HARSHITH A PRIYADAR SHINI H.G.											
	1KS16 EC409	DEEPASHR EE.H N											
2 6	1KS15 EC060	P.ANKITH A	DUSTLE SS ENVIRO NMENT	Institution	Application Oriented	Execu ted	Y	Y			Y	PO1,2,3,4,5,6,7,9,1 0, 11,12, PSO1, PS02	
	1KS15 EC065	POOJA.N.R AO											
	1KS15 EC078	RATAN BHAGAT											
	1KS15 EC093	SHWETHA. S											
2 7	1KS15 EC062	PALLAVI.T .K	ELECTR ONIC VALVE SYSTEM WITH QUANTI TATIVE CONTR OL	Institution	Application Oriented	Execu ted	Y		Y		Y	PO1,2,3,4,5, ,9,10, 11,12, PSO1, PS02	
	1KS15 EC079	ROOPA.N											
	1KS15 EC076	RAMYA.H. N											
2 8	1KS15 EC068	PRAGNA.B. R	ECOLO GY MONITO RING	Institution	Application Oriented	Execu ted	Y	Y			Y	PO1,2,3,4,5,6,7,9,1 0, 11,12, PSO1, PS02	
	1KS15 EC070	POOJAR PRAVEEN											

		MAHABAL A											
	1KS15 EC072	PUNITH.N											
	1KS15 EC080	SAI PRANAV.S											
2 9	1KS15 EC109	NAGATEJA . P	SECURI TY DEVICE FOR WOMEN AND KIDS' SAFETY	Institution	Application Oriented	Execu ted	Y			Y	Y		PO1,2,3,4,5,6,9,10, 11,12, PSO1, PS02
	1KS14 EC106	SUMANTH R											
	1KS16 EC424	NAMRATH A.T.R											
	1KS15 EC064	PAVAN PATIL											
3 0	1KS15 EC064	PAVAN PATIL	VISUAL OBJECT RECOG NITION USING TENZOR FLOW	Institution	Application Oriented	Execu ted	Y				Y		PO1,2,3,4,5, ,9,10, 11,12, PSO1, PS02
	1KS15 EC088	SANTHOS H KUMAR.V											
	1KS15 EC103	UDAYKUM AR.V											
	1KS15 EC105	VISHWAS. K.K											
3 1	1KS16 EC400	AJAYA KUMAR .L	AUTOM ATED SERICU LTURE SYSTEM	Institution	Application Oriented	Execu ted	Y		Y	Y			PO1,2,3,4,5, ,6 ,9,10, 11,12, PSO1, PS02
	1KS16 EC405	CHARAN BABU S K											
	1KS16 EC410	DHANRAJ											
	1KS16 EC411	DHANUSH K A											
3 2	1KS13 EC083	SATHYAM SINHA	FRUGAL ENGINE ERING FOR MONITO RING AC	Institution	Application Oriented	Execu ted	Y				Y		PO1,2,3,4,5, ,9,10, 11,12, PSO1, PS02
	1KS14 EC049	MADAN SINGH											
	1KS13 EC017	ASWINI PUROSHOT HAM											
	1KS11 EC414	YUVARAJ P L T											

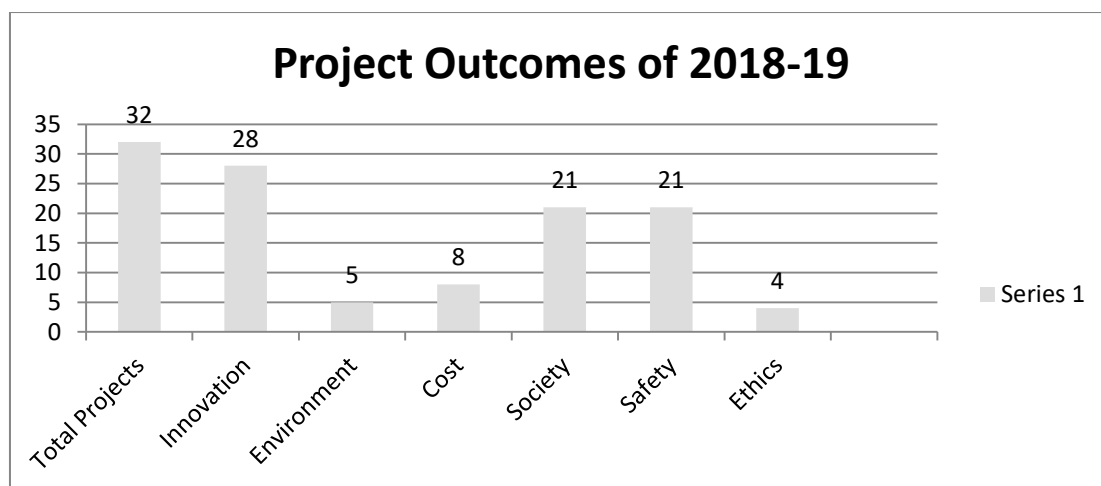


Table 2.2.3-e Project Contribution towards the attainment of CO-PO Coverage for the academic year 2018-19:

Group No	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02
1	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	-	Y	-	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	-	Y	-	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
30	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
31	Y	Y	Y	Y	Y	Y	-	-	Y	Y	Y	Y	Y	Y
32	Y	Y	Y	Y	Y	-	-	-	Y	Y	Y	Y	Y	Y
CO-PO Mapped	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

C. Process for Project Monitoring and Evaluation

Project Monitoring:

Project coordinator is responsible for planning, scheduling and execution of all the activities related to the student Project work

Table 2.2.3-f Project Monitoring and Evaluation

Timeline	Task	Particulars
SEMESTER SIX AND SEVENTH SEMESTER		
During 6th Semester	Intimation about the Project	<ul style="list-style-type: none"> • Students are invited to from their batch • Faculty Members discuss the projects which they can guide with the students • Students will start doing the literature survey in consultation with the Faculty Members
2nd week of seventh semester	Call for Batch Registration	<ul style="list-style-type: none"> • Students are invited to register their project batch with Project Coordinator • The project synopsis submitted by the students is pre-evaluated by Project Evaluation Committee.
4th week	First review project phase I	<ul style="list-style-type: none"> • Students present ideas about the project • If ideas are not accepted then students will be informed to refine idea as per the suggestion given and present again
5th week	Second chance	<ul style="list-style-type: none"> • Students will present their refined ideas
7th week	Second Review of Project Phase I	<ul style="list-style-type: none"> • The second review of the project phase I will be done • Guides will be allotted officially
9th week	Third Review of Project Phase I	<ul style="list-style-type: none"> • Final synopsis is submitted to Project Coordinator and Guide • Status of the Survey paper is updated
12 th week	Submission of certificate	<ul style="list-style-type: none"> • Submission of published literature survey paper

EIGHTH SEMESTER		
Every week students should meet the guide and submit weekly progress report. If students are facing any Project related issues they can take the suggestion of the Guide		
3rd week	First review of Project Phase II	<ul style="list-style-type: none"> • First Progress review of the project will be presented to the Project Evaluation Committee consisting of Project Coordinator ,HOD and Two Faculty Members • Project Progress will be reviewed
7th week	Second review of Project Phase II	<ul style="list-style-type: none"> • Second Progress review of the project will be presented to the committee • Project Progress will be reviewed • Present the status of implementation paper
11th week	Third Review of Project Phase III	<ul style="list-style-type: none"> • Final presentation of the project to the committee • Demonstration of the working model • Draft copy of the project report • Submission of published technical paper
12th week	Report submission	<ul style="list-style-type: none"> • Final copy of the project report in soft copy and hard copy will be submitted incorporating all the changes suggested by the Guide
14th week	Project Exhibition	<ul style="list-style-type: none"> • Students exhibit their project and experts from the industry and academia will evaluate the projects. The Best projects for the year will be declared.

Process for project evaluation:

The Internal project Evaluation is carried out in 3 Phases i.e. Phase-1, 2 & 3. The details are shown below

Table 2.2.3-g: Project Evaluation

Sl. No.	Evaluation scheme	Marks
1.	Presentation	05
2.	Project Completion	05
3.	Status of implementation paper to be published in Journal/ Conference	05
4.	Weekly interaction with the Guide	05
5.	Project Report status	05
Total		25

K.S. INSTITUTE OF TECHNOLOGY GROUP NO. 01
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG.
8th SEMESTER PROJECT REVIEW - III -
2018-19

Date: 9-6-2019		Title of the Project: Automatic and Manual floor cleaning Robot										
Name of the Guide: Dr. S. Sambash Kumar												
Sl No	USN	Student Name	Reviewer									
1	IKS15EC036	Harshitha. V	G	5	5	5	5	5	5	24	22	
			E1	4	4	4	4	4	4	4		16
			E2	4	4	4	4	4	4	4		16
			E3	4	4	4	4	4	4	4		16
2	IKS15EC047	Malina padmenatha	G	5	5	5	5	5	5	20	22	
			E1	4	4	4	4	4	4	4		16
			E2	4	4	4	4	4	4	4		16
			E3	4	4	4	4	4	4	4		16
3	IKS15EC054	Meghana P.V	G	5	5	5	5	5	5	20	24	
			E1	5	5	5	5	5	5	5		20
			E2	5	5	5	5	5	5	5		20
			E3	5	5	5	5	5	5	5		20
4	IKS15EC057	Nagash N D Rajit	G	5	5	5	5	5	5	20	23	
			E1	5	5	5	5	5	5	5		20
			E2	5	5	5	5	5	5	5		20
			E3	5	5	5	5	5	5	5		20

Name of Guide (G) BRS
Name of Evaluator 1 (E1) SB
Name of Evaluator 2 (E2) ND
Name of Evaluator 3 (E3) LHR.

Fig. 2.2.3-2 Sample of evaluation sheet

K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.
12TH MAY 2021
PROJECT REVIEW-1 MARKS - AY 2020-21

SL.NO	USN	STUDENT	Group #	E1			E2			E3			Review 1 Marks
				CO1(10)	CO3(5)	Total (15)	CO1(10)	CO3(5)	Total (15)	CO1(10)	CO3(5)	Total (15)	
				Design Readiness (Component procurement, Project plan & set up of environment) (10)	Comparison with similar work(5)		Design Readiness (Component procurement, Project plan & set up of environment)(10)	Comparison with similar work(5)		Design Readiness (Component procurement, Project plan & set up of environment)(10)	Comparison with similar work(5)		
1	IKS17EC029	CHETHANA PRASAD K	1	9	3	12	9	4	13	8	3	11	12
2	IKS17EC035	DISHA S		9	3	12	9	4	13	8	4	12	12
3	IKS17EC036	DIVYA.T.M		9	3	12	9	4	13	8	4	12	12
4	IKS17EC079	RITU PATEL	2	9	4	12	9	4	13	9	4	13	13
5	IKS17EC104	VISHAL GOUTHAM.N		9	3	12	9	4	13	9	4	13	13
6	IKS17EC059	NAGANETRA.M	3	7	3	10	9	4	13	7	4	11	11
7	IKS17EC080	ROHINI.D		7	3	10	9	4	13	7	4	11	11
8	IKS17EC099	VAIBHAVI SREENIVASA		7	3	10	9	4	13	7	4	11	11
9	IKS17EC100	VAISHNAVL.K.KATTI	4	7	3	10	9	4	13	7	4	11	11
10	IKS17EC008	ANAGHA.A.KASHYAP		9	4	13	9	4	13	9	4	13	13
11	IKS17EC012	ANUSHAL	5	8	3	11	9	4	13	9	4	13	12
12	IKS17EC075	RACHANA.S		10	4	14	9	4	13	9	4	13	13
13	IKS17EC085	SAHANA.V		10	4	14	9	4	13	9	4	13	13
14	IKS17EC057	MOHAMMED SADATH	6	9	3	12	10	5	15	9	4	13	13
15	IKS17EC067	PAVAN PRASAD R		9	3	12	10	5	15	10	4	14	14
16	IKS17EC074	R.YASHAS		9	3	12	10	5	15	7	3	10	12
17	IKS18EC406	MAHADEVA G R	7	9	3	12	10	5	15	7	4	11	13
18	IKS16EC038	KSHITIZ GURUNG		5	1	6	9	3	12	3	1	4	7
19	IKS17EC007	ANA EPSIBA.F	8	5	1	6	9	3	12	8	3	11	10
20	IKS16EC007	AMAN KUMAR SINGH		6	2	8	9	3	12	6	3	9	10
21	IKS16EC431	RAKESH .M.D		8	3	11	9	4	13	8	3	11	12
22	IKS16EC0113	VINAYAK Y.BAJANTRI	7	5	2	7	9	4	12	8	3	11	10
23	IKS17EC002	ABHUTH SUDHIR		5	2	7	9	3	12	9	4	13	11
24	IKS17EC005	AMOGHAVARSHA.N.D		5	2	7	9	3	12	9	4	13	11
25	IKS17EC031	DEVALE SUDARSHAN	8	5	2	7	9	3	12	8	4	12	10
26	IKS17EC062	NAVIN KUMAR.H.G		10	4	14	10	4	14	9	4	13	14
27	IKS17EC063	NAVYA.S		10	4	14	10	4	14	9	4	13	14
28	IKS17EC071	PRATIMA.P.AGNIHOTRI	8	10	4	14	10	4	14	9	4	13	14
				10	4	14	10	4	14	9	4	13	14

Fig. 2.2.3-3 Sample of evaluation sheet

D. Process to assess individual and team performance

- During the Project Progress review each member of the group will be given chance to do the presentation so that the performance of the team and individual can be evaluated.
- Each week the project members will meet the concerned guide to report about the project progress made. During the meet the Guide will evaluate the contribution of every member to the project.
- At the end of eighth semester the project exhibition will be organized and the judges are invited from the industry and academia to evaluate the performance each project group.

Table 2.2.3-h List of Project Exhibition:

Academic Year	Date of Project Exhibition organized	Judges Invited from Industry/Academia
2020-21	-	Due to pandemic Project exhibition was not organized. The sponsored projects were declared as best projects
2019-20	-	Due to pandemic Project exhibition was not organized. The sponsored projects were declared as best projects
2018-19	13-05-2019	Dr.K Chandrasekhar, Professor & Head, Dept. of ECE, Jyothi Institute of Technology, Bangalore Mr.Srinivasan A N KMD Tiny Chips , Embedded Chips, Region Head South. Skill India, Bangalore.
2017-18	10-05-2018	Mr.Ganeshan Viswanathan , Viswa Jyothi Technologies Pvt Ltd. Bangalore. Mr.Srinivasan A N KMD Tiny Chips , Embedded Chips, Region Head South. Skill India, Bangalore.
2016-17	12-05-2017	Dr.Gopal Sharma Joshi Technology Specialist, Honeywell Technology solutions Pvt. Ltd. Bangalore Dr.Shobha.B.N Professor & Head, Dept. of ECE, SJCIT, Chickaballpur, Dr.Karthik.K Professor Dept. of ECE, KSSEM Bangalore

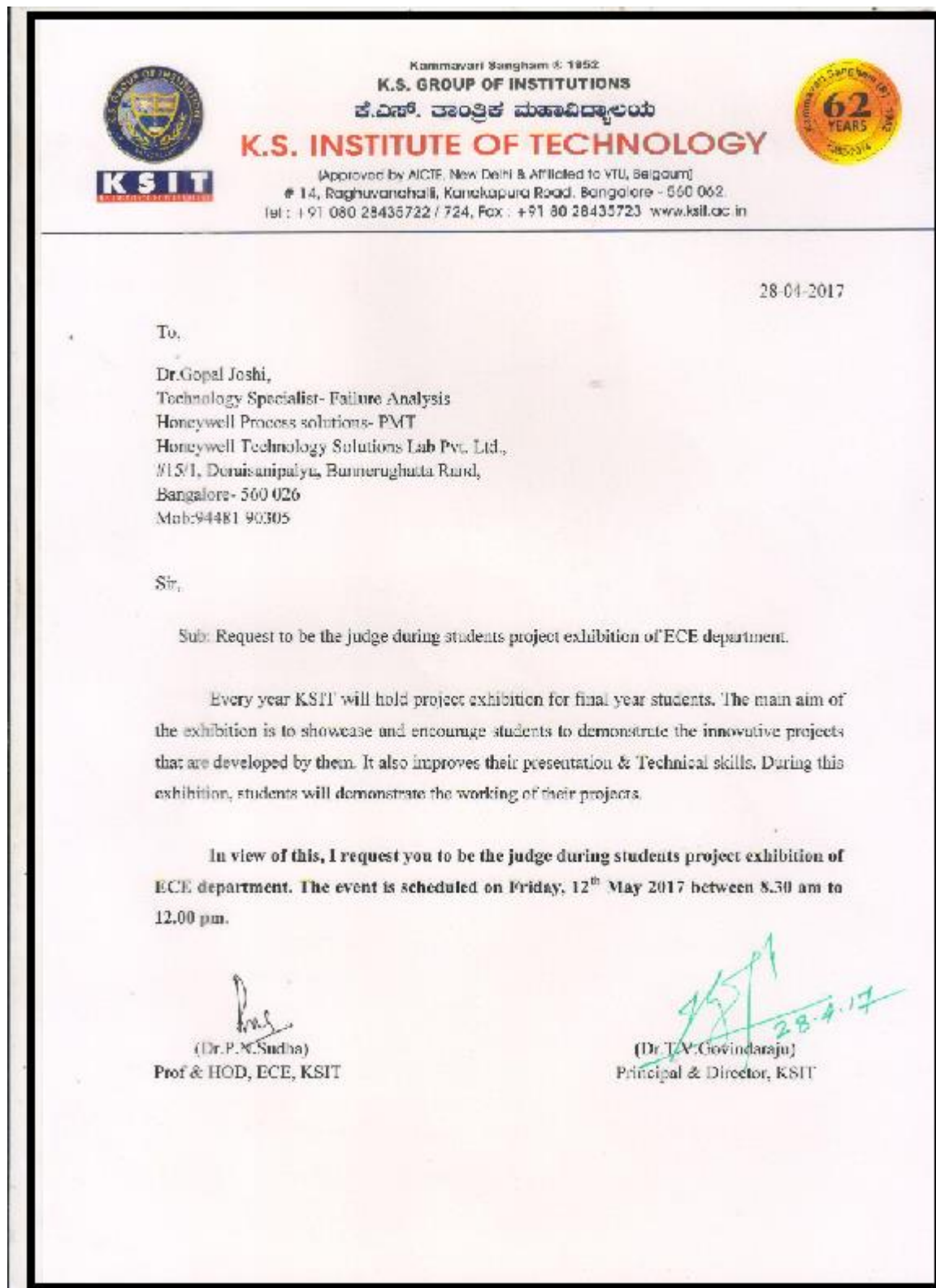


Figure 2.2.3-4 Sample letter for inviting the Judges to the Project Exhibition



Figure 2.2.3-5 Mr. Y. Ramachandra Naidu President of Kammavari Sanghatm Inaugurating the Project Exhibition



Figure 2.2.3-6 Dr. P.N. Sudha presenting the Memento to Mr. Srinivasan



Figure 2.2.3-7 Dr.P.N.Sudha presenting the Memento to Dr. K Chandrasekhar

E. Quality of completed Projects

Sponsored Projects:

Students are encouraged for submitting proposals to various external project funding agencies like KSCST, VGST & VTU for project sponsorship every year. The following table gives the list of projects sponsored.

Table 2.2.3-i Table of Funded Projects

Year	Project Title	Funding agency/ Scheme	Amount	Duration	Name of the coordinator	STUDENTS	Research Progress
CAY (2020-21)	Photovoltaic Dual purpose thermoelectric refrigerator	KSCST Project Fund	5,000/-	6 Months	Mrs.Sangeetha .V	Mr.Pavan Prasad Mr.Md.Sadat Mr.Mahadeva. G.E Mr. Yashs.R	Completed
CAY m2(2019-20)	Automatic segregation of waste using Robotic Arm	KSCST Project Fund	4,500/-	6 Months	Mrs.Sangeetha .V	Ms.Bhoomika.P .M Ms.Sonika.V Ms.Suma.B.S Ms. Vismitha Sonna Sathyanarayana	Completed
	Rakshak-A Bore well Rescue Bot	KSCST Project Fund	5,500/-	6 Months	Dr.Sudha.P.N	Ms.Kadri Srinidhi Rao Ms.Jeevitha Kalashilpa.N.C Ms.Bhgyashree. S.J	Completed
CAYm3 (2018-19)	Artificial intelligence based solar	KSCST project fund	8,000/-	6 months	Mr.Sampathku mar S	Mayankagupta Anushamurthy	Completed

	vehicle					Kavya n Chandana G	
	Design Of An Economic And Portable Continuous Ambulatory Peritoneal Dialysis (CAPD) Assistive Device	VTU project fund	5,000/-	6 months	Dr.B.Surekha	Thanusha S V NallaniPriya Jagadish S Suhail Y Bhat	Completed
	Biomorphic hyper redundant robot for disaster surveillance	VTU project fund	5,000/-	6 months	Lakshmi HR	NagabhushanB hat S C MuneebFayaz Harhitha R BhaminiRajanna	Completed

BEST PROJECTS

The department organizes project exhibition every year. In the project exhibition the students will display their working model of the project. The project exhibition provides an opportunity for the students of lower semester to see the projects done in the department and also gives an idea about the project they have to do in the next semester. During the project exhibition the Judges from the Industry and Academia are invited to evaluate the Projects. Based on their evaluation the Best Project is declared and the winners will be given certificate and trophies.

CAY 2020-2021

Table 2.2.3-j Best Projects of 2020-2021

USN	Name of the students	Title of the project	Area of work carried out	Name of the guide	POs/PSOs attainment
1KS17EC067	PAVAN PRASAD.R	Photovoltaic Dual purpose Thermoelectric Refrigerator	Embedded System	Mrs.Sangeetha. V	PO1,2,3,4,5,6,9,10, 12 PSO1,PS0
1KS17EC057	MOHAMMED SADATH				
1KS18EC406	MAHADEVA.C.R				
1KS17EC074	YASHAS.R				

CAY 2019-2020

Table 2.2.3-k Best Projects of 2019-2020

USN	Name of the students	Title of the project	Area of work carried out	Name of the guide	POs/PSOs attainment
1KS16EC051	BHOOMIKA.P.M	Automatic segregation of waste using Robotic Arm	Embedded System	Mrs.V.Sangeetha	PO1,2,3,4,6,7,9,10,12 PSO1,PS0
1KS16EC094	SONIKA.V				
1KS16EC099	SUMA.B.S				
1KS16EC115	VISMITHA SONNA.S				
1KS16EC034	KADRI SRINIDHIRAO	Rakshak –A Borewell Rescue Robot	Embedded System	Dr,P.N.Sudha	PO1,2,3,4,5,6,8,9,10,12 PSO1,PS02
1KS16EC032	JEEVITHA KALAASHILPA.N.S				
1KS16EC013	ASHWINI.S				
1KS16EC034	BHAGYASHREE. S.J				

CAY m2 2018-2019

Table 2.2.3-l Best Projects of 2018-2019

SL.NO	USN	Name of the students	Title of the project	Area of work carried out	Name of the guide	POs/PSOs attainment
1 st Place	1KS15EC051	MEGHA SANJAY SAVALGI	SECURED ANTI-PIRACY SCREEN	Embedded System	Dr. Surekha B	PO1,2,3,4,5, 9,10,11,12 PSO1,PS02
	1KS15EC017	BHAVANA.K.M				
	1KS15EC037	JUNAID KHAN				
	1KS15EC003	AKSHATHA SHENOY.U				
2 nd Place	1KS15EC020	CHAITHRA.B	ADSS - AUTOMATIC DRIVER SECURITY SYSTEM	Embedded System	Mr. Saleem S T	PO1,2,3,4,5,7,9,10,11,12 PSO1,PS02
	1KS15EC039	KAVYA.M				
	1KS15EC053	MEGHA.V				
	1KS15EC005	ALAKA				
	1KS15EC038	K. PRUTHVI NARAYANA	SMART GUIDE AT MUSEUM	Embedded System	Mr. Praveen A	PO1,2,3,4,5,9,10,11,12 PSO1,PS02
	1KS15EC027	ENAGU GIRISH				
	1KS15EC069	PRAGNYA.N				

	1KS15EC61	PAVITHRA P.				
3 rd Place	1KS15EC05 6	NAGABHUSHAN A BHAT.S.C	BIOMORPHIC HYPER- REDUNDANT ROBOT FOR DISASTER SURVEILLANC E	Robotic	Mrs. Lakshmi H R	PO1,2,3,4,5,6,9,10,11,1 2 PSO1,PS02
	1KS15EC10 7	MUNEEB-FAYAZ				
	1KS15EC03 3	HARSHITH.R				
	1KS15EC01 6	BHAMINI RAJANNA				
	1KS15EC00 1	ABHISHEK.S. GOWDA	CERES - AN AUTONOMOUS AND VERSATILE AGRICULTURE ROBOT	Embedde d System	Mrs. Jayasudh a B S K	PO1,2,3,4,5,6,9,10,11,1 2 PSO1,PS02
	1KS15EC00 4	AKSHAYA RAM BADALA				
	1KS15EC01 4	ARPITHA.N. V				
	1KS15EC02 3	CHETHAN.N. SHETTY				



Figure 2.2.3-3 Sample copy of Best Project Certificate

F. Evidences of papers published by project groups:

Students are encouraged to publish the papers based on their project work in National and International Conference. The students will publish the papers and also present it in conference every year. The details of the papers published are presented in the following tables

CAY 2020-2021

Table 2.2.3-m Paper presented during the Academic Year 2020-2021

Sl. No	Name of the students	Paper Name	Paper Submitted	Date	Paper Presented
1	AKSHATHA SHENOY JUNAID KHAN MEGHA S. SAVALGI K.M. BHAVANA	Secure Anti-piracy System	Intelligent System Design, Advances in Intelligent Systems and Computing, Vol 1171. Springer, Singapore. pp. 827-835, 2021. Online ISBN: 978-981-15-5400-1, Print ISBN 978-981-15-5399-8, ISSN 2194-5365, https://doi.org/10.1007/978-981-15-5400-1_78 , https://www.scopus.com/sourceid/5100152904	-	NA
2	P. PRATI KSHA K. POOJA	Automation of Anomaly Detection in Warehouses: A Machine Learning-Based Approach	Lect. Notes in Networks, Syst., Vol. 169, Proceeding of First Doctoral Symposium on Natural Computing Research, Chapter 16, 2020, ISBN: 978-981-33-4072-5.	-	NA
3	AKSHITHA V RAMESH APEKSHA RAVI KUMAR AMULYA S IYENGAR LEKHA YADAV B	Implementation and Design of FIR Filters using verilog HDL and FPGA	Perspectives in Communication, Embedded-Systems and Signal Processing (PiCES)- An International Journal pp 4-7,2020, ISSN: 2566-932X	-	NA
4	NAVIN KUMAR H G NAVYA S PRATIMA AGNIHOTRI PRATIMA V KASHYAP	Literature review on Hybrid temperature sensing and monitoring system with built-in sanitizer	International Advanced Research Journal in Science, Engineering and Technology Vol.7, No12 , International Advanced Research Journal in Science, Engineering and Technology Vol.7, No12 ,	12 th Decem ber 2020	NA
5	ANIRUDH K N SUDHANSHU S VIVEK R	Unified Meter For Electricity, Gas and Water with Automatic Billing and Payment	International Research Journal of Engineering and Technology, Vol. 07, Issue.05 Aug 2020, pp. 811-816, e-ISSN: 2395-0056, p-ISSN: 2395-0072	August 2020	NA
6	BRUNDA S DEEPIKA M L S BABY RAM LIKHITHA Y	Automation of Manually Operated Devices	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	August 2020	NA

			Vol.08, No8, Aug 2020, pp. 411 - 416, ISSN: 2321-9653		
7	SHREYAS K V SANANDA RAO K S SUHAS M V KRISHNA D	Multi account embedded ATM card with Fingerprint recognition	International Research of Journal of Engineering and Technology (IRJET), Vol 7, Issue.08, Aug 2020, pp:1687-1691,e- ISSN : 2395-0056, p-ISSN:2395-0072	August 2020	NA
8	NANDAN GOWDA JAYAM HARESH THARUN ASHIK B N DEEPAK LAMINI	Smart Voting System using Face Recognition	International Research Journal of Engineering and Technology, (IRJET),Vol 07,No. 08 Aug2020, pp: 1463-1467, e-ISSN:2395-0056, p-ISSN: 2395-0072,	August 2020	NA
9	SHRINIDHI N S UPDHYA K S SHYLES RA SKANDA N	Gyro-assisted multi terrain rover	International Research Journal of Engineering and Technology (IRJET), Vol.07, No08, Aug 2020, pp. 2061-2065, e-ISSN: 2395-0056, p-ISSN:2395-0072	August 2020	NA
10	VASUDEV UPDHYA K S UPDHYA K S TEJAS P VIGNESH KUMAR V PRAVEEN TULSIDAS NAIK	Miniature water purifier Based on	International Research Journal of Engineering and Technology(IRJET), Vol.07, Issue.08 Aug 2020, pp-2201-2205, e-ISSN:2395-0056, p-ISSN:2395-0072	-	NA
11	RAVINANDAN LOKESH.S ANKITHA.B PRATHYSHA.S	Modern Agriculture using Swarm Robots	International Journal of Advance in Engineering and Management(IJAEM) Vol.02, No: 04, 30 Aug 2020, pp: 67 - 70, ISSN : 2582-5208	9 th August 2020	NA
12	POOJA P G YASH RAI SUMUKHA S RAM SHREYA SRINIVAS	Communication In LI-FI	Journal of Emerging Technologies and Innovative Research (JETIR), Vol.07,No. 08, August 2020, pp-1425-1429, ISSN:2395-5162	August 2020	NA
13	SHREYA SRINIVAS SARAH AHMED SAURAV KUMA SPURTHI M K	Commuting Aid for Visually Impaired People	International Research Journal of Engineering and Technology (IRJET), Vol.07, Issue. 08, Aug2020, pp: 1231 -1234, ISSN : 2395-0056	August 2020	NA

14	S SHWETHA CHANDANA R SHREYASHWIN I	Enhanced Refrigerator with Quality and Quality Quantity Monitoring(ERQQM)	International Journal for Research in Applied Science & Engineering Technology(IJRASET) Vol 8, No8 ,Aug 2020, pp . 122-124. ISSN: 2321-9653, IC Value . 45.98, SJ Impact Factor : 7,429	August 2020	NA
15	PRIYA VARSHINI.K.S VIDHYA VIDYA B	Automatic Ration Material distribution	International Journal of Advances in Engineering and Management (IJAEM), Vol 2, No4, pp: 641- 616,No4, Aug 2020 pp . 641 -646. ISSN: 2395 – 5252, Impact Factor Value: 7,429	August 2020	NA
16	DIVYA LAKSHMI.G DEEPA	Automatic Gas Leakage Detection and Booking System	International Research Journal of Engineering and Technology(IRJET), Vol 7, No8, pp: 409-411, Aug 2020. ISSN: 2395 - 0056, Impact Factor Value: 7,529	-	NA
17	APEKSHA RAVI KUMAR DIVYA T.M LEKHA YADAV	Precision Agriculture: A Review on its Techniques and Technologies	International Research Journal of Modernization in EngineeringTechnology,(IR JET), Vol 2, No9, pp: 1326-1332, sep 2020. ISSN: 2582-5208, Impact Factor Value: 5.354	Septem ber 2020	NA
18	ANAGHA A KASHYAP ANUSHA L RACHANA S SAHANA V	Machine Learning Techniques for Cardiovascular score Prediction – A Review	International Research Journal of Engineering and Technology(IRJET) Vol 8, No1, pp: 1792-1798, Jan 2021. ISSN: 2395-0056, Impact Factor Value: 7.529	Januar y 2021	NA
19	AYUSH RAJ RAHUL KUMAR	Operation Theatre Automation and Control(OTAC)	International Research Journal of Engineering and Technology(IRJET) Vol 7, No8, pp: 1244 -1250, Aug 2020. ISSN: 2395-0056, Impact Factor Value: 7.529	August 2020	NA
20	AYUSH RAJ RAHUL KUMAR	Survey on Operation Theatre Automation and Control (OTAC)	International Research Journal of Engineering and Technology(IRJET) Vol 7, No 6, pp: 1244 -12549 2020. ISSN: 2395-0056,	-	NA
21	SHAMANTH RAJ D N HARSHITHA B VANITHA C CHANDU PJ	Literature Review on “IOT Based Plant Disease Detection”	International Research Journal of Engineering and Technology(IRJET) Vol 7, No 6, pp: 1244 -12549 2020. ISSN: 2395-0056,	May 2021	NA

22	ANITHA R BHAVANA J G S SURABHI MADHU S	A Survey on Brain Actuated Applications for Paralyzed People	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No5, May 2021 DOI: 10.17148/IARJSET.2021.8 535	May 2021	NA
23	SURAJ V GHORPADE VRINDHA	AI based Armed Surveillance Robot	International Journal of Computer Applications Technology and Research Volume 10–No07, 183-185, 2021, ISSN:-2319–8656	May 2021	NA
24	AYESHA ROSHEEN BINDU J CHAITHRA V M	Implementation of Quine Mc-Cluskey Method on FPGA	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No5, May 2021 DOI: 10.17148/IARJSET.2021.8 533	May 2021	NA
25	CHEETHANA PRASAD K DISHA S DIVYA T M	Morse code based secured authentication system through artificial intelligence	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No5, May 2021 DOI: 10.17148/IARJSET.2021.8 556	May 2021	NA
26	CHEETHANA DISHA S DIVYA T M	A Comprehensive Study of Face Recognition for security Based Systems	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 05, pp: 355 - 361,2021,- ISSN: 2393-8021	May 2021	NA
27	SOWJANYA K N NIKHIL JAMADAGNI H M K UNNIMAYA BHAVANA G	Automatic Movable Smart Road Divider Using IOT	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No 6, pp. 839-843, 2021, ISSN: 2393-8021	June 2021	NA
28	SHARATH KUMAR R YATHISH S DHANJAYA RENUKA PRASAD M R SUBRAMANI GAJANAN MOGER	IOT Based Cloud Integrated Smart Classroom and Sustainable Campus	International Advanced Research Journal in Science, Engineering and Technology, Vol, 8, No. 5, pp:347-350, 2021, ISSN: 2393-8021,	May 2021	NA

29	SAMPATH KUMAR S CHETHANA S BHAVANA B S MAMATHA K S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 1 – 5,2021, e-ISSN: 2394-1588	July 2021	NA
30	SANDEEP KUMAR M SYED WAQUR KASHIF RAKESH C.S A YESHWANTH	Literature review on Clock optimization for High speed synchronous Circuits	International Advanced Research Journal In Science, Engineering and Technology, Vol8, No.6, pp.737-740, 2021, ISSN : 2393-8021	June 21	NA
31	MONISHA A PENUJURI NAGA SAI SNEHITHA RAMYA R	Smart Manhole Toxic Gas Identification and Altering System Review	International Advanced Research Journal in Science , Engineering and Technology, Vol.8, No.2, pp.122-124, 2021, ISSN : 2393-8021	Feb 2021	NA
32	ABHIJITH SUDHIR AMOGHAVARS HA N. D DEVALE SUDARSHAN VINAYAK BAJANTRI	Entire Body Postural Analysis Assessment Device for Computer Operators	International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 6, pp:911-917, 2021, ISSN: 2393-8021,	June 2021	NA
33	SUJAY R SOMASHEKA	Survey on sign language to text and speech conversion using Machine Learning Model	International Journal of Research Publication and Reviews Vol 2, No. 7, pp , 2021,ISSN : 2582-7421	2021	NA
34	SIRI RAVINATH SUPRIYA S	LED Distance Indicator Literature Survey	International Advanced Research Journal in Science Engineering and Technology, Vol 8,No. 7,pp 129-131,2021,ISSN : 2393-8021	July 2021	NA
35	R SUSHMITHA K VANDANA	Smart Road system	International Journal of Recent Advances in Multidisciplinary Topics , Vol.2, No. 7, pp.128-130, 2021, ISSN: 2582-7839	July 2021	NA
36	AN BHOOMIKA CHOWDARY CHARAN G	The design, modeling, construction and implementation of Self- balancing robot	International Advanced Research Journal in Science, Engineering and Technology, Vol,8, No. 6, 2021, ISSN: 2393-8021	June 2021	NA
37	DEEKSHA S N ISHWARYA.R	Review on Automatic sanitizer dispensing machine	International Advanced Research Journal in Science, Engineering and Technology, Vol 08, No:06, pp : 938-939, 2021, ISSN: 2393-8021	June 2021	NA

38	HARSHITHA S JANHAVI K P	Laser Based Security System	International Advanced Research Journal in Science, Engineering and Technology, Vol 08, No:07, pp : 91-93, 2021, ISSN: 2393-8021	July 2021	NA
39	CHETHANA K S BHAVANA B.S MAMATHA K S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 04, pp: 362 – 364,2021, e-ISSN: 2393-8021	July 2021	NA
40	ABIJITH SUDHIR AMOGHAVARS HA N D DEVALE SUDARSHAN VINAYAK BAJANTRI	Entire Body Postural Analysis Assessment Device for Computer Operators	International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 6, pp:364-366, 2021, ISSN: 2393-8021,	June 2021	NA
41	ANA EPISHA F AMAN KUMAR SINGH KSHITIZ GURUNG RAKESH M D	Smart Two-Wheeler	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.5, pp.397-400, ISSN: 2393-8021	May 2021	NA
42	ANA EPISHA F AMAN KUMAR SINGH KSHITIZ GURUNG RAKESH M D	Smart Two-Wheeler	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.6, pp.397-400, ISS: 2393-8021	June 2021	NA
43	SHIVANI K SHRAVYA SAACHARYA VAISHNAVI S VAISHNAVI SRIHARSHAN	Literature Review on Personalized Asthma Prediction by Early Detection	Journal of Applied Science and Computations. Vol 8, No.6, pp.27-31, ISSN :0022-1945		NA
44	CHETHAN G RAHUL R NADIG SUPRIYA V	Literature review on “Automatic Gate Control System using Number Plate Recognition with OCR	International Advanced Research Journal in Science and Technology, Vol.8, No.5, pp.280-285,2021,Issn : 2393-8021	May 2021	NA
45	CHETHAN G RAHUL R NADIG SUPRIYA V	Automatic Gate Control System Using Number Plate Recognition with OCR	International Advanced Research Journal in Science , Engineering and Technology, Vol.8, No.6, pp.858-865, 2021, ISSN : 2393-8021	June 2021	NA
46	ASIYA FATHIMA DEVIYA.N ANIL G	Smart Water Metering System	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7,		NA

	KAMNOOR SUSHMA		pp. 280-284, 2021, ISSN: 2393-1588		
47	M NIHITHA YADAV MOHAMMED FAIZAN	Density Based Traffic Signal System using Microcontroller	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 253-254, 2021, ISSN: 2394-1588	July 2021	NA
48	PRUTHIVIRAJ N RUTHVIK RAVISH SHREYAS H R SURYA N	Literature review on Area- Delay-Power Efficient Carry-Select Adder	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 262-264, 2021, ISSN: 2393-8021	May 2021	NA
49	NAVYA M S NIROSHA G J	Automatic Water Controller	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp. 255-257, 2021, ISSN: 2393-8021	July 2021	NA
50	JISHNU S DIWAKAR BABU Y	Human Following Robot	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 258-259, 2021, ISSN: 2393-8021	July 2021	NA
51	MOHAMMED FAIZAL NIKHIL V NIKHIL V PRAJWAL C	Literature Review on Recognition of Stress Using Face Image and Facial Land marks	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 7, pp 792-797,2021,ISSN : 2393-8021	June 2021	NA
52	MOHAMMED FAIZAL NIKHIL V NIKHIL V PRAJWAL C	Recognition of Stress using Face Image and Facial Land Marks	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 7, pp 602-612,2021,ISSN : 2393-8021	May 2021	NA
53	AKSHITHA V RAMESH AMULYA S IYENGAR APEKSHA RAVI KUMAR LEKHA YADAV B	A Review on the use of Emergency Ventilators for COVID-19	International Journal of Scientific Research in Engineering and Management , Vol. 5, No. 5, pp 1-5,2021, ISSN 2582- 3930	May 2021	NA
54	AKSHITHA V RAMESH AMULYA S IYENGAR APEKSHA RAVI	Implementation of An Emergency Ventilator Based on Oxygen Regulation	International Research Journal of Modernization in Engineering and Technology and Science, Vol 3, No.7, pp.1172-1179,	July 2021	NA

	KUMAR LEKHA YADAV B		ISSN 2582-5208		
55	MEGHANA B S NAGASHREE A	Automatic Rain Sensing Wiper Circuit Using 555 Timer IC	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 7, pp 110-113,2021,ISSN : 2393-8021	July 2021	NA
56	PAVAN PRASAD R MOHAMMED SADATH YASHAS R MAHADEVA G R	Peltier Enabled Dual Purpose Thermo-Electric Solar Refrigerator- A Survey	Journal of Applied Science and Computations, Vol.8, No.6, pp.1-5, 2021, ISSN : 0022-1945, 2021,		NA
57	ANOOP DEEKSHITH R JEEVAN R S GOWTHAM B DARSHANT T G	Development of Prosthetic Hand for the Disabled	International Advanced Research Journal in Science and Technology, Vol.8, No.5, pp.367-370,2021,Issn : 2393-8021,	May 2021	NA
58	ANITHA R BHAVANA .J G S SURABHI MADHU S	Implementation of Brain Actuated Application for Paralyzed People	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No 5, pp. 819-825, 2021, ISSN: 2393-8021	June 2021	NA
59	SAHANA M K SUSHMITHA B L VIDYA V YASHASWINI R	Literature review on Cloud based IoMT frame work for Automated Health Assessment and Management	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp 253-255,2021,ISSN : 2393-8021	May 2021	NA
60	NAGELI JAYA SAI NAIDU NAVEEN KUMAR BARUGUPALLY PRAJWAL SIMHA TEJAS K	Literature Review on Detection of Keratoconus Using Image Processing and Machine Learning	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp 825-829,2021,ISSN : 2393-8021	June 2021	NA
61	NAGELI JAYA SAI NAIDU NAVEEN KUMAR BARUGUPALLY PRAJWAL SIMHA TEJAS K	Detection of Keratoconus Using Image Processing and Machine Learning	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp 783-791,2021,ISSN : 2393-8021	June 2021	NA

62	NAGANETRA M ROHINI D VAIBHAVI SREENIVASA VAISHNAVI KATTI	A Review on Alcohol and Drowsiness detection for a four wheeler	Journal of Applied Science and Computations, Vol 08, No:05, pp :151-155, 2021, ISSN: 0022-1945	May 2021	NA
63	BHAVANA B S CHETHANA K S MAMATHA K S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 04, pp: 362 - 364,2021, e-ISSN: 2393-8021	April 2021	NA
64	H G SRINIDHI ABHISHEK K V ANUSHRI V K BHOOMIKA P K	IR Underwater wireless Communication	International Research Journal in Science, Engineering and Technology, Vol,8, No. 4, 2021, ISSN: 2395-0056	April 2021	NA
65	ASIYA FATHIMA N DEVIYANI G KAMNOOR SUSHMA	Smart Water Metering System	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 407-409, 2021, ISSN: 2393-8021	May 2021	NA
66	DHAKSHITH N K LAKSHAN N S MANOJ E MANOJ KUMAR	Detection of Diabetic Retinopathy Using Artificial Intelligence	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 779-782, 2021, ISSN: 2393-8021	June 2021	NA
67	ANUPAM M L CHETHAN D R GOPINATH H C MAHADEVA G	Home Automation using Smart Mirror	International Journal of Scientific Research in Engineering and Management, Vol.5, No.7, pp. 1-7, 2021, ISSN: 2582-3930	July 2021	NA
68	ANUPAM M L CHETHAN D R GOPINATH H C MAHADEVA G	Home Automation using Smart Mirror and Firebase Cloud	International Journal of Advance in Engineering and Management, Vol.3, No.6, pp. 262-264, 2021, ISSN: 2395-5252	June 2021	NA
69	MONISHA A PENUJURI NAGA SAI SNEHITHA RAMYA R	Smart Manhole Toxic Gas Identification and Alerting System Review	International Advanced Research Journal in Science , Engineering and Technology, Vol.8, No.2, pp.122-124, 2021, ISSN : 2393-8021	February 2021	NA
70	SANDEEP KUMAR.M SYED WAQUR KASHIF RAJESH C S A YESHWANTH	Literature review on Clock optimization for High speed synchronous Circuits	International Advanced Research Journal In Science, Engineering and Technology, Vol8, No.6, pp.737-740, 2021, ISSN : 2393-8021	June 2021	NA

71	AKKSHAY U L B D SHREENIDHI SRINIVAS M RANJITH	Solar Based Smart Grass Cutter	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No. 7, pp 219-221, 2021, ISSN : 2393-8021	July 2021	NA
72	SHIVANI K SHRAVYA SAACHARYA VAISHNAVIS	Literature Review on Personalized Asthma Prediction by Early Detection	Journal of Applied Science and Computations , Vol 8, No. 6, pp 27- 31, 2021, ISSN : 0022-1945	June 2021	NA
73	SHARATH KUMAR R YATHISH S DHANAJAYA RENUKAPRASA D M R SUBRAMANI GAJANAN MOGER	Implementation of IOT Based Cloud Integrated Smart Classroom and Sustainable Campus	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No. 6, pp 285-288, 2021, ISSN : 2393-1588	April 2021	NA
74	KRITHIKA P M SIRISHA SRIVIDYA V R SUSHMITHA K N	Vacuum Based Wiping System for Pollen and Dust Free Surfaces – In a Case Study With Black Board	International Journal of Engineering Applied Sciences and Technologies, Vol.5, No.12, pp. 231-232, 2021, ISSN: 2455-2143	-	NA
75	SUJAY R SOMASHEKAR M	Survey on Sign language to text and Speech Conversion using Machine Learning Model	International Journal of Research Publication and Reviews, Vol 2, No. 7, pp 1832 - 1833, 2021, ISSN : 2394 - 7421	-	NA
76	SOWJANYA K N NIKHIL JAMADAGNI H M K UNNIMAYA BHAVANA G	Automatic Movable Smart Road Divider Using IOT	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No. 7, pp 324-329, 2021, ISSN : 2394-1588	July 2021	NA
77	PRAKRUTHI H POOJA S SHEETAL N GOWDA	Home Automation with Adriano Uno	International Advanced Research, Ideas and Innovations in Technology, Vol 7, No. 4, pp 937-939, 2021, ISSN : 2454 – 132X	2021	NA
78	SHIVA SHANKAR SHREYAS D R	Temperature and Movement Sensed Automatic Door Opening System	International Journal of Advance Research Publication and Reviews, Vol 2, No.7, pp:1784- 1786, 2021, ISSN: 2582- 7421,	2021	NA
79	RITHVIK P S MANOJ	Non-Contact Gesture Controlled Elevator	International Journal of Advance Research Publication and Reviews, Vol , No., pp:1 - 4, 2021, ISSN: 2582-7421	2021	NA

80	RAM BAHADUR MAHARAJ RASETTY SANDEEP	Self-Orienting Solar Panel	International Journal of Research Publication and Reviews, Vol , No., pp:1 - 4, 2021, ISSN: 2582-7421,	2021	NA
81	MEGHA R NAGA OMKAR	Gas Leakage Detector	International Journal of Research Publication and Reviews, Vol.02, No. 07, pp: 1633-1635,2021, e-ISSN: 2582-7421,	2021	NA
82	ANANYA ANANTH ASHRITHA S C	Bluetooth Based Obstacle Avoiding Robot	International Advanced Research Journal in Science Engineering and Technology, Vol 8,No. x, pp 1 - 6,2021, ISSN : 2393-8021	2021	NA
83	THANUSHREE D VAISHNAVI G	Air Quality Detection using Embedded Systems	International Journal of Advanced Research in Computer and Communication Engineering, Vol.10, No. 07, pp: 231 – 234,2021, e-ISSN: 2278 – 1021	July 2021	NA
84	DEEPTHI ANDANI DHANUSHREE C	Smart Car Parking System	International Advanced Research Journal in Science Engineering and Technology, Vol 8,No. 7, pp 158 - 160, 2021, ISSN : 2393-8021	July 2021	NA
85	PRUTHIVI DINESH VARSHA M S	Watermarking for Tamper detection of Medical Images	International Research Journal of Engineering and Technology, Vol 8,No. 5, pp 1 – 6, 2021, ISSN : 2395 – 0056	May 2021	NA
86	S RAHUL RAJATH S BHUSHAN	Voice Controlled Elevator	International Journal of Advance Research Publication and Reviews, Vol 2, No.7, pp: , 2021, ISSN: 2582-7421,	2021	NA
87	MONISHA B R NIHARIKA S A	Automatic Waste Segregator System	International Journal of Research Publication and Reviews, Vol.01, No. 07, pp: 1795 -1802,2021, e-ISSN: 2582-7421,	2021	NA
88	PURUSHOTHA M V R SHREYA V DEV	Single Axis Sun Tracking Solar Panel	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1623-1625, 2021, ISSN : 2582 – 7421	2021	NA
89	RAGHU B T RAJ KRISHNA	Design and Construction of a simple and Cost Effective Frequency Modulated Transmitter of the Range 100 Metres	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1654 – 1657, 2021, ISSN : 2582 – 7421	2021	NA

90	S TUSHAR HARINATH RAGHAVENDR A K	Arduino Based Autonomous Fire Fighting Robot	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1547 – 1550, 2021, ISSN : 2582 – 7421	2021	NA
91	ADITHI S AYEESHA RUMAN	Terminal Chat Client Using MQTT	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 107 -109, 2021, ISSN: 2393-8021	July 2021	NA
92	MAHANTH SAI M MANOJ G S	Reverse Parking Sensor	International Advanced Research Journal in Science, Engineering and Technology, Vol, 8, No. 7, pp : 94 – 96, 2021, ISSN: 2393-8021,	July 2021	NA
93	ABHISHEK V AKASH R	Automatic Plant Watering System Using Arduino	International Journal of Innovative Research in Technology, Vol,8, No. 3, 2021, ISSN: 2349-6002	August 2021	NA
94	CHITHRITHA G R DARSHAN V	Rain Detector With Alarm	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 86-89,2021, e- ISSN: 2393-8021	July 2021	NA
95	SUDHEER B THANUSH R S	Smart Electricity Meter	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1559-1562, 2021, ISSN: 2582-7421,	2021	NA
96	AKASH CHANDRAPPA GURUVANNA V PUNEETH M	Short Range Radar System	International Journal of Research Publication and Reviews, Vol.2, No.7, pp.1726-1730, 2021, ISSN: 2582-7421	-	NA
97	N.S.V JASHWANTH NAMITH R	Smart Bluetooth Lock	International Journal of Research Publication and Reviews , Vol 2, No. 7, pp. 1834-1838,2021,ISSN : 2582-7421	2021	NA
98	DHEERAJ M S DINESH KUMAR NAYAK	Automatic Room Lights Controller with Visitor Counter	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 86-89,2021, e- ISSN: 2393-8021,	July 2021	NA
99	KARTHIK B P KRISHNA PRASAD B	Voice Controlled Robot Vehicle	International Journal of Research publication and Reviews Vol 2, No. 7, pp:1601-1603, 2021, ISSN: 2582-7421,	2021	NA

100	VASANTH PAI M HEMANTHA V	Smart Sensing Bin	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1839-1842, 2021, ISSN: 2582-7421,	2021	NA
101	DARSHAN S CHINNAPU CHARAN TEJA REDDY	Line Follower and Obstacle avoider Robot	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 183 – 184,2021, e-ISSN: 2393-8021	July 2021	NA
102	SHREYAS C VAKKALAGAD DA ANIL	Alcohol Detection using Arduino with Motor Locking	International Journal of Research Publication and Reviews Vol 2, No. 7, pp ,2021,ISSN : 2582-7421	2021	NA
103	ANAGHA S C A SUSHMA	Smart Street Light	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 132-134, 2021, ISSN: 2393-8021	July 2021	NA
104	JISHNU S DIWAKAR BABU	Human Following Robot	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp:258-259,2021, e-ISSN: 2393-8021	July 2021	NA
105	G J NITHIN HARSH SHARMA	Smart Energy Meter	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 179 - 183, 2021, e-ISSN: 2393-8021	July 2021	NA
106	DHRITHI RAJANNA GANESH P GOKUL G	IOT Based Home Automation and Security	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 908 - 910, 2021, e-ISSN: 2393-8021	June 2021	NA
107	C M CHAITHANYA VARDHAN CHANDAN Y C	IR Wireless Communication System Through Water	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 127 - 130, 2021, e-ISSN: 2393-8021	July 2021	NA
108	VISHAL. MADHUSUDAN VINAY K	Android Smart City Traveller	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 866 -869, 2021, e-ISSN: 2393-8021	June 2021	NA

109	K RISHIKA RAVI KOMALA K V	Hand Motion Controlled Robotic ARM	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 255 -257, 2021, e- ISSN: 2393-8021	July 2021	NA
110	VISHWAS P VINAY S	Smart Irrigation System	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 113 -117, 2021, e- ISSN: 2393-8021	July 2021	NA
111	VARSHINI B M SUSHMA A V	Smart Crop Protection using Arduino	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 213 - 218, 2021, e- ISSN: 2393-8021	July 2021	NA
112	PAVAN KUMAR NISHANTH J RAO	Heart Beat Sensor using Arduino UNO	International Journal of Research Publication and Reviews, Vol.2, No. 8, pp. 21-23, 2021, ISSN: 2582- 7421,	2021	NA
113	SHAMANTH RAJ D N HARSHITHA B VANITHA C CHANDU P J	IOT Based Plant Disease Detection	International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No 7, pp : 289-292, 2021, ISSN: 2393-8021	July 2021	NA
114	NAVEEN G RAGHOTHAM C	Design and Construction of Smart Sanitizer Dispenser	International Journal of Research Publication and Reviews , Vol 10, No. 7, pp. 183-185,2021,ISSN : 2319-8656	June 2021	NA
115	ANUSHREE M ARPITHA N K SHREYA PALLAVIS	Smart Syringe Pump for Telemedicine and Health Care	International Journal of Research Publication and Reviews , Vol 10, No. 7, pp. 183-185,2021,ISSN : 2319-8656	June 2021	NA
116	VIJAY BABU K VIVEK GOWDA J	Smart Garbage Monitoring System	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 185 -189, 2021, e- ISSN: 2395-8021	July 2021	NA
117	CHARAN SAI Y PURUSHOTHA MA V SHIVDATT B SOMASHEKAR	A Survey on Ultra violet sterilization Robot for Disinfection	International Research Journal of Engineering and Technology, Vol.08, No. 05, pp: 1 – 3, 2021, e-ISSN: 2395-0056	May 2021	NA

118	JYOTSNA B UPADHYE KARISHMA M	Smart Notice Board	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 185 -189, 2021, e-ISSN: 2395-8021	July 2021	NA
119	SOWJANYA K N NIKHIL JAMADAGNI K UNNIMAYA BHAVANA G	Automatic Movable Smart Road Divider Using IOT	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 324 -329, 2021, e-ISSN: 2393-8021	July 2021	NA
120	SHARATH KUMAR R YATISH S DHANAJAYA RENUKAPRASA D M R SUBRAMANI GAJANANA MOGER	Implementation of IOT Based Cloud Integrated Smart Classroom and Sustainable Campus	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 285-288, 2021, ISSN: 2393-8021	July 2021	NA
121	VARSHINI B M SUSHMA.A.V	Smart Crop Protection Using Arduino	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 213-217, 2021, ISSN: 2393-8021	July 2021	NA
122	VISHVAS.P VINAY.S	Smart Irrigation System	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 255-257, 2021, ISSN: 2393-8021	July 2021	NA
123	ANANYA ANANTH ASHTITHA S C	Bluetooth Based Obstacle Avoiding Robot	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. x, pp: 1 - 6, 2021, ISSN: 2393-8021	2021	NA
124	PARIKSHITH S P SAI GOVARDHAN	Li – Fi based Text Transmission	International Advanced Research Publication and Reviews, Vol.02, No.7, pp: 1662 -1665, 2021, ISSN: 2582-7451	2021	NA
125	ABIJITH SUDHIR AMOGHAVARS HA N.D DEVALE SUDARSHAN VINAYAK BAJANTRI	Entire Body Postural Analysis Assessment Device for Computer Operators	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 5, pp: 364- 366, 2021, ISSN: 2393-8021	May 2021	NA

126	SOWJANYA K N NIKHIL JAMADAGNI H M K UNNIMAYA BHAVANA G	Automatic Movable Smart Road Divider Using IOT	International Advanced Research Journal in Science, Engineering and Technology, Vol.1, No 8, pp. 1-4, 2021, ISSN: 2393-8021	July 2020	NA
127	CHARAN SAI Y PURUSHOTHA MA V SHIVDATT B SOMASHEKAR S	Implementation of Ultra-Violet Sterilization Robot for Disinfection	International Journal for Research in Applied Science & Engineering Technology, Vol.8, No 8, pp. 411 – 412, 2021, ISSN: 2391-9653	July 2021	NA
128	CHARAN SAI Y PURUSHOTHA MA V SHIVDATT B SOMASHEKAR S	A Survey on Ultra-violet Sterilization Robot for Disinfection	International Research Journal of Engineering and Technology, Vol.8, No 5, pp. 1 -5, 2021, ISSN: 2395-0056	May 2021	NA
129	ANOOP DEEKSHITH R JEEVAN R S GOWTHAM B DARSHAN.T	Implementation and Development of Prosthetic Hand for the Disabled	International Advanced Research Journal in Science ,Engineering and Technology, Vol.8, No.5, pp.412 – 417,2021,ISSN : 2393-8021	July 2021	NA
130	LAVANYA M MEGHANA GOWDA V	Automated Railway Level Crossing using Arduino	International Journal of Research Publication and Reviews, Vol.2, No.8, pp.52-56, 2021, ISSN : 2582 -7421	2021	NA
131	AKHILA V AISHWARYA BANDIGANI	LPG Gas Leakage Detector	International Advanced Research Journal in Science ,Engineering and Technology, Vol.8, No.7, pp.190 - 192, 2021, ISSN : 2393-8021	July 2021	NA
132	SHASHANK H K SHRIKANTH C K	Social Distance Remainder	International Journal of Research Publication and Reviews, Vol.2, No.8, pp.982 – 983, 2021, ISSN : 2582 -7421		NA
133	RITU PATIL VISHAL GOUTHAM N	Detection of Piracy : Approaches and Challenges	2 nd International Conference on Adaptive Computational Intelligence, (ICACI-2020), GSSS Institute of Engineering and Technology for Women, Mysuru, 15 th – 16 th Dec 2020	15-16 Decem ber 2020	GSSS Institute of Engineeri ng, Mysore
134	PRATHIKSHA P	Automation of Anomaly Detection in Warehouses: A Machine Learning-Based Approach	3 – Day International Conference (Online) on Science, Dec 7th - 9th Dec 2020,	7-9 th Decem ber 2020	Online presentati on

CAYm1 2019-2020

Table 2.2.3-nPaper presented during the Academic Year 2019-2020

Sl. No	Name of the students	Paper Name	Paper Submitted	Date	Paper Presented
1	SUPRIYA V MONISHA A SNEHITHA PRATIMA P AGNIHOTRI	MODERN DAY WASHING MACHINE	International Journal of Research in Engineering Science and Management, Volume-2, Issue-11 Nov 2019, ISSN(Online) : 2581-5792	2019	NA
2	M NAGANETRA R RAMYA D ROHINI	Pulse Width Modulation	International Journal of Research in Engineering Science and Management, Volume-2, Issue-12 Dec 2019, ISSN(Online) : 2581-5792	2019	NA
3	SHRINIDHI N SHYLESH RAJ T SKANDA N	Gyro-Assisted Multi Terrain Rover	International Journal of Electronics Engineering, Volume-11, Issue-2 , June 2019- Dec 2019, pp. 493-498	2019	NA
4	MAGHASHREE V NAMRATHA GANESH NAMARATHA GOPAL	Village 3.0	Journal of Applied Science and Computation, Volume-11, Issue X11 Dec 2019, ISSN NO : 1076-5131	2019	NA
5	BHOOMIKA P M SONIKA V SUMA B S VISMITHA S S	Segregation of Waste – A Survey	International Research Journal of Engineering and Technology(IRJET), Volume - 07, Issue-2, pp: 384 -386 Feb 2020, Impact Factor Value 7.34, ISO 9001:2008, e-ISSN : 2395-0056, p-ISSN : 2395-0072	2020	NA
6	RASHMI S RAMYA M S HARITHA K	Bit Interleaves for Flexible Modulation Scheme	Journal of applied sciences and computations (JASC). Volume VII, Issue I, January 2020, ISSN NO : 1076-5131	2020	NA
7	DIVYA LAKSHMI G DEEPA R KOMAL KHANDELWAL LAKSHMI	A Survey on various Methodologies used to Detect Gas leakage and Automatic booking system	International Research Journal of Engineering and Technology(IRJET), Volume - 07, Issue-2, Feb 2020, Impact Factor Value 7.34, ISO	2020	NA

	PRIYA		9001:2008,pp 1478-1479 e-ISSN : 2395-0056, p-ISSN : 2395-0072		
8	RAVI NANDAN LOKESH S NIKITA BALAPPA NARASANNAVAR PRATYUSHA	Swarm Robotics for Agriculture	International Research Journal of Engineering and Technology (IRJET), Volume - 07, Issue-2, Feb 2020, Impact Factor Value 7.34, ISO 9001:2008, e-ISSN : 2395-0056, p-ISSN : 2395-0072	2020	NA
9	AALIYA ZAINAB NEHA J KOTWAL ANUSHA RAJ D	A Survey on Detection of ventricular Fibrillation using Wavelet Analysis	International Research Journal of Engineering and Technology, vol.07, Issue: 06 June 2020, Impact Factor value : 7.59, e-ISSN : 2395-0056, P-ISSN:2395-0072	2020	NA
10	LIKHITHA Y BRUNDA S DEEPIKA L S BABY RAM	A Survey on Automation of Manually operated Devices	International Research Journal of Engineering and echnology, vol.07, Issue: 02 Feb 2020, Impact Factor value : 7.34. e-ISSN : 2395-0056, P-ISSN:2395-0072, Page no 1298 - 1300	2020	NA
11	NEHA N.V SADHVIKA CHANDRA R	Design of Portable classroom Attendance system and parking lot system including the database updating process based on Arduino and Fingerprint Biometry	Journal of Applied Sciences and Computations, Vol. 07, Issue III, March 2020, pp. 12 16,ISSN: 1076-5131	2020	NA
12	HARSHINI B S MEENAKSHI ARPITHA C V CHANDRAKAL A	Applications and Research Challenges of Underwater Communication Devices-A Review	SSRG (International Journal of Electronics and Communication Engineering (SSRG-IJECE)-Vol 7 Issue – 2, pp-1- 2,ISSN : 2348-8549, Feb 2020 , pp-1- 2	2020	NA
13	SAHANA D MADHU G SAHANA K G	Implementation of an Off-Hospital Rural and Urban Public Access Defibrillator	Perspectives in Communication, Embedded-Systems and Signal-Processing(PiCES)-An Internal Journal ISSN:2566-932X	2020	NA
14	AYUSHA RAJ RAHUL KUMAR	Operation Theatre Automation and control (OTAC)	International Research Journal of Engineering and Technology, Vol.07, Issue : 06 June 2020,pp:	2020	NA

			1244 - 1248 Impact factor value : 7.529, e-ISSN : 2395-0056, p-ISSN:2395-0072		
15	SHREYA SRINIVAS SARAH AHMED SAURAV KUMAR SPURTHI M K	Survey Paper On Power Generation Using Piezo Electric Material	International Research Journal of Engineering and Technology, Vol.07, Issue : 05 May 2020,pp: 5137 - 5141, Impact factor value : 7.529, e-ISSN : 2395-0056, p-ISSN:2395-0072	2020	NA
16	DEEMANTH K P MAHAMMED WALEED BHARATH R	A Literature survey on "Density based traffic signal system using load cells and IR Sensors	International Research Journal of Modernization in Engineering Technology and Science, , Vol.02, Issue : 06 June 2020,pp: 1095 - 1097, Impact factor value : 7.529, e-ISSN : 2582-5208	2020	NA
17	BHOOMIKA P M, SONIKA V SUMA B.S, VISMITHA S S	Segregation of Waste –A Survey	International Research Journal of Engineering and Technology(IRJET) Volume : 07 Issue 02 Feb 2020 e-ISSN:2395-0056 p-ISSN:2395-0072 Impact factor value 7.34	2020	NA
18	ASHWINI S BHAGYA SHREE S.J JEEVITHA KALAASHILPA N C KADRI SRINIDHI RA	Rakshak – A Bore Well Rescue Bot	International Journal for research in Engineering Applications & Management, June 2020, Vol-06, Issue 03, ISSN: 2454-9150, Doi : 10.35291/2454-9150.2020.0440	2020	NA
19	PRIYA S VARSHINI K S VIDHYA K S VIDYA B	Automatic Ration Distribution	Journal of Applied Science and Computations, Vol.07, Issue 5, May 2020, pp : 54-58, ISSN: 1076-5131	2020	NA
20	BHOOMIKA P M SONIKA V SUMA B.S VISMITHA S	Automatic Segregation of Waste Using Robotic Arm	International Research journal of Engineering and Technology, Vol.07, Issue: 07, July 2020, e-ISSN:2395-0056 p-ISSN:2395-0072 Impact factor value 7.529,ISO 9001:2008 certified journal	2020	NA

21	ABHISHEK A NANDYAL ADITHYA D M KARTHIK K MANIKANTAN G	Unmanned Underwater Vehicle for Monitoring Aquatic Ecosystem	International journal of Engineering Applied Sciences and Technology, 2020, Vol.4, issue 11, ISSN: 2455- 2143, pp: 493-497	2020	NA
22	KADRI SRINIDHI RAO JEEVITHA KALAASHILPA N C BHAGYA SHREE S J ASHWINI S	Literature Survey on A Bore Well Rescue Bot	International Journal of Latest Engineering and Management Research, 2020, Vol 05, Issue 05 . pp : 5-8, ISSN: 2455- 4847	2020	NA
23	ABHISHEK A NANDYAL ADITHYA D M KARTHIK K MANIKANTAN G	A Literature Survey on Unmanned Underwater Vehicle for Monitoring Aquatic Ecosystem	International Journal of Engineering Applied Sciences and Technology, 2020 Vol 5, Issue no 2, pp: 599-601, ISSN : 2455-2143	2020	NA
24	RASHMI S RAMYA M.S HARITHA K	Implementation of Bit Interleaves used in Flexible Modulation Scheme	International Research Journal of Engineering and Technology(IRJET) Vol.07, Issue. 07, July 2020, pp-3942-3947, e- ISSN:2395-0056, p- ISSN:2395-0072, Impact Factor: 7.529	2020	NA
25	T G NITHYA SHEETHAL J RAO RAVI TEJA M SACHINE M G	Medicines Any Time	International Research Journal of Engineering and Technology, Vol.07, Issue. 07, Feb 2020, pp- 2510-2513, e- ISSN:2395-0056, p- ISSN:2395-0072, Impact Factor: 7.529	2020	NA
26	MAGHASHREE V NAMRATHA GANESH NAMRATHA GOPAL	Smart Village	SSRG International Journal of Electronics and Communication Engineering(SSRG- IJECE), Vol 7, Issue 7, July 2020, pp:4-13, ISSN: 2348-8549	2020	NA
27	SHRAYAS K V KRISHNA D SANANDA RAO K S SUHAS M V	Multi account embedded ATM card with Fingerprint recognition	Journal of Applied Science and Computations, Vol 7 , Issue IV, April 2020, pp:188-190, ISSN : 1076-5131	2020	NA
28	ARIRUDH K N SUDHANSHU S SHARMA VIVEK	Unified Meter For Electricity, Gas and Water with Automatic Billing and Payment	International Research Journal of Engineering and Technology(IRJET), Vol. 07, Issue.05 May	2020	NA

			2020, pp. 3755-3757, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor: 7.529		
29	VINOD KUMAR P HARSHITH K	Electricity Generation at Speed Breakers	International Journal of Scientific Research and Engineering Trends Vol 6, Issue 3, May-June 2020, pp:1-5, ISSN(Online) : 2566-932X	2020	NA
30	VASUDEV UPDHAY K S VIGNESH KUMAR V TEJAS P PRAVEEN TULASIDAS NAIK	A Literature Survey on Miniature Water Purifier Based On IOT	International Journal of Engineering Applied Sciences and Technologies, Vol. 05, Issue.03 July 2020, pp. 228-230, ISSN: 2455-2143,	2020	NA
31	NANDAN GOWDA S H JAYAM HARESH THARUN ASHIK B N DEEPAK LAMANI	Smart Voting System using Face Recognition	International Research Journal of Engineering and Technology,(IRJET), Vol 07, Issue : 06, June 2020, pp: 311-314, e-ISSN:2345-0056,p-ISSN: 2345-0072, Impact Factor: 7.529	2020	NA
32	CHARAN A DARSHAN D MADHU N MANJUNATHA B S	A Literature Survey on Detection of Anomalous Behaviour in Examination Hall	International Journal of Engineering Applied Sciences and Technology, 20, Vol.05, Issue 2, 2020,pp- 583 – 588, ISSN : 2455-2143,	2020	NA
33	P HEMANTH CHOWDARY ASHOK KUMAR PRABHAVATHI K TEJASWINI B	Smart Electricity Monitoring for Home Appliances	International Research Journal of Engineering and Technology, Vol.07, Issue : 06, July 2020, pp- 1244-1249,2020,e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor: 7.529	2020	NA
34	SONIA STANLEY LOUIS D S HEMALATHA MEGHANA J S SARASWATHI	Citrus Fruit Classification	International Journal of Research in Engineering, Science and Management, Vol. 03, Issue-7, July-2020 2020, pp. 330-332, ISSN(Online): 2581-5782	2020	NA

35	T G NITHYA SHEETHAL J RAO RAVI TEJA M SACHIN M G	Medicines Any Time	Journal of Applied Science and Computations, Vol.07, Issue. 05,May 2020, pp-50-53, e-ISSN:2395-0056, ISSN:1076-5131	2020	NA
36	SAHANA D SAHANA K G MADHU G	Implementation of off-Hospital Rural and Urban Public Access Defibrillator	International Research Journal of Engineering and Technology(IRJET),Vol. 07, Issue: 02 Feb 2020,pp.1 -6 Impact Factor value : 7.23-53, p-ISSN:2395-0072,	2020	NA
37	DEEMANTH K P MAHAMMED WALEED BHARATH R	A Literature Survey on Density Based Traffic Signal System Using Load cells and IR Sensors	International Journal of Modernization in Engineering Technology and Science, Vol. 02, Issue-6, July-2020, pp. 1095-1097, e-ISSN:2582-5208	2020	NA
38	S SWETHA CHANDANA R SHREYASHWI NI V	Enhanced Refrigerator with quality and quantity Monitoring(ERQQM)	International Journal of Engineering Applied Sciences and Technology , Vol 4, Issue 11, March 2020, pp.128-130, ISSN :2455-2143,	2020	NA
39	SHIVANI K SRIVIDYA V R SUSHMITHA K N	FFT Computation for Butterfly Unit using verilog HDL	Global Research and Development Journal for Engineering, Vol 5, Issue 3, Feb 2020,pp:17-20 ISSN:2455-5703	2020	NA
40	PRATIMA V KASHYAP NAVYA S	Comparative Study of Multipliers	Studies in Indian place Names UGC Care Journal, Vol 40, Issue70, Mar 2020 ,pp:3487-3482, ISSN:2394-3114	2020	NA
41	NAVIN KUMAR H G PRUTHVIRAJ N SURYA N	Implementation of Low, High and Band Pass Filters using Verilog HDL	International Journal of Innovative Technology and Exploring Engineering(IJITEE),, Vol 9 Issue 02, pp:5178-5182 Dec 2019, ISSN:2278-3075	2020	NA
42	ROHINI D	Automatic Railway Gate Control Alerts via SMS	Perspectives in Communication, Embedded- systems and Signal- Processing (PiCES), ISSN:2566-932X	2020	NA

43	M SURYA NAMITA L RAO PRATHAM KUMAR D	Ultrasonic Bird Repeller for Aviation	International Research Journal of Engineering Applied Sciences and Technology, Vol.05, Issue : 1,(online) May 2020, pp-163-166, ISSN:2455-2143	2020	NA
44	M SURYA NAMITA L RAO PRATHAM KUMAR D	On-Board Aircraft Ultrasonic Bird Repeller	International Journal of Engineering Applied Sciences and Technology , Vol.05, Issue 3, 2020,pp- 208-224, ISSN:2455-2143	2020	NA
45	M.SIRISHA ANITHA R KRITHIK P	Design and Implementation of Reversible Computational Circuits by creating libraries of basic gates using Verilog HDL	ICEECCOT 2019, 4 TH INTERNATIONAL CONFERENCE on electrical, electronics, communication, computer technologies and optimization techniques, 978-1-7281-3261-7/19, 2019 IEEE	13 th and 14 th December 2019	NA
46	G S SURABHI MADHU S BHAVANA J	Design and Implementation of 256*256 Booth ,Multipliers and its Application	ICEECCOT 2019, 4 TH INTERNATIONAL CONFERENCE on electrical, electronics, communication, computer technologies and optimization techniques, 978-1-7281-3261-7/19, 2019 IEEE	13 th and 14 th December 2019	NA
47	SAHANA V RACHANA S RITU PATIL	Design and Delay Analysis of Various 256-Bit adders using Verilog	ICEECCOT 2019, 4 TH INTERNATIONAL CONFERENCE on electrical, electronics, communication, computer technologies and optimization techniques, 978-1-7281-3261-7/19, 2019 IEEE	13 th and 14 th December 2019	NA

CAYm2 2018-2019**Table 2.2.3- o Paper presented during the Academic Year 2018-2019**

Sl. No	Name of the students	Paper Name	Paper Submitted	Date	Paper Presented
1	PRAGNA B R POOJARY PRAVEEN.M PUNITH N SAI PRANAV	Women safety devices and applications	International journal of engineering research and technology	Jul 1st 2018	NA

2	MAYANKA GUPTA ANUSHA A MURTHY KAVYA N	Study and simulation of digital multipliers using 180nm technology	International conference on Applied engineering sciences and management	Oct 12 th & 13 th 2018	KSSEM, Bangalore
3	SNEHA P K RABICHITH SRI NITYA S	Crowd density estimation using Image processing A Survey	International Journal of Applied engineering research	Nov 9 th 2018	NA
4	PRAGATHI MADHYASTHA RASHMI SRINIVASAN SANJANA S SANTHOSH K	Survey on Research Challenges and Applications of Unmanned Marine Robot	IJCRT	May 2019	NA
5	SUVIJITH S SKANDA H N SMITHA S KARANTH SWATHI K S	IOT Based Camouflage Army Robot	JASC	Mar,2019	NA
6	SANNIDHI R SHETTY SHANKAR RAM SHREYASWINI C SHWETHA SHREE C	Hand Gesture Recognition and Voice Conversion Systems For Physically Impaired People	JETIR	Apr, 2019	NA
7	MEGHANA K V HARSHITHA V MAHIMA PADMANABHA NAGESH N DIKSHIT	A Survey of Automatic and Manual Floor Cleaning Robot	JETIR	Apr, 2019	NA
8	KAVYA M CHAITRA B MEGHA V ALAKA	Advanced Driver Scrutiny System	IJRASET	Apr, 2019	NA
9	M SANJAY KARANTH BINDUKUMAR K T GURURAJ REDDY MANOJ K	Smart Ambulance with Patient Monitoring System-A Survey	JETIR	Apr, 2019	NA
10	PRAGNYA N PRUTHVI K NARAYAN GIRISH KUMAR PAVITHRA P	Smart Guide at Museum	JETIR	Apr, 2019	NA
11	PAVITHRA S P POOJA B KAVYA V ASHWINI A	A Survey on Raspberry PI Based Reader and Smart Assistance For Visually Impaired People	International Journal of Current Research	Apr, 2019	NA

12	MAYANKA GUPTA ANUSHA A MURTHY KAVYA N CHANDANA G	Recent Trends in Automotive Industry	IJRASET	Apr, 2019	NA
13	SANJANA P NADIG RAKSHITHA M S SUJAN G YATHISH S J	Smart Green House Monitoring System	JETIR	Apr, 2019	NA
14	POOJA M RAKSHITHA S SANAJANA S MANEY SHASHI O	Survey on Various Methodologies used for Conservation of Forest Trees	JETIR	Apr, 2019	NA
15	BHAMINI HARSHITH R MUNEEB NAGABHUSHANA NHAT	A Survey on Robotic applications in Surveillance and Rescue Aid	IJRASET	Apr, 2019	NA
16	ARPITHA N V ABHISHEK S AKSHAYA RAM CHETHAN N SHETTY	A Survey on Robotic applications in Surveillance and Rescue Aid	IJRASET	Apr, 2019	NA
17	ALEKHYA R ARCHANA K N DEEPASHREE R NANDA S	Smart Cargo Monitoring and Security System	JETIR	Apr, 2019	NA
18	ARJUN M KRISHNA DHRUTHI SRIDHAR HARSHITHA RAMESH MUKUL VENKATESH	Food Monitoring and Control System using IOT	IJRASET	Apr, 2019	NA
19	BHUMIKA R HARSHITHA G CHANDANA K MEGHASHREE R T	Automated Shopping Trolley for Billing System	IJRASET	Apr, 2019	NA
20	KISHORE BHAT U ANURAG REDDY ANKITA A HARSHA N	Survey-Watchdog For ATM	JASC	Apr, 2019	NA
21	PALLAVI T K RAMYA H N ROOPA N	A Survey on Electronic Valve with Quantitative Control and To Avoid Reserve Flow of Blood	JETIR	Apr, 2019	NA
22	POOJARY PRAVEEN MAHABALA PRAGNA B R PUNITH N SAI PRANAV	Forest Monitoring	JETIR	Apr, 2019	NA

23	PRAGNA B R SAI PRANAV PUNITH N	Ecology Monitoring	JETIR	Apr, 2019	NA
24	PAVAN S PATIL SANTHOSH KUMAR V UDAYKUMAR VISHWAS K K	Survey on Object Recognition Techniques Using Machine Learning	JETIR	Apr, 2019	NA
25	ALEKHYA R ARCHANA K N DEEPASHREE R NANDA S	Smart Electronic Security System For Cargo Containers	JETIR	May, 2019	NA
26	SKANDA H N SMITHA S KARANTH SUVIJITH S SWATHI K S	IOT Based Camouflage Army Robot	JASC	May, 2019	NA
27	MEGHANA K V HARSHITHA V MAHIMA PADMANABHA NAGESH N DIKSHIT	Automatic and Manual Floor Cleaning Robot	JETIR	May, 2019	NA
28	M SANJAY KARANTH BINDUKUMAR K T GURURAJ REDDY MANOJ K	Smart Ambulance with Patient Monitoring System	JETIR	May, 2019	NA
29	GIRISH H S GOWTHAM R HARSHA K N MANJUNATHA.B	Smart Voting System	IJRET	May, 2019	NA
30	UDAY CHWDHARY K ROHINI K VINOD KUMAR M SRI SAI CHARITHA	RFID Based Prepaid Energy Meter	JETIR	May, 2019	NA
31	HARISH REDDY YATHENDRA KUMAR MADHUCHANDAN MONISHA S	Hybrid Power Generation	JETIR	May, 2019	NA
32	MAYANKA GUPTA ANUSHA A MURTHY KAVYA N CHANDANA G	Artificial Intelligence Based Solar Vehicle	NCEC	May, 2019	National Conferenc e, DSCE, Bangalore
33	SAMEER SRIVATSA SANGAM SWADI SUBRAMANYA G U SUSHANTH	A Survey of Various Vehicle Detection Methodologies	JETIR	May,2 019	NA

	KORENNAVAR				
34	PRAGATHI MADHYASTHA RASHMI SRINIVASAN SANJANA S SANTHOSH K	Solar Powered Unmanned Marine Robot using Radar System	IJERT	May, 2019	NA
35	SUHAIL YOUSUF BHAT THANUSHA S V JAGDISH S NALLANI PRIYA	Continuous Ambulatory Peritoneal Dialysis (CAPD) Assistive Device	JETIR	May, 2019	NA
36	BHAMINI HARSHITH R MUNEEB NAGABHUSHANA NHAT	Biomorphic Hyper Redundant Robot For Disaster Surveillance	JETIR	May, 2019	NA
37	SHWETHA S P ANKITHA POOJA N RAO RATAN BHAGAT	Dustless Environment	JETIR	May, 2019	NA
38	NAGATEJA P NAMRATHA T R SUMANTH R	A Survey on Security Device For Women and Kids Safety	JETIR	May, 2019	NA
39	AJAYA KUMAR L CHARAN BABU DHANUSH K A DHANRAJ	Different Technologies Used For Sericulture Field: A Survey	JETIR	May, 2019	NA
40	SANNIDHI R SHETTY SHANKAR RAM SHREYASWINI C K SHWETHA SHREE C	Hand Gesture Recognition and Voice Conversion Systems For Physically Impaired People	JETIR	Jun, 2019	NA
41	POOJA M RAKSHITHA S SANAJANA S MANEY SHASHI O	Anti-Theft Alarm System For Forest Trees using WSN	JETIR	Jun, 2019	NA
42	KISHORE BHAT U ANURAG REDDY ANKITA A HARSHA N	Watchdog For ATM	JASC	Jun, 2019	NA
43	PAVAN S PATIL SANTHOSH KUMAR V UDAYKUMAR VISHWAS K K	Visual Object Recognition Using Tensor Flow	JETIR	Jun, 2019	NA

2.2.4. Initiatives related to industry interaction (15)

Institute Marks: 10

Initiatives taken by the department

- MOUs are signed between industries and institute for establishing Industry institute link
- Students will be encouraged to take up ongoing industry projects.
- Internships for the students are arranged.
- Industrial visits along with the faculty members are arranged to bridge the gap between theoretical concepts and practical applications
- Technical lecturers are organized with the help of industrial experts.
- Arranging seminars, symposiums, workshops and conferences in collaborations with industries.

A. Industry supported Laboratories/Projects:

Premier Industries and Institutes such as Bosch, KPTCL, ISRO, HAL etc. support our students to carry out their project work.

A sample project done in collaboration with KPTCL is listed below.

Table 2.2.4-a Industry supported Project

USN	Name of the students	Title of the project	Name Of Guide	Work Carried Out	POs/PSOs
1KS15EC010	Anusha A Murthy	Artificial Intelligence based Solar Vehicle	External Guide- Dr. Naganagowua Internal Guide Mr. Sampath Kumar	Karnataka Power Corporation Limited KPCL	PO1,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12
1KS15EC021	Chandana G				
KS15EC040	Kavya N				
1KS15EC050	Mayanka Gupta				

B. Industry involvement in program design and partial delivery of any regular courses for students:

MOU'S with Industries:

- MOUs are signed with the industries and premier institutions like Tequeued labs, ACT InfoTech Pvt. Ltd, Viswajyothi Technologies Pvt.Ltd, Tiny chips, Knowx Innovations Pvt. Ltd, s IIIT-Hyd.
- Technical events in collaboration with these industries are conducted to help students.
- Students benefit from activities like workshop, guest lectures, project related inputs during project exhibition while assessing the projects..

Table 2.2.4-b: List of MOUS and activities conducted under them

Sl No	Organization with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MoU year wise	Number of Students/Teachers participated under MoUs
1	KSIT	Indian Institute of Information and Technology, Hyderabad	2019	3 years	One month internship at IIIT, Hyd. during July 2019.	2 students (Pooja K and Prathiksha) 1 teacher from EC Dept. (Mr. Praven A)
2	KSIT	ATS info tech Pvt. Ltd, New Delhi	2019	3 years	Talk on Microsoft courses on 22nd Feb 2019 Workshop conducted on IOT, Robotics and CPMA related to Microsoft courses in the month of May 2019. MS certification exam was conducted on 21st September 2019 at KSIT.	57 from EC 36 from ME 30 from CSE
3	KSIT	Tequeued Labs	2018	3 years	Conduction of FDP's, workshops, training modules Technology foundation centres	Dept. of ECE
4	KSIT	LiveWire	2017	3 years	Providing Internships to students Entrepreneurial opportunities Consultancy opportunities	Dept. of ECE
5	KSIT	Viswajothi Technologies Private Limited, Bengaluru	2017	1 year	To establish a center of excellence ("COE") for executing industry projects at KSIT campus	Dept. of ECE

6	KSIT	Viswajothi Technologies Private Limited,Bengaluru	2016	1 year	To establish a center of excellence("COE") for executing industry projects at KSIT campus	Dept. of ECE
7	Incubation Center, KSIT Bangalore	Knowx Innovations ,Bengaluru	2016	3 years	<ul style="list-style-type: none"> • Opportunities for Industrial R&D • Exchange of knowledge and expertise to university community • Source of R&D funding • Consultancy opportunities for staff • Technology transfer through internship for students • Entrepreneurial opportunities • Curriculum development • Adjunct staff from industry 	Dept. of ECE
8	KSIT	Dept of Kannada and Culture ,Karnataka	2015	Compet ed	Converting Speech to Text and Text to Speech	One team from ECE dept.
9	KSIT	Tiny chip Embedded solution,Bengaluru	2014	3 years	opportunities for Industrial R&D	Dept. of ECE

Workshops and seminars organized with resources from industry

The department organizes workshops and seminars with resources from industry as part of Industry Institute interaction. These are listed below for the assessment period.

Table 2.2.4-c : Workshops and Seminars organized as a part of Industry institute interaction - 2020-21

SL . No .	Name of the Event	Date	Resource person	No Of Participants	Objectives of Event	PO's Mapped to
1	TALK ON INTERNSHIP OPPORTUNITIES	1st & 2nd July, 2020	Mr.Y.V.Prakash, Head of Technology Transfer and Products Lab, IIIT Hyderabad & Mr.Supreeth.Y.S , Director and CEO, TEQUED Labs	50	information about opportunities in Image Processing field.	PO11, PO10,PO9,PO12
2	TALK- INTERNSHIP ON DATA SCIENCE	3rd July	Mr.Niranjan Balaji,Managing director,Raspol Technologies Pvt Ltd.	50	Information about Oppurtunities in Data Science Field	PO11, PO10,PO9,PO12

3	INTRODUCTION TO ML AND FULL STACK DEVELOPMENT	8th July, 2020.	Mr. Rahul Kumar K – CEO, Inversa Technosoft, Mr. Ameer from Inversa Technosoft and Mr. Raghu K, Accenture	59 participants	Insight about Machine learning and Full stack development.	PO11, PO10,PO9
4	WEBINAR on“Cyber Security and Ethical Hacking”	11 th June 2021	Mr. Abhisek Mitra	80	To provide knowlege on cyber security and ethical hacking	PO11, PO10,PO9
5	Internet communication & networking	14 th june 2021	Mr. Akhil Mohan	85	To provide students and staff about the knowledge of what is internet and what role it plays in communications	PO1,PO3,PO5,PO11

Table 2.2.4-d: Workshops and Seminars organized as a part of Industry institute interaction - 2019-20

S L . N o.	Name of the Event	Date	Resource person	No Of Participants	Objectives of Event	PO's Mapped to
1	"Side Effects Of Mobile Phone And Wireless Radiations "	10th - 16th Aug 2019	The GarutAeromodeling Club and The IETE Students Forum	115	To create awareness to people in the neighborhood community about the side effects of excessive usage of mobile phones.	PO6,PO7,PO9
2	Networking & overview on Networking certification	23rd Aug 2019	Mr. Akhil Mohan, Flatfom Operation Engineer, Akamai Technology.	115	Networking &overview on Networking certification	PO1,PO5,PO6,PO8PO11
3	One-day workshop on “Robotics ”	30th Sep 2019	Avian Aerospace, Bangalore	43	To exposeparticipants tonew avenues of	PO3,PO5,PO6,PO11

4	A 2 days workshop on Image & Video Processing using Raspberry Pi	1st-2nd October 2019	Mr. Sagar HB, Application Engineer, Telos Technologies. Mr. Mahesh.B.S, Application Engineer, RS Components, Bangalore	48	To expose the Faculty/ Research Scholars/ Students to Python Language	PO3,PO5,P06,PO11
5	Industrial Vist to iCAT Media & Design	3rd Oct 2019	iCAT Media & Design	115	learnt the need for animations and today's scope over animation industry	PO3,PO5,P06,PO11
6	Technical Talk on Evolution of NANO Satellites	14th Oct 2019	Prof. K. Krishnaswamy , Project Director, NIU SAT	138	To give more information about cube satellites, IOT satellites.	PO3,PO5,P06,PO11
7	Technical Talk on 5G communications	30th January, 2020	Mr. Manivannan Aru, Managing Director, Kirusa India Pvt Ltd,	46	Insights on RCS (Rich Communication Service) which is the current evolution for SMS to MMS to RCS	PO1,PO6,P012
8	“ML and it's applications”	31st January, 2020	Mr. Subramanian C, of Intel crop.	45	Aspects like data explosion, data economy, value proposition, ML, DL, Autonomous machines and AI	PO1,PO6,P012
9	Webinar On How To Launch Your Own Startup	21st June , 2020	Mr.Raghav Naidu G is the CEO of G-MART and co-founder of Health Shotz	25	Idea of How to launch your own startup	PO5,PO6,P09,PO11,PO12
10	Introduction To Matlab And Simulink Products	22nd & 23rd June , 2020	CoreEL Technologies	32	Workshop covered areas of Image Processing using MATLAB, Artificial Intelligence Development using MATLAB and Model based design using Simulink	PO1,PO2.P03,PO5,PO6,PO11,PO12

Table 2.2.4-c: Workshops and Seminars organized as a part of Industry institute interaction - 2018-19

SL No.	Name of the Event	Date	Resource person	No of Participants	Objectives of Event	PO's Mapped to
1	Quadcopter Workshop	01st & 02nd Sep 18	Mr. Shankarsan, resource person from Skyfi Labs	50	To motivate students to learn aero models	PO9,PO10, PO11,PO12
2	Two Days Workshop on Matlab Signal Processing Applications	19th-20th Nov 2018	Mr. Pramod Kumar Naik, Senior Application Engineer, CoreEL Technologies, Bangalore,	100	To learn various tools in Mat lab	PO5,PO6,PO9,PO10 PO11,PO12
3	Project Exhibition	13th May 2019	Shrinivasan TinyChips Pvt Ltd.	124	Motivate and promote students to do different kinds of projects and showcase their talents	PO1PO2,PO3PO4,PO6,PO7,PO10,PO11,PO12
4	Motivational Talk	3rd Aug 2018	COL. Anshu Trivedi	120	To motivate the students to know about aeromodelling	PO6,PO7,PO9,PO10,PO11, PO12
5	ARTF (Almost Ready to Fly)	18th Aug 2018	Smt. Saraswathi, Deputy General Manager (ret.), Aircraft Design Division, HAL	120	To motivate the students to know about aeromodelling	PO6,PO7,PO9,PO10,PO11
6	Guest Lecture on Machine learning and deep learning applications	5th Oct 2018	Mr. Pramod Kumar Naik, Senior Application Engineer, CoreEL Technologies, Bangalore,	100	To motivate the students to know about AI and ML	PO10,PO11,PO12
7	Technical Seminar on "Artificial Intelligence and Machine Learning-Industry Trends"	20th Feb 2019	Abhilash Manu AI Automation Lead for Products- Industry Innovation Hub ACCENTURE	120	To Learn about AI and ML	PO5,PO11,PO12

C Impact analysis of Industry institute interaction & actions taken:

Workshops, seminars and other technical events organized with the help of resources from Industry helped students understand the Industry requirements and motivated them to tune their career in that direction.

2.2.5. Initiatives related to industry internship/summer training (15)

Institute Marks: 15

A. Industrial training/tours for students:**Initiatives & implementation**

- The department arranges industrial visits and other events related to industry interaction for students every semester.
- Students will be taken on industrial visits and product exhibitions to give exposure to the latest trends and technological advancements in industry,
- Encourages students to go for internships and summer training during vacations for full time. During semester vacation, students are allowed to go for Internship training. In this regard, the department approaches industries requesting them to provide opportunities for internship/summer training.
- Industrial visit, internship training reports will be submitted by the students.
- Collects the feedback from students on the initiatives taken by the department.

Table 2.2.5-a: List of Industrial visits

Sl No	Industry Visited	Date	Semester	No of Students	PO Mapping	Remark
1	NAL-CSIR, Old Airport Road, Bangalore	31/10/19	5	130	PO1, PO9, PO12	students and staff got an opportunity to practically see and learn the concepts and applications of the following: i. Acoustic chambers ii. UAV(unarmed Aerial Vehicle) iii. Wind Tunnels iv. Commercial aircrafts
2	iCAT Media & Design college, Bommanahalli,	3/10/19	7	86	PO1, PO9, PO12	Students got introduced to softwares used for the game and animation

	Bangalore					development, Got to know the career opportunities in the gaming, design and animation fields
3	NAL-CSIR	22/03/2019	6	47	PO1, PO9, PO12	Students understood the wind, acoustic Testing of satellites and planes. before launching them for use
4	NAL-CSIR	7/03/2019	6	58	PO1, PO9, PO12	Students understood the wind, acoustic Testing of satellites and planes. before launching them for use
5	Mrudani power controls	23/2/2019	4	110	PO1, PO9, PO12	Gained knowledge about control panels.
6	NAL-CSIR	26/09/2018	3	92	PO1, PO9, PO12	Students understood the wind, acoustic Testing of satellites and planes. before launching them for use
7	Electric vehicles Expo	22/09/2018	5	66	PO1, PO9, PO12	Exposed to latest technology used in Electric Vehicles
8	IISc open day	04/03/2017	4,6	200	PO1, PO9, PO12	Access to IISc, got to know the current products and hot research topics,
9	India International Innovation Fair-2016	11/09/2016	5	70	PO1, PO9, PO12	Students got new project ideas and awareness about latest products
10	ELECRAMA-2016 Exhibition	16/02/2016	4	134	PO1, PO9, PO12	Students had an exposure to electronics and electrical products based latest technology
11	All India Radio, RAJ BHAVAN ROAD Bangalore, 560001 080-22261243Bangalore	08/10/2015	5	115	PO1, PO9, PO12	Students could clarify their doubts related to Analog communication and DSP with regard to RF signal transmission.
12	HAL Heritage center, Old Airport Road, Bangalore	06/10/2015	3	130	PO1, PO9, PO12	Students were able to look at models of aircrafts, helicopters and get to know the detailed

						history of avionics development in India.
13	Tata Power Solar Ltd, Phase-2 Electronic City, Bangalore	1/4/2015	6	25	PO1, PO9, PO12	Students had interaction with Industrial supervisor and clarified all their doubts related to generation/deployment of solar power.
14	Indian Meteorological Centre, Bangalore	12/2/2014	6	60	PO1, PO9, PO12	Students observed the working of various sensors and antennas
15	The 8 th edition of EMMA (Electronics moulds machines automation) Expo India 2014 at BIEC	11/9/2014	3	143	PO12	Students interacted with international technology experts present at the exhibition
16	ELECTRONICA-2014 at BIEC	25/9/2014	5	118	PO12	Students interacted with international experts present at the exhibition

B. Internship/summer training of more than two weeks and post training assessment

- The students are encouraged for going to internship during the vacation. The internship will give an opportunity for the students to enhance their knowledge and also to understand the industry culture.
- The Department will make MOU's with the industries to provide opportunity for the students to undergo the internship during the semester vacation.
- The students will be given letters from the department and they can approach the industries for providing the internship
- The students will go to the Internship during the vacation and submit the report to the department.

The Internship covers all the PO's and PSO's except PO3 and PO11

PO3: Solving complex engineering problems

PO11: Project Management and Finance

CAYm1 2020-21 Internship Details

Table 2.2.5-b: Internship Details for academic year2020-21:

Sl. No	USN	Name of the Student	Organization
1	1KS18EC001	A N BHOO MIKA CHOWDARY	VIVARTTANA TECHNOLOGIES PVT LIMITED

2	1KS18EC002	ABHISHEK.V	TEQUED LABS
3	1KS18EC003	ADITHI.S	TEQUED LABS
4	1KS18EC005	AISHWARYA R	INDIAN TECH-KEYS
5	1KS18EC006	AKASH R	ELITE TECHNO GROUPS
6	1KS18EC007	AKHILA V	TECHNOLOGICS
7	1KS18EC008	ANAGHA S	TEQUED LABS PVT.LTD
8	1KS18EC009	ANANYA ANANTH	DRDO
9	1KS18EC010	ASHRITHA S C	TECHNOLOGICS
10	1KS18EC011	AYEESHA RUMAN	CONTRIVER
11	1KS18EC012	C A SUSHMA	TEQUED LABS PVT LTD
12	1KS18EC014	CHANDAN Y C	TEQUED LABS
13	1KS18EC015	CHARAN G	TEQUED LABS
14	1KS18EC016	CHINNAPU CHARAN TEJA REDDY	TEQUED LABS
15	1KS18EC017	CHITHRITHA G R	TEQUED LABS
16	1KS18EC018	DARSHAN V	TEQUED LABS
17	1KS18EC019	DARSHAN S	TEQUED LABS
18	1KS18EC020	DEEKSHA S N	TEQUED LABS PVT LTD
19	1KS18EC021	DEEPTHI ANDANI	TEQUED LABS
20	1KS18EC022	DHANUSHREE C	TEQUED LABS
21	1KS18EC023	DHEERAJ M S	KSIT
22	1KS18EC024	DHRITHIRHUTH RAJANNA	TEQUED LABS
23	1KS18EC025	DINESH KUMAR NAYAK	IIT KANPUR
24	1KS18EC026	DIVAKARBABU Y	TEQUED LABS
25	1KS18EC027	G.J.NITHIN	CONTRIVER
26	1KS18EC028	GANESH P	TEQUED LABS

27	1KS18EC030	HARSH SHARMA	BHARAT ELECTRONICS LIMITED (BEL)
28	1KS18EC031	HARSHITHA S	TEQUED LABS
29	1KS18EC032	JAHNAVI A P	KSIT
30	1KS18EC033	JANHAVI K P	CASDIC-DRDO
31	1KS18EC034	JHANAVI V	TATA ADVANCE SYSTEM
32	1KS18EC035	JISHNU S	TECHIENEST PVT LTD
33	1KS18EC036	JYOTSNA B UPADHYE	TECHNOLOGICS
34	1KS18EC037	K RISHIKA RAVI	BHARAT ELECTRONICS LIMITED
35	1KS18EC038	KARISHMA M	TECHNOLOGICS
36	1KS18EC039	KOMALA K V	VIVARTTANA TECHNOLOGIES
37	1KS18EC040	LAVANYA M	TEQUED LABS
38	1KS18EC041	M.NIHITHA YADAV	FOUSES
39	1KS18EC042	MAHANTH SAI M	FOUSES
40	1KS18EC043	MANOJ G S	TEQUED LABS
41	1KS18EC044	MEGHA R	VOLVO
42	1KS18EC045	MEGHANA B S	TEQUED LABS PVT LTD
43	1KS18EC046	MEGHANA GOWDA V	VI SOLUTIONS
44	1KS18EC047	MOHAMMED FAIZAN SHAFI	TECHIENEST PVT LTD
45	1KS18EC048	MONISHA B R	INVENTROM PRIVATE LIMITED - BOLT IOT
46	1KS18EC049	N S V JASHWANTH	VIVARTANA TECHNOLOGIES
47	1KS18EC050	NAGA OMKAR N	VIVARTTANA TECHNOLOGIES
48	1KS18EC051	NAGASHREE A	MPHASIS
49	1KS18EC052	NAMITH R	CONTRIVER
50	1KS18EC053	NAVYA M S	CONTRIVER

51	1KS18EC054	NIHARIKA S A	VIVARTTANA TECHNOLOGIES
52	1KS18EC055	NIROSHA G J	TEQUED LABS
53	1KS18EC056	NISHANTH J RAO	UNSCHOOL
54	1KS18EC057	P SAI GOVARDHAN	VIVARTTANA TECHNOLOGIES
55	1KS18EC058	PARIKSHITH S	VIVARTTANA TECHNOLOGIES
56	1KS18EC059	PAVAN KUMAR P	BIONICS ENGINEERING
57	1KS16EC005	AKASH CHANDRAPPA GURUVANNAVAR	TEQUED LABS
58	1KS18EC060	POOJA S	HINDUSTAN AERONAUTICS LIMITED
59	1KS18EC061	PRAKRUTHI S H	HINDUSTAN AERONAUTICS LIMITED
60	1KS18EC063	PUNEETH M	TECHNOFLY SOLUTION
61	1KS18EC064	PURUSHOTHAM VR	CONTRIVER
62	1kS18EC066	RAGHAVENDRA K.P	CONTRIVER
63	1KS18EC067	RAGHU B T	TEQUED LABS
64	1KS18EC068	RAJ KRISHNA	ALPHA TECH ACADEMY
65	1KS18EC069	RAJATH S BHUSHAN	TECHNEX(IIT BHUBANESWAR)
66	1KS18EC070	RAM BAHADUR MAHARA	ALPHA TECH ACADEMY
67	1KS18EC071	RASETTY SANDEEP	UNSCHOOL
68	1KS18EC073	RITHVIK P	ALPHA TECH ACADEMY
69	1KS18EC074	S MANOJ	TECHNOFLY SOLUTIONS
70	1KS18EC075	S RAHUL	TAKE IT SMART
71	1KS18EC076	S TUSHAR HARINATH	CONTRIVER
72	1KS18EC077	SAGAR T C	UNSCHOOL
73	1KS18EC078	SANJANA B	SOUTH WESTERN RAILWAY
74	1KS18EC079	SANKET B PASCHAPURI	TEQUED LABS
74	1KS18EC080	SHASHANK H K	UNSCHOOL

75	1KS18EC081	SHEETAL N GOWDA	HAL
76	1KS18EC082	SHIVA SHANKAR.B	TENET TECHNETRONICS
77	1KS18EC083	SHREYA V DEV	VIVARTTANA TECHNOLOGY
78	1KS18EC084	SHREYAS C	CONTRIVER
79	1KS18EC085	SHREYAS D R	VIVARTTANA TECHNOLOGIES
80	1KS18EC086	SHRIKANTH C K	UNSCHOOL
81	1KS18EC087	SIRI RAVINATH	TECHNOLOGY
82	1KS18EC088	SIRISHA.M	SOUTH WESTERN RAILWAY
83	1KS18EC090	SOMASHEKAR M	KSIT
84	1KS18EC091	SUDHEER B	TECHNOFLY SOLUTIONS
85	1KS18EC092	SUJAY R	KSIT
86	1KS18EC093	SUPRIYA S	INDIAN TECH KEYS
87	1KS18EC094	SURAJ V GHORPADE	KSIT
88	1KS18EC095	SUSHMA.A.V	AMPOLT ELECTRONICS
89	1KS18EC096	SUSHMITHA R	INDIAN TECH KEYS
90	1KS18EC097	THANUSH R S	TEQUED LABS
91	1KS18EC098	THANUSHREE D	KSIT
92	1KS18EC099	VAISHNAVI G	KSIT BHARAT ELECTRONICS LIMITED
93	1KS18EC101	VANDANA K	INDIAN TECH KEYS
94	1KS18EC102	VARSHINI.B.M	AMPOLT
95	1KS18EC103	VASANTH PAI.M	TEQUED LABS
96	1KS18EC104	VIJAY BABU K	TECHNOFLY SOLUTIONS
97	1KS18EC105	VINAY K	TEQUED LABS
98	1KS18EC106	VINAY S	TEQUED LABS

99	1KS18EC108	VISHAL MADHUSUDAN	AMPOLT ELECTRONICS
100	1KS18EC109	VISHWAS P	TEQUED LABS
101	1KS18EC110	VIVEKGOWDA J	TEQUED LABS
102	1KS18EC111	VRINDHA SHAM BHATT	KSIT
103	1KS19EC400	HEMANTHA V	MICRO EMBEDDED SYSTEM
104	1KS19EC401	KARTHIK B P	MICRO EMBEDDED SYSTEM
105	1KS19EC402	KRISHNAPRASAD B	MICRO EMBEDDED SYSTEM
106	1KS19EC403	NAVEEN G	TAKE IT SMART(OPC)PVT.LTD
107	1KS19EC405	PRUTHVI DINESH	SOUTH WESTERN RAILWAY
108	1KS19EC406	RAGHOTHAM C G	TEQUEDS LABS
109	1KS19EC407	SADANA M	DIGITAL TECHNOLOGIES
110	1KS19EC408	SINDHU G	MICRO EMBEDDED SYSTEM
111	1KS19EC409	VARSHA M S	MICRO EMBEDDED SOLUTIONS

CAYm1 2019-20 Internship Details

Table2.2.5-c: Internship Details for academic year2019-20:

Sl. No.	USN	Name of the Student	Organization
1	1KS16EC068	PURUSHOTHAMA.V	SILICON MICRO SYSTEMS
2	1KS16EC086	SHIVDATT .B	SILICON MICRO SYSTEMS
3	1KS16EC113	VINAYAK.Y.BAJANTRI	NATIONAL DESIGN AND RESEARCH FORUM
4	1KS17EC001	ABHISHEK.K.V	KNOWLEDGE SOLUTIONS INDIA
5	1KS17EC002	ABIJITH SUDHIR	SILICON MICRO SYSTEMS
6	1KS17EC003	AKKSHAY.U.L	CISCO IN COLLABORATION WITH RVCE

7	1KS17EC004	AKSHITHA.V.RAMESH	ENTUPLE TECHNOLOGIES
8	1KS17EC005	AMOGHAVARSHA.N.D	ENTUPLE TECHNOLOGIES
9	1KS17EC006	AMULYA.S.IYENGAR	ENTUPLE TECHNOLOGIES
10	1KS17EC007	ANA EPSIBA.F	VI SOLUTIONS
11	1KS17EC008	ANAGHA.A.KASHYAP	SILICON MICRO SYSTEMS
12	1KS17EC009	ANITHA.R	KNOWLEDGE SOLUTIONS INDIA
13	1KS17EC010	ANOOP DEEKSHITH.R	ENTUPLE TECHNOLOGIES
14	1KS17EC011	ANUPAM.M.L	SILICON MICRO SYSTEMS
15	1KS17EC012	ANUSHA.L	INNOVATION CREATION
16	1KS17EC013	ANUSHREE.M	KNOWLEDGE SOLUTIONS INDIA
17	1KS17EC014	ANUSHRI.V.K	TEHCITI SOFTWARE CONSULTING PVT. LTD.
18	1KS17EC015	APEKSHA RAVI K	ENTUPLE TECHNOLOGIES
19	1KS17EC016	ARPITHA	KNOWLEDGE SOLUTIONS INDIA
20	1KS17EC017	ASIYA FATHIMA.N	SILICON MICRO SYSTEMS
21	1KS17EC018	AYESHA ROSHEEN	SILICON MICRO SYSTEMS
22	1KS17EC019	B.D.SHREENIDHI	KNOWLEDGE SOLUTIONS INDIA
23	1KS17EC020	BHAVANA.B.S	KNOWLEDGE SOLUTIONS INDIA
24	1KS17EC021	BHAVANA.J	KNOWLEDGE SOLUTIONS INDIA
25	1KS17EC022	BHOOMIKA.P.K	SILICON MICRO SYSTEMS
26	1KS17EC023	BINDU.J	KNOWLEDGE SOLUTIONS INDIA
27	1KS17EC024	CHAITHRA.V.M	KNOWLEDGE SOLUTIONS INDIA
28	1KS17EC025	CHARAN SAI.Y	SILICON MICRO SYSTEMS
29	1KS17EC026	CETHAN.D.R	INVERSA TECHNOSOFT NATIONAL DESIGN AND RESEARCH FORUM
30	1KS17EC027	CETHAN.G	SKYFI LABS NATIONAL DESIGN AND RESEARCH FORUM

31	1KS17EC028	CHETHANA.K.S	KNOWLEDGE SOLUTIONS INDIA
32	1KS17EC029	CHETHANA PRASAD.K	RTTC, MYSURU
33	1KS17EC030	DARSHAN.T.G	ENTUPLE TECHNOLOGIES
34	1KS17EC031	DEVALE SUDARSHAN	SILICON MICRO SYSTEMS
35	1KS17EC032	DEVIYANI.G	SILICON MICRO SYSTEMS
36	1KS17EC033	DHAKSHITH.N.K	SILICON MICRO SYSTEMS
37	1KS17EC035	DISHA.S	VI SOLUTIONS
38	1KS17EC036	DIVYA T.M	ENTUPLE TECHNOLOGIES
39	1KS17EC038	GOPINATH.H.C	INVERSA TECHNOSOFT
40	1KS17EC039	GOWTHAM.B	SILICON MICRO SYSTEMS
41	1KS17EC040	G.S.SURABHI	NATIONAL DESIGN AND RESEARCH FORUM
42	1KS17EC041	H.G.SRINIDHI	KNOWLEDGE SOLUTIONS INDIA
43	1KS17EC042	JEEVAN.R.S	SILICON MICRO SYSTEMS
44	1KS17EC043	K.SHREYA	NATIONAL DESIGN AND RESEARCH FORUM
45	1KS17EC044	KAMNOOR SUSHMA	SILICON MICRO SYSTEMS
46	1KS17EC045	KRITHIKA.P	ENTUPLE TECHNOLOGIES
47	1KS17EC046	LAKSHAN.N.S	KNOWLEDGE SOLUTIONS INDIA
48	1KS17EC047	LEKHA YADAV.B	ENTUPLE TECHNOLOGIES
49	1KS17EC048	M.R.SRINIVAS	NATIONAL DESIGN AND RESEARCH FORUM ETHICAL EDUFABRICA PVT. LTD.
50	1KS17EC049	RANJITH.M	SILICON MICRO SYSTEMS
51	1KS17EC050	M.SIRISHA	KNOWLEDGE SOLUTIONS INDIA NATIONAL DESIGN AND RESEARCH FORUM
52	1KS17EC051	MADHU.S	KNOWLEDGE SOLUTIONS INDIA
53	1KS17EC052	MAHADEVA.G	KNOWLEDGE SOLUTIONS INDIA SILICON MICRO SYSTEMS
54	1KS17EC053	MAMATHA.K.S	KNOWLEDGE SOLUTIONS INDIA

55	1KS16EC093	SOMASEKAR S	SILICON MICRO SYSTEMS
56	1KS16EC431	RAKESH M.D	VI SOLUTIONS
57	1KS16EC033	UNNIMAYA	VI SOLUTIONS
58	1KS17EC414	YATHISH S	SILICON MICRO SYSTEMS
59	1KS17EC403	BHAVANA G	VI SOLUTIONS
60	1KS16EC069	SHARATH	KSI
61	1KS16EC007	AMAN KUMAR SINGH	XCELATOR
62	1KS16EC001	A YESWANTH	
63	1KS17EC054	MANOJ.E	SILICON MICRO SYSTEMS
64	1KS17EC055	MANOJ KUMAR.R	SILICON MICRO SYSTEMS
65	1KS17EC056	MOHAMMAD FAIZAL	NATIONAL DESIGN AND RESEARCH FORUM
66	1KS17EC057	MOHAMMED SADATH	SILICON MICRO SYSTEMS
67	1KS17EC058	MONISHA.A	KNOWLEDGE SOLUTIONS INDIA
68	1KS17EC059	NAGANETRA.M	KNOWLEDGE SOLUTIONS INDIA
69	1KS17EC060	NAGELI JAYASAI NAIDU	VI SOLUTIONS
70	1KS17EC061	NAVEEN KUMAR BURUGUPALLY	VERIFICIENT SOLUTIONS
71	1KS17EC062	NAVIN KUMAR.H.G	KNOWLEDGE SOLUTIONS INDIA
72	1KS17EC063	NAVYA.S	KNOWLEDGE SOLUTIONS INDIA
73	1KS17EC064	NIKHIL.V	VI SOLUATIONS
74	1KS17EC065	NIKHIL.V	VI SOLUTIONS
75	1KS17EC066	PALLAVI.S	KNOWLEDGE SOLUTIONS INDIA
76	1KS17EC067	PAVAN PRASAD.R	ENTUPLE TECHNOLOGIES
77	1KS17EC068	PENUJURI NAGA SAI SNEHITHA	KNOWLEDGE SOLUTIONS INDIA
78	1KS17EC069	PRAJWAL.C	VI SOLUTIONS
80	1KS17EC071	PRATIMA.P.AGNIHOTRI	KNOWLEDGE SOLUTIONS INDIA

81	1KS17EC072	PRATIMA V KASHYAP	KNOWLEDGE SOLUTIONS INDIA
82	1KS17EC073	PRUTHVIRAJ.N	
83	1KS17EC074	R.YASHAS	
84	1KS17EC075	RACHANA.S	SILICON MICRO SYSTEMS
85	1KS17EC076	RAHUL.R.NADIG	KNOWLEDGE SOLUTIONS INDIA
86	1KS17EC077	RAJESH.C.S	
87	1KS17EC078	RAMYA.R	KNOWLEDGE SOLUTIONS INDIA
88	1KS17EC079	RITU PATIL	KNOWLEDGE SOLUTIONS INDIA MICROSOFT TECHNOLOGY ASSOCIATE
89	1KS17EC080	ROHINI.D	SILICON MICRO SYSTEMS
90	1KS17EC082	RUTHVIK RAVISH	NATIONAL DESIGN AND RESEARCH FORUM
91	1KS17EC084	SAHANA.M.K	KNOWLEDGE SOLUTIONS INDIA
92	1KS17EC085	SAHANA.V	KNOWLEDGE SOLUTIONS INDIA TEQUED LABS
93	1KS17EC086	SANDEEP KUMAR.M	ENTUPLE TECHNOLOGIES
94	1KS17EC087	SHAMANTH RAJ.D.N	VI SOLUTIONS
95	1KS17EC088	SHIVANI.K	KNOWLEDGE SOLUTIONS INDIA
96	1KS17EC089	SHRAVYA.S.ACHARYA	ENTUPLE TECHNOLOGIES
97	1KS17EC090	SHREYAS.H.R	NATIONAL DESIGN AND RESEARCH FORUM
98	1KS17EC092	SRIVIDYA.V.R	ENTUPLE TECHNOLOGIES
99	1KS17EC093	SUPRIYA.V	KNOWLEDGE SOLUTIONS INDIA
100	1KS17EC094	SURYA.N	KNOWLEDGE SOLUTIONS INDIA
101	1KS17EC095	SUSHMITHA.B.L	KNOWLEDGE SOLUTIONS INDIA
102	1KS17EC096	SUSHMITHA.K.N	ENTUPLE TECHNOLOGIES
103	1KS17EC097	SYED WAQAR KASHIF	NATIONAL DESIGN AND RESEARCH FORUM
104	1KS17EC098	TEJAS.K	BSNL

105	1KS17EC099	VAIBHAVI SREENIVASA	KNOWLEDGE SOLUTIONS INDIA
106	1KS17EC100	VAISHNAVI.K.KATTI	KNOWLEDGE SOLUTIONS INDIA
107	1KS17EC101	VAISHNAVI.S	RTTC, MYSURU
108	1KS17EC102	VAISHNAVI SRIHARSHAN	KNOWLEDGE SOLUTIONS INDIA
109	1KS17EC103	VIDYA.V	KNOWLEDGE SOLUTIONS INDIA
110	1KS17EC104	VISHAL GOUTHAM.N	KNOWLEDGE SOLUTIONS INDIA
111	1KS17EC105	YASHASWINI.R	KNOWLEDGE SOLUTIONS INDIA
112	1KS18EC403	HARSHITHA B	IC SOLUTIONS
113	1KS18EC406	MAHADEVA G R	VIS ONLINE INDUSTRIAL INTERNSHIP
114	1KS18EC408	VANITHA C	VI SOLUTIONS
115	1KS16EC075	RENUKAPRASAD M.R	SILICON MICRO SYSTEMS

CAYm2 2018-19 Internship Details

Table 2.2.5-d: Internship Details for academic year2018-19

Sl. No.	USN	NAME OF THE STUDENT	ORGANIZATION
1	1KS14EC101	SOWJANYA K N	TEKATRON
2	1KS16EC002	AALIYA ZAINAB	XCELERATOR
3	1KS16EC003	ABHISHEK.A.NANDYAL	GILL INSTRUMENTS
4	1KS16EC004	ADITHYA.D.M	GILL INSTRUMENTS
5	1KS16EC006	AKASH MAHANTESH HOSAMANI	INVENTERON
6	1KS16EC009	ANIRUDH.K.N	FLIP CHIP ELECTRONICS PVT LTD
7	1KS16EC010	ANUSHA RAJ.D	BOSCH
8	1KS16EC013	ASHWINI.S	CAIR (DRDO)
9	1KS16EC014	AYUSH RAJ	XCELLERATOR
10	1KS16EC015	BHAGYA SHREE.S.J	CAIR DRDO
11	1KS16EC016	BHARATH.R	INVENTERON
12	1KS16EC017	BHOOMIKA.P.M	IDEAL EDHUCRAFT TECHNOLOGIES

13	1KS16EC018	BRUNDA.S	LIVEWIRE
14	1KS16EC019	CHANDANA.R	ISRO
15	1KS16EC020	CHARAN.A	SMECLABS
16	1KS16EC022	DEEMANTH.K.P	FLIPCHIP ELECTRONICS PVT LTD.
17	1KS16EC023	DEEPA.R	SAITEKTRONIX
18	1KS16EC024	DEEPAK LAMANI	SMEC AUTOMATION PVT LTD
19	1KS16EC025	DEEPIKA.M	TEKATRON
20	1KS16EC026	DIVYALAKSHMI.G	IDEAL EDUCRAFT TECHNOLOGIES PRIVATE LTD.
21	1KS16EC028	HARSHINI.B.S	TEKATRON IT SOLUTIONS
22	1KS16EC031	JAYAM HARESH THARUN	SMEC AUTOMATION PVT.LMTD
23	1KS16EC032	JEEVITHA KALAASHILPA.N.C	CAIR DRDO
24	1KS16EC034	KADRI SRINIDHI RAO	CAIR (DRDO)
25	1KS16EC035	KARTHIK.K	GILL INSTRUMENTS
26	1KS16EC036	KOMAL KHANDELWAL	SAITEKTRONIX PVT. LTD.
27	1KS16EC037	KRISHNA.D	ABC FOR TECHNOLOGY TRAINING
28	1KS16EC039	L.S.BABY RAM	IDEAL EDUCRAFT TECHNOLOGIES
29	1KS16EC040	LAKSHMI PRIYA.K	IDEAL EDUCRAFT TECHNOLOGIES
29	1KS16EC041	LIKHITHA.Y	IDEAL EDUCRAFT TECHNOLOGIES
30	1KS16EC042	LOKESH.S	SMEC
31	1KS16EC043	SURYA.M	HICAL TECHNOLOGIES
32	1KS16EC044	MADHU.G	ENSTATUS TECHNOLOGY
33	1KS16EC045	MADHU.N	SMEC
34	1KS16EC047	MANIKANTAN.G	GILL INSTRUMENTS
35	1KS16EC048	MANJUNATHA.B.S	HINDUSTAN AERONAUTICS LIMITED
36	1KS16EC049	MEENAKSHI.A	TEKATRON IT SOLUTIONS

37	1KS16EC050	MEGHASHREE.V	NETTUR TECHNICAL TRAINING FOUNDATIONS(NTTF)
38	1KS16EC051	MOHAMMED WALEED	INVENTERON TECHNOLOGIES
39	1KS16EC052	NAMITA.L.RAO	BOSCHAUTOMOTIVE ELECTRONIC
40	1KS16EC053	NAMRATHA.G	NTTF
41	1KS16EC055	NANDANGOWDA.S.H	ABC FOR TECHNOLOGY
42	1KS16EC056	NAVEEN	INVENTERON
43	1KS16EC057	NEHA.J.KOTWAL	BOSCH
44	1KS16EC058	NEHA.N.V	IGEEK TECHNOLOGY
45	1KS16EC059	NIKITA BALAPPA NARASANNAVAR	SMEC
46	1KS16EC419	KUMARA B N	RUHM INNOVATION PVT LTD.COM
47	1KS16EC422	MEGHA	RUHM INNOVATION PVT LTD
48	1KS16EC430	RAKESH K.M.	INVENTERON
49	1KS17EC400	ARPITHA.C.V	TEKATRON IT SOLUTIONS
50	1KS17EC402	ASOK KUMAR	CONTRIVER
51	1KS17EC404	CHANDRAKALA.K.S	TEKATRON IT SOLUTIONS
52	1KS17EC405	CHANDU P J	KSIT
53	1KS17EC406	HARITHA K	RUHM INNOVATION PVT LTD.COM
54	1KS14EC068	POOJA P G	BSNL
55	1KS14EC117	YASH RAI	BSNL RTTC, MYSORE
56	1KS15EC071	UCHAKAYALA HEMANATH CHOWDARY	SMEC LABS
57	1KS16EC060	ONKAR MISHRA	SMEC LABS
58	1KS16EC061	POOJA.K	ROSCO-AUTO CPR PVT LTD
59	1KS16EC062	PRATHAM KUMAR.D	CONTRIVER
60	1KS16EC063	PRATHIKSHA.P	ROSCO- AUTO CPRPVT LIMITED
61	1KS16EC064	PRATYUSHA.S.A	SMEC AUTOMATION PVT LTD
62	1KS16EC065	PRAVEEN TULASIDAS NAIK	BHARAT ELECTRONICS LIMITED
63	1KS16EC067	PRIYA.S	RAPSOL TECHNOLOGIES PVT LTD
64	1KS16EC071	RAMYA.M.S	DRDO, ADE
65	1KS16EC072	RASHMI.S	DRDO,ADE

66	1KS16EC073	RAVI NANDAN	SMEC
67	1KS16EC074	RAVI TEJA.M	CONTRIVER
68	1KS16EC076	S.SHWETHA	JAAGA
69	1KS16EC077	SACHIN.M.G	CONTRIVER
70	1KS16EC078	SADHVIKA CHANDRA.R	BOSCH
71	1KS16EC079	SAHANA.D	ENSATUS TECHNOLOGY INDIA PRIVATE LIMITED
72	1KS16EC080	SAHANA.K.G	ENSATUS TECHNOLOGY
73	1KS16EC081	SAI TARUN TADIPARTI	SMEC AUTOMATIONS PVT LTD
74	1KS16EC082	SANANDA RAO.K.S	ABC TECHNOLOGIES
75	1KS16EC083	SARAH AHMED	VIVARATA
76	1KS16EC084	SAURAV KUMAR	SMEC
77	1KS16EC085	SHEETHAL.J.RAO	ENSATUS TECHNOLOGY
78	1KS16EC087	SHREYA SRINIVAS	VIVARTHANA
79	1KS16EC088	SHREYAS.K.V	ABC
80	1KS16EC089	SHREYASHWINI.V	ENSATUS TECHNOLOGY PRIVATE LIMITED
81	1KS16EC090	SHRINIDHI.N.S	ROHDE-SCHWARZ INDIA PVT.LTD
82	1KS16EC091	SHYLESH RAJ.T.D	CONTRIVER
83	1KS16EC092	SKANDA.N	CONTRIVER
84	1KS16EC094	SONIKA.V	WIPRO GE HEALTHCARE
85	1KS16EC095	SPURTHI.M.K	DHS INSTITUTIONS
86	1KS16EC096	SUDHANSHU.S.SHARMA	EDUCRAFT TECHNOLOGIES
87	1KS16EC097	SUHAS.K	SMEC AUTOMATION PVT LTD
88	1KS16EC099	SUMA.B.S	IDEAL EDUCRAFT TECHNOLOGIES
89	1KS16EC102	T.G.NITHYA	PEOPLE TECH
90	1KS16EC103	TEJAS.P	XYID TECHNOLOGIES
91	1KS16EC105	VARSHINI.K.S	RAPSOL TECHNOLOGIES PVT LTD
92	1KS16EC106	VASUDEVA UPADHYA.K.S	XYID TECHNOLOGIES
93	1KS16EC108	VIDHYA.K.S	RAPSOL TECHNOLOGIES PVT LTD

94	1KS16EC109	VIDYA.B	RAPSOL TECHNOLOGIES PRIVATE LTD
95	1KS16EC111	VIGNESHKUMAR.V	SMEC AUTOMATION PVT LTD
96	1KS16EC112	VINAY.N	SMEC AUTOMATION PVT LTD
97	1KS16EC114	VINOD KUMAR.P	CONTRIVER COMPANY
98	1KS16EC115	VISMITHA SONNA SATHYANARAYANA	LIVE WIRE
99	1KS16EC116	VIVEK.R	IDEAL EDUCRAFT TECHNOLOGIES
100	1KS16EC401	AKASH B N	FLIPCHIP ELECTRONICS PRIVATE LTD
101	1KS16EC416	ISHWAR MANNIKERI	RUHM INNOVATION PVT LTD
102	1KS17EC407	HARSHA C M	KSIT
103	1KS17EC408	HARSHITH. K	CONTRIVER COMPANY
104	1KS17EC409	PRABHAVATHI.K	TEKATRON IT SOLUTIONS BANGLORE
105	1KS17EC413	TEJASWINI B	TEKATRON IT SOLUTION BANGALORE
106	1KS16EC401	HARSHINII B S	TEKATRON IT SOLUTIONS

B Internship Student Feedback:

Student's feedback is collected from the students & is used for impact analysis. Format for the feedback form is given below

Sl. No	Questions	Excellent	Good	Fair
1	How was your experience during the internship			
2	How well was the academics related to the internship work			
3	The encouragement given to take initiative beyond the job requirement			
4	How was the supervision and the supervisors involvement in the work allotted to you			
5	How was the supervisors involvement in clarifying of your doubts			
6	How would you rate the topics covered during the internship			
7	How was your overall experience in the internship			
8	Has the Internship has helped you in placement activities			

9	Would you recommend this internship to the next batch of students			
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Impact analysis of Internship for the internship of 2020-2021:

Table 2.2.5-d: Impact analysis of Internship of 2021

Internship Feed Back for the year 2020-21									
USN	How was your experience during the internship	How well was the academics related to the internship work	The encouragement given to take initiative beyond the job requirement	How was the supervision and the supervisors involvement in the work and clarifying of doubts	How well you have improved your skills during the internship	How would you rate the topics covered during the internship	How was your overall experience in the internship	Does the Internship has helped you in placement activities	Would you recommend this internship to the next batch of students
1KS18 EC033	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC041	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC106	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC087	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC058	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC004	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC067	Excellent	Fair	Excellent	Excellent	Good	Excellent	Excellent	Yes	Yes
1KS18 EC093	Good	Good	Good	Excellent	Good	Good	Good	Yes	Yes
1KS18 EC082	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC108	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC102	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	No	Yes
1KS18	Good	Good	Good	Excellent	Good	Good	Good	Yes	Yes

EC007	d			nt					
1KS18 EC090	Exc ellen t	Fair	Good	Good	Good	Good	Excellent	Yes	Yes
1KS18 EC059	Go od	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC064	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Good	Good	Yes	Yes
1KS18 EC023	Exc ellen t	Good	Good	Good	Good	Good	Good	No	Yes
1KS18 EC026	Go od	Good	Good	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC016	Go od	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC010	Exc ellen t	Excel lent	Good	Good	Good	Good	Excellent	Yes	Yes
1KS18 EC056	Go od	Good	Good	Good	Good	Excellent	Good	Yes	Yes
1KS18 EC027	Go od	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC022	Go od	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC055	Go od	Good	Good	Good	Good	Good	Fair	Yes	Yes
1KS18 EC044	Exc ellen t	Good	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC066	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC097	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC098	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC061	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC085	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC045	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC025	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC001	Exc ellen t	Good	Good	Fair	Good	Good	Good	Yes	Yes
1KS18 EC040	Go od	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18	Exc	Excel	Excele	Excele	Excele	Excellent	Excellent	Yes	Yes

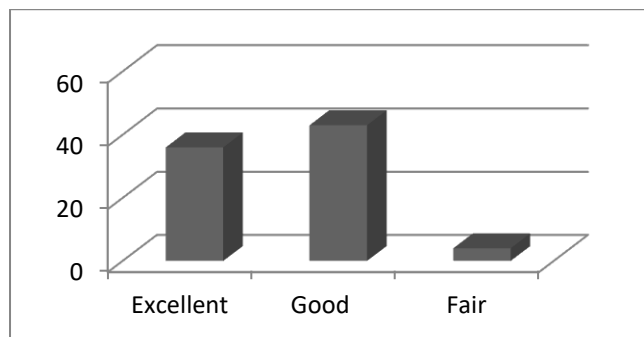
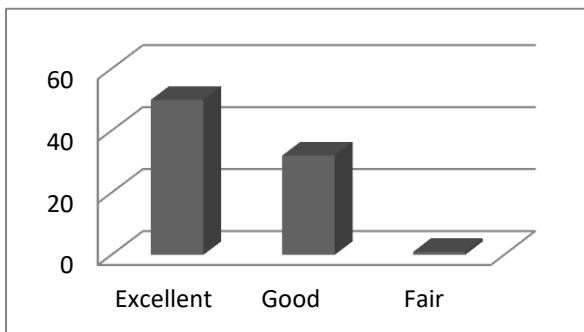
EC034	Excellent	Excellent	Excellent	Excellent	Excellent				
1KS18 EC011	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC057	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC032	Excellent	Good	Good	Excellent	Good	Good	Excellent	Yes	Yes
1KS18 EC070	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC015	Good	Good	Good	Excellent	Good	Excellent	Good	Yes	Yes
1ks18 ec077	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS19 EC402	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS19 EC402	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC017	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC003	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC111	Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC051	Good	Good	Excellent	Good	Good	Good	Good	Yes	Yes
1ks19 ec400	Good	Good	Good	Good	Good	Excellent	Good	Yes	Yes
1KS19 EC401	Good	Good	Excellent	Good	Excellent	Good	Good	Yes	Yes
1KS18 EC024	Good	Fair	Good	Good	Fair	Good	Good	Yes	No
1KS18 EC020	Good	Excellent	Excellent	Excellent	Excellent	Good	Good	Yes	Yes
1KS18 EC048	Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS19 EC406	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	No	Yes
1KS18 EC091	Excellent	Good	Good	Good	Good	Excellent	Good	Yes	Yes
1KS18 EC019	Good	Good	Good	Excellent	Good	Excellent	Good	Yes	Yes
1KS18 EC031	Good	Good	Good	Fair	Excellent	Good	Good	Yes	Yes
1KS18 EC105	Excellent	Excellent	Good	Good	Excellent	Excellent	Excellent	Yes	Yes

1KS18 EC088	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC094	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC002	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC049	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1ks18 ec080	Good	Excellent	Excellent	Good	Excellent	Good	Excellent	Yes	Yes
1KS18 EC014	Excellent	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC079	Excellent	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC008	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC086	Excellent	Excellent	Excellent	Good	Good	Good	Excellent	Yes	Yes
1KS18 EC099	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC104	Excellent	Good	Good	Excellent	Excellent	Excellent	Good	Yes	Yes
1KS18 EC071	Excellent	Good	Excellent	Excellent	Good	Good	Excellent	Yes	Yes
1KS18 EC054	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	No	Yes
1KS18 EC063	Fair	Fair	Fair	Fair	Fair	Fair	Fair	No	Yes
1KS18 EC047	Excellent	Good	Excellent	Excellent	Good	Excellent	Excellent	No	Yes
1KS18 EC012	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC078	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18 EC103	Good	Good	Good	Good	Fair	Good	Good	No	No
1KS18 EC073	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Excellent	Yes	Yes
1KS19 EC409	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC050	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS18	Good	Good	Good	Excellent	Good	Excellent	Good	Yes	Yes

EC075	d			nt					
1KS18 EC076	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS18 EC068	Go od	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS18 EC030	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes
1KS19 EC403	Go od	Excel lent	Good	Excele nt	Good	Excellent	Good	Yes	Yes
1KS18 EC092	Exc ellen t	Excel lent	Excele nt	Excele nt	Excele nt	Excellent	Excellent	Yes	Yes

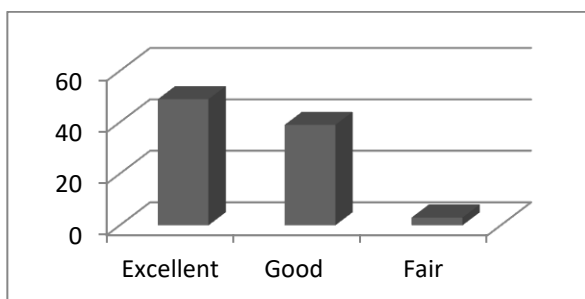
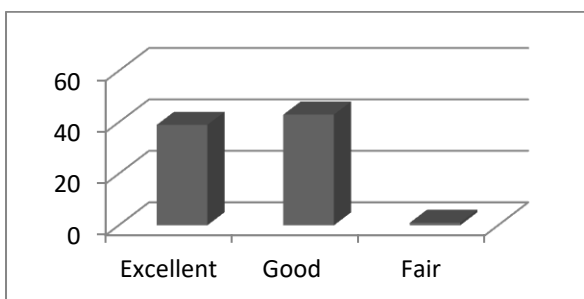
How was your experience during the internship

How well was the academics related to the internship work



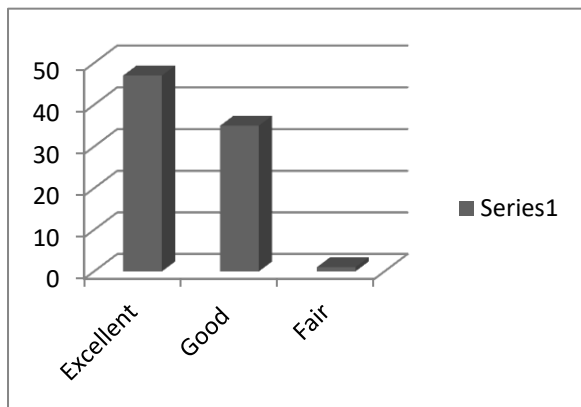
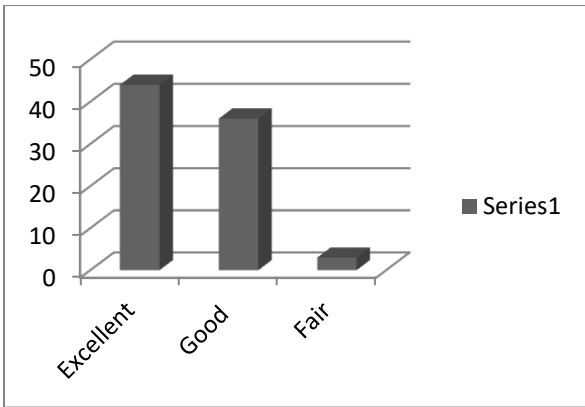
The encouragement given to take initiative beyond the job requirement

How was the supervision and the supervisors involvement in the work and clarifying of doubts

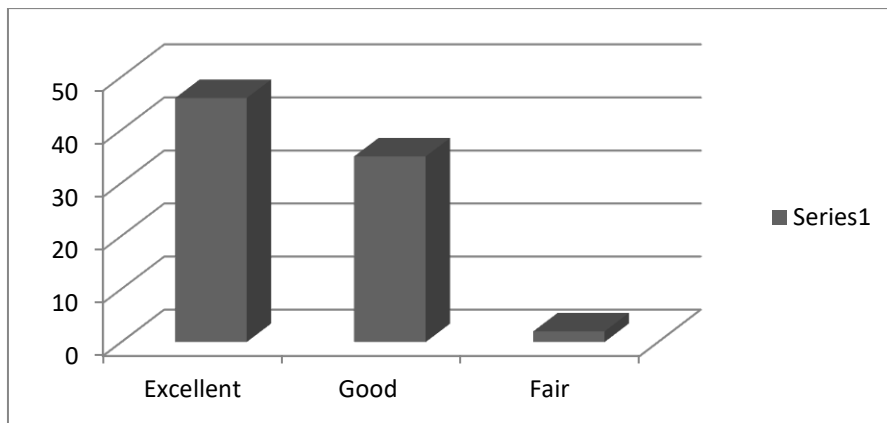


How well you have improved your skills during the internship

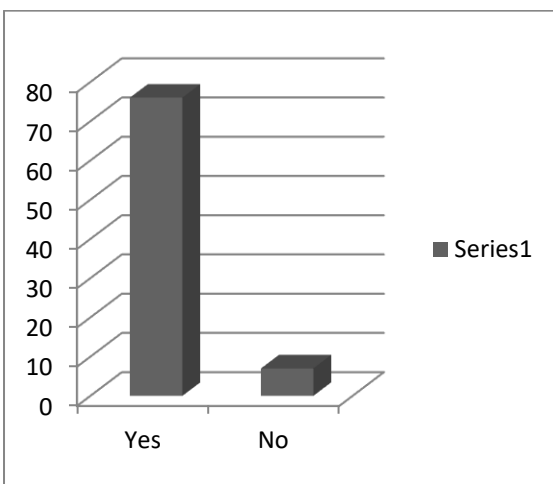
How would you rate the topics covered during the internship



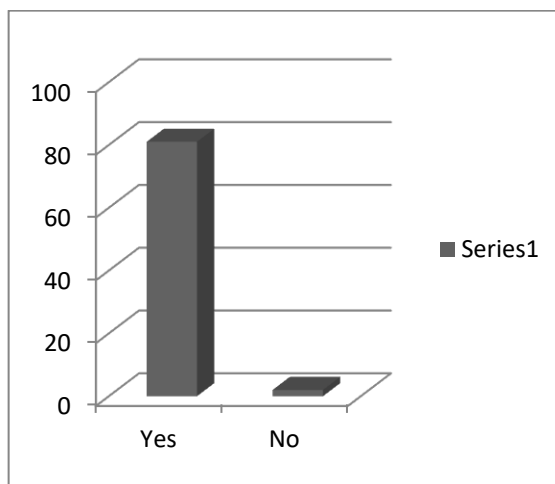
How was your overall experience in the Internship



Does the Internship has helped you in Placement activities



Would you recommend this internship to the next batch of students



Impact analysis of Internship for the internship of 2019-2020:

Table 2.2.5-e: Impact analysis of Internship of 2020

USN	Internship Feed Back for the year 2019-2020										
	Name of the company where Internship is done	Domain in which internship is done	How was your experience during the internship	How well was the academics related to the internship work	The encouragement given to take initiative beyond the job requirement	How was the supervision and the supervisors involvement in the work and clarifying of doubts	How well you have improved your skills during the internship	How would you rate the topics covered during the internship	How was your overall experience in the internship	Does the Internship has helped you in placement activities	Would you recommend this internship to the next batch of students
1KS17 EC104	Knowledge Solutions India	Machine learning	Good	Fair	Good	Excellent	Good	Good	Good	Yes	Yes
1KS17 EC063	Knowledge Solutions India	Machine learning	Excellent	Fair	Fair	Excellent	Excellent	Excellent	Excellent	No	No
1KS17 EC063	Knowledge Solutions India	Machine learning	Excellent	Fair	Fair	Excellent	Excellent	Excellent	Excellent	No	No
1KS17 EC003	Cisco	IOT applications	Good	Excellent	Excellent	Excellent	Good	Excellent	Good	Yes	Yes
1KS17 EC046	Knowledge Solutions India	Machine learning	Excellent	Excellent	Good	Excellent	Good	Good	Good	Yes	Yes
1KS17 EC035	VI Solutions	IIoT & Machine Learning	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS17 EC085	Knowledge Solution India	Data science and data analysis	Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent	Yes	Yes
1KS17 EC047	Entuple Technologies	VLSI	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes

1KS17 EC067	Entuple technolo gies	Vlsi	Excell ent	Excell ent	Excellen t	Good	Good	Excel lent	Excell ent	Yes	Yes
1KS17 EC007	Vi solutions	lot, ML and DL	Good	Good	Good	Good	Good	Good	Good	No	Yes
1KS17 EC049	Hebeon Technolo gy	AI with python and DS	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS17 EC043	Entuple technolo gies	VLSI	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS17 EC010	Entuple technolo gies	VLSI physica l design	Excell ent	Excell ent	Good	Excell ent	Excel lent	Excel lent	Excell ent	Yes	Yes
1KS17 EC051	KNOWL EDGE SOLUTI ONS INDIA	MACHI NE LEARN ING WITH PYTHO N	Good	Good	Good	Good	Good	Excel lent	Good	Yes	Yes
1ks17e c071	Knowled ge solutions	DATA SCIEN CE	Good	Fair	Good	Good	Good	Good	Good	Yes	Yes
1KS17 EC100	Knowled ge solutions India, Microsoft	Machin e learning	Excell ent	Good	Good	Excell ent	Excel lent	Excel lent	Excell ent	Yes	Yes
1KS17 EC050	Knowled ge solutions India	Machin e learning	Good	Good	Fair	Excell ent	Good	Good	Good	Yes	Yes
1ks16e c038	internsha la	c and c++ progra mming languag e	Good	Excell ent	Good	Excell ent	Good	Excel lent	Excell ent	Yes	Yes
1KS17 EC009	KNOWL EDGE SOLUTI ONS OF INDIA	Machin e learning with Python	Excell ent	Excell ent	Excellen t	Excell ent	Excel lent	Excel lent	Excell ent	Yes	Yes
1KS17 EC058	K S SOLUTI ONS INDIA	AI and ML	Good	Good	Good	Good	Fair	Good	Good	No	Yes
1KS17 EC029	BSNL RTTC, Mysore	Trends in Teleco m Technol ogy	Excell ent	Excell ent	Good	Excell ent	Good	Good	Excell ent	No	Yes
1KS17 EC048	Edufabri ca	Cybers ecurity	Good	Good	Good	Fair	Good	Good	Good	No	Yes

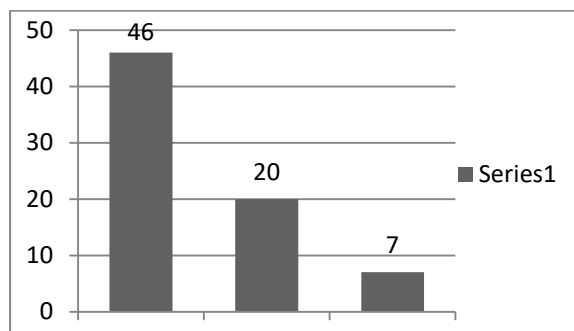
1KS17 EC044	Hebeon Technolo gies	AI foundati on using python and data science	Good	Good	Good	Good	Good	Fair	Good	Yes	Yes
1KS17 EC002	Hebeon Technolo gies	Python and ML	Good	Good	Excellen t	Good	Excel lent	Good	Excell ent	Yes	Yes
1KS16 EC033	VI SOLUTI ONS	Virtual instrum ents	Good	Excell ent	Good	Excell ent	Excel lent	Good	Good	Yes	Yes
1KS17 EC105	Knowled ge Solutions India	Machin e learning	Excell ent	Good	Excellen t	Excell ent	Good	Good	Excell ent	Yes	Yes
1KS17 EC036	Entuple technolo gies	Verilog	Good	Good	Good	Good	Good	Good	Good	Yes	No
1KS17 EC004	Entuple technolo gies	Design and Verifica tion using verilog	Good	Excell ent	Good	Good	Good	Good	Good	No	Yes
1KS17 EC006	Entuple Technolo gies	Design and verificat ion using verilog	Good	Excell ent	Fair	Good	Good	Good	Good	No	Yes
1KS17 EC090	VI Solutions	lot, ML, Deep Learnin g	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS17 EC403	VI SOLUTI ONS	Virtual instrum ents	Good	Excell ent	Good	Good	Good	Good	Good	Yes	Yes
1KS17 EC027	Skyfi labs	IOT	Excell ent	Fair	Excellen t	Excell ent	Excel lent	Good	Excell ent	No	Yes
1KS17 EC024	Knowled ge solutions india	Machin e learning with AI using python	Good	Good	Good	Good	Fair	Good	Good	No	Yes
1KS17 EC020	Knowled ge solutions india	Machin e learning with AI using python	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS17 EC028	Knowled ge solutions india	Machin e learning with AI	Good	Good	Good	Fair	Good	Fair	Good	No	No

		using python										
1KS17 EC068	Knowledge Solutions India	Machine Learning Using Python	Good	Good	Good	Excellent	Good	Good	Good	Yes	Yes	
1KS17 EC061	Verificient solutions Pvt Ltd	Data analyst	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Yes	Yes	
1KS17 EC079	Knowledge Solutions India	Machine Learning	Good	Fair	Good	Good	Good	Good	Good	Yes	Yes	
1KS17 EC015	Entuple Technologies	Verilog	Good	Excellent	Good	Good	Good	Good	Good	Yes	Yes	
1KS17 EC052	KS SOLUTIONS	Machine Learning	Good	Good	Fair	Good	Fair	Good	Good	No	Yes	
1ks17ec008	silicon microsystems	ai and data science	Good	Good	Good	Good	Good	Excellent	Good	Yes	Yes	
1KS17 EC012	ICS SOLUTIONS	Front end website Development	Good	Fair	Fair	Good	Fair	Fair	Fair	No	Yes	
1KS17 EC072	Knowledge Solutions India	Machine Learning	Good	Good	Good	Good	Good	Good	Good	No	No	
1KS16 EC086	Hebeon technology	Fundamentals of AI	Excellent	Excellent	Good	Good	Excellent	Good	Excellent	No	Yes	
1KS17 EC015	Entuple Technologies	Verilog	Good	Excellent	Good	Good	Good	Good	Good	Yes	Yes	
1KS17 EC414	Silicon Microsystems	Zoom	Good	Good	Good	Good	Good	Good	Good	No	Yes	
1KS16 EC069	KSI	python	Good	Good	Good	Good	Good	Good	Good	Yes	Yes	
1ks17ec053	Knowledge solutions India	Machine learning with ai using python	Good	Good	Good	Good	Good	Good	Good	Yes	Yes	
1KS17 EC023	Knowledge Solutions India	ML	Excellent	Excellent	Good	Excellent	Excellent	Excellent	Excellent	No	Yes	

1KS17 EC001	Knowled ge Solutions Of India	Machin e learning	Good	Good	Fair	Fair	Good	Good	Fair	No	Yes
1KS17 EC042	Silicon MICROS YSTEM	Datasci ence	Excell ent	Excell ent	Excellen t	Excell ent	Excell ent	Good	Excell ent	Yes	Yes
1ks18e c408	Vi sion	Machin e learning	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
1KS17 EC032	ximaxsol ution	Python and datasci ence	Good	Excell ent	Excellen t	Excell ent	Good	Good	Good	Yes	Yes
1KS17 EC018	Hebeon technolo gy	Python	Good	Excell ent	Excellen t	Good	Good	Excell ent	Excell ent	Yes	Yes
1KS17 EC094	KS solution	Machin e learning	Good	Good	Good	Good	Good	Fair	Good	No	No

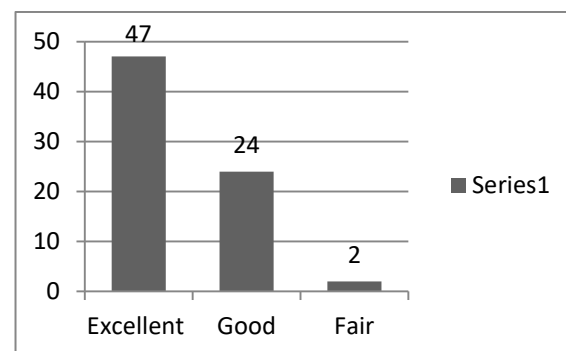
How was your experience during the internship

How well was the academics related to the internship work

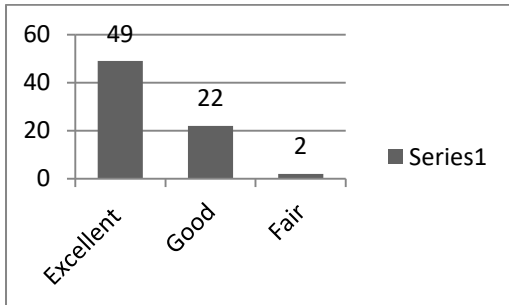


The encouragement given to take initiative beyond the job requirement

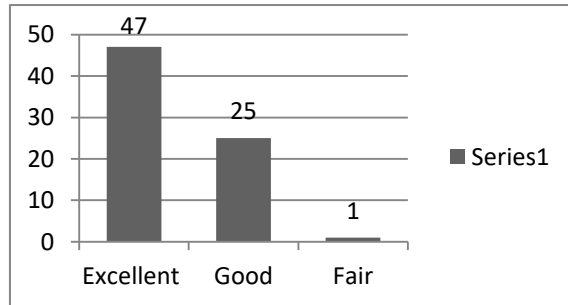
How was the supervision and the supervisors involvement in the work and clarifying of doubts



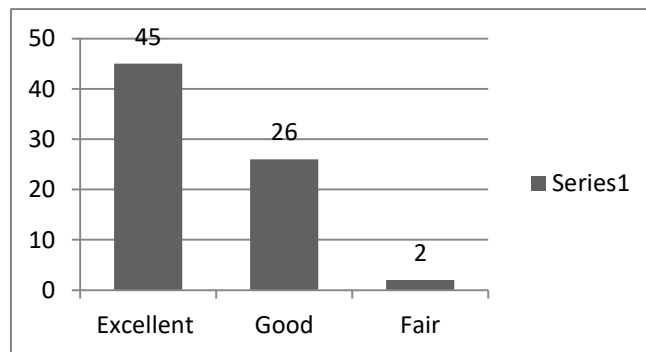
How well you have improved your skills during the internship



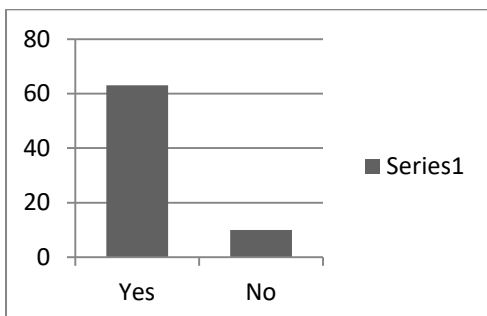
How would you rate the topics covered during the internship



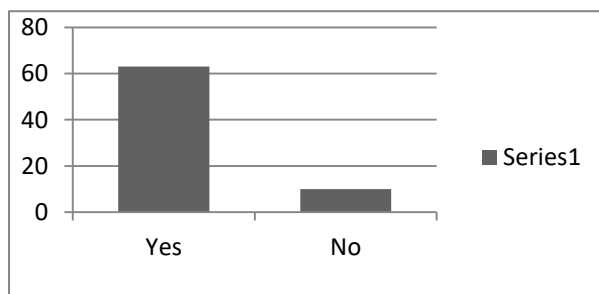
How was your overall experience in the Internship



Does the Internship has helped you in Placement activities



Would you recommend this internship to the next batch of students



Impact analysis of Internship for the internship of 2018-2019:**Table 2.2.5-e: Impact analysis of Internship of 2019**

Internship Feed Back for the year 2018-19												
Name	USN	Name of the company where Internship is done	Domain in which internship is done	How was your experience during the internship	How well was the academics related to the internship work	The encouragement given to take initiative beyond the job requirement	How was the supervision and the supervisors involvement in the work and clarifying of doubts	How well you have improved your skills during the internship	How would you rate the topics covered during the internship	How was your overall experience in the internship	Does the Internship has helped you in placement activities	Would you recommend this internship to the next batch of students
POOJA PG	1KS14 EC068	BSNL	Telecommunication		Good	Good	Good	Good	Excellent	Excellent	Yes	Yes
RAVI NANDAN	1KS16 EC073	SMEC	Arduino	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	No	Yes
SPURTHI MK	1KS16 EC096	Vivarttan a Technologies	IOT	Good	Good	Excellent	Good	Excellent	Good	Good	Yes	Yes
PRAVEEN TULASIDAS NAIK	1KS16 EC065	Bharat Electronics Limited	Military Radars	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
AALIYA ZAINAB	1KS16 EC002	Xcelerator	IoT	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
DEEPA R	1KS16 EC023	SAI TEKTRONICS	IOT	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
LAKSHMI PRIYA K	1KS16 EC040	Ideal technologies Educraft	IoT and embedded system	Good	Good	Good	Excellent	Excellent	Excellent	Excellent	Yes	Yes
JAYAM HARESH THARUN	1KS16 EC031	SMEC Automation Pvt Ltd	IOT	Good	Good	Good	Good	Good	Fair	Good	No	Yes
LIKHITHA Y	1KS16 EC041	Ideal Educraft Technologies	Embedded system and IOT	Good	Good	Good	Fair	Good	Good	Good	Yes	No
LOKESH S	1KS16 EC042	SMEC	IOT	Good	Good	Fair	Fair	Good	Good	Good	No	No

RASHMIS	1KS16 EC072	DRDO,A DE	Microcontr ollers	Excell ent	Excell ent	Excellen t	Excell ent	Excel lent	Excel lent	Excell ent	Yes	Yes
SSHWETHA	1KS16 EC076	Jaaga labs	Hardware electronics	Excell ent	Excell ent	Excellen t	Excell ent	Excel lent	Excel lent	Excell ent	Yes	Yes
BHOOMIK A P M	1KS16 EC017	Ideal edhucraft technolog ies	IOT and embedded systems	Good	Good	Good	Excell ent	Good	Good	Good	Yes	Yes
HARSHINI B S	1KS16 EC028	Tekatron	Embedded systems	Good	Good	Good	Excell ent	Good	Good	Good	Yes	Yes
VIDYA B	1KS16 EC109	RAPSOL TECHNO LOGIES PVT LTD	Webpage developme nt	Good	Fair	Fair	Good	Good	Fair	Good	Yes	No
RAMYA M S	1KS16 EC071	DRDO(D efence Reasearc h and Develop ment Organizat ion)	Microcontr oller based temperatur e monitering and alarm	Excell ent	Good	Good	Excell ent	Excel lent	Excel lent	Excell ent	Yes	Yes
MOHAMM ED WALEED	1KS16 EC051	Inventero n	Embedded System and IoT	Excell ent	Excell ent	Excellen t	Excell ent	Excel lent	Excel lent	Excell ent	Yes	Yes
BHARATH R	1KS16 EC016	Inventero n Technolo gies	Internet of Things	Good	Good	Good	Good	Good	Good	Good	No	No
PRATHIK SHA P	1KS16 EC063	ROSC AUTO CPR PRIVATE LIMITED	INTERNE T OF THINGS	Excell ent	Good	Excellen t	Excell ent	Good	Good	Excell ent	Yes	Yes
DEEPAK LAMANI	1KS16 EC024	SMEC LABS PVT LMTD	IOT	Good	Good	Good	Good	Good	Good	Good	No	Yes
RASHMIS	1KS16 EC072	DRDO,A DE	Microcontr ollers	Excell ent	Excell ent	Excellen t	Excell ent	Excel lent	Excel lent	Excell ent	Yes	Yes
SAHANA D	1KS16 EC079	Ensatus Technolo gy India Private Limited	Android and iOS and developme nt	Excell ent	Excell ent	Excellen t	Excell ent	Excel lent	Excel lent	Excell ent	Yes	Yes
SUMA B S	1KS16 EC099	IDEAL EDUCRA FT TECHNO LOGY	lot and Embedded systems	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
HARITHA K	1KS17 EC406	Teckatron	Embedded	Excell ent	Good	Fair	Good	Good	Good	Fair	Yes	Yes
HARITHA	1KS17	Tectron	Embedded	Excell	Fair	Good	Good	Good	Good	Excell	Yes	No

K	EC406			ent						ent		
SHEETHA L J RAO	1KS16 EC085	Ensatus technology	Android development	Excellent	Good	Good	Excellent	Excellent	Excellent	Good	Yes	Yes
DEEPIKA. M	1KS16 EC025	Tekatron	Embedded systems	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Good	Yes	Yes
KOMAL KHANDELWAL	1KS16 EC036	Sai Tektronics	IOT	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
DIVYALK SHMI G	1KS16 EC026	IDEAL EDUCRAFT TECHNOLOGIES	Embedded systems and IOT	Good	Excellent	Excellent	Good	Good	Good	Good	Yes	Yes
SARAH AHMED	1KS16 EC083	Vivarttana	Big data	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
PRIYA S	1KS16 EC067	Rapsol Technologies Pvt. Ltd	Web Design	Good	Fair	Good	Good	Good	Good	Good	Yes	Yes
ONKAR MISHRA	1KS16 EC060	SMEC LABS	IOT	Excellent	Good	Good	Good	Good	Good	Good	No	Yes
ANUSHA RAJ D	1KS16 EC010	Bosch	-	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
T G NITHYA	1KS16 EC102	People tech	Web application	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
VIDHYA KS	1KS16 EC108	RAPSOL TECHNOLOGY	WEB DEVELOPMENT	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
VARSHINI K S	1KS16 EC105	Rapsol technologies private ltd	Webpage development	Good	Good	Good	Good	Good	Good	Good	No	No
SACHIN M G	1KS16 EC077	Contriver	IOT	Good	Good	Excellent	Good	Good	Good	Excellent, Good	Yes	Yes
NEHA J KOTWAL	1KS16 EC057	Bosch Ltd	Electronics	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
SONIKA V	1KS16 EC094	Wipro GE Healthcare	X ray division	Excellent	Excellent	Excellent	Good	Excellent	Good	Excellent	Yes	Yes
MEENAKSHI A	1KS16 EC049	Tekatron IT Solutions	Embedded systems	Good	Good	Fair	Fair	Fair	Good	Good	No	No
MEENA	1KS16 EC049	Tekatron IT Solutions	Embedded systems	Good	Good	Fair	Good	Fair	Good	Good	No	No
HARSHAM CM	1KS17 EC407	KSIT	DIGITAL AND ANALOG IC TESTER	Excellent	Excellent	Fair	Excellent, Good	Excellent, Good	Good, Fair	Excellent	Yes,	Yes

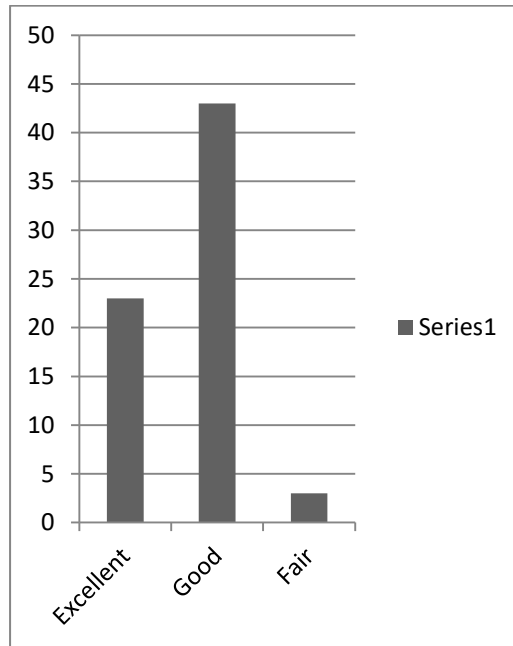
P.HEMANATH CHOWDARY	1KS15 EC071	Smec labs	IOT	Good	Good	Excellent	Excellent	Good	Excellent	Excellent	Yes	Yes
VINAY N	1KS16 EC112	SMEC	IOT, Arduino, html	Excellent	Excellent	Good	Good	Good	Excellent	Excellent	Yes	Yes
SAHANA KG	1KS16 EC080	Ensatus Technologies	IOS	Excellent	Excellent	Good	Good	Good	Good	Excellent	Yes	Yes
ANIRUDH K N	1KS16 EC009	Flip Chip Electronics Pvt LTD	PCB manufacturing	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
HARSHINI B S	1KS16 EC028	Tekatron IT solutions	Embedded systems	Good	Good	Good	Excellent	Good	Good	Good	Yes	Yes
POOJA K	1KS16 EC061	ROSC AUTO CPR PRVT LTD	IOT	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
PRATYUSHA S A	1KS16 EC064	SMEC Pvt.Ltd	IOT	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
NIKITA BALAPPA NARASANNANAVAR	1KS16 EC059	SMEC Pvt.ltd	IOt	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
CHANDRAKALAK S	1KS17 EC404	Tekatron	Embedded system	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
ARPITHA C V	1KS17 EC400	Tekatron	Embedded system	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
TEJASWINI. B	1KS17 EC413	Tekatron	Embedded system	Excellent	Good	Excellent	Excellent	Good	Excellent	Good	Yes	Yes
KUMARA B N	1KS16 EC419	RUHM pvt ltd	IOTbased	Good	Good	Good	Good	Fair	Good	Good	Yes	Yes
ISHWAR MANNIKERI	1KS16 EC416	RUHM pvt Ltd	IOT based	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
PRATHIK SHA P	1KS16 EC063	Rosc auto CPR private limited	Internet of things	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
PRATHIK SHA P	1KS16 EC063	Rosc auto CPR private limited	Internet of things	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
RANAJIT HKUMARN	1KS14 EC085	SMEC labs	IOT	Excellent	Good	Good	Good	Good	Good	Good	Yes	No
SHYLESH RAJ T D	1KS16 EC091	CONTRIVER	IOT, Embedded systems	Excellent	Good	Good	Good	Good	Good	Good	No	No

VASUDEV UPADHYA K S	1KS16 EC106	XYID technologies	Embedded systems	Good	Good	Excellent	Good	Excellent	Good	Good	Yes	No
TEJAS.P	1KS16 EC103	Xyid technologies	Embedded systems	Good	Good	Good	Good	Good	Good	Good	No	No
VIGNESH KUMAR V	1KS16 EC111	SMEC	IOT	Good	Good	Good	Good	Good	Good	Good	Yes	Yes
SHREYA SRINIVAS	1KS16 EC087	Vivarthana	Big data analytics	Excellent	Excellent	Good	Good	Good	Good	Good	No	Yes
SARAH AHMED	1KS16 EC083	Vivaratta	Big data	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Yes	Yes
MEGHAS HREE V	1KS16 EC050	NTTF	IOT	Good	Good	Excellent	Good	Good	Good	Good	Yes	Yes
SKANDAN	1KS16 EC092	CONTRIVER	Embedded system	Good	Excellent	Good	Good	Good	Good	Good	Yes	Yes
DARSHAN D	1KS16 EC406	Smev	IOT	Good	Good	Good	Good	Good	Good	Good	Yes	No
SUMUKH A S RAM	1KS14 EC107	SMEC Lab	Computer Language	Good	Good	Good	Good	Good	Good	Good	No	No

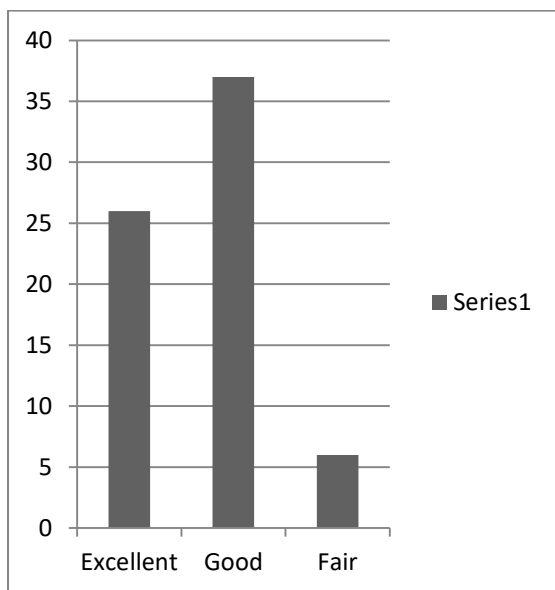
How was your experience during the internship



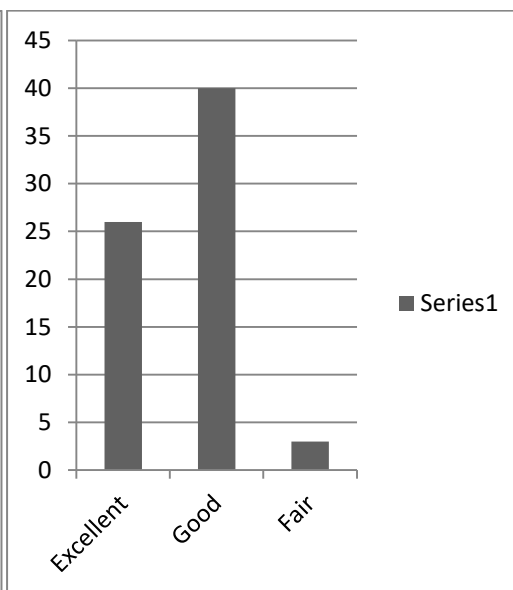
How well was the academics related to the internship work



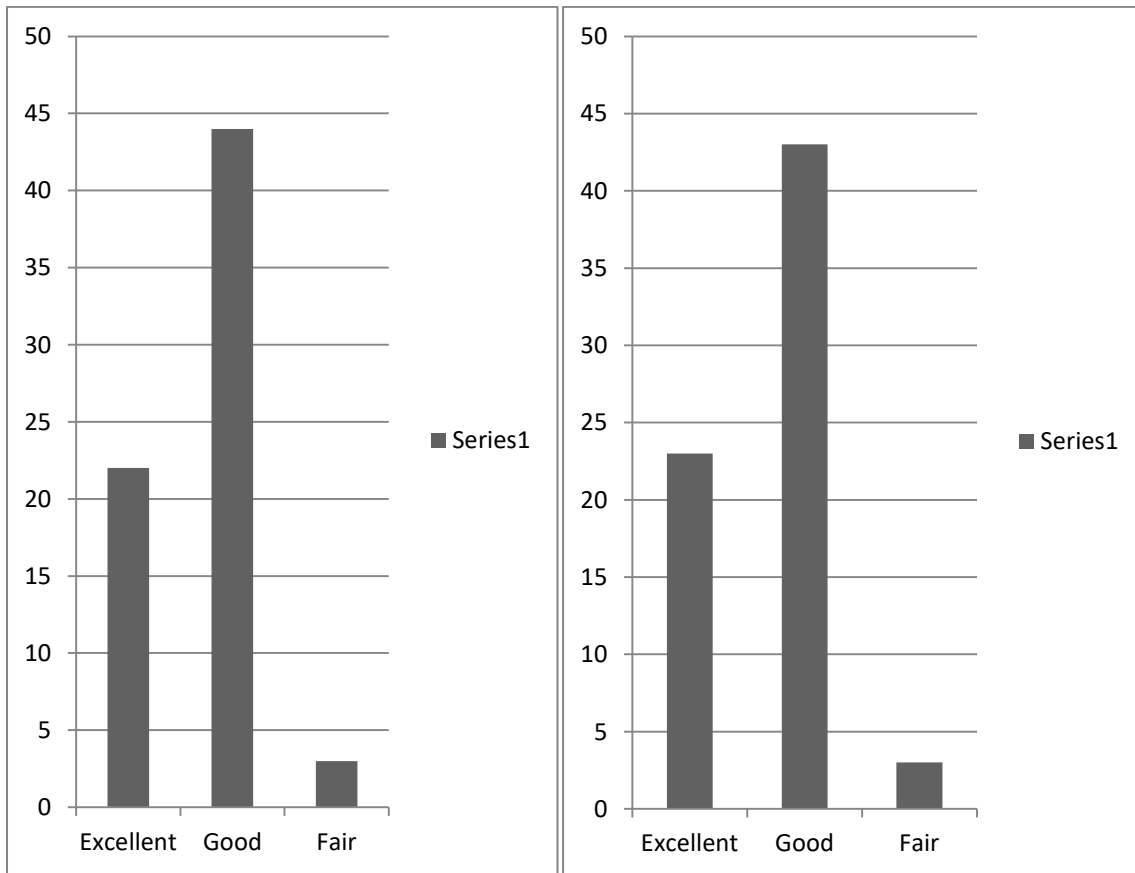
The encouragement given to take initiative beyond the job requirement



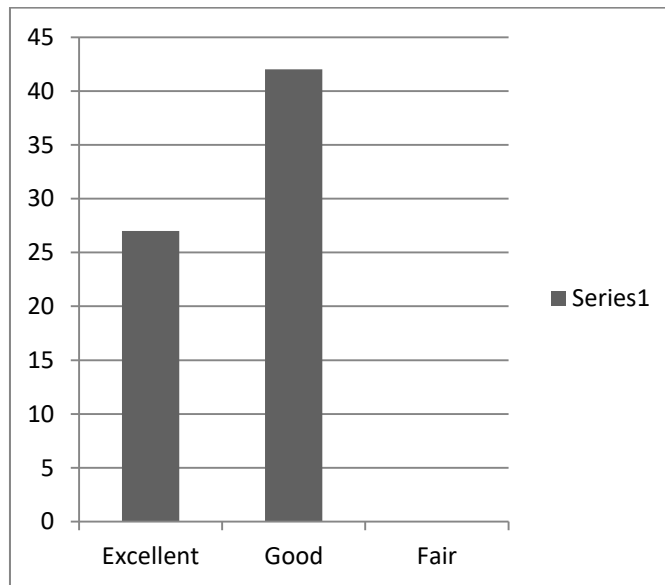
How was the supervision and the supervisors involvement in the work and clarifying of doubts



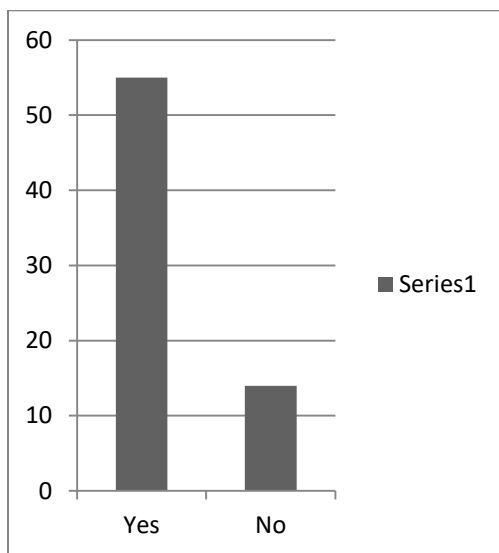
How well you have improved your skills during the Internship How would you rate the topics covered during the internship



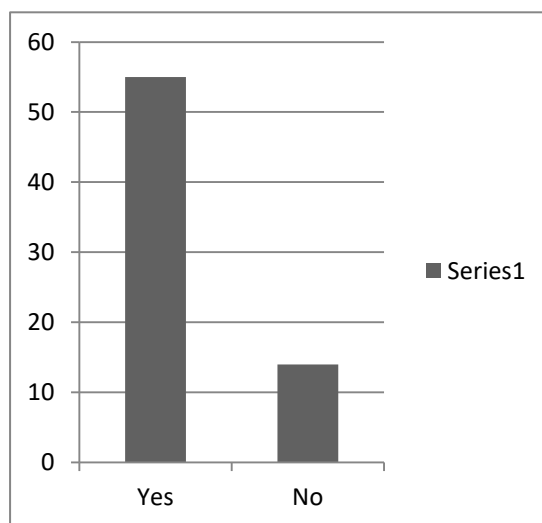
How was your overall experience in the Internship



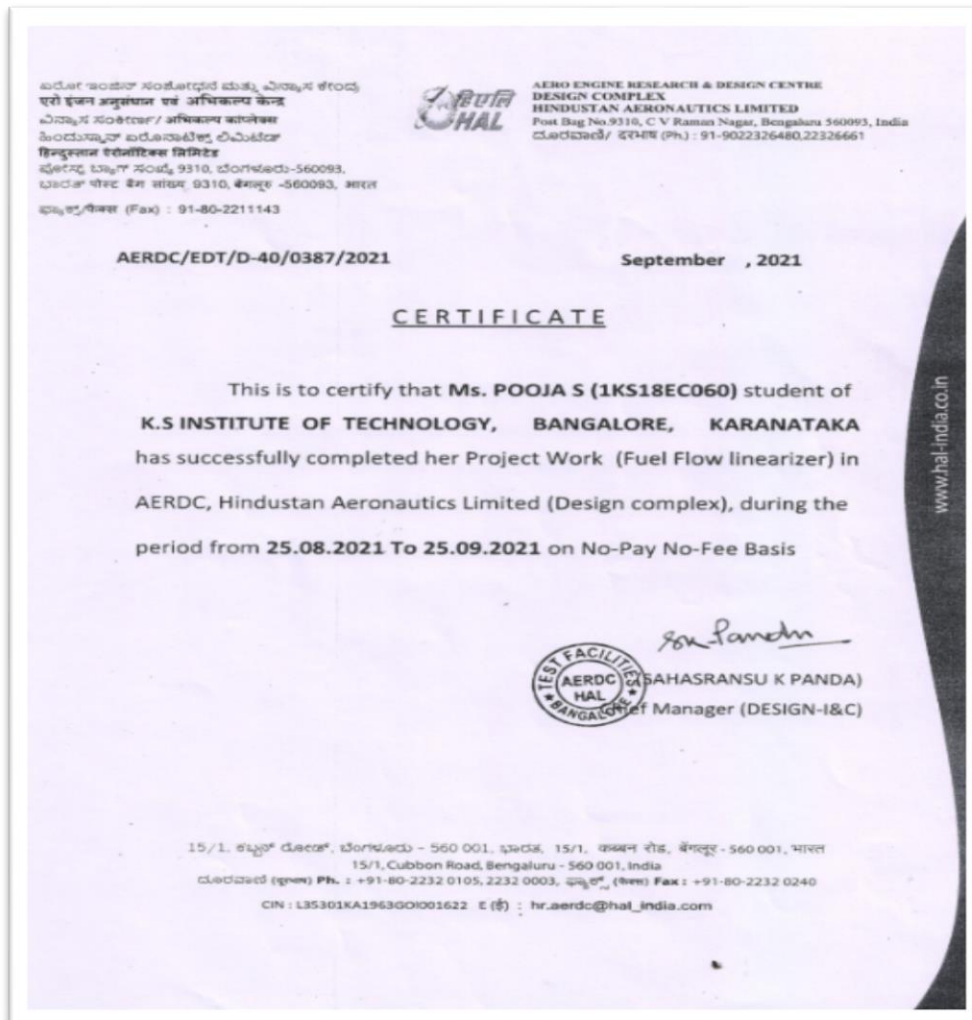
Does the Internship has helped you in Placementactivities




Would you recommend this internship to the next batch of students




Internship certificates





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रक्षा उड्डयानिकी अनुसंधान संस्थापन
DEFENCE AVIONICS RESEARCH ESTABLISHMENT
पोस्ट बॉक्स सं. 9366, सी.वी. रामन नगर, बेंगलूरु - 560093
P.B. No. 9366, C V Raman Nagar, Bengaluru - 560093


सं./No. DARE/HR/ Student training/119 दिनांक / Date : 30 May 2018

To,
HOD
Dept. of Electronics & Communication Engg.
KS Institute of technology
Bengaluru-560109
फैक्स: 080-2843 5723

Sub: Request for Internship

1. With reference to above subject, it is confirmed that this establishment is willing to accept Mr. B. Akshaya Ram(USN No.1KS15EC004) of your institution, currently pursuing BE, for Internship at our Establishment for a period of from 06th July to 06th Aug 2018 under the guidance of Mr. Charles Darwin, Sc 'E'.
2. It may be noted that, DRDO will no way be obliged to offer Employment to the students on completion of training/ attachment. In addition, DRDO will also be not liable for compensation in case of personal injury caused by accident arising out of and in the course of student attachment to this Establishment. The provisions of Apprentices Act 1961 do not apply to this scheme.

For Director on
6.7.18



(N. Chandrasekaran), Sc 'F'
GD (HR)
For Director

DARE
FAX TRANSMITTED
No. 06 Time: 16:06 PM
Date: 30/05/18 Signature


KPCL

ಕರ್ನಾಟಕ ವಿದ್ಯುತ್ ನಿಗಮ ನಿಯಮಿತ

 KARNATAKA POWER CORPORATION LTD.,
 (A premier power generating company of Government of Karnataka)

CIN U85110KA1970SGC001919

No. A1 P2 B-B1

Date: 21/08/2018

CERTIFICATE

This is to certify that Shwetha Shree. C student of BE(Electronics and Communication Engineering) has completed her Project work/Internship on "Energy Environment and Economy by Renewable Energy and Energy Conservation for Sustainable Development" at Karnataka Power Corporation Limited, Bengaluru, during July-2018 to August-2018.

She has exhibited punctuality and diligence during the Project work/Internship period.

For Karnataka Power Corporation Limited.,

For Managing Director

Shwetha Shree.C
 Student of BE.
 K.S.Institute of Technology
 #14, Raghuvanahalli
 Kanakapura Road
 Bangalore-560 062.

'ಶಕ್ತಿ ಭವನ' ನಂ. ೮೨, ರೇಸ್ ಕೋರ್ಸ್ ರಸ್ತೆ, ಬೆಂಗಳೂರು - ೫೬೦ ೦೦೧.

'Shakthi Bhavan', # 82, Race Course Road, Bangalore - 560 001.

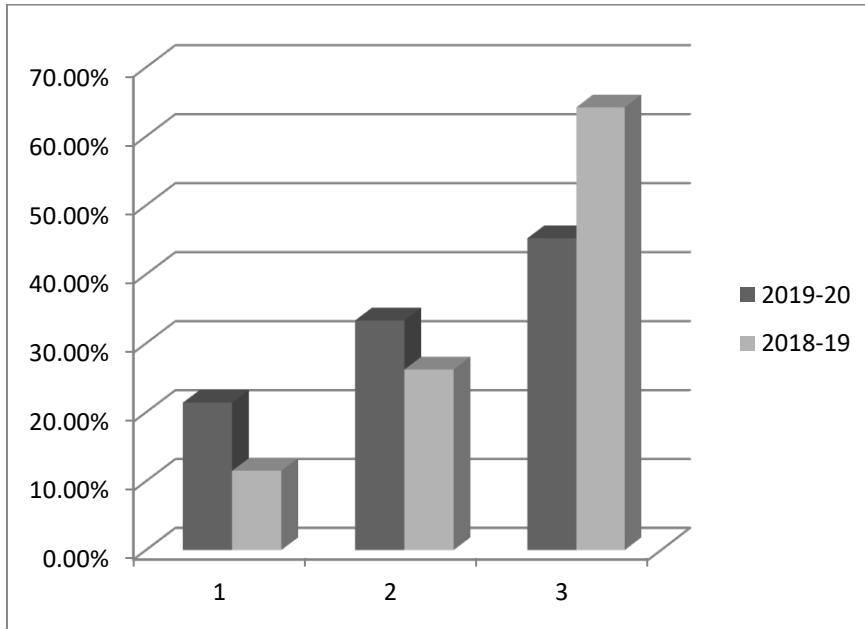
Tel : 080-2220 1820 Fax : 080-2237 0348 E-mail : gmhr@karnatakapower.com Website : www.karnatakapower.com

E. Student feedback on initiative

K.S.Institute of Technology Department of Electronics & Communication Engineering Students Feedback on initiative				
Industrial training		1 Satisfactory	2 Good	3 Excellent
How well you were able to understand the application of engineering knowledge by industry	PO1			
To what extent you were able to understand the impact of engineering solutions on society and environment.	PO7			
Rate your understanding of importance of working as an individual member in a team & the need for team work.	PO9			
How effectively you were exposed to self-learning.	PO12			
Internship				
Does your oral and communication skills improved	PO10			
Your ability to adapt to variety of skills after internship	PO4			
Knowledge and skills acquired	PO7			
Up gradation of Time Management skills	PO12			

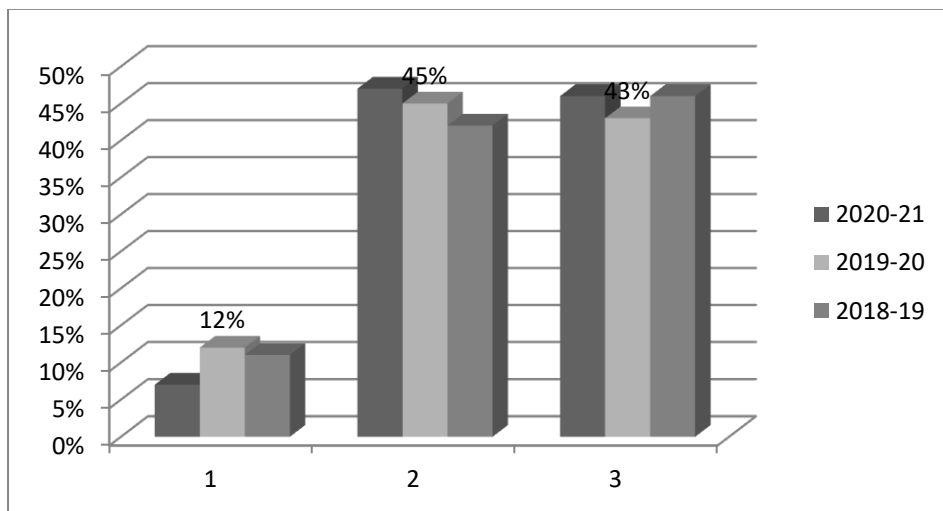
Student feedback on Industrial Visit initiative :

Year	1	2	3
2019-20	21.4%	33.33%	45.23%
2018-19	11.5%	26.2%	64.2%



Student feedback on Industrial Visit initiative:

Year	1	2	3
2020-21	7%	47%	46%
2019-20	12%	45%	43%
2018-19	11%	42%	46%



CRITERION 3	COURSE OUTCOMES AND PROGRAM OUTCOMES	120
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Total Marks: 115

3.1: Establish the correlation between the courses and the Program Outcomes (POs) and Program Specific Outcomes (PSOs) (20) **Total Marks: 20**

PSO1	Graduate should be able to understand the fundamentals in the field of Electronics and Communication and apply the same to various areas like Signal Processing, Embedded systems, Communication & Semiconductor Technology.
PSO2	Graduate will demonstrate the ability to design, develop solutions for problems in Electronics & Communication Engineering using hardware and software tools with social concerns.

3.1.1 Course Outcomes (COs) (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses and made available as evidence, if asked) (5) **Institute Marks: 5**

Table 3.1.1.1 Course Name: C202

Course Year: 2018-2019

C202.1	Make use of the fundamentals of electronic measurements to analyse various parameters of measurement
C202.2	Identify the functioning of various types of analog and digital measuring instruments.
C202.3	Examine the functioning of various types of oscilloscopes and signal generators.
C202.4	Utilize AC and DC bridges for passive component and frequency measurements.
C202.5	Analyse different types of transducers in various applications.

Table 3.1.1.2 Course Name: C211

Course Year: 2018-2019

C211.1	Develop the mathematical model of mechanical / electrical systems and obtain its transfer function using block reduction method /Signal flow graph method
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C211.2	Ability to relate transient performance parameters (overshoot, rise time, peak time and settling time) for the given system and to evaluate steady state error.
C211.3	Identify various stability criteria and determine the stability of a system in the time domain using Routh-Hurwitz criterion and Root-locus technique.
C211.4	Determine the stability of a system in the frequency domain using Nyquist and bode plots
C211.5	Develop a control system model in continuous and discrete time using state variable techniques

Table 3.1.1.3 Course Name: C304

Course Year: 2019-2020

C304.1	Apply the concepts of dependent & independent source to measure the parameters of information source.
C304.2	Construct the code words using source encoding algorithms.
C304.3	Model the continuous and discrete communication channels using input, output and joint probabilities.
C304.4	Develop continuous and discrete communication channels using input, output and joint probabilities.
C304.5	Design the encoding and decoding circuits for different channels coding techniques.

Table 3.1.1.4 Course Name: C309

Course Year: 2019-2020

C309.1	Develop the concepts of Band pass sampling to well specified signals and channels.
C309.2	Utilize the performance parameters and transfer rates for low pass and bandpass symbol under ideal and corrupted non band limited channels.
C309.3	Identify valid symbol processing and performance parameters at the receiver under ideal and corrupted bandlimited channels.
C309.4	Identify the bandpass signals when subjected to corruption and distortion during transmission over a bandlimited channel.
C309.5	Identify the need for data security using spread spectrum technique and error rate calculation.

Table 3.1.1.5 Course Name: C401

Course Year: 2020-2021

C401.1	Apply Smith charts to find solutions to transmission line problems.
C401.2	Analyse passive microwave devices using S-parameters
C401.3	Evaluate various parameters and characteristics of the microwave strip lines and devices.
C401.4	Estimate radiation patterns and performance parameters of n-isotropic antennas
C401.5	Recommend various antenna configurations based on application

Table 3.1.1.6 Course Name: C409

Course Year: 2020-2021

C409.1	Make use of the system architecture and the functional standard specified in LTE 4G.
C409.2	Identify the role of the layer of LTE radio interface protocols and EPS Data convergence protocols to set up, reconfigure and release data and voice from users.
C409.3	Establish the UTRAN and EPS handling processes from set up to release including mobility management for a variety of data call scenarios.
C409.4	Identify the difference between uplink, down link and the physical layer procedures that provide the services to upper layers.
C409.5	Evaluate the Performance of resource management and packet data processing and transport algorithms.

3.1.2: CO-PO PSO Matrices of Courses Selected in 3.1.1 (5)

Institute Marks: 5

Table 3.1.2.1 Course Name: C202

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C202.1	3	2	1	–	–	–	–	–	–	–	–	–
C202.2	3	3	1	–	–	–	–	–	–	–	–	–
C202.3	3	2	1	–	–	–	–	–	–	–	–	–
C202.4	3	2	1	–	–	–	–	–	–	–	–	–
C202.5	3	2	1	–	–	–	–	–	–	–	–	–
C202	3	2	1	–	–	–	–	–	–	–	–	–

Table 3.1.2.2 Course Name: C211

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C211.1	3	2	1	-	-	-	-	-	-	-	-	-
C211.2	3	2	1	-	-	-	-	-	-	-	-	-
C211.3	3	2	1	-	-	-	-	-	-	-	-	-
C211.4	3	2	1	-	-	-	-	-	-	-	-	-
C211.5	3	2	1	-	-	-	-	-	-	-	-	-
C211	3	2	1	-	-	-	-	-	-	-	-	-

Table 3.1.2.3 Course Name: C304

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C304.1	3	2	-	-	-	-	-	-	-	-	-	-
C304.2	3	2	-	-	-	-	-	-	-	-	-	-
C304.3	3	2	-	-	-	-	-	-	-	-	-	-
C304.4	3	2	-	-	-	-	-	-	-	-	-	-
C304.5	3	2	-	-	-	-	-	-	-	-	-	-
C304	3	2	-	-	-	-	-	-	-	-	-	-

Table 3.1.2.4 Course Name: C309

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C309.1	3	2	1	-	-	-	-	-	-	-	-	-
C309.2	3	2	1	-	-	-	-	-	-	-	-	-
C309.3	3	2	-	-	-	-	-	-	-	-	-	-
C309.4	3	2	1	-	-	-	-	-	-	-	-	-
C309.5	3	2	1	-	-	-	-	-	-	-	-	-
C309	3	2	1	-	-	-	-	-	-	-	-	-

Table 3.1.2.5 Course Name: C401

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C401.1	3	2	1	-	1	-	-	-	2	1	-	-
C401.2	3	2	1	-	1	-	-	-	2	1	-	-
C401.3	3	2	1	-	1	-	-	-	2	1	-	-
C401.4	3	2	1	-	1	-	-	-	2	1	-	-
C401.5	3	2	1	-	1	-	-	-	2	1	-	-
C401	3	2	1	-	1	-	-	-	2	1	-	-

Table 3.1.2.6 Course Name: C409

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C409.1	3	2	-	-	-	-	-	-	-	-	-	-
C409.2	3	2	-	-	-	-	-	-	-	-	-	-

C409.3	3	2	-	-	-	-	-	-	-	-	-	-
C409.4	3	2	-	-	-	-	-	-	-	-	-	-
C409.5	3	2	-	-	-	-	-	-	-	-	-	-
C409	3	2	-	-	-	-	-	-	-	-	-	-

Table 3.1.2.7 Course Name: C202

CO	PSO1	PSO2
C202.1	2	1
C202.2	3	3
C202.3	3	2
C202.4	3	2
C202.5	3	3
C202	2.8	2.2

Table 3.1.2.8 Course Name: C211

CO	PSO1	PSO2
C211.1	3	2
C211.2	3	2
C211.3	3	2
C211.4	3	2
C211.5	3	2
C211	3	2

Table 3.1.2.9 Course Name: C304

CO	PSO1	PSO2
C304.1	3	1
C304.2	3	1
C304.3	3	1
C304.4	3	1
C304.5	3	1
C304	3	1

Table 3.1.2.10 Course Name: C309

CO	PSO1	PSO2
C309.1	3	2
C309.2	3	2
C309.3	3	2
C309.4	3	2
C309.5	3	2
C309	3	2

Table:3.1.2.11 Course Name: C401

CO	PSO1	PSO2
C401.1	3	-
C401.2	3	-

C401.3	3	-
C401.4	3	-
C401.5	3	-
C401	3	-

Table 3.1.2.12 Course Name: C409

CO	PSO1	PSO2
C409.1	3	2
C409.2	3	2
C409.3	3	2
C409.4	3	2
C409.5	3	2
C409	3	2

3.1.3-A Program Level CO-PO Matrix of all Courses Including First Year Courses(10)

Institute Marks: 10

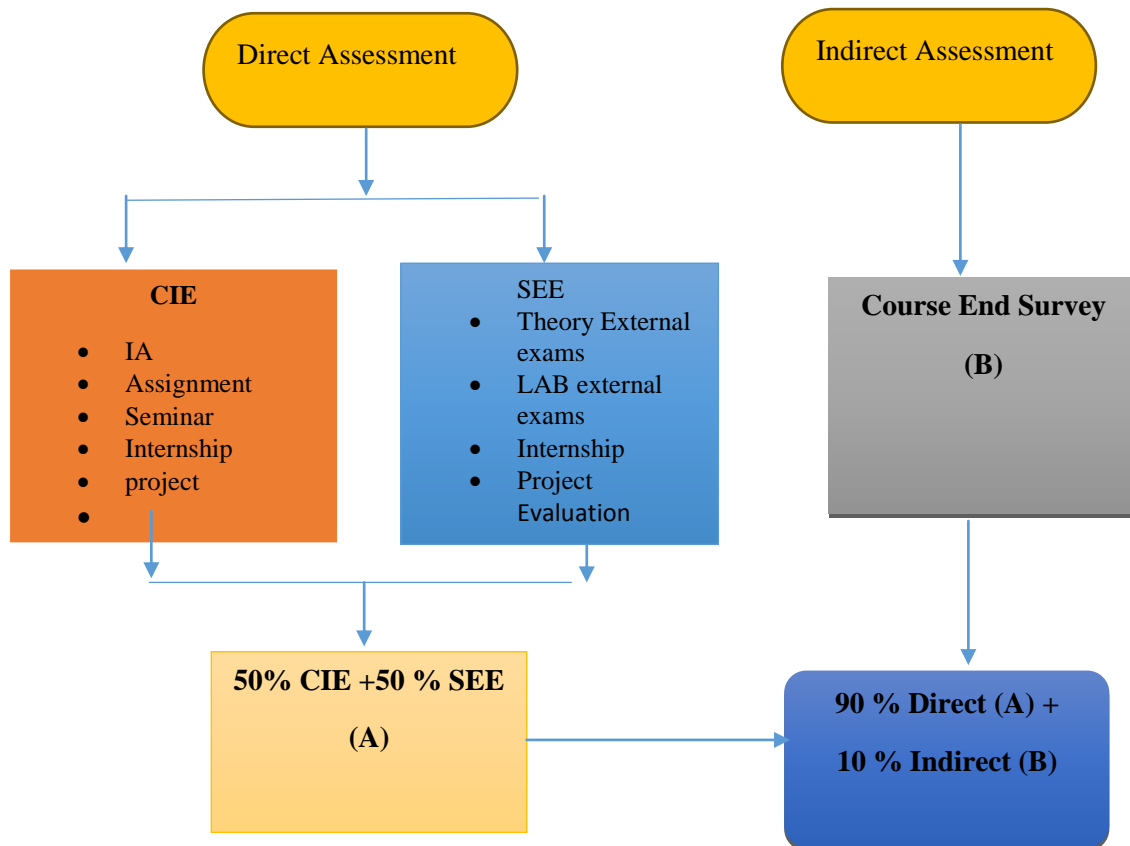
Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101/17MAT11	3	2	1.3	-	-	-	-	-	-	-	-	-
C102/17CHE12	3	2	1	1	-	-	-	-	-	-	-	-
C103/17PCD13	3	2	1	1	-	-	-	-	1	1	-	-
C104/17CED14	2.2	2.8	2	-	3	-	-	-	-	-	-	-
C105/17ELN15	3	2	-	-	-	-	-	-	-	-	-	-
C106/17CPL16	2.8	2	1.4	1.4	-	-	-	-	1	1	-	1
C107/17CHEL17	3	1	1	-	-	-	-	-	-	-	-	-
C108/17MAT21	3	2.2	1.8	-	-	-	-	-	-	-	-	-
C109/17PHY22	3	2	1	1	-	-	-	-	1.2	1	-	-
C110/17CIV23	3	3	2	1.8	1	1	-	-	1	-	-	1
C111/17EME24	2.2	1.2	-	-	-	1	-	-	-	-	1	-
C112/17ELE25	3	2	-	-	-	1	-	-	-	-	-	-
C113/17WSL26	3	2	1	1	-	1	1	-	-	-	-	1
C114/17PHYL27	3	2	1	1	-	-	-	-	1.2	1	-	-
C201/17MAT31	3	2.2	1.8	1	-	-	-	-	-	-	-	-
C202/17EC32	3	2.2	1	-	-	-	-	-	-	-	-	-
C203/17EC33	3	2	1	-	-	-	-	-	-	-	-	-
C204/17EC34	2.6	2	-	-	-	-	-	-	-	-	-	-
C205/17EC35	3	2	-	1	-	-	-	-	-	-	-	-
C206/17EC36	3	2	1	-	-	-	-	-	-	-	-	-
C207/17ECL37	2	2	2	-	-	-	-	1	2	1	-	-
C208/17ECL38	3	3	2.8	-	1	-	-	-	2	1	-	-

C209/17CPH39	-	-	-	-	-	3	3	3	-	-	-	-
C210/17MAT41	3	1.8	1	-	-	-	-	-	-	-	-	-
C211/17EC42	3	2	-	-	-	-	-	-	-	-	-	-
C212/17EC43	3	2	1	-	-	-	-	-	-	-	-	-
C213/17EC44	2	2	-	-	-	-	-	-	-	-	-	-
C214/17EC45	3	2	1	-	-	-	-	-	-	-	-	-
C215/17EC46	3	2	1	-	-	-	-	-	-	-	-	-
C216/17ECL47	3	3	-	2	1	-	-	-	2	1	-	1
C217/17ECL48	3	3	-	2	1	-	-	-	1	1	-	1
C218/17CPH49	-	-	-	-	-	2	-	-	-	2	-	-
C301/17ES51	-	-	-	-	-	2	-	2	2	2	2	-
C302/17EC52	3	2	-	-	-	-	-	1	-	-	-	-
C303/17EC53	2.8	1.8	-	-	-	-	-	-	-	-	-	1
C304/17EC54	3	2	-	-	-	-	-	-	-	-	-	-
C307/17ECL57	3	2	1	-	3	-	-	1	2	2	-	-
C308/17ECL58	3	2	2	-	2	-	-	-	2	1	-	-
C309/17EC61	3	2	1	-	-	-	-	-	-	-	-	-
C310/17EC62	3	3	-	-	-	-	-	-	-	-	-	-
C311/17EC63	3	2	1	-	-	-	-	-	-	-	-	-
C312/17EC64	3	2	1	-	1	-	-	-	2	1	-	-
C315/17ECL67	2.2	2.8	1.8	1	2	-	-	-	2	2	-	-
C316/17ECL68	2.8	1.8	1	-	1	-	-	-	2.8	1	-	-
C401/17EC71	3	2	1	-	1	-	-	-	2	1	-	-
C402/17EC72	2	2	-	-	-	-	-	-	-	-	-	-
C403/17EC73	3	1.8	2	-	-	1	-	-	-	-	-	-
C404/17EC744	3	2	-	1	-	-	-	-	-	1	-	-
C406/17ECL76	2	2	2	1.6	-	-	1	2	2	-	-	3
C407/17ECL77	3	1.8	2	1.6	2	-	-	1	2	-	-	-
C408/17ECP78	3	2	-	-	-	-	-	-	-	-	-	-
C409/17EC81	2	2	-	-	-	-	-	-	-	-	-	-
C410/17EC82	3	3	2	2	1	2	1	1	3	3	2	2
C412/17EC84	3	3	3	3	2.7	3	2	2	3	2.2	2.4	3
C413/17ECP85	2	2	2	-	-	1	1	-	2	3	-	2
C414/17ECS86	2	2	2	-	-	1	1	-	2	3	-	2

3.1.3-B Program Level Course-PSO Matrix of all Courses Including First Year Courses

Course Code	PSO1	PSO2
C101/17MAT11	1.6	–
C102/17CHE12	1	–
C103/17PCD13	–	–
C104/17CED14	–	1
C105/17ELN15	2.8	–
C106/17CPL16	–	–
C107/17CHEL17	1	–
C108/17MAT21	2.5	–
C109/17PHY22	2	–
C110/17CIV23	–	1
C111/17EME24	1	1
C112/17ELE25	2	1.6
C113/17WSL26	–	–
C114/17PHYL27	2	–
C201/17MAT31	1.6	–
C202/17EC32	2.8	2.2
C203/17EC33	3	3
C204/17EC34	3	1
C205/17EC35	3	1
C206/17EC36	3	1
C207/17ECL37	3	2.8
C208/17ECL38	3	3
C209/17CPH39	–	–
C210/17MAT41	1.2	–
C211/17EC42	2.6	1
C212/17EC43	3	2
C213/17EC44	2.6	1
C214/17EC45	3	2
C215/17EC46	3	2
C216/17ECL47	3	2
C217/17ECL48	3	2
C218/17CPH49	–	–

C301/17ES51	–	–
C302/17EC52	3	2
C303/17EC53	2.8	2.2
C304/17EC54	3	1
C307/17ECL57	3	3
C308/17ECL58	3	3
C309/17EC61	3	2
C310/17EC62	3	2
C311/17EC63	3	2
C312/17EC64	3	2
C315/17ECL67	3	2
C316/17ECL68	2.8	2
C401/17EC71	3	–
C402/17EC72	3	1
C403/17EC73	3	2
C404/17EC744	3	2
C406/17ECL76	3	0
C407/17ECL77	3	2.8
C408/17ECP78	2	1
C409/17EC81	3	2
C410/17EC82	3	1.6
C412/17EC84	3	3
C413/17ECP85	3	3
C414/17ECS86	3	–

3.2. Attainment of Course Outcomes (50)**Total Marks: 45****3.2.1. Describe the Assessment Processes Used to Gather the Data Upon which the Evaluation of Course Outcome is Based (10)****Institute Marks: 10**

A=50% CIE(Continuous Internal Evaluation) +50% SEE(Semester End Exam)

B=Course End survey

Fig:1 CO Attainment calculation method

Assessment Processes Used to Gather the Data upon which the Evaluation of Course Outcomes are based

Assessment Tools

- Direct Assessment
- Indirect Assessment

Direct Assessment

- Internal Theory Assessment
- Internal Lab Assessment

- University Examination
- Internship
- Project work
- Technical Seminar

Internal Theory Assessment

- After commencement of the course, the Department will conduct three internal tests, scheduled in accordance with the university and college calendar of events.
- The Internal Assessment schedule and conduction will be monitored by Internal Assessment (IA) Coordinators.
- The Course owner will prepare the Question papers and Scheme of Evaluation for their respective course and submit to IA coordinators.
- The question paper will be scrutinized by the Module Coordinator.
Two Question papers (set A and set B) will be set for each Course. Among them, one will be randomly selected by the principal.
- The course owner will follow scheme and solutions for each test and evaluate the performance of students.

Internal Lab Assessment

- Laboratory in-charge faculties will follow common guidelines, for evaluation of experiments conducted.

Seminar Work Evaluation

- The Head of the Department selects a senior faculty member as a Seminar coordinator. He/She, along with other faculty would assess the technical seminar presentations by students. He/she ensures that the student would choose advanced topics in Electronics and Communication and allied research areas with a lot of relevance and applicability.
- Every student has to present the chosen topic in the eighth semester as per the schedule indicated in Time Table.
- Seminar coordinators evaluate according to common guidelines.

Internship

- The student will undergo an internship for 4 weeks according to VTU regulations.
- The Head of the Department nominates a faculty for a group of students to prepare the students for internship. The students shall report the progress of the internship to the guide in regular intervals and may seek his/her advise.
- Students will submit a report to the college with the approval of both internal and external guides.
- There will be 50 Internal and 50 External marks for Internship. The guide shall be the internal examiner and IA marks out of 50 are to be awarded by

the internal guide after evaluating the presentation and the report submitted by the student.

- Viva-Voce on internship will be conducted at the end of the semester.
- Viva-Voce on internship will be conducted by the examiners and they evaluate the presentation and report for 50 marks.

Project Work Evaluation

- Each faculty give few topics in their domain for the students. Students can select one topic based on their interest and carry out the project under their guidance.
- Synopsis will be submitted to the project coordinators for scrutinizing.
- Each internal guide will continuously monitor their students on a weekly basis to observe the progress in their work.
- The project guide along with project coordinators conduct three project reviews as per the regulations, and then submit the Internal Assessment marks to the Head of The Department.
- External Project Viva voce is conducted by the internal examiner and external examiner deputed by the University. Based on the viva voce, the marks are awarded to the students and submitted to university.
- The students participate in project exhibition conducted by the department. The department also encourages students to participate in Project Exhibition conducted in other colleges as well as apply for funding.
- The Project Guides motivate and guide the students to publish their work in conference/journals.

Table 3.2.1.1: Direct Assessment Tools

Sl. No.	Components	Sub-Components	Weightage (%)	Total Weightage (%)
A1	Theory	a. Three Internal Tests	50	90
		b. One University Exam	50	
A2	Laboratory	a. Continuous Evaluation through observation book, record book and Viva Voce	50	90
		b. Two Internal Tests		
		c. University Exam	50	
A3	Internship	a. Internal evaluation of Internship	50	100
		b. External evaluation of Internship	50	

A4	Technical Seminar	Internal Evaluation	100	100
A5	Project Work	a. Internal evaluation of project work	50	100
		b. External evaluation of project work	50	

Indirect Assessment

Course End Survey: Course End Surveys are used to evaluate the attainment of COs. At the end of each semester in an academic year, Course End Survey is taken from the students for each Course on the basis of questionnaires related to Course Outcome of individual Course.

Table 3.2.1.2: Indirect Assessment

Sl. No.	Components	Sub Component	Weightage (%)
A1	Theory	Course End Survey	10
A2	Laboratory	Course End Survey	10

Table 3.2.1.3: CO Attainment Calculation

Sl.No	Final CO attainment calculation
1	The attainment level in the test for each CO and University attainment level are entered. 50% of university attainment level is considered as [N1] and 50% of internal test attainment level is considered as [N2] for every CO.
2	The attainment is calculated as [N1 + N2] for every CO. 90% of this will be calculated as [N3].
3	10% of Course end survey attainment level is obtained as [N4].
4	The direct attainment of the course is given by [N3 + N4] for every CO.

Process followed for calculation of CO Attainment

A1) Theory course

Table 3.2.1.4: Internal Assessment

Steps	Process for calculating attainment through Internal Assessment
1	The marks scored by the students in test, are categorized based on CO's.

2	The total number of students appearing for the COs and the no. of students scoring $\geq 60\%$ marks is identified. Percentage is calculated as: [No. of students scoring $\geq 60\%$ marks/ Total no. of students appearing for that particular CO]
3	Attainment levels are defined at the department level as: Level 3 – 60% students should have scored $\geq 60\%$ [in Internal Assessment] Level 2 – 55% students should have scored $\geq 60\%$ [in Internal Assessment] Level 1 – 50% students should have scored $\geq 60\%$ [in Internal Assessment]
4	Based on the percentage obtained, the attainment level for each of the CO is identified.

Table 3.2.1.5: External Assessment

Steps	Process for calculating attainment through university exam
1	Set target of 60% for external assessment is obtained from the university exam for each course.
2	The university exam marks obtained by the student for every subject is considered and the no. of students scoring greater than the set target [60%] is calculated [N1]. The total no. of students appearing for the course is identified as [N]. The percentage of students scoring greater than the set target is computed as $N1/N * 100$
3	Attainment levels are defined as: Level 3 – 60% students should have scored $\geq 60\%$ of Maximum marks Level 2 – 55% students should have scored $\geq 60\%$ of Maximum marks Level 1 – 50% students should have scored $\geq 60\%$ of Maximum marks
4	Based on the percentage computed in step 2 the attainment level is fixed.

Table 3.2.1.6: Course End Survey

Steps	Process for calculating attainment through Course end survey
1	Course end survey (CES) is taken at the end of the semester for all courses.
2	The department attainment levels defined for CES are: Level 3 – 60% students should have rated Good and above Level 2 – 55% students should have rated Good and above Level 1 – 50% students should have rated Good and above
3	CES is tabulated and no. of students giving a rating as Good and above is identified [N1]. The total students participating in the survey is identified [N]. The percentage is calculated as $[N1 / N * 100]$
4	Based on the percentage obtained in step 3 the attainment level is obtained

Table 3.2.1.7: Final CO attainment calculation

Steps	Final CO attainment calculation for Theory
1	The attainment percentage of both CIE and SEE are entered. 50% of university attainment is considered as [N1] and 50% of internal test attainment is considered as [N2] for every CO.
2	The attainment is calculated as [N1 + N2] for every CO. 90% of this will be considered as [N3].
3	10% of Course end survey attainment level is considered as [N4]-Indirect attainment
4	The final attainment of the course is given by [N3 + N4] for every CO.

3.2.2. Record the Attainment of Course Outcomes of all Courses with Respect to Set Attainment Levels (40)

Institute Marks: 35

A. Verification of attainment levels as per the benchmark set for all the courses

Table 3.2.2.1: Attainment of Course Outcomes

Course Code	CO1	CO2	CO3	CO4	CO5	Avg.
C101/17MAT11	3.00	3.00	3.00	3.00	3.00	3.00
C102/17CHE12	3.00	3.00	3.00	3.00	3.00	3.00
C103/17PCD13	3.00	3.00	3.00	3.00	3.00	3.00
C104/17CED14	2.00	3.00	3.00	3.00	3.00	2.80
C105/17ELN15	1.20	2.10	2.10	2.10	2.10	1.92
C106/17CPL16	3.00	3.00	3.00	3.00	3.00	3.00
C107/17CHEL17	3.00	3.00	3.00	3.00	3.00	3.00
C108/17MAT21	3.00	3.00	3.00	3.00	3.00	3.00
C109/17PHY22	3.00	3.00	3.00	3.00	3.00	3.00
C110/17CIV23	3.00	3.00	3.00	3.00	3.00	3.00
C111/17EME24	3.00	3.00	3.00	3.00	3.00	3.00
C112/17ELE25	3.00	3.00	3.00	3.00	3.00	3.00
C113/17WSL26	3.00	3.00	3.00	3.00	3.00	3.00
C114/17PHYL27	3.00	3.00	3.00	3.00	3.00	3.00
C201/17MAT31	3.00	3.00	3.00	3.00	3.00	3.00
C202/17EC32	3.00	3.00	3.00	3.00	3.00	3.00
C203/17EC33	1.20	2.10	1.20	2.10	2.10	1.74
C204/17EC34	3.00	3.00	3.00	3.00	3.00	3.00
C205/17EC35	0.30	0.30	0.30	0.30	0.30	0.30
C206/17EC36	1.20	1.20	1.20	1.20	1.20	1.20
C207/17ECL37	3.00	3.00	3.00	3.00	3.00	3.00

C208/17ECL38	3.00	3.00	3.00	3.00	3.00	3.00
C209/17CPH39	3.00	3.00	3.00	3.00	3.00	3.00
C210/17MAT41	3.00	3.00	3.00	3.00	3.00	3.00
C211/17EC42	3.00	2.10	1.20	1.20	3.00	2.10
C212/17EC43	0.30	0.30	0.30	0.30	1.20	0.48
C213/17EC44	0.30	0.30	0.30	1.20	1.20	0.66
C214/17EC45	3.00	3.00	3.00	3.00	3.00	3.00
C215/17EC46	1.20	0.30	0.30	0.30	1.20	0.66
C216/17ECL47	3.00	3.00	3.00	3.00	3.00	3.00
C217/17ECL48	3.00	3.00	3.00	3.00	3.00	3.00
C218/17CPH49	1.20	1.20	1.20	1.20	1.20	1.20
C301/17ES51	3.00	3.00	3.00	3.00	3.00	3.00
C302/17EC52	1.20	0.30	1.20	1.20	1.20	1.02
C303/17EC53	3.00	3.00	3.00	3.00	3.00	3.00
C304/17EC54	3.00	3.00	3.00	3.00	3.00	3.00
C307/17ECL57	3.00	3.00	3.00	3.00	3.00	3.00
C308/17ECL58	3.00	3.00	3.00	3.00	3.00	3.00
C309/17EC61	2.10	1.20	2.10	2.10	2.10	1.92
C310/17EC62	1.20	0.30	2.10	2.10	2.10	1.56
C311/17EC63	0.30	0.30	1.20	1.20	1.20	0.84
C312/17EC64	1.20	0.30	2.10	1.20	1.20	1.20
C315/17ECL67	3.00	3.00	3.00	3.00	3.00	3.00
C316/17ECL68	3.00	3.00	3.00	3.00	3.00	3.00
C401/17EC71	1.20	2.10	2.10	0.30	0.30	1.20
C402/17EC72	3.00	3.00	3.00	2.10	0.30	2.28
C403/17EC73	2.10	1.20	1.20	0.30	0.30	1.02
C404/17EC744	2.10	2.10	2.10	1.20	0.30	1.56
C406/17ECL76	3.00	3.00	3.00	3.00	3.00	3.00
C407/17ECL77	3.00	3.00	3.00	3.00	3.00	3.00
C408/17ECP78	3.00	3.00	3.00	3.00	3.00	3.00
C409/17EC81	3.00	3.00	3.00	3.00	3.00	3.00
C410/17EC82	3.00	3.00	3.00	3.00	3.00	3.00
C412/17EC84	3.00	3.00	3.00	3.00	3.00	3.00
C413/17ECP85	3.00	3.00	3.00	3.00	3.00	3.00
C414/17ECS86	3.00	3.00	3.00	3.00	3.00	3.00

3.3 Attainment of Program Outcomes and Program Specific Outcomes (50)

Total Marks: 50

3.3.1 Describe Assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes (10)

Institute Marks: 10

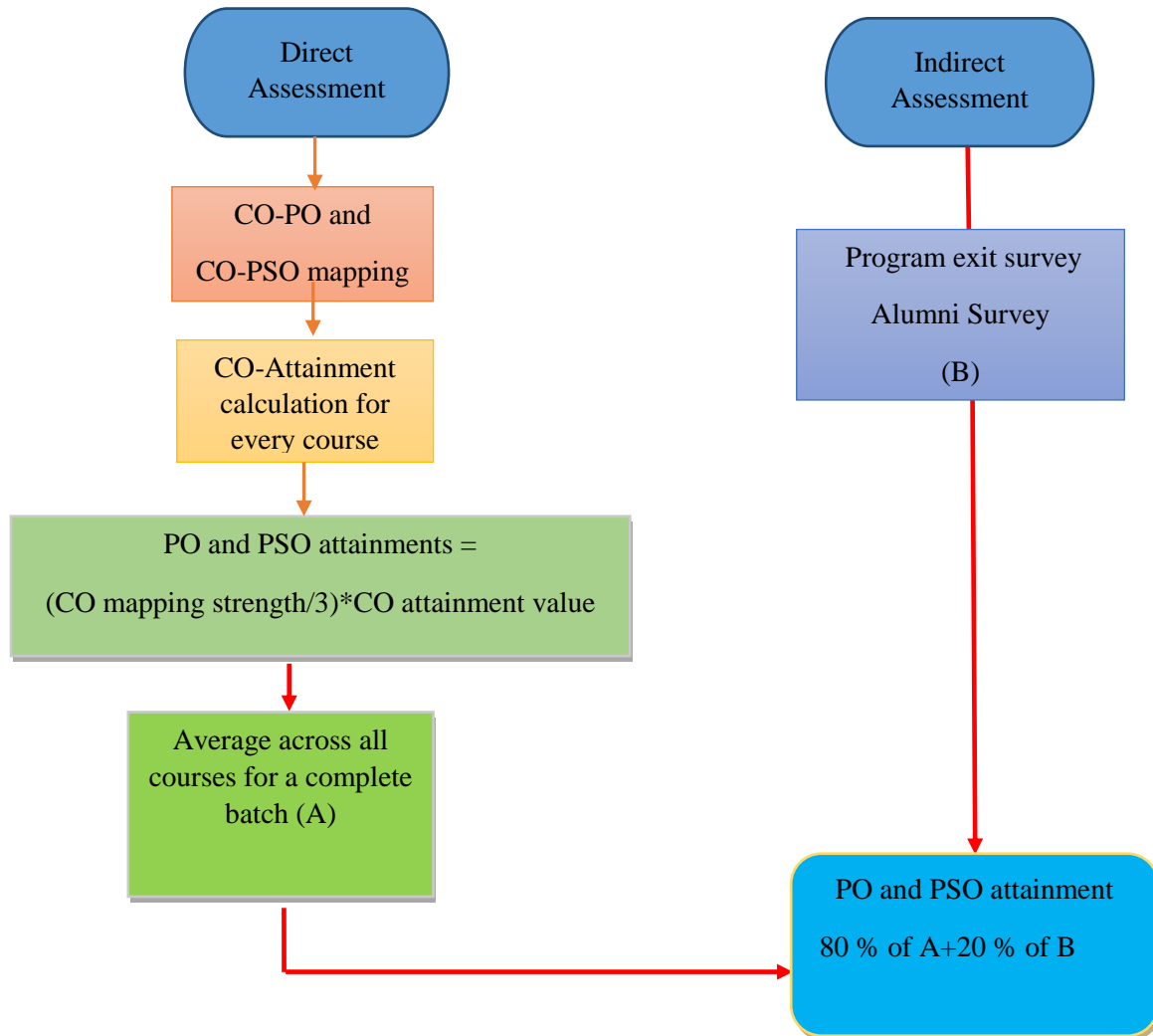


Fig2: PO and PSO Attainment calculation method

The process used to gather the data for evaluation of program outcome is obtained from:

Direct Assessment-

The assessment tools are:

- Internal Theory Assessments (IA).
- Assignments.
- Lab IA
- Seminars.

- Project Work.
- Internship
- Semester End Examinations (SEE).

Table 3.3.1.1: Details about Direct Assessment Tools

Direct Assessment Tools	Frequency	Assessment Process	Responsibility
Internal Assessment Test	3 Per Semester	IA Test is conducted & evaluated by the concerned Course owner and I.A Marks are uploaded to the University Web Portal.	Department
Assignments/Group Assignments	Min 3 per semester	Assignments are conducted & evaluated by Course owner and Marks will be added to the I.A Marks.	Department
Lab I.A	2 Per Semester	At the end of the Semester, Lab IA will be conducted & evaluated by faculty in charge.	Department
Seminars	1 per semester	Seminars are conducted & evaluated by Seminar coordinator and Guide.	Department
Project Assessment	1 per year (Final Year)	Project Assessments are evaluated by Project Coordinator and Guide.	Department
Internship	1 per year (Final Year)	Internship is evaluated both internally and externally.	Department
Semester End Lab Examination	1 Per Semester	Final Lab Examination is conducted and evaluated by Internal and External Examiners allotted by the University.	University
Semester End Examination	1 Per Semester	Semester End Examinations conducted and evaluated by university.	University

Indirect Assessment**Program Exit Survey**

The program exit survey identifies twelve broad program learning outcomes and two program specific outcomes related to graduate education and asks graduates to indicate the level of preparation provided by their graduate program. This type of survey can also point to areas in which the institution should invest more or less resources to enhance a student's learning and development experience.

Alumni Survey

The Alumni Survey is designed to give graduates an opportunity to reflect upon their years after graduation. This information is used to improve the college experience for future students by identifying strengths in our programs as well as areas that need further development. The survey includes issues relating to satisfaction regarding academic programs, intellectual and personal growth, student services, and preparation for a career.

Table 3.3.1.2: Indirect Assessment Tools

Indirect Assessment Tools	Frequency	Assessment Process	Responsibility
Program Exit Survey	End of the Program	Based on questionnaires related to PO/PSO	Department
Alumni Survey	After graduation	Based on questionnaires related to PO/PSO	Department

3.3.2 Provide Results of Evaluation of each PO & PSO (40)

Institute Marks: 40

Table: 3.3.2.1 PO Attainment

Course Code	PO1	PO2	PO3	PO4	PO 5	PO6	PO7	PO8	PO9	PO10	PO1 1	PO12
C101/17MAT11	3.00	2.00	1.33	_	_	_	_	_	_	_	_	_
C102/17CHE12	3.00	2.00	1.00	1.00	_	_	_	_	_	_	_	_
C103/17PCD13	3.00	2.00	1.00	1.00	_	_	_	_	1.00	1.00	_	_
C104/17CED14	2.20	2.80	2.00	_	3.00	_	_	_	_	_	_	_
C105/17ELN15	1.92	1.28	_	_	_	_	_	_	_	_	_	_

C106/17CPL16	2.80	2.00	1.40	1.40	-	-	-	-	1.00	1.00	-	0.93
C107/17CHEL17	3.00	1.00	1.00	-	-	-	-	-	-	-	-	-
C108/17MAT21	3.00	2.20	1.80	-	-	-	-	-	-	-	-	-
C109/17PHY22	3.00	2.00	1.00	1.00	-	-	-	-	1.20	1.00	-	-
C110/17CIV23	3.00	3.00	2.00	1.80	1.00	1.00	-	-	1.00	-	-	1.00
C111/17EME24	2.20	1.20	-	-	-	1.00	-	-	-	-	1.00	-
C112/17ELE25	3.00	2.00	-	-	-	1.00	-	-	-	-	-	-
C113/17WSL26	3.00	2.00	1.00	1.00	-	1.00	1.00	-	-	-	-	1.00
C114/17PHYL27	3.00	2.00	1.00	1.00	-	-	-	-	1.20	1.00	-	-
C201/17MAT31	3.00	2.20	1.80	1.00	-	-	-	-	-	-	-	-
C202/17EC32	3.00	2.20	1.00	-	-	-	-	-	-	-	-	-
C203/17EC33	1.74	1.16	0.58	-	-	-	-	-	-	-	-	-
C204/17EC34	0.26	0.20	-	-	-	-	-	-	-	-	-	-
C205/17EC35	3.00	2.00	-	1.00	-	-	-	-	-	-	-	-
C206/17EC36	1.20	0.80	0.40	-	-	-	-	-	-	-	-	-
C207/17ECL37	2.00	2.00	2.00	-	-	-	-	1.00	2.00	1.00	-	-
C208/17ECL38	3.00	3.00	2.80	-	1.00	-	-	-	2.00	1.00	-	-
C209/17CPH39	-	-	-	-	-	3.00	3.00	3.00	-	-	-	-
C210/17MAT41	3.00	1.80	1.00	-	-	-	-	-	-	-	-	-
C211/17EC42	2.10	1.40	-	-	-	-	-	-	-	-	-	-
C212/17EC43	0.48	0.32	0.16	-	-	-	-	-	-	-	-	-
C213/17EC44	0.44	0.44	-	-	-	-	-	-	-	-	-	-
C214/17EC45	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-
C215/17EC46	0.66	0.44	0.22	-	-	-	-	-	-	-	-	-
C216/17ECL47	3.00	3.00	-	2.00	1.00	-	-	-	2.00	1.00	-	1.00
C217/17ECL48	3.00	3.00	-	2.00	1.00	-	-	-	1.00	1.00	-	1.00
C218/17CPH49	-	-	-	-	-	0.80	-	-	-	0.80	-	-
C301/17ES51	-	-	-	-	-	2.00	-	2.00	2.00	2.00	2.00	-
C302/17EC52	1.02	0.68	-	-	-	-	-	0.34	-	-	-	-
C303/17EC53	2.80	1.80	-	-	-	-	-	-	-	-	-	1.00
C304/17EC54	2.82	1.88	-	-	-	-	-	-	-	-	-	-
C307/17ECL57	3.00	2.00	1.00	-	3.00	-	-	1.00	2.00	2.00	-	-
C308/17ECL58	3.00	2.00	2.00	-	2.00	-	-	-	2.00	1.00	-	-
C309/17EC61	1.92	1.28	0.63	-	-	-	-	-	-	-	-	-
C310/17EC62	1.56	1.56	-	-	-	-	-	-	-	-	-	-
C311/17EC63	0.84	0.56	0.28	-	-	-	-	-	-	-	-	-
C312/17EC64	1.20	0.80	0.40	-	0.40	-	-	-	0.80	0.40	-	-
C315/17ECL67	2.07	2.93	1.93	1.00	2.00	-	-	-	2.00	2.00	-	-
C316/17ECL68	2.80	1.80	1.00	-	1.00	-	-	-	2.80	1.00	-	-
C401/17EC71	1.20	0.80	0.40	-	0.40	-	-	-	0.80	0.40	-	-
C402/17EC72	1.52	1.52	-	-	-	-	-	-	-	-	-	-
C403/17EC73	1.02	0.54	0.68	-	-	0.20	-	-	-	-	-	-
C404/17EC744	1.56	1.04	-	0.52	-	-	-	-	-	0.52	-	-
C406/17ECL76	3.00	2.00	2.00	2.00	1.60	-	-	1.00	2.00	2.00	-	-
C407/17ECL77	3.00	1.80	2.00	1.60	2.00	-	-	1.00	2.00	-	-	-
C408/17ECP78	1.00	2.00	2.00	1.00	-	1.00	1.00	2.00	3.00	3.00	2.00	2.80
C409/17EC81	3.00	2.00	-	-	-	-	-	-	-	-	-	-
C410/17EC82	2.00	2.00	-	-	-	-	-	-	-	-	-	-

C412/17EC84	3.00	3.00	2.00	2.00	1.00	2.00	1.00	1.00	3.00	3.00	1.87	2.00
C413/17ECP85	3.00	3.00	3.00	3.00	2.75	3.00	2.00	2.00	3.00	2.20	2.40	3.00
C414/17ECS86	2.00	2.00	2.00	–	–	1.00	1.00	–	2.00	3.00	–	2.00
Average	2.27	1.74	1.30	1.41	1.54	1.42	1.50	1.43	1.81	1.42	1.85	1.57
Alumni Survey	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Program exit Survey	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Average(B)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
A*0.8	1.82	1.40	1.04	1.13	1.23	1.13	1.20	1.15	1.45	1.14	1.48	1.26
B*0.2	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Total Attainment	2.42	2.00	1.64	1.73	1.83	1.73	1.80	1.75	2.05	1.74	2.08	1.86

Table: 3.3.2.2 PSO Attainment

Course Code	PSO1	PSO2
C101/17MAT11	1.60	–
C102/17CHE12	1.00	–
C103/17PCD13	–	–
C104/17CED14	–	1.00
C105/17ELN15	1.78	–
C106/17CPL16	–	–
C107/17CHEL17	1.00	–
C108/17MAT21	2.5	–
C109/17PHY22	2	–
C110/17CIV23	–	1
C111/17EME24	1	1
C112/17ELE25	2	1.6
C113/17WSL26	–	–
C113/17PHYL27	2	–
C201/17MAT31	1.67	–
C202/17EC32	2.8	2.2
C203/17EC33	1.74	1.74
C204/17EC34	0.3	0.1
C205/17EC35	3	1
C206/17EC36	1.2	0.4
C207/17ECL37	3	2.8
C208/17ECL38	3	3
C209/17CPH39	–	–
C210/17MAT41	1.25	–
C211/17EC42	1.7	0.7
C212/17EC43	0.48	0.32
C213/17EC44	0.62	0.22
C214/17EC45	3	2
C215/17EC46	0.66	0.44

C216/17ECL47	3	2
C217/17ECL48	3	2
C218/17CPH49	–	–
C301/17ES51	–	–
C302/17EC52	1.02	0.68
C303/17EC53	2.8	2.2
C304/17EC54	2.82	0.94
C307/17ECL57	3	3
C308/17ECL58	3	3
C309/17EC61	1.92	1.28
C310/17EC62	1.56	1.04
C311/17EC63	0.84	0.56
C312/17EC64	1.20	0.80
C315/17ECL67	3	2
C316/17ECL68	2.8	2
C401/17EC71	1.2	–
C402/17EC72	2.28	0.76
C403/17EC73	1.02	0.5
C404/17EC744	1.56	1.04
C406/17ECL76	3	3
C407/17ECL77	3	2.8
C408/17ECP78	2	1
C409/17EC81	3	2
C410/17EC82	3	1.6
C412/17EC84	3	3
C413/17ECP85	3	3
C414/17ECS86	3	–
Average	2.05	1.53
Alumni Survey	3	3
Program exit Survey	3	3
Average(B)	3	3
A*0.8	1.64	1.23
B*0.2	0.6	0.6
Total Attainment	2.24	1.83

CRITERION 4	STUDENTS' PERFORMANCE	150
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4. STUDENTS' PERFORMANCE**Total Marks: 106.89**

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY 20-21	CAY m1 19-20	CAYm2 18-19	CAYm3 17-18	CAY m4 16-17	CAYm5 15-16	CAYm6 14-15
Sanctioned intake of the program (N)	180	120	120	120	120	120	120
Total number of students admitted in first year <i>minus</i> number of students migrated to other programs/institutions plus no. of students migrated to this program (N1)	118	108	110- 2=108	105- 1=104	116	108-1= 107	118-1= 117
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	-	03	10	09	15	40	31
Separate division students, if applicable (N3)	-	-	-	-	-	-	-
Total number of students admitted in the Program (N1 + N2 + N3)	118	111	118	113	131	147	148

*Table B.4a***CAY – Current Academic Year****CAYm1- Current Academic Year minus1= Current Assessment Year****CAYm2 - Current Academic Year minus2=Current Assessment Year minus 1****LYG – Last Year Graduate minus 1****LYGm1 – Last Year Graduate minus 1****LYGm2 – Last Year Graduate minus 2**

Year of entry	N1 + N2 + N3 (As defined above)	Number of students who have successfully graduated without backlogs in any semester/year of study (Without Backlog means no compartment or failures in any semester/year of study)			
		I Year	II Year	III Year	IV Year
2020-21(CAY)	118(109+0+09)	-			
2019-20 (CAYm1)	111(102+03+06)	106	-		
2018-19(CAYm2)	118(102+10+06)	89	78	-	
2017-18 (CAYm3)	113 (98+09+06)	96	70	58	-
2016-17 (LYG)	131(110+15+06)	83	71	58	58
2015-16(LYGm1)	147(99+40+06+02)	88	67	67	63
2014-15(LYGm2)	148(110+31+06+01)	70	54	47	44

TableB.4b

Year of entry	N1 + N2 + N3 (As defined above)	Number of students who have successfully graduated in stipulated period of study [Total of with Backlog + without Backlog]			
		I Year	II Year	III Year	IV Year
2020-21 (CAY)	118(109+0+09)	-			
2019-20 (CAYm1)	111(102+03+06)	106	-		
2018-19 (CAYm2)	118(102+10+06)	106	115	-	
2017-18 (CAYm3)	113 (98+09+06)	102	103	103	-
2016-17 (LYG)	131(110+15+06)	107	102	100	100
2015-16 (LYGm1)	147(99+40+06+02)	102	122	118	103
2014-15 (LYGm2)	148(110+31+06+01)	98	113	109	97

TableB.4c

4.1. Enrolment Ratio (20)

Total Marks: 18.00

Institute Marks : 18.00

Enrolment Ratio=N1/N

Item (Students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year)	Marks
>=90% students enrolled	20
>=80% students enrolled	18
>=70% students enrolled	16
>=60% students enrolled	14
>=50% students enrolled	12
Otherwise	0

Year of Entry	N1	N	N1/N(%)	Enrollment Ratio Average %
2020-21 (CAY)	118	180	66	82
2019-20 (CAYm1)	108	120	90	
2018-19 (CAYm2)	108	120	90	

*Table B.4.1***4.2. Success Rate in the stipulated period of the program(40)**

Total Marks: 20.40

4.2.1 Success rate without backlogs in any semester/year of study (25)

Institute Marks: 9.75

SI= (Number of students who have graduated from the program without backlog)/ (Number of students admitted in the first year of that batch and actually admitted in 2nd year via lateral entry and separate division, if applicable)

Average SI = Mean of Success Index (SI) for past three batches

Success rate without backlogs in any year of study = $25 \times$ Average SI

Item	Last Year of Graduate ,LYG (2016-17)	Last Year of Graduate minus 1, LYGm1 (2015-16)	Last Year of Graduate minus 2, LYGm2 (2014-15)
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	131	147	148
Number of students who have graduated without backlogs in the stipulated period	58	63	44
Success Index (SI)	0.44	0.43	0.3
Average SI	0.39		

Table B.4.2.1

$$\begin{aligned} \text{Success rate without backlogs in any year of study} &= 25 * \text{Average SI} \\ &= 25 * 0.39 \\ &= 9.75 \end{aligned}$$

4.2.2 Success rate in stipulated period of study(15)

Institute Marks: 10.65

SI= (Number of students who graduated from the program in the stipulated period of course duration)/ (Number of students admitted in the first year of that batch and actual admitted in 2nd year via lateral entry and separate division, if applicable)

Average SI = mean of Success Index (SI) for past three batches Success rate = $15 \times$ Average SI

Item	Last Year of Graduate LYG (2016-17)	Last Year of Graduate minus 1, LYGm1 (2015-16)	Last Year of Graduate minus 2, LYGm2 (2014-15)
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	131	147	148
Number of students who have graduated in the stipulated period	100	103	97
Success Index (SI)	0.76	0.70	0.66
Average Success Index	0.71		

Table B.4.2.2

$$\begin{aligned}
 \text{Success rate with backlogs in any year of study} &= 15 * \text{Average SI} \\
 &= 15 * 0.71 \\
 &= 10.65
 \end{aligned}$$

4.3 Academic Performance in Third Year (15)

Total Marks: 10.43
Institute Marks: 10.43

$$\text{Academic Performance} = 1.5 * \text{Average API (Academic Performance Index)}$$

API = ((Mean of 3rdYear Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Third Year/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the final year.

Academic Performance	CAYm3 (2017-18)	LYG (2016-17)	LYGm1 (2015-16)
Mean of CGPA or Mean Percentage of all successful students (X)	7.13	7.11	6.97
Total no. of successful students (Y)	103	100	118
Total no. of students appeared in the examination (Z)	103	102	122
API = x* (Y/Z)	7.13	6.97	6.74
Average API = (AP1 + AP2 + AP3)/3	6.95		

Table B.4.3

$$\begin{aligned}
 \text{Academic Performance} &= 1.5 * \text{Average API (Academic Performance Index)} \\
 &= 1.5 * 6.95 \\
 &= 10.43
 \end{aligned}$$

4.4 Academic Performance in Second Year(15)

Total Marks: 9.66
Institute Marks: 9.66

$$\text{Academic Performance Level} = 1.5 * \text{Average API (Academic Performance Index)}$$

API = ((Mean of 2ndYear Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) x (number of successful students/number of students appeared in the examination)

appeared in the examination)

Successful students are those who are permitted to proceed to the Third year.

Academic Performance	CAYm2 (18-19)	CAYm3 (17-18)	LYG (16-17)
Mean of CGPA or Mean Percentage of all successful students (X)	7.02	6.76	7.21
Total no. of successful students (Y)	115	103	102
Total no. of students appeared in the examination (Z)	115	111	122
API = X* (Y/Z)	7.02	6.27	6.03
Average API = (AP1 + AP2 + AP3)/3	6.44		

Table B.4.4

$$\begin{aligned}
 \text{Academic Performance} &= 1.5 * \text{Average API (Academic Performance Index)} \\
 &= 1.5 * 6.44 \\
 &= 9.66
 \end{aligned}$$

4.5 Placement, Higher Studies and Entrepreneurship (40)

Total Marks: 30.4
Institute Marks: 30.4

Assessment Points = 40 × average placement

Item	LYG (2016-17)	LYGm1 (2015-16)	LYGm2 (2014-15)
Total No. of Final Year Students (N)	100	118	109
No. of students placed in companies or Government Sector (x)	73	85	67
No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (y)	03	07	12
No. of students turned entrepreneur in engineering/ technology (z)	0	1	2
x + y + z =	76	93	81
Placement Index : (x + y + z)/N	0.76	0.79	0.74
Average placement= (P1 + P2 + P3)/3	0.76		

Table B.4.5

$$\begin{aligned} \text{Assessment Points} &= 40 \times 0.76 \\ &= 30.4 \end{aligned}$$

4.5a. Provide the placement data in the below mentioned format with the name of the program and the assessment year:

Electronics and communication Engineering (2019-20)

Sl. No.	Name of Student Placed	USN	Name of The Employer	Appointment Letter Reference no with Date
1	AALIYA ZAINAB	1KS16EC002	1. NTT DATA 2. HUDL	1. 20 th Sept 2019 2. 12 th Oct 2020
2	ABHISHEK A NANDYAL	1KS16EC003	HUDL	12 th Oct 2020
3	ADITHYA D.M	1KS16EC004	NTT DATA	20 th Sept 2019
4	AKASH MAHANTESH HOSMANI	1KS16EC006	HUDL	13 th Nov 2020
5	ANIRUDH K N	1KS16EC009	1. NTT DATA 2. DXC TECHNOLOGY	1. 20 th Sept 2019 2. 10 th Feb 2020
6	ASHIK B N	1KS16EC011	NTT DATA	20 th Sept 2019
7	ASHWINI.S	1KS16EC013	NTT DATA	20 th Sept 2019
8	AYUSH RAJ	1KS16EC014	MINDTREE	24 th Feb 2021
9	BHAGYA SHREE S T	1KS16EC015	TCS	15 th Feb 2021
10	BHARATH R	1KS16EC016	1. 24[7].ai 2. HUDL 3. SONATA S/W SOLUTIONS	1. 13 rd Mar 2020 2. 12 th Mar 2020 3. 15 th Oct 2020
11	BHOOMIKA P M	1KS16EC017	1. NTT DATA 2. WIPRO	1. 20 th Sept 2019 2. 27 th May 2019
12	BRUNDA S	1KS16EC018	CAPGEMINI	05 th Jun 2021
13	CHANDANA R	1KS16EC019	TCS NINJA	13 th Sept 2019 Ref: TCSL/DT2019556 6729/Bangalore
14	CHARAN A	1KS16EC020	ABC TECHNOLOGY (S)	2020
15	DEEMANTH K P	1KS16EC022	1. TATA ELXSI 2. TCS NINJA	1. 13 th Nov 2019 2. 13 th Sept 2019 Ref: TCSL/DT2019516 7365/Bangalore
16	DEEPA	1KS16EC023	PRIMUS Global Technologies Pvt Ltd	3 rd May 2021
17	HARSHINI B S	1KS16EC028	WIPRO	9 th Sept 2020

18	JAYAM HARESH THARUN	1KS16EC031	HUDL	13 th Nov 2020
19	JEEVITHA KALAASHILPA N.C	1KS16EC032	NTT DATA	20 th Sept 2019
20	KADRI SRINIDHIRAO	1KS16EC034	Infosys	23 rd DEC 2020 HRD/1000769598/20-21
21	KARTHIK K	1KS16EC035	TCS NINJA	13 th Sept 2019 Ref:TCSL/DT2019536 1628/Bangalore
22	KOMAL KHANDELWAL	1KS16EC036	Infosys	29 th Jan 2021 HRD/1000769612/20-21
23	KRISHNA D	1KS16EC037	VISIONET	1 st Oct 2020 Ref: VSPL/HR/9772
24	BABY RAM	1KS16EC039	Covalensedigital	29 th April 2021 CDS.HR/OL/2021-04
25	LAKSHMI PRIYA. K	1KS16EC040	Infosys	16 th Dec 2020 Ref:HRD/1000769617/ 20-21
26	LIKHITHA Y	1KS16EC041	Infosys	28 th Dec 2020 Ref:HRD/3T/1000769 628/20-21
27	LOKESH S	1KS16EC042	Mindtree	24 th Feb 2021
28	SURYA M	1KS16EC043	TESTYANTRA	Id No: TYC121999
29	MADHU GOWDA	1KS16EC044	SONATA SOFTWARE	16 th Oct 2020
30	MANIKANTAN G	1KS16EC047	Infosys	16 th Dec 2020
31	MEENAKSHI A	1KS16EC049	NTT DATA	20 th Sept 2019
32	MEGHASHREE V	1KS16EC050	NTT DATA	20 th Sept 2019
33	MOHAMMED WALEED	1KS16EC051	HP	23 rd March 2021
34	NAMITHA L	1KS16EC052	BOSCH	10 th Feb 2021
35	NAMRATHA G	1KS16EC053	L&T Technology Services	22/7/2021 Ref:LTTS/HR/ET/202 1/Bangalore/NG
36	NAMRATHA G	1KS16EC054	NTT DATA	20 th Sept 2019
37	NEHAJAYAKUMAR KOTWAL	1KS16EC057	NTT DATA	20 th Sept 2019
38	NEHA N V	1KS16EC058	TCS NINJA	13 th Sept 2019 Ref:TCSL/DT2019559 6014/Bangalore
39	POOJA K	1KS16EC061	TCS NINJA	13 th Sept 2019 Ref: TCSL/DT2019527703 6/Bangalore
40	PRATHIKSHA P	1KS16EC063	Infosys	28 th Dec 2020
41	PRATYUSHA S A	1KS16EC064	1. Infosys	14 th Sept 2019

			2. SONATA	15 th Oct 2020
42	PRAVEEN TULASIDAS NAIK	1KS16EC065	HUDL	24 th Oct 2020
43	PRIYA S	1KS16EC067	Advent Global Solutions	2021
44	RASHMI S	1KS16EC072	TCS NINJA	13th Sept 2019 Ref: TCSL/DT2019515813 7/Bangalore
45	RAVI NANDAN	1KS16EC073	ALL BLUE SOLUTIONS	11 th Mar 2020
46	RAVI TEJA M	1KS16EC074	SONATA ONE	
47	SHWETHA S	1KS16EC076	Infosys	HRD/3T/1000769735/ 20-21
48	SACHIN M G	1KS16EC077	NTT DATA	20th Sept 2019
49	SADHVIKA CHANDRA R	1KS16EC078	Infosys	29 th Jan 2021
50	SAHANA D	1KS16EC079	Infosys	29 th Jan 2021
51	SAHANA KG	1KS16EC080	Infosys	16 th Dec 2020
52	SANANDA RAO	1KS16EC082	SIMPLOTEL	3 rd Dec 2020
53	SHEETAL J RAO	1KS16EC085	DXC TECHNOLOGY	30 th April 2020
54	SHREYAS K V	1KS16EC088	TCS NINJA	13 th Sept 2019 Ref:TCSL/DT2019549 7449/Bangalore
55	SHREYASHWINI V	1KS16EC089	HUDL	23 rd march 2021
56	SHAILESHRAJ T. D	1KS16EC091	TCS	16 th Feb 2021 TCSL/DT2019536920 2/Bangalore.
57	SONIKA V	1KS16EC094	NTT DATA	20 th Sept 2019
58	SPOORTHI M K	1KS16EC095	TCS	TCSL/DT2019576645 8/Bangalore 23 rd Feb 2021
59	SUDHANSHU S SHARMA	1KS16EC096	TCS NINJA	13 th Sept 2019 Ref: TCSL/DT2019535897 6/Bangalore
60	SUHAS M V	1KS16EC098	MINDTREE	24 th Feb 2021
61	SUMA B S	1KS16EC099	TATA ELXSI	13 th Nov 2019
62	T G NITHYA	1KS16EC102	NTT DATA	20 th Sept 2019
63	TEJAS P	1KS16EC103	HUDL	18 th Jun 2020
64	VIDHYA K S	1KS16EC108	DXC TECHNOLOGY	30 th April 2020
65	VIDYA B	1KS16EC109	DXC TECHNOLOGY	30 th April 2020
66	VINAY N	1KS16EC112	TEST YANTRA	16 th Jun 2021
67	VISMITHA SONNA SATHYANARAYAN A	1KS16EC115	NTT DATA	20 th Sept 2019
68	VIVEK R	1KS16EC116	TCS NINJA	13 th Sept 2019 Ref:

				TCSL/DT2019536569 6/ Bangalore
69	ARPITHA C V	1KS17EC400	WISTRON	27 th April 2021
70	HARSHA C M	1KS17EC407	KAVERI TELECOM PRODUCTS LTD	15 th Sept 2020
71	HARSHITH K	1KS17EC408	TEAMLEASE	17 th Nov 2020
72	TEJASWINI B	1KS17EC413	IT Solutions Services	18 th Feb 2021
73	ASHOK KUMAR	1KS17EC402	Happiest Minds Technologies Limited	18 th Oct 2021

Electronics and communication Engineering (2018-19)

Sl. No	Student Name	Enrolment no.	Employee Name	Appointment Letter reference no. with date
1	ABHISHEK S GOWDA	1KS15EC001	INFOSYS	26/10/2018
2	AKSHATA SHENOYUDYAVAR	1KS15EC003	TCS	9/10/ 2018 Ref Id: TCSL/DT20184571772 /Bangalore
3	ALAKA	1KS15EC005	L&T INFOTECH	12/11/2018 Ref No: LTI/HR/GET(I)/T0021 473
4	ALEKYARAGUNATH	1KS15EC006	COGNIZANT	18/03/2019 Ref Id:12997479
5	ANKITA A RAIKAR	1KS15EC008	WIPRO	10-12-2018
6	ANURAG R REDDY	1KS15EC009	NTT DATA	27-11-2018
7	ARCHANA K N	1KS15EC011	UNISYS	20/04/2019
8	ARJUN M KRISHNA	1KS15EC012	ANCIT	16/09/2019
9	ARPITHA N V	1KS15EC014	NTT DATA	27/11/2018
10	BHAMINI RAJANNA	1KS15EC016	INFOSYS	26-10-2018
11	BHAVANA K M	1KS15EC017	INFOSYS	26-10-2018
12	BHUMIKA R	1KS15EC018	UNISYS	20/04/2019
13	BINDHU KUMAR K T	1KS15EC019	TCS	9/10/2018 Ref No: TCSL/DT/2018458442 7/BANGLORE

14	CHAITRA B	1KS15EC020	INFOSYS	26/10/2018
15	CHANDANA G	1KS15EC021	COGNIZANT	16/03/2019 Ref Id:12997515
16	DEEPASHREE R	1KS15EC024	TECH MAHINDRA	5/12/2019 Ref No: 759257/1718213/ELTP
17	DHRUTHI SRIDHAR	1KS15EC025	Unisys	20-04-2019
18	GIRESH KUMAR ENUGU	1KS15EC027	IP SOFT	07-10-2019
19	GOWTHAM R	1KS15EC029	Path Front	18/03/2018 Ref .No:PFSDS/B001/888/ 18032019
20	HARSHA K N	1KS15EC032	NFAKTOR solutions Pvt.Ltd	01-10-2019
21	HARSHIT RAMAMURTHY	1KS15EC033	UFT Inspired Innovations	13/02/2020
22	HARSHITHA RAMESH	1KS15EC035	L&T INFOTECH	12/12/2018 Ref No: LT/HR/campus/2019
23	JUNAID KHAN	1KS15EC037	WIPRO	18-12-2018
24	KAVYA M	1KS15EC039	RADOME TECHNOLOGIES &SERVICES	12/11/2019 Ref No:RadomeTech/ops/1 119/009
25	KAVYA N	1KS15EC040	RLABS	28/01/2020 Ref No: RLABS/URD/BLR
26	KISHORE BHAT U	1KS15EC042	ANCIT	16-09-2019
27	MAHIMA PADMANABHA B	1KS15EC047	BYJU'S	18-09-2019
28	MANJUNATHA B	1KS15EC048	HEALTHELIFE	03-02-2020
29	MANOJ K	1KS15EC049	BLUE STREAM	30/07/2020 ID:BSPS476
30	MEGHA SANJAY SAVALGI	1KS15EC051	INBRIDGE SOLUTIONS	19-02-2020
31	MEGHASHREE R T	1KS15EC052	TECH MAHINDRA	5/12/2019 Ref No:: 712272/1718106/ELTP
32	MEGHA V	1KS15EC053	INFOSYS	26/10/2018
33	MEGHANA.K.V	1KS15EC054	FUTUREBIZTECH	10-03-2020
34	MUKULVENKA TESH	1KS15EC055	NTT DATA	27/11/2018
35	NAGABHUSHA N BHAT	1KS15EC056	NTT DATA	27/11/2018
36	NANDA S	1KS15EC059	WIPRO	09-05-2019
37	P ANKITHA	1KS15EC060	ASK IT SOLUTIONS	13-01-2020

38	PATHIPATI PAVITHRA	1KS15EC061	L&T INFOTECH	12/11/2019 Ref No: LIT/HR/campus/2019
39	PALLAVI T K	1KS15EC062	NTT Data Services	16-01-2020
40	PAVAN S PATIL	1KS15EC064	PATH FRONT	18/03/ 2019 Ref No:PFSDS/B001/886/1 8032019
41	POOJA N RAO	1KS15EC065	CHECK POINT	11/09/2019
42	POOJA M	1KS15EC066	PATH FRONT	18/03/2019 Ref Id:PFSDS/B001/881/18 032019
43	PRAGATHI MADHYASTHA K P	1KS15EC067	L&T INFOTECH	12/11/2018 Ref No:LTI/HR/Campus/20 19
44	PRAGNA B R	1KS15EC068	NTT DATA	27-11-2018
45	POOJARY PRAVEEN	1KS15EC070	NTT DATA	27-11-2018
46	PUNITH N	1KS15EC072	TCS	9/10/2018 Ref- TCSL/DT20184612249 /Bangalore
47	RAKSHITHA S	1KS15EC074	6d Technologies	22-03-2019
48	RASHMI SRINIVASAN	1KS15EC077	TCS	Selection letter issued by M/s TCS on 9/10/2018 Ref- TCSL/DT20184508994 /Bangalore
49	NAGESH N DIKSHIT	1KS15EC057	NIIT Limited	12-11-2019
50	SANJANA P NADIG	1KS15EC084	BYJU'S	3/08/2019
51	SANJANA S	1KS15EC085	TCS	9/10/2018 Ref- TCSL/DT20184506677 /Bangalore
52	SANNIDHI SHETTY	1KS15EC086	NTT DATA	27/11/2018
53	SANTHOSH K	1KS15EC087	INFOSYS	06/09/2019 ref No:HRD/3T/19- 20/12671322
54	SATHWIK JAIN B N	1KS15EC089	NTT DATA	27/11/2018
55	SHANKAR RAM	1KS15EC090	NTT DATA	27/11/2018
56	SHREYASWINI. C.K	1KS15EC091	BHARAT ELECTRONICS LIMITED	20/01/2020 Ref No: 1410/HR/CLD/03/2019 -20

57	SHWETHASHRE E	1KS15EC092	NTT DATA	27/11/2018
58	SKANDA H N	1KS15EC094	NTT DATA	27/11/2018
59	SMITHA S KARANTH	1KS15EC095	LTI	12/11/2018 Ref No: LTI/HR/campus/2019
60	SPOORTHY U S	1KS15EC096	GREAT LEARNING	13/09/ 2019
61	SUBRAMANYA	1KS15EC097	NTT DATA	27-11-2018
62	SUVIJITH SURESH	1KS15EC100	L&T INFOTECH	12/11/2019 Ref No:LTI/HR/Campus/2019
63	SWATHI K S	1KS15EC101	NTT DATA	27/11/2018
64	UDAYKUMAR V	1KS15EC103	INFOSYS	26/10/2018
65	VARSHA R	1KS15EC104	ADVENT GLOBAL SOLUTIONS	19/10/2018
66	VISHWAS KK	1KS15EC105	INFOSYS	13-06-2019
67	YASHWINIDIVA KAR	1KS15EC106	INFOSYS	05/09/2019 Ref No: HRD/3T/19-20/12671281
68	MUNEEB FAYAZ	1KS15EC107	NTT DATA	27-11-2018
69	SUHAIL YOUSUF BHAT	1KS15EC108	ABC'S CSR	27-11-2018
70	AJAY KUMAR.L	1KS16EC400	EPSOFT TECH SERVICES	01-02-2020
71	ASHWINI.B.V	1KS16EC403	cFIRST	24-06-2019
72	CHARAN BABU S K	1KS16EC405	ADVENT GLOBAL Solutions Private Limited	28/01/2020
73	HARSHA N	1KS16EC414	ARTECH	11/07/2019
74	NAMRATHA.T.R	1KS16EC424	INBRIDGE SOLUTIONS	19-02-2020
75	SUJAN.G	1KS16EC433	THINK and LEARN PRIVATE Limited	15/02/2020
76	HARISH REDDY K.S	1KS16EC413	Procrain Consulting Services Pvt.Ltd.	11/03/2020
77	SUSHANT KORENNAWAR	1KS16EC439	Seaman Staffing Solutions	10/03/2020
78	ADUSUMILLI UDAY CHOWDARY	1KS15EC002	TCS	11/04/2021
79	CHETHAN N SHETTY	1KS15EC023	SIGMA	1/10/2019
80	HARSHITHA G BHAT	1KS15EC034	BYJU'S	19/12/2020
81	HARSHITHA V	1KS15EC036	DXC TECHNOLOGIES	11/6/2021

82	KODIDELA ROHINI	1KS15EC043	TECH MAHINDRA	14/7/2021
83	M SRI SAI CHARITHA	1KS15EC045	1) CHETU WORLD CLASS SOFTWARE SOLUTION 2) K CLOUD TECHNOLOGIES	6/9/2021 15/9/2021
84	SANJAY KARANTH M	1KS15EC046	HEALTHIFYME	4/11/2020
85	ASHWINI A	1KS16EC402	BYJUS	26/5/2021

Electronics and communication Engineering (2017-18)

Sl. No.	Student Name	Enrolment no.	Employee Name	Appointment Letter reference no. with date
1	AAKASH.P.S	1KS14EC001	Tech Mahindra	18/04/2019
2	ABHISHEK.R	1KS14EC003	PIXEL	22/07/2019 Ref ID: PSPL/AP/19-20/744
3	ABILASH.K.J	1KS14EC005	Blueberry	26-04-2019
4	AISHWARYA.C.S	1KS14EC007	NTT DATA	18/09/2017
5	AISHWARYA VEDAGIRI HEMADRI	1KS14EC009	MPHASIS	21/05/2018 Ref No: MPCTH2018-0542
6	AKSHATHA.C.R	1KS14EC012	Methode Electronics INDIA Pvt.Ltd.	29-04-2019
7	AKSHAYA R K	1KS14EC013	PATH FRONT	7/02/2018 Ref No: PFTS/JULB001/280/0 7022018
8	AMBRUNI AMARNATH	1KS14EC014	COGNIZANT	4/09/2018 ID :12710949
9	AMITH SRIKAANTH	1KS14EC015	TEK systems	04-04-2019
10	ANIRUDH.H.S	1KS14EC017	DXC Technology	31-08-2018
11	ANUSHA.R	1KS14EC018	Atos	22-04-2019
12	ASHISH KUMAR.R	1KS14EC021	HERBALIFE NUTRITION	15-07-2019
13	BHARAMARAM B.A.L.S	1KS14EC024	BYJU'S	24/06/2019
14	SRUTHI BOGGARAPU	1KS14EC025	NTT DATA	18-09-2017
15	C. KRISHNA PRASAD	1KS14EC026	NTT DATA	18-09-2017
16	CHEETHANA NANJEGOWDA	1KS14EC027	NTT DATA	18/09/2017
17	HARSHAVARDH AN.K	1KS14EC036	MICRON	29-08-2019 ID:1233954
18	JAGADISH.S	1KS14EC039	L&T Technology Services	26/09/2019 ref No:LTTS- Bangalore/HR/2019-20

19	KRISHNA R PURUSHOTHAM	1KS14EC045	ANORA	15/03/2018
20	MANISHA JAYSON	1KS14EC051	HSBC	8/03/2018
21	NAGANDH.B	1KS14EC055	ACCENTURE	25-06-2019
22	NANDU RAJESHWARI	1KS14EC057	NTT DATA	06-02-2019
23	NAVITHA.T	1KS14EC059	Mind Tree	23-11-2018
24	NEHA SHRIDHAR	1KS14EC060	INFOSYS	18/07/2018 Ref No: HRD/3T/18- 19/2102477
25	NIHANTH	1KS14EC062	SAMSUNG	25-04-2019
26	NISHCHITHA N	1KS14EC065	Atos	22/04/ 2019
27	NITHIN SHANKAR	1KS14EC066	Q-SPIDERS	31/01/2018
28	P.DEVIKA	1KS14EC067	TCS	24/01/2018 Ref:TCSL/DT2018483 0166/Bangalore
29	PALLAVI.C	1KS14EC070	ACCENTURE	C7622573
30	PAVAN.B.V	1KS14EC071	THE ENGINEER STORE	20-09-2018
31	PAVITHRA S	1KS14EC072	COGNIZANT	4/09/2018 ID 12233166
32	PRAGATHI RAVINDRA	1KS14EC074	NTT DATA	18/09/ 2017
33	PRAJNA SHETTY	1KS14EC075	EVRY	22/04/2019 ID: 11149
34	PRAJWAL.M	1KS14EC076	PACECOM	3/05/2019 Ref ID : PTPL/HR/APPLET/05 -19/02
35	PRAVEEN PRASANNA G	1KS14EC077	NTT DATA	18/09/2017
36	RABICHITH	1KS14EC078	Cognizant	9/12/2018 Ref ID : 12711094
37	RAKSHA GHOSH	1KS14EC080	NTT DATA	Selection letter on 18 th September 2017 by NTT DATA global Delivery service Pvt Ltd
38	RAKSHITH V	1KS14EC081	ROBERT BOSCH	23/05/2018
39	RAMISETTY LAKSHMI SRINIVAS	1KS14EC083	COGNIZANT	4/09/2018 ID 12257986
40	RAMYA R	1KS14EC084	SBEE	18-04-2019
41	RITU PRASANNA SIMHA	1KS14EC086	INFOSYS	08/06/2017 Ref No: HRD/3T/18- 19/12031118
42	ROYSTON DSOUZA	1KS14EC089	WIPRO	29/08/2018

43	SAHANA GOWRI	1KS14EC091	NTT DATA	18/09/2017
44	SANDEEP.B.C	1KS14EC092	WEST LINE SHIP MANAGEMENT	WL/TEO/17-18
45	SHREYAS YADAWAD	1KS14EC096	L3HARRIS	6/01/2019
46	SNEHA G M	1KS14EC098	ACCENTURE	28/12/2018
47	SNEHA K	1KS14EC099	COGNIZANT	23/07/2018 ID 12215086
48	SOUNDRYA S LOKESHWARI	1KS14EC100	ROBERT BOSCH	23/05/2018
49	SOWMYA B.K	1KS14EC102	ROBERT BOSCH	23/05/2018
50	SRI NITHYA. S	1KS14EC103	NTT DATA	18-09-2017
51	TEJAS D S	1KS14EC108	NTT DATA	18-09-2017
52	V.TEJAS GOWDA	1KS14EC011 0	ANSR SOURCE	21/11/ 2019
53	YUKESH RAVICHANDRA N	1KS14EC118	INFOSYS	08/06/2018 Ref No: HRD/3T/18- 19/12031261
54	AKSHAY KUMAR.A	1KS15EC401	AMAZON	08-07-2019
55	MOHAN REDDY B	1KS15EC405	ROOMAN	04-03-2019
56	BANDA TEJAVARDHAN	1KS15EC407	Hical	16-03-2020
57	CHETHAN K.P	1KS15EC409	CANARYS	13/08/2019 Ref No: CAL/APLET- 758/2019-2020
58	HARI J N	1KS15EC410	CANARYS	26/07/2019
59	HARISH KUMAR J	1KS15EC411	CANARYS	5/08/2019
60	MOHAN RAO.V	1KS15EC415	KOLORS	01-05-2019
61	PRAMOD K B	1KS15EC417	MANAGED CONNECT IT SERVICES INDIA	06-08-2019
62	KISHAN KUMAR THUNGA.R	1KS15EC413	Neo Raya Software Solutions Pvt.Ltd.	NR252
63	PRASAD POOJARY	1KS15EC418	Sigma AVIT	16/11/2018 Ref. No: SAVIT- T/HR/OL/036/2018-19
64	SPOORTHY.C	1KS15EC423	ARTECH Info systems Pvt.Ltd	24-01-2020
65	YASHASWINI.S	1KS15EC430	QUESS	30/08/2019 Ref No: QS1735145
66	HARSHITHA.S	1KS14EC038	Business Solution International	2 nd June 2020
67	K.S.SANJANA	1KS14EC043	ELAIT	1 st April 2021

4.6 Professional Activities (20)

Total Marks: 18.00

4.6.1 Professional societies/chapters and organizing engineering events (5)

Institute Marks: 5.00

Professional Activities in the Department

1. IEEE-Institute of Electrical and Electronics Engineers
2. ISTE-International Society for Technology in Education
3. IETE-Institution of Electronics and Telecommunication Engineers
4. IEI- Institution of Engineers (India)
5. GARUT Club
6. Antariksh- KSIT Satellite Club

Table 4.6.1.a: Professional Societies/Chapters for the Academic Year 2020-21

A. Availability and Activities of Professional Societies/Chapters	B. Number ,Quality of Engineering Events(Organized at)		
	Institute Level	State Level	Total
IEEE KSIT STB	17	0	17
IETE	3	0	3
ISTE	0	3	3

Table 4.6.1.b: Events conducted details for the Academic Year 2020-21

Academic year	Organiser	Type of the Event	Name of the Event	Date	Resource Person	No of Participants
2020-21	IEEE KSIT STB	Guest Lecture	TALK on INTERNSHIP OPPORTUNITIES	1st & 2nd Jul 2020	Dr. P Joy Prabhakaran, key Resource person, KSIT DAY 1, Mr.Y.V.Prakash, Head of Technology Transfer and Products Lab, IIT Hyderabad DAY 2, Mr.Supreeth.Y.S, Director and CEO, TEQUED Labs	50
		Seminar	TALK-INTERNSHIP ON DATA SCIENCE	3rd Jul	Mr.Niranjan Balaji,Managing director,Raspol Technologies Pvt Ltd.	50
		Social Event	Exploring Data	4th Jul 2020	Dr.Jyothi Munavalli	25

	Science			
Seminar	INTRODUCTION TO ML AND FULL STACK DEVELOPMENT	8th Jul, 2020	Mr. Rahul Kumar K – CEO, Inversa Technosoft, Mr. Ameer from Inversa Technosoft and Mr. Raghu K, Accenture	60
Social Event	VIDEO CONTENT	3rd August, 2020	All EXECOM members	12
Social Event	Quiz on account of latest trending technologies	on 8th September, 2020	All EXECOM members	100
Guest Lecture	WIE TALK : Go Green Zero waste Period	12th September, 2020	Dr. Hemavathi Srinivasan.	37
IEDC	Poster Making Contest	15th October, 2020		15
IEDC	IDEATHON	15th October, 2020	Dr.Joy Prabhakaran and Dr.Ram Rustagi	8 batches
Social Event	IEEE DAY CELEBRATIONS	15th October, 2020	Ms Sadhana Attavar – WIE Chair Bangalore Section.	80 IEEE participants and 20 Non – IEEE participants
Guest Lecture	TALK ON GETTING STARTED WITH EQUATIONS IN MS POWER POINT	28th October, 2020	Dr. Joy Prabhakaran is the Key Resource Person at KSGI.	50
Social Event	Fire side chat with	31st May 2021	Mr.Ketan Keshav Ms. NagaLekha	122

		IEEE volunteers			
	Social Event	Chat over Coffee with IEEE volunteer	1 st Jun 2021	Mr. Ketan Keshav Ms. NagaLekha Ms. Disha Mr. Hrithvik	105
	Social Event	Power of Positive thinking	11 th Jun 2021	Mr. Mohan Shetty	90
	Guest Lecture	Internet communication & networking	14 th Jun 2021	Mr. Akhil Mohan	85
	Guest Lecture	Machine Learning	18th Jun 2021	Mr. Manish Singh	80
	Social Event	Focus Flow	19 th Jun 2021	Mr. Santhosh Kumar Mrs. Jayasudha BSK Mr. Charan Sai	70
	IETE Seminar	Webinar on “Design of Antennas using Simulation Tools”	18th Dec 2020	Dr. Tanweer Ali , SeniorAssistant Professor,Department of ECE,Manipal Institute of Technology,Manipal	77
	Seminar	Webinar on “Short range Wireless Communication ”	14th September 2020	Dr.G. SADASHIVAPPA,Controller of Examinations,Professor in E&TC Engineering,RV College of Engineering,Bengaluru	98
	Webinar	WEBINAR on “Cyber Security and Ethical Hacking ”	11 th Jun 2021	Mr. Abhisek Mitra	80

	ISTE	FDP	6 days Refresher Program on 5G and its impleme ntation	21st Dec 2020 to 26th Dec 2020	<p>Dr.Babu Professor ECE dept. National Institute of Technology Calicut</p> <p>Mr. S. Vijay Anand, Assistant Vice President – AltranTechnology</p> <p>Mr. Kumarasamy Durairajan BITS Pilani</p> <p>Dr. Rajarshi Mahapatra Associate Professor & Dean (Academics) International Institute of Information Technology, Naya Raipur, Chhattisgarh</p> <p>Dr. Ambika Prof. & Head ECE Dept BMSIT Bangalore</p> <p>Dr. S. Ravi Shankar Prof. ECE dept. R V College of Engg. Bangalore</p> <p>Dr. Nagaraj G. S . Prof. Dept of CSE R V college of Engg. Bangalore</p> <p>Dr P N Sudha Prof. & Head ECE dept KSIT</p> <p>Dr Giribabu Ms. Sabitha Gauni Associate Professor/ Dept. of ECE, SRMIST, Prof. Chandrasekhar Shastry Dean,P.G.Studies, Jain University, Bangalore</p> <p>Mr. Sasindran Prabhu Associate Professor ECE dept. KSSEM Bangalore</p> <p>Mrs. Rohini Chakravarthy</p>	92
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		FDP	<p>A 6 Days Refresher Program on Next Generation Wireless Communication: 5G and its Beyond</p>	<p>3rd to 8th May 2021</p>	<p>Dr.G. Maheswaran, Principal, VSA Group of Institutions, Salem, TN . B. SathishBabu, Professor, R V College of Engineering, Bangalore Dr.Siddesh.G K, Associate Professor & HOD, ECE Dept., JSSATE Mr.PrateekHarsora, Faculty at Art of Living Bangalore Dr.RabidranathBera Sikkim Manipal University Sikkim Dr.Sangmesh, Assistant Professor & Incubation Manager, BMS Incubation Dr.P. B. Manoj, Associate professor, AMC Enggcollege, Bangalore Dr.R. Nagaraja, Professor, Research and PG coordinator, Bangalore Institute of Technology. Dr.R.Venkateswari, PSG College of Technology, Coimbatore Dr.RajeshreeRaut Govt. College of Engineering Nagpur Maharashtra Dr.SAPTARSHI CHAUDHURI Dr.ThippeSwamy G, Professor, BMSIT& M Dr.Sridhar Iyer, R&D Coordinator, S.G. Balekundri Institute of Technology, Belagavi Dr.P.N.Sudha , Prof & Head, ECE Department, KS.Institute of Technology, Bangalore</p>	98
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				24th to 29th May 2021	<p>Dr . Nidhi M B Dr NAGARAJA G.S, Professor and Associate Dean, RV College of Engineering, Bangalore Mr. Rakshak Agrawal, System Architect, Nokia Networks. Dr. G.T.Raju, Principal, SJCIT, Chikkabalapur. Dr. Mihir. N. Mohanty, Professor, ITER, Siksha ‘O’ Anusandhan, Odisha University. Dr.Siddalingappagouda Biradar , Associate Professor, Dayananda Sagar Academy of Technology , Bangalore.Mr.Chengappa.M .R , Architect, W.W.Telco Solution Strategy R&D Labs Hewlett Packard Enterprise Mr.Mahadesha.V, Program Director, Centre for e- Governance, Government of Karnataka Dr.Rutvij.C.Joshi, A.D.Patel Institute of Technology ,Gujarat Mr.Chengappa.M.R , Architect, W.W.Telco Solution Strategy R&D Labs Hewlett Packard Enterprise : Ms. Ramya Kovanur, ISHA Foundation .Michaelraj Kingston, Sri Eshwar College of Engineering, T.N Dr.Anil Kumar, State Project Administrator, SPIU-UP/ TEQUIP-III, Ministry of Education, Government of India Dr.Rekha.P.M, JSSATE, Bangalore.</p>	100
		FDP	A 6 Days Refreshe r Program on FUTUR E WIREL ESS COMM UNICA TION: STAND ARDS &TECH NOLOG IES			

Table 4.6.1.2a: Professional Societies/Chapters for the Academic Year 2019-20

A. Availability and Activities of Professional Societies/Chapters	B. Number ,Quality of Engineering Events(Organized at)		
	Institute Level	State Level	Total
IEEE KSIT STB	24	3	27
IETE	3	1	4
ISTE	3	1	4
IEI	2	0	2
GARUT Club	1	1	2
Antariksh- KSIT Satellite Club	1	0	0

Table 4.6.1.2b: Events conducted details for the Academic Year 2019-20

Academic year	Organiser	Type of the Event	Name of the Event	Date	Resource Person	No of Participants
2019-20	IEEE KSIT SB	Social Event	Environmental Day	7th Jun, 2019	KSIT IEEE STB	15
		Social Event	UTTUNGA 1	12th and 13th Jul, 2019	Government High School, Sarakki,JP Nagar	13
		FDP	Three Days FDP on OUTC OME BASED NBA	17th-19th Jul 2019	Dr. B V Ravishankar, Principal, BMSCE, Bengaluru	21
		Social Event	UTTUNGA 2	19th and 20th Jul, 2019	Government High School, Sarakki,JP Nagar	19
		Social Event	UTTUNGA 3	26th and 27th Jul, 2019	IEEE KSIT along with WIE affinity group and Health shotz conducted	23
		Social Event	UTTUNGA 4	3rd and 4th Aug 2019	IEEE KSIT along with WIE affinity group and Health shotz conducted	23

		Guest Lecture	Social media Networking Impacts on College Students	25th Sep 2019	Dr. Hamsaveni, BHMS doctor,	168
		Guest Lecture	Entrepreneur's life and career opportunity	27th Sep 2019	Mr.Gurusharan	78
		Social Event	INNOVACEEE A 3.0	30th Sep 2019	Dr.K.V.A Balaji CEO, K.S. Group of Institutions	459
		Workshop	APP Development Programme	28th - 29th Sep 2019	V sem CSE Students	18
		Social Event	IEEE Day Celebrations	01 st Oct 2019	Abhishek Appaji IEEE,BMSCE ,Bengaluru	111
		IEDC	IDEATHON Contest	1st Oct 2019	Dr. Joy Phabhakaran, Dr. Ram P Rustagi, Key resource persons, KSIT.	44
		Workshop	MINI PROJECT EXHIBITION	1st Oct 2019	Dr. Sasindhran M Prabhu	84
		Industrial visit	Industrial Visit to iCAT Media & Design	3rd Oct 2019	iCAT Media & Design for 7th Sem Students	115
		Technical talk	Technical Talk on Evoluti	14th Oct 2019	Prof. K. Krishnaswamy , Project Director, NIU	138

		on of NANO Satellite s		SAT	
	Industrial visit	NAL Industri al Visit	31st Oct 2019	Mr. Somanarayan of NAL-CSIR	120
	Guest lecture	Guest Lecture on Advanc es in Electro nics and Commu nication engg	8th Nov 2019	Dr.Gayathri K.M	99
	FDP	Five- day Academ ic Develo pment Progra m	27th Jan- 31th Jan 2020	Many speakers from Industry	65
	Technical talk	TECH TALK 5G COMM UNICA TIONS	30th Jan, 2020.	Mr. Manivannan Aru, Managing Director, Kirusa India Pvt Ltd,	46 IEEE students
	Technical talk	“ML and it’s applicat ions”	31st Jan, 2020	Mr. Subramanian C, of Intel crop.	30 IEEE students
	Social Event	Internat ional Women s Day Celebra tion	9th Mar 2020	Mrs.Kumudhi ni Ravindra, the vice-chair of WIE IEEE Bangalore section,	155
	Social Event	ONLIN E QUIZ ONTH E NOVE L CORO NAVIR US	23rd Mar, 2020	IEEE STB Execom Members	91

		Social Event	Virtual Inauguration of IEEE KSIT Signal Processing Society Student Branch Chapter and a webinar on Carl Fredrich Gauss and signal Processing	30th April 2020	Prof. K.V.S. Hari , Member, Board of Governors, IEEE Signal Processing Society as Vice President	37
		Social Event	EVENT : CODE / n WIN 1.0	4th May 2020	IEEE STB Execom Memembers	288
		Workshop	WORKSHOP ON ADOBE ILLUSTRATOR AND ADOBE XD	19th & 20th April , 2020	Ketan Keshav	42
	IEDC		WEBINAR ON HOW TO LAUNCH YOUR OWN START UP	21st Jun, 2020	Mr.Raghav Naidu G is the CEO of G-MART and co-founder of Health Shotz	25
		Workshop	INTRODUCTION TO MATLAB AND SIMULINK PRODUCTS	22nd & 23rd Jun, 2020	CoreEL Technologies	32
	IETE	Workshop	A 2	1st-2nd	Mr. Sagar HB,	46

			days workshop on Image & Video Processing using Raspberry Pi	October 2019	Application Engineer, Telos Technologies. Mr. Mahesh.B.S, Application Engineer, RS Components, Bangalore	
		Workshop	One-day workshop on "Robotics"	30th Sep 2019	Avian Aerospace, Bangalore	28
		Guest Lecture	Microwave Antennas :Advances and Applications	31st Aug 2019	Dr.Chaitanya Kumar M.V,Principal PESIT & M.Shimoga	97
		Social Event	"Side Effects Of Mobile Phone And Wireless Radiations"	10th-16th August 2019	The Garut Aeromodeling Club	115
	ISTE	Student Convention	16th Karnataka State Level Student Convention	22nd Feb 2020	Mr.Tejasvi Surya Member of Parliament Bengaluru South, Guest of honour Dr.D.S.Suresh Chairman,ISTE Karnataka Dr.C.K.Subbaraya, past Chairman,ISTE Karnataka Prof.Nijananda Reddy, Secretary cum Treasurer,ISTE Karnataka.	341

		Guest Lecture	Guest Lecture on Advances in Electronics and Communication Engineering	8th Nov 2019	Dr.Gayathri K.M	99
		Technical talk	Technical Talk on Evolution of NANO Satellites	14th Oct 2019	Prof. K. Krishnaswamy, Project Director, NIU SAT	138
		Industrial visit	Visit to iCAT Media & Design	3rd Oct 2019	iCAT Media & Design for 7th Sem Students	115
	IEI	Technical Talk	Evolution of NANO Satellites	14th Oct 2019	Prof. K. Krishnaswamy, Project Director, NIU SAT	138
		Guest Lecture	Advances in Electronics and Communication Engineering	8th Nov 2019	Dr.Gayathri K.M	99
	GARUT Club	Social Event	"Side Effects Of Mobile Phone And Wireless Radiations"	10th-16th August 2019	The Garut Aero modeling Club and The IETE Students Forum (ISF)	115
		Workshop	One-day workshop on "Robotics"	30th Sep 2019	Avian Aerospace, Bangalore	28

	Antariksh - KSI T Satellite Club	Seminar	New Space Era of Satellites and Systems Engineering	15 th May 2020	Padmashree Prof. R.M Vasagam	43
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Table 4.6.1.3a: Professional Societies/Chapters for the Academic Year 2018-19

A. Availability and Activities of Professional Societies/Chapters	B. Number ,Quality of Engineering Events(Organized at)		
	Institute Level	State level	Total
IEEE KSIT STB	14	3	17
IETE	3	0	3
ISTE	4	0	4
IEI	1	0	1
GARUT Club	2	0	2

Table 4.6.1.3b: Events Conducted details for the academic year 2018-2019

Academic year	Professional societies/chapters	Type of the event	Name of the event	date	Resource person	No. of participants
2018-19	IEEE KSIT STB	Technical Talk	International Girls in ICT Day	25th April 2019	Dr.Kamal Deep Peter,Hemant Bansal, Deepali Pandey,Kiran Kumar Tippani,Moumita Das from Oracle Team	100
		Industrial Visit	Industrial visit to NAL-CSIR	22nd Mar 2019	NAL Bengaluru	50
		Industrial Visit	Industrial Visit to NAL(6th Sem)	7th Mar 2019	NAL Bengaluru	100
		FDP	FDP on Aspects of Effective programming and research	16th-18th Jan 2019	Dr Joy Prabhakaran Dr Ram Rastogi	25

		Workshop	Inter – Collegiate Mini Project Exhibition	3rd Oct 2018	Dr. M J Shanti Prasad	43
		Workshop	Programmin g and logical skills	21st Aug 2018 to 19th Sep 2018	Dr. Joy Prabhakaran	100
		Social Event	Internationa l Womens Day Celebration	8th Mar 2019	Mrs.C. Saraswathi Nagarajan System Engineering Consultant, UG AcademyMs. Purnima Nambiar Founder & CEO of Trintab Intervention	100
		Social Event	5K Marathon	1st Mar 2019	D.Rukmanda ,Honourable Treasurer KS Groups	200
		Social Event	Dental health awareness and free screening camp	3rd Nov 2018	Parth Dental Clinic	200
		Social Event	AASARE-Visit to old age home	11th Oct 2018	Jeevan Sandhya Ashram, Bangalore	20
		Social Event	Inter – Collegiate Poster Presentation (women as leader,Innov ator)	3rd Oct 2018	Dr. Fathima Jabeen	50
		Social Event	IEEE day celebration	3rd Oct 2018	Ms. Divya M G	30
		Social Event	Student Branch Meeting	22nd Sep 2018	KSIT IEEE STB	30
		Social Event	Execom meeting	1st Sep 2018	KSIT IEEE STB	20
		Social Event	AASARE fund raising for flood effected	Jul 2018	Fund Raising For Floods in Coorg and Kerala	100

		Social Event	Happiness Program for faculties of KSIT	23-Jul-18 to 28-Jul-18	Vijayayshri and Vanishri ,ART of Living,Bengaluru	22
		Social Event	Humanitarian Event	22nd Jul 2018	Karnataka Anatha Makkala Abhivrudhi Samasthe”BSK 3 stage ,Bengaluru	30
	IETE	Industrial Visit	Industrial visit to NAL-CSIR	22nd Mar 2019	NAL Bengaluru	50
		Workshop	Two Days Workshop on Matlab Signal Processing Applications	19th-20th Nov 2018	Mr. Pramod Kumar Naik, Senior Application Engineer , CoreEL Technologies, Bangalore,	100
		Guest Lecture	Guest Lecture on Machine learning and deep learning applications	5th Oct 2018	Mr. Pramod Kumar Naik, Senior Application Engineer , CoreEL Technologies, Bangalore,	100
	ISTE	Industrial Visit	Industrial visit to NAL-CSIR	22nd Mar 2019	NAL Bengaluru	50
		Seminar	Technical Seminar on “Artificial Intelligence and Machine Learning- Industry Trends”	20th Feb 2019	Abhilash Manu , AI Automation Lead for Products- Industry Innovation Hub , ACCENTURE	120
		Technical Talk	Technical Talk on Microwave Amplifiers and Its Research Issues	2nd Nov 2018	Dr.B.T.Venkatesh Murthy,Assistant Professor,ECE Dept,SIT Tumkur	120
		Industrial Visit	Industrial visit to NAL	26th Sep 2018	Mr. A Somanarayanan	60
	IEI	Technical Talk	Technical Talk on Microwave Amplifiers	2nd Nov 2018	Dr.B.T.Venkatesh Murthy,Assistant Professor,ECE Dept,SIT Tumkur	120

			and Its Research Issues			
	GAR UT Club	Workshop	Quadcopter Workshop	01st & 02nd Sep 18	Mr. Shankarsan, resource person from Skyfi Labs	50

Table 4.6.1.4a: Professional Societies/Chapters for the Academic Year 2017-18

A. Availability and Activities of Professional Societies/Chapters	B. Number ,Quality of Engineering Events(Organized at)		
	Institute Level	State level	Total
IEEE KSIT STB	13	1	14
IETE	3	0	3
ISTE	2	0	2

Table 4.6.1.2b: Events Conducted details for the academic year 2017-2018

Academic year	Professional societies/chapters	Type of the event	Name of the event	Date	Resource person	No. of participants
2017-18	IEEE KSIT STB	Social Event	IEEE Valedictory Function	7th May 2018	Shrikanth S Tangade , IEEE Bangalore Section ,Co-Chair (SAC) and Branch Counselor, REVA University, Bangalore	60
		Social Event	InnovacEE Ea 2.0	24th Mar 2018	IEEE KSIT Student Branch	100
		Social Event	International Womens Day Celebration	8th Mar 2018	Ms.Suma Krishnaswamy	100
		Social Event	Visit to Government School	23rd Feb 2018	Vani Vilas Girls School , Kalasipalya , Bangalore and Kadapaswamy matta Government high school, Bangalore	50

	Social Event	Visit to DESIRE Society	20 th Jan 2018	Desire society Kothanur dinne, Jpnagar, Bangalore	20
	Social Event	IEEE Day Celebrations	4 th Oct 2017	Y V S Lakshmi , IEEE Bangalore Section Treasurer(2017)	50
	Social Event	Talk on Womens Safety and self Defence	23rd August 2017	Dr. Hemavathi Srinivasan	50
	Workshop	Project Exhibition	10th May 2018	Mr.Ganeshan Viswanathan , Viswa Jyothi Technologies Pvt Ltd.Bangalore.	120
	Workshop	Mini Project Exhibition .	4th Oct 2017	Shri Ranga Raju, Professor,Electronics and communication Department. BIT,Bengaluru	50
	Workshop	Two Day workshop on IOT	1st and 2nd September 2017	Skyfi Labs,Bengaluru	15
	Workshop	Internship on 3D printing	27th August 2017	Student Presenting a topic assigned to them	30
	Seminar	Talk on GSM	7th Feb 2018	Mr. C.K.Prem Kumar, M.E. Chief Business co-ordinator and Mentor, Ulta Cube private limited	100
	Seminar	Technical Talk on Python and Industrial Applications of Python	10th Oct 2017	Mr. Palani ,LIVE WIRE organisation, Bengaluru	120
	Seminar	Technical Talk on IOT and its Applications	12th Aug 2017	MR.Bhimsec G.V CEO of KNOWX innovations PIV. LTD.	30

	IETE	Workshop	A Two days workshop on "Embedded Systems with MSP430"	09 th - 10 th Feb 2018	Mr.Sanjay Jyothi Technologies, Bengaluru	22
		Guest Lecture	Guest Lecture on FT and its application	26th Sep 2017	DrChaitanya Kumar ,Principal,HKBK college of Engineering,Bengaluru.	83
		Technical Talk	Technical Talk on trends in IOT	16th Sep 2017	Dr. Vishwas Lakkundi ,Principal architect,Incedo Inc,Bengaluru	100
	ISTE	Seminar	Talk on GSM	7th Feb 2018	Mr. C.K.Prem Kumar, M.E. Chief Business co-ordinator and Mentor, Ulta Cube private limited	100
		Technical Talk	Talk on Womens Safety and self Defense	23rd August 2017	Dr. Hemavathi Srinivasan	50

4.6.2 Publication of technical magazines, newsletters, etc. (5)

Institute Marks: 5.00

Department publishes newsletter annually. Editorial board consists of faculty and student representatives. Newsletter also exhibits the achievement done by faculty & students and the events conducted various professional bodies.

- Department Newsletter –PRERANA
- IEEE KSIT STB Newsletter- MOMENTUM

Table 4.6.2a Department Newsletter –PRERANA

Sl.No.	Volume	Date	Editorial Team Members	
			Faculty	Students
1	PRERANA Volume 1	Oct 2015	Mr. Sunil Kumar G.R Mrs. Sahana	Sushma S N,VI-B Varsha S,VI-B Chethana.G.N, Aakash.P.S,II-A
2	PRERANA Volume 2	Oct 2016	Mrs. Sahana Salagare Mrs. Lakshmi H R	Akhil D.R, VIII-A Aakash P.S,IV-A Amulya,IV-A Chethana.G.N,IV-A
3	PRERANA Volume 3	Oct 2017	Mrs. Sahana Salagare Mrs. Lakshmi H R	Chethana Gowda,VI-A Nihanth K, VI-B Pavithra S, VI-B Swathi S, IV-C Suvijith S, IV-C Aakash P.S,VI-A
4	PRERANA Volume 4	Oct 2018	Mrs. Sahana Salagare Mrs. Lakshmi H R	Aakash P.S, VIII – A Chethan Gowda , VIII- A Swathi K.S, VI-B Smitha S Karanth, VI-B Skanda G.N, VI-B Suvijith S, VI-B Neha N.V, VI-A Sudhanshu Sharama, IV-C Kadri Srinidhi Rao, IV-A
5	PRERANA Volume 5	March 2020	Mrs. Sahana Salagare Mrs. Lakshmi H R	Smitha S Karanth,VII-B Skanda G.N,VII-B Suvijith S,VII-B Swathi K.S, VII-B Kadri Srinidhi Rao VI-A Neha N.V,VI-A Vishal Gowtham N, IV-B Anusha, IV-A
6	PRERANA Volume 6	August 2021	Mrs. V.Sangeetha Mrs. Sahana Salagare	Kadri Srinidhi Rao VII-A Neha N.V,VII-A Vishal Gowtham N, V-B Rithvik, III-B Shiva Shankar, III-B
7	PRERANA Volume 7	2021	Mrs. V.Sangeetha Mrs. Smitha Mallya	Vishal Gowtham.N VII-B Rithvik.P V-B Shiva Shankar.B V-B Disha Shivani III- A Gayathri P K III-A Jagruti pai III-A

Table 4.6.2b IEEE KSIT STB Newsletter- MOMENTUM

Sl. No.	Volume	Date	Editorial Team Members	
			Faculty	Students
1	MOMENTUM Volume 1	APRIL 2016	Mrs. Jayasudha B.S.K Mr. SanthoshKumar B.R	Sudharshan, VIII-B Srilakshmi, VIII-B Vasupradha.B.R, VIII-B Shubha.N, VIII-A Vikas Shrikanth, VIII-B Anushree.R, VIII-B Manu Hebbar, VIII-B Navyasri, VIII-B
2	MOMENTUM Volume 2	MAY 2017	Mrs. Jayasudha B.S.K Mr.SanthoshKumar B.R	Varsha Bhat, VIII-B Nihanth.K, VI-B Shreyas R. Y, VI-B Pavithra S, VI-B Varalakshmi, VI-B
3	MOMENTUM Volume 3	MAY 2018	Mrs. Jayasudha B.S.K Mr.Santhosh Kumar B.R	Nihanth K, VIII-B Pavithra S, VIII-B Yukesh, VIII-B Varalakshmi, VIII-B Pallavi, VIII-B
4	MOMENTUM Volume 4	MAY 2019	Mrs. Jayasudha B.S.K Mr. Santhosh Kumar B.R	Abhishek S Gowda-VIII-A Chethan N Shetty, VIII-A Alekhya Raghunath, VIII-A Kavya M, VIII-A
5	MOMENTUM Volume 5	April 2020	Mrs. Jayasudha B.S.K Mr. Santhosh Kumar B.R	Ketan Keshav-VIII-A Nagalekha Ramesh, VIII-A S Shwetha, VIII-B

4.6.3 Participation in inter-institute events by students of the program of study (10)

Institute Marks: 8.00

(The Department shall provide a table indicating those publications, which received awards in the events/conferences organized by other institutes.)

Table 4.6.3.1a: Participation in inter-institute events by students of the program of study and prizes received for the academic year 2020-21

A. Events within the state	B. Events outside the state	C. Prizes/awards received in such events
4	141	2

Table 4.6.3.1b: Event attended details of students for the year 2020-2021

Sl. No.	Name of the Student	Event details	Organized by	Date	Award/Participated
1	Gayathri Warriar	Applied Physics Quiz Competition	Sapthagiri college of Engineering, Bangalore	6 th Jul 2020	Excellent Performance Certificate
2	Monisha B.R	Rank 21530 in Drupal	Times jobs & Techgig	4 th Nov 2020	Certificate of Participation
3	Monisha B.R	Rank 759 in angular s Easy test	Times jobs & Techgig	25 th Nov 2020	Certificate of Participation
4	Monisha B.R	Rank 1408 in Node JS Easy test	Times jobs & Techgig	25 th Nov 2020	Certificate of Participation
5	Monisha B.R	Tech Geek goddess	Times jobs & Techgig	7 th Dec 2020	Certificate of Participation
6	Monisha B.R	Rank 4132 in Drupal	Times jobs & Techgig	10 th Dec 2020	Certificate of Participation
7	Deeksha S.N	E quiz on General Awareness about basics of start up	MIT, Meerut & Institution of Innovation Council (Ministry of HRD Initiative)	16th- 22th Apr 2021	Certificate of participation
8	Suraj V Ghorpade	Microsoft AI Classroom series Microsoft	Microsoft AI	25 th Jun 2021	Certificate of participation
9	Monisha.B.R	TECH GIG Code gladiators	Times job & Techgig	2021	Certificate of Participation
10	Navya MS	Hackathon	Katalyst, India	Jun 2021	Certificate of participation
11	Lavanya M	IEEE workshop Project based competition	IEEEKLE, Belgaum	10 th Jul 2021	First place

Table 4.6.3.1c: Publication details of students for the year 2020-2021

SL. No	Name	Title of paper	Publication details	Date
1	Akshitha V Ramesh Apeksha Ravi Kumar Amulya S Iyengar Lekha Yadav B	Implementation and Design of FIR Filters using verilog HDL and FPGA	Perspectives in Communication, Embedded- Systems and Signal Processing (PiCES)- An International Journal pp 4-7, 2020, ISSN: 2566- 932X	Online 2020

2	Navin Kumar H G	Literature review on Hybrid temperature sensing and monitoring system with built-in sanitizer	International Advanced Research Journal in Science, Engineering and Technology Vol.7, No12 , pp. 66-70, 2020, ISSN: 2393-8021	Dec-20
	Navya S			
	Pratima Agnihotri			
	Pratima V Kashyap			
3	Anirudh K N	Unified Meter For Electricity, Gas and Water with Automatic Billing and Payment	International Research Journal of Engineering and Technology, Vol. 07, Issue.05 Aug 2020, pp. 811-816, e-ISSN: 2395-0056, p-ISSN: 2395-0072	Aug-20
	Sudhanshu S Sharma			
	Vivek R			
4	Brunda S	Automation of Manually Operated Devices	International Journal for Research in Applied Science & Engineering Technology (IJRASET) Vol.08, No8, Aug 2020, pp. 411 - 416, ISSN: 2321-9653	Aug-20
	Deepika M			
	L S Baby ram			
	Likhitha Y			
5	Shreyas K V	Multi account embedded atm card with Fingerprint recognition	International Research of Journal of Engineering and Technology (IRJET), Vol 7, Issue.08, Aug 2020, pp:1687-1691,e- ISSN : 2395-0056, p- ISSN:2395-0072	Aug-20
	Sananda Rao K S			
	Suhas M V			
	Krishna D			
6	Nandan Gowda	Smart Voting System using Face Recognition	International Research Journal of Engineering and Technology, (IRJET),Vol 07,No. 08 Aug2020, pp: 1463-1467, e-ISSN:2395-0056, p- ISSN: 2395-0072,	Aug-20
	Jayam Haresh Tharun			
	Ashik B N			
	Deepak Lamini			
7	Shrinidhi N S	Gyro-assisted multi terrain rover	International Research Journal of Engineering and Technology (IRJET), Vol.07, No08, Aug 2020, pp. 2061-2065, e-ISSN: 2395-0056, p- ISSN:2395-0072	Aug-20
	Shylesh Raj T D			
	Skanda N			
8	Vasudev Updhyaya K S	Miniature water purifier Based on IoT	International Research Journal of Engineering and Technology(IRJET), Vol.07, Issue.08 Aug 2020, pp-2201-2205, e-ISSN:2395-0056, p- ISSN:2395-0072	Aug-20
	Tejas P			
	Vignesh Kumar V			
	Praveen Tulsidas Naik			
9	Ravi Nandan	Modern Agriculture using Swarm Robots	International Journal of Advance in Engineering and	Aug-20
	Lokesh S			

	Nikita Balapa Narasannavar		Management(IJAEM) Vol.02, No: 04, 30	
	Pratyusha S		Aug 2020, pp: 67 - 70, ISSN : 2395-5252	
10	Pooja P G	Communication in LI-FI	Journal of Emerging Technologies and Innovative Research (JETIR), Vol.07, No. 08, August 2020, pp-1425-1429, ISSN:2395-5162,	Aug-20
	Yash Rai			
	Sumukha S Ram			
	Akash B N			
11	Shreya Srinivas	Commuting Aid for Visually Impaired People	International Research Journal of Engineering and Technology (IRJET), Vol.07, Issue. 08, Aug2020, pp: 1231 -1234, ISSN : 2395-0056.	Aug-20
	Sarah Ahmed			
	Saurav Kumar			
	Spurthi M K			
12	S Shwetha	Enhanced Refrigerator with Quality and Quality Quantity Monitoring(ERQQM)	International Journal for Research in Applied Science & Engineering Technology(IJRASET) Vol 8, No8 ,Aug 2020, pp . 122-124. ISSN: 2321-9653, IC Value . 45.98, SJ Impact Factor : 7,429	Aug-20
	Chandana R			
	Shreyashwini			
13	Priya S	Automatic Ration Material distribution	International Journal of Advances in Engineering and Management (IJAEM), Vol 2, No 4, pp: 641-616, No4, Aug 2020 pp . 641 -646. ISSN: 2395 - 5252, Impact Factor Value: 7,429	Aug-20
	Varshini K S			
	Vidhya K S			
	Vidya B			
14	Divya Lakshmi G	Automatic Gas Leakage Detection and Booking System	International Research Journal of Engineering and Technology(IRJET), Vol 7, No8, pp: 409- 411, Aug 2020. ISSN: 2395 - 0056, Impact Factor Value: 7,529	Aug-20
	Deepa R			
	Komal Khandelwal			
	Lakshmi Priya			
15	Apeksha Ravi Kumar	Precision Agriculture: A Review on its Techniques and Technologies	International Research Journal of Modernization in Engineering Technology,(IRJET), Vol 2, No9, pp: 1326-1332, sep 2020. ISSN: 2582-5208, ImpactFactor Value: 5.354	Sep-20
	Divya T.M			
	Lekha Yadav B			
16	Anagha A Kashyap	Machine Learning Techniques for Cardiovascular score Prediction – A Review	International Research Journal of Engineering and Technology (IRJET) Vol 8, No1, pp: 1792-1798, Jan 2021. ISSN: 2395-0056, ImpactFactor Value: 7.529	Jan-21
	Anusha L			
	Rachana S			
	Sahana V			
17	Ayush Raj	Operation Theatre Automation and Control(OTAC)	International Research Journal of Engineering and Technology (IRJET) Vol 7, No8, pp: 1244 - 1250, Aug 2020. ISSN: 2395-0056, ImpactFactor Value: 7.529	Aug-20
	Rahul Kumar			
18	Ayush Raj	Survey on Operation Theatre Automation and Control(OTA)	International Research Journal of Engineering and Technology (IRJET) Vol 7, No 6, pp: 1244 -	Jun-20
	Rahul Kumar			

19	Shamanth Raj D N	Literature Review on "IOT Based Plant Disease Detection"	12549 2020. ISSN: 2395-0056, International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No5, May 2021	May-21
	Harshitha B			
	Vanitha C			
	Chandu PJ			
20	Anitha R	A Survey on Brain Actuated Applications for Paralyzed People"	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No5, May 2021 DOI: 10.17148/IARJSET.2021.8535	May-21
	Bhavana J			
	G S Surabhi			
	Madhu S			
21	Suraj V Ghorpade	AI based Armed Surveillance Robot	International Journal of Computer Applications Technology and Research Volume 10, No 07, 183-185, 2021, ISSN:-2319-8656	2021
	Vrindha Sham Bhatt			
22	Ayesha Rosheen	Implementation of Quine Mc- Cluskey Method on FPGA	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No7, May 2021 DOI: 10.17148/IARJSET.2021.8533	Jul-21
	Bindu J			
	Chaithra V M			
23	Chethana Prasad K	Morse code based secured authentication system through artificial intelligence	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No 5, May 2021 DOI: 10.17148/IARJSET.2021.8556	May-21
	Disha S			
	Divya T M			
24	Chethana Prasad K	A Comprehensive Study of Face Recognition for security Based Systems	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 05, pp: 355 - 361,2021,-ISSN: 2393-8021	May-21
	Disha S			
	Divya T M			
25	Sowjanya K N	Automatic Movable Smart Road Divider Using IOT	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No 6, pp. 839-843, 2021, ISSN: 2393-8021	Jun-21
	Nikhil			
	Jamadagni H N			
	K Unnimaya			
	Bhavana G			
26	Sharath Kumar R	IOT Based Cloud Integrated Smart Classroom and Sustainable Campus	International Advanced Research Journal in Science, Engineering and Technology, Vol, 8, No. 5, pp:347-350, 2021, ISSN: 2393-8021,	May-21
	Yathish S Dhanjaya			
	Renuka Prasad M R			
	Subramani Gajanan Moger			
27	Chethana S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 1 - 5,2021, e-ISSN: 2394-1588,	Jul-21
	Bhavana B S			
	Mamatha K S			
28	Sandeep Kumar M	Literature review on Clock optimization for High speed	International Advanced Research Journal In Science, Engineering and Technology, Vol 8, No.6,	Jun-21
	Syed Waqur			

	Kashif	synchronous Circuits	pp.737-740, 2021, ISSN : 2393-8021	
	Rahesh C S			
	A Yeshwanth			
29	Monisha A	Smart Manhole Toxic Gas Identification and Altering System Review	International Advanced Research Journal in Science , Engineering and Technology, Vol.8, No.2, pp.122-124, 2021, ISSN : 2393-8021	Feb-21
	Penujuri Naga Sai Snehitha			
	Ramyra R			
30	Abhijith Sudhir	Entire Body Postural Analysis Assessment Device for Computer Operators	International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 6, pp:911-917, 2021, ISSN: 2393-8021,	Jun-21
	Amoghavarsha N. D			
	Devale Sudarshan			
	Vinayak Bajantri			
31	Sujay R	Survey on sign language to text and speech conversion using Machine Learning Model	International Journal of Research Publication and Reviews Vol 2, No. 7, pp, 2021,ISSN : 2582-7421	2021
	Somashekar M			
32	Siri Ravinath	LED Distance Indicator Literature Survey	International Advanced Research Journal in Science Engineering and Technology, Vol 8,No. 7,pp 129-131,2021,ISSN : 2393-8021	Jul-21
	Supriya S			
33	R Sushmitha	Smart Road system	International Journal of Recent Advances in Multidisciplinary Topics , Vol.2, No. 7, pp.128- 130, 2021, ISSN: 2582-7839,	2021
	K Vandana			
34	A N Bhoomika Chowdary	The design, modelling, construction and implementation of Self-balancing robot	International Advanced Research Journal in Science, Engineering and Technology, Vol,8, No. 6, 2021, ISSN: 2393-8021,	Jun-21
	Charan G			
35	Deeksha S N	Review on automatic sanitizer dispensing machine	International Advanced Research Journal in Science, Engineering and Technology, Vol 08, No:06, pp : 938-939, 2021, ISSN: 2393-8021	Jun-21
	Aishwarya R			
36	Harshitha S	Laser Based Security System	International Advanced Research Journal in Science, Engineering and Technology, Vol 08, No:07, pp : 91-93, 2021, ISSN: 2393-8021	Jul-21
	Janhavi K P			
37	Chethana K S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 04, pp: 362 - 364,2021, e-ISSN: 2393-8021,	Jul-21
	Bhavana B S			
	Mamatha K S			
38	Abijith Sudhir	Entire Body Postural Analysis Assessment Device for Computer	International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 6, pp:364-	Jun-21
	Amoghavarsha N D			

	Devale Sudarshan	Operators	366, 2021, ISSN: 2393-8021,	
	Vinayak Bajantri			
39	Ana Episha F	Smart Two-Wheeler	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.5, pp.397-400, ISSN: 2393-8021.	May-21
	Aman Kumar Singh			
	Kshitiz Gurung			
	Rakesh M D			
40	Ana Epsibha F	Smart Two-Wheeler	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.6, pp.397-400, ISS: 2393-8021.	Jun-21
	Aman Kumar Singh			
	Kshitiz Gurung			
	Rakesh M D			
41	Shivani k	Literature Review on Personalized Asthma Prediction by Early Detection	Journal of Applied Science and Computations. Vol 8, No.6, pp.27-31, ISSN :0022-1945.	Jun-21
	Shravya S Acharya			
	Vaishnavi S			
	Vaishnavi Sriharshan			
42	Chethan G	Literature review on Automatic Gate Control System using Number Plate Recognition with OCR	International Advanced Research Journal in Science and Technology, Vol.8, No.5, pp.280- 285,2021,Issn : 2393-8021,	May-21
	Rahul R Nadig			
	Supriya V			
43	Chethan G	Automatic Gate Control System Using Number Plate Recognition with OCR	International Advanced Research Journal in Science , Engineering and Technology, Vol.8, No.6, pp.858-865, 2021, ISSN : 2393-8021	Jun-21
	Rahul R Nadig			
	Supriya V			
44	Asiya Fathima N	Smart Water Metering System	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 280-284, 2021, ISSN: 2393-1588,	Jul-21
	Deviyani G			
	Kamnoor Sushma			
45	M Nihitha Yadav	Density Based Traffic Signal System using Microcontroller	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 253-254, 2021, ISSN: 2394-1588,	Jul-21
	Mohammed Faizan			
46	Pruthiviraj N	Literature review on Area- Delay-Power Efficient Carry- Select Adder	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 262-264, 2021, ISSN: 2393-8021,	May-21
	Ruthvik Ravish			
	Shreyas H R			
	Surya N			
47	Navya M S	Automatic Water	International Advanced Research	Jul-

	Nirosha G J	Controller	Journal in Science, Engineering and Technology, Vol.8, No.7, pp. 255-257, 2021, ISSN: 2393-8021	21
48	Jishnu S	Human Following Robot	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 258-259, 2021, ISSN: 2393-8021	Jul-21
	Diwakar Babu Y			
49	Mohammed Faizal	Literature Review on Recognition of Stress Using Face Image and Facial Land marks	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp 792-797,2021,ISSN : 2393-8021	Jun-21
	Nikhil V			
	Nikhil V			
	Prajwal C			
50	Mohammed Faizal	Recognition of Stress using Face Image and Facial Land Marks	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp 602-612 ,2021,ISSN : 2393-8021	May-21
	Nikhil V			
	Nikhil V			
	Prajwal C			
51	Akshitha V Ramesh	A Review on the use of Emergency Ventilators for COVID-19	International Journal of Scientific Research in Engineering and Management , Vol. 5, No. 5, pp 1-5,2021, ISSN 2582-3930	May-21
	Amulya S Iyengar			
	Apeksha Ravi Kumar			
	Lekha Yada B			
52	Akshitha V Ramesh	Implementation of An Emergency Ventilator Based on Oxygen Regulation	International Research Journal of Modernization in Engineering and Technology and Science, Vol 3, No.7, pp.1172-1179, ISSN 2582-5208	Jul-21
	Amulya S Iyengar			
	Apeksha Ravi Kumar			
	Lekha Yada B			
53	Meghana B S	Automatic Rain Sensing Wiper Circuit Using 555 Timer IC	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 7, pp 110-113,2021,ISSN : 2393-8021	Juyl-21
	Nagashree A			
54	Pavan Prasad R	Peltier Enabled Dual Purpose Thermo-Electric Solar Refrigerator- A Survey	Journal of Applied Science and Computations, Vol.8, No.6, pp.1-5, 2021, ISSN : 0022-1945, 2021,	Jun-21
	Mohammed Sadath			
	Yashas R			
	Mahadeva G R			
55	Anoop Deekshith R	Development of Prosthetic Hand for the Disabled	International Advanced Research Journal in Science and Technology, Vol.8, No.5, pp.367- 370,2021,Issn : 2393-8021,	May-21
	Jeevan R S			
	Gowtham B			
	Darshan T G			
56	Anitha R	Implementation of Brain Actuated Application for	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No 5, pp. 819-	Jun-21
	Bhavana j			
	G S Surabhi			

	Madhu S	Paralyzed People	825, 2021, ISSN: 2393-8021	
57	Sahana M K	Literature review on Cloud based IoMT frame work for Automated Health Assessment and Management	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp 253-255,2021,ISSN : 2393-8021	May-21
	Sushmitha B L			
	Vidya V			
	Yashaswini R			
58	Nageli Jaya Sai Naidu	Literature Review on Detection of Keratoconus Using Image Processing and Machine Learning	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp 825-829,2021,ISSN : 2393-8021	Jun-21
	Naveen Kumar Barugupally			
	Prajwal Simha			
	Tejas K			
59	Nageli Jaya Sai Naidu	Detection of Keratoconus Using Image Processing and Machine Learning	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp 783-791,2021,ISSN : 2393-8021	Jun-21
	Naveen Kumar Barugupally			
	Prajwal Simha			
	Tejas K			
60	Naganetra M	A Review on Alcohol and Drowsiness detection for a four wheeler	Journal of Applied Science and Computations, Vol 08, No:05, pp :151-155, 2021, ISSN: 0022-1945	May-21
	Rohini D			
	Vaibhavi Sreenivasan			
	Vaishnavi Katti			
61	Bhavana B S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 04, pp: 362 - 364,2021, e-ISSN: 2393-8021	Apr-21
	Chethana K S			
	Mamatha K S			
62	H G Srinidhi	IR Underwater wireless Communication	International Research Journal in Science, Engineering and Technology, Vol,8, No. 4, 2021, ISSN: 2395-0056	Apr-21
	Abhishek K V			
	Anushri V K			
	Bhoomika P K			
63	Asiya Fathima N	Smart Water Metering System	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 407-409, 2021, ISSN: 2393-8021	May-21
	Deviyani G			
	Kamnoor Sushma			
64	Dhakshith N K	Detection of Diabetic Retinopathy Using Artificial Intelligence	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 779-782, 2021, ISSN: 2393-8021	Jun-21
	Lakshan N S			
	Manoj E			
	Manoj Kumar			
65	Anupam M L	Home Automation using Smart Mirror	International Journal of Scientific Research in Engineering and	Jul-21
	Chethan D R			

	Gopinath H C Mahadeva G		Management, Vol.5, No.7, pp. 1-7, 2021, ISSN: 2582-3930	
66	Anupam M L	Home Automation using Smart Mirror and Firebase Cloud	International Journal of Advance in Engineering and Management, Vol.3, No.6, pp. 262-264, 2021, ISSN: 2395-5252	Jun-21
	Chethan D R			
	Gopinath H C			
	Mahadeva G			
67	Monisha A	Smart Manhole Toxic Gas Identification and Alerting System Review	International Advanced Research Journal in Science , Engineering and Technology, Vol.8, No.2, pp.122-124, 2021, ISSN : 2393-8021	Feb-21
	Penujuri Naga Sai Snehitha			
	Ramya R			
68	Sandeep Kumar M	Literature review on Clock optimization for High speed synchronous Circuits	International Advanced Research Journal In Science, Engineering and Technology, Vol8, No.6, pp.737-740, 2021, ISSN : 2393-8021	Jun-21
	Syed Waqur Kashif			
	Rajesh C S			
	A Yeshwanth			
69	Akkshay U L	Solar Based Smart Grass Cutter	International Advanced Research Journal in Science Engineering and Technology, Vol 8,No. 7,pp 219-221,2021,ISSN : 2393-8021	Jul-21
	B D Shreenidhi			
	Srinivas			
	M Ranjith			
70	Shivani K	Literature Review on Personalized Asthma Prediction by Early Detection	Journal of Applied Science and Computations , Vol 8,No. 6, pp 27-31,2021,ISSN : 0022-1945	Jun-21
	Shravya S Acharya			
	Vaishnavi S			
	Vaishnavi Sriharshan			
71	Sharath Kumar R	Implementation of IOT Based Cloud Integrated Smart Classroom and Sustainable Campus	International Advanced Research Journal in Science Engineering and Technology, Vol 8,No. 6, pp 285-288,2021,ISSN : 2393-1588	Jul-21
	Yathish S Dhanajaya			
	Renukaprasad M R			
	Subramani Gajanan Moger			
72	Krithika P	Vacuum Based Wiping System for Pollen and Dust Free Surfaces – In a Case Study With Black Board	International Journal of Engineering Applied Sciences and Technologies, Vol.5, No.12, pp. 231-232, 2021, ISSN: 2455-2143	Apr-21
	M Sirisha			
	Srividya V R			
	Sushmitha K N			
73	Sujay R	Survey on Sign language to text and Speech Conversion using Machine Learning Model	International Journal of Research Publication and Reviews, Vol 2, No. 7, pp 1832 - 1833, 2021, ISSN : 2394 - 7421	Jul-21
	Somashekar M			
74	Sowjanya K N	Automatic Movable	International Advanced Research	Jul-

	Nikhil Jamadagni H M	Smart Road Divider Using IOT	Journal in Science Engineering and Technology, Vol 8, No. 7, pp 324- 329, 2021, ISSN : 2394-1588	21
	K Unnimaya			
	Bhavana G			
75	Prakruthi H	Home Automation with Arduino Uno	International Advanced Research, Ideas and Innovations in Technology, Vol 7, No. 4, pp 937- 939, 2021, ISSN : 2454 – 132X	2021
	Pooja S			
	Sheetal N Gowda			
76	Shiva Shankar B	Temperature and Movement Sensed Automatic Door Opening System	International Journal of Advance Research Publication and Reviews, Vol 2, No.7, pp:1784- 1786, 2021, ISSN: 2582-7421,	2021
	Shreyas D R			
77	Rithvik P	Non Contact Gesture Controlled Elevator	International Journal of Advance Research Publication and Reviews, Vol , No., pp:1 - 4, 2021, ISSN: 2582-7421,	2021
	S Manoj			
78	Ram Bahadur Mahara	Self Orienting Solar Panel	International Journal of Research Publication and Reviews, Vol , No., pp:1 - 4, 2021, ISSN: 2582-7421,	2021
	Rasetty Sandeep			
79	Megha R	Gas Leakage Detector	International Journal of Research Publication and Reviews, Vol.02, No. 07, pp: 1633- 1635,2021, e- ISSN: 2582-7421,	2021
	Naga Omkar			
80	Ananya Ananth	Bluetooth Based Obstacle Avoiding Robot	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No. x, pp 1 - 6,2021, ISSN : 2393-8021	2021
	Ashritha S C			
81	Thanushree D	Air Quality Detection using Embedded Systems	International Journal of Advanced Research in Computer and Communication Engineering, Vol.10, No. 07, pp: 231 - 234,2021, e-ISSN:	Jul- 21
	Vaishnavi G			
82	Deepthi Andani	Smart Car Parking System	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No. 7, pp 158 - 160, 2021, ISSN : 2393-8021	Jul- 21
	Dhanushree C			
83	Pruthivi Dinesh	Watermarking for Tamper detection of Medical Images	International Research Journal of Engineering and Technology, Vol 8, No. 5, pp 1 - 6, 2021, ISSN : 2395 - 0056	May- 21
	Varsha M S			
84	S Rahul	Voice Controlled Elevator	International Journal of Advance Research Publication and Reviews, Vol 2, No.7, pp: , 2021, ISSN: 2582-7421,	2021
	Rajath S Bhushan			
85	Monisha B R	Automatic Waste	International Journal of Research	2021

	Niharika S A	Segregator System	Publication and Reviews, Vol.01, No. 07, pp: 1795 - 1802,2021, e-ISSN: 2582-7421,	
86	Purushotham V R Shreya V Dev	Single Axis Sun Tracking Solar Panel	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1623-1625, 2021, ISSN : 2582 - 7421	2021
87	Raghu B T Raj Krishna	Design and Construction of a simple and Cost Effective Frequency Modulated Transmitter of the Range 100 Metres	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1654 - 1657, 2021, ISSN : 2582 - 7421	2021
88	S Tushar Harinath Raghavendra K P	Arduino Based Autonomous Fire Fighting Robot	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1547 - 1550, 2021, ISSN : 2582 - 7421	2021
89	Adithi S Ayesha Ruman	Terminal Chat Client Using MQTT	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.5, pp. 107 - 109, 2021, ISSN: 2393-8021,	Jul-21
90	Mahanth Sai M Manoj G S	Reverse Parking Sensor	International Advanced Research Journal in Science, Engineering and Technology, Vol, 8, No. 7, pp : 94 - 96, 2021, ISSN: 2393-8021,	Jul-21
91	Abhishek V Akash R	Automatic Plant Watering System Using Arduino	International Journal of Innovative Research in Technology, Vol,8, No. 3, 2021, ISSN: 2349-6002	Aug-21
92	Chithritha G R Darshan V	Rain Detector With Alarm	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 86-89,2021, e-ISSN: 2393-8021,	Jul-21
93	Sudheer B Thanush R S	Smart Electricity Meter	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1559-1562, 2021, ISSN: 2582-7421,	2021
94	Akash Chandrappa Guruvannavar Puneeth M	Short Range Radar System	International Journal of Research Publication and Reviews, Vol.2, No.7, pp.1726-1730, 2021, ISSN: 2582-7421,	2021
95	N.S.V Jashwanth Namith R	Smart Bluetooth Lock	International Journal of Research Publication and Reviews , Vol 2, No. 7, pp. 1834-1838,2021,ISSN : 2582-7421	Jul-21
96	Dheeraj M S	Automatic Room	International Advanced Research	Jul-

	Dinesh Kumar Nayak	Lights Controller with Visitor Counter	Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 86-89,2021, e-ISSN: 2393-8021,	21
97	Karthik B P	Voice Controlled Robot Vehicle	International Journal of Research publication and Reviews Vol 2, No. 7, pp:1601-1603, 2021, ISSN: 2582-7421,	2021
	Krishna Prasad B			
98	Vasanth Pai M	Smart Sensing Bin	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1839-1842, 2021, ISSN: 2582-7421.	2021
	Hemantha V			
99	Darshan S	Line Follower and Obstacle avoider Robot	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 183 - 184,2021, e-ISSN: 2393-8021	Jul-21
	Chinnapu Charan Teja Reddy			
100	Shreyas C	Alcohol Detection using Arduino with Motor Locking	International Journal of Research Publication and Reviews Vol 2, No. 7, pp,2021,ISSN : 2582-7421	2021
	Vakkalagadda Anil			
101	Anagha S	Smart Street Light	International Advanced Research Journal in Science, Engineering Technology, Vol.8, No.7, pp. 132-134, 2021, ISSN: 2393-8021,	Jul-21
	C A Sushma			
102	Jishnu S	Human Following Robot	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp:258-259,2021, e-ISSN: 2393-8021	Jul-21
	Diwakar Babu Y			
103	G J Nithin	Smart Energy Meter	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 179 - 183, 2021, e-ISSN: 2393-8021	Jul-21
	Harsh Sharma			
104	Dhrithirhuth Rajanna	IOT Based Home Automation and Security	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 908 - 910, 2021, e-ISSN: 2393-8021	Jun-21
	Ganesh P			
	Gokul G			
105	C M Chaithanya Vardhan	IR Wireless Communication System Through Water	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 127 - 130, 2021, e-ISSN: 2393-8021	Jul-21
	Chandan Y C			
106	Vishal. Madhusudan	Android Smart City Traveller	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 866 -869, 2021, e-ISSN: 2393-8021	Jun-21
	Vinay K			
107	K Rishika Ravi	Hand Motion Controlled Robotic ARM	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 255 -257, 2021, e-ISSN: 2393-8021	Jul-21
	Komala K V			

108	Vishwas P	Smart Irrigation System	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 113 -117, 2021, e-ISSN: 2393-8021	Jul-21
	Vinay S			
109	Varshini B M	Smart Crop Protection using Arduino	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp: 213 - 218, 2021, e-ISSN: 2393-8021	Jul-21
	Sushma A V			
110	Pavan Kumar P	Heart Beat Sensor using Arduino UNO	International Journal of Research Publication and Reviews, Vol.2, No. 8, pp. 21-23, 2021, ISSN: 2582-7421,	2021
	Nishanth J Rao			
111	Shamanth Raj D N	IOT Based Plant Disease Detection	International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No 7, pp : 289-292, 2021, ISSN: 2393-8021	Jul-21
	Harshitha B			
	Vanitha C			
	Chandu P J			
112	Naveen G	Design and Construction of Smart Sanitizer Dispenser	International Journal of Research Publication and Reviews , Vol 10, No. 7, pp. 183-185,2021,ISSN : 2319-8656	2021
	Raghotham C G			
113	Anushree M	Smart Syringe Pump for Telemedicine and Health Care	International Journal of Advance in Engineering and Management, Vol.03, No. 06, pp: 1134 - 1138, 2021, e-ISSN: 2395-5252	Jun-21
	Arpitha N			
	K Shreya			
	Pallavi S			
114	Vijay Babu K	Smart Garbage Monitoring System	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 185 -189, 2021, e-ISSN: 2395-8021	Jul-21
	Vivek Gowda J			
115	Charan Sai Y	A Survey on Ultra violet sterilization Robot for Disinfection	International Research Journal of Engineering and Technology, Vol.08, No. 05, pp: 1 - 3, 2021, e-ISSN: 2395-0056	May-21
	Purushothama V			
	Shivdatt B			
	Somashekar			
116	Jyotsna B Upadhye	Smart Notice Board	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 185 -189, 2021, e-ISSN: 2395-8021	Jul-21
	Karishma M			
117	Sowjanya K N	Automatic Movable Smart Road Divider Using IOT	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 324 -329, 2021, e-ISSN: 2393-8021	Jul-21
	Nikhil Jamadagni			
	K Unnimaya			
	Bhavana G			
118	Sharath Kumar R	Implementation of IOT Based Cloud	International Advanced Research Journal in Science , Engineering	Jul-21

	Yatish S Dhanajaya	Integrated Smart Classroom and Sustainable Campus	and Technology, Vol.08, No. 07, pp: 285-288, 2021, ISSN: 2393- 8021	
	Renukaprasad M R			
	Subramani Gajanana Moger			
119	Varshini B M	Smart Crop Protection Using Arduino	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 213-217, 2021, ISSN: 2393- 8021	Jul- 21
	Sushma A V			
120	K Rishika Ravi	Smart Irrigation System	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 07, pp: 255-257, 2021, ISSN: 2393- 8021	Jul- 21
	Komala K V			
121	Ananya Ananth	Bluetooth Based Obstacle Avoiding Robot	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. x, pp: 1 - 6, 2021, ISSN: 2393-8021	2021
	Ashtitha S C			
122	Parikshith S	Li – Fi based Text Transmission	International Advanced Research Publication and Reviews, Vol.02, No.7, pp: 1662 -1665, 2021, ISSN: 2582-7451	2021
	P Sai Govardhan			
123	Abijith Sudhir	Entire Body Postural Analysis Assessment Device for Computer Operators	International Advanced Research Journal in Science , Engineering and Technology, Vol.08, No. 5, pp: 364- 366, 2021, ISSN: 2393-8021	May- 21
	Amoghavarsha N.D			
	Devale Sudarshan			
	Vinayak Bajantri			
124	Sowjanya K N	Automatic Movable Smart Road Divider Using IOT	International Advanced Research Journal in Science, Engineering and Technology, Vol.1, No 8, pp. 1-4, 2021, ISSN: 2393-8021	Jul- 20
	Nikhil Jamadagni H M			
	K Unnimaya			
	Bhavana G			
125	Charan Sai Y	Implementation of Ultra-Violet Sterilization Robot for Disinfection	International Journal for Research in Applied Science & Engineering Technology, Vol.8, No 8, pp. 411 - 412, 2021, ISSN: 2391-9653	Jul- 21
	Purushothama V			
	Shivdatt B			
	Somashekar S			
126	Charan Sai Y	A Survey on Ultra-	International Research Journal of	May-

	Purushothama V	violet Sterilization Robot for Disinfection	Engineering and Technology, Vol.8, No 5, pp. 1 -5, 2021, ISSN: 2395-0056	21
	Shivdatt B			
	Somashekar S			
127	Anoop Deekshith R	Implementation and Development of Prosthetic Hand for the Disabled	International Advanced Research Journal in Science ,Engineering and Technology, Vol.8, No.5, pp.412 - 417,2021,ISSN : 2393-8021	Jul-21
	Jeevan R S			
	Gowtham B			
	Darshan T G			
128	Lavanya M	Automated Railway Level Crossing using Arduino	International Journal of Research Publication and Reviews, Vol.2, No.8, pp.52-56, 2021, ISSN : 2582 -7421	2021
	Meghana Gowda V			
129	Akhila V	LPG Gas Leakage Detector	International Advanced Research Journal in Science ,Engineering and Technology, Vol.8, No.7, pp.190 - 192, 2021, ISSN : 2393-8021	Jul-21
	Aishwarya Bandigani			
130	Shashank H K	Social Distance Remainder	International Journal of Research Publication and Reviews, Vol.2, No.8, pp.982 - 983, 2021, ISSN : 2582 -7421	2021
	Shrikanth C K			
131	Ritu Patil	Detection of Piracy : Approaches and Challenges	2nd International Conference on Adaptive Computational Intelligence, (ICACI-2020), Gsss Institute of Engineering and Technology for Women, Mysuru, 15th – 16th Dec 2020	15th – 16th Dec 2020
	Vishal Goutham N			
132	Prathiksha P	Automation of Anomaly Detection in Warehouses: A Machine Learning-Based Approach	3 – Day International Conference (Online) on Science, Dec 7th - 9th Dec 2020,	Dec 7th - 9th Dec 2020
133	Akshatha Shenoy	Secure Anti-piracy System	Intelligent System Design, Advances in Intelligent Systems and Computing, Vol 1171. Springer, Singapore., pp. 827-835, 2021. Online ISBN: 978-981-15-5400-1, Print ISBN 978-981-15-5399-8, ISSN 2194-5365, https://doi.org/10.1007/978-981-15-5400-1_78 , https://www.scopus.com/sourceid/5100152904	2021
	Junaid Khan			
	Megha S. Savalgi			
	K.M. Bhavana			
134	P. Pratiksha	Automation of Anomaly Detection in	Lect. Notes in Networks, Syst., Vol. 169, Proceeding of First	2020
	K. Pooja			

	Onkar Mishra	Warehouses: A Machine Learning- Based Approach	Doctoral Symposium on Natural Computing Research, Chapter 16, 2020, ISBN: 978- 981-33-4072-5.
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Table 4.6.3.2a: Participation in inter-institute events by students of the program of study and prizes received for the academic year 2019-20

A. Events within the state	B. Events outside the state	C. Prizes/awards received in such events
12	46	3

Table 4.6.3.2b: Event attended details of students for the year 2019-2020

Sl. No.	Name of the Student	Event details	Organized by	Date	Award/Participated
1	Sadhvika Chandra	ISTE BEST Student Chapter Award -2019	ISTE NewDelhi, Karnataka Section	2019	BEST Student Chapter Award
2	B. Shiv Dutt	India innovation Challenge design contest 2019	DST & Texas Instruments, India	2019	Participated
3	Rachana S	India innovation Challenge design contest 2019	DST & Texas Instruments, India	2019	Participated
4	Kadri Srinidhi Rao	Research work on Surveillance Bot	Centre for Artificial Intelligence and Robotics DRDO, GoI- Ministry of Defence , Bangalore	5th Jul 2019- 5th Aug 2019	Research work
5	Srinivasan M	Are you an Arduino NInja - Phase Shift 2019	BMS college of Engineering, Bangalore	14 th -15 th Sep 2019	First Place

6	Pooja K	Hackathon '19 24 –Hour State Level Inter- Collegiate Competition	Atal Incubation Centre, Jyothy Institute of Technology Foundation,Supported by Atal Innovation Mission , NITI Aayog, Govt of India, Bangalore	9 th -10 th November 2019	Participated
7	Prathiksha P	Hackathon '19 24 –Hour State Level Inter- Collegiate Competition	Atal Incubation Centre, Jyothy Institute of Technology Foundation,Supported by Atal Innovation Mission , NITI Aayog, Govt of India, Bangalore	9 th -10 th November 2019	Participated
8	Srinivasan M	Hackathon '19 24 –Hour State Level Inter- Collegiate Competition	Atal Incubation Centre, Jyothy Institute of Technology Foundation,Supported by Atal Innovation Mission , NITI Aayog, Govt of India, Bangalore.	9 th -10 th November 2019	Participated
9	Srinivasan M	HACKMAN v4	DayanandaSagar College of Science and Engineering, Bangalore	14 th -15 th November 2019	Participated
10	Srinivasan M	Make IT EC, Intercollegiate techno Fest	PES University, Electronic City Campus, Bangalore.	15 th -16 th November 2019	Second Place
11	Sadhvika Chandra	16 th Karnataka State level ISTE Student convention	16 th Karnataka State level ISTE Student convention , NewDelhi jointly organized with KSIT, Karnataka state Section.	2020	Certificate Of appreciation as ISTE coordinator

Table 4.6.3.2c: Publication details of students for the year 2019-2020

SL No	Name	Title of paper	Publication Details	Date
1	Supriya V	Modern Day Washing Machine	International Journal of Research in Engineering Science and Management, Volume-2, Issue-11 Nov 2019, ISSN(Online) : 2581-5792	Nov-19
	Monisha A			
	Snehitha			
	Pratima P Agnihotri			
2	M Naganetra	Pulse Width Modulation	International Journal of Research in Engineering Science and Management, Volume-2, Issue-12 Dec 2019, ISSN(Online) : 2581-5792	Dec-19
	R Ramya			
	D Rohini			

3	Shrinidhi N	Gyro-Assisted Multi Terrain Rover	International Journal of Electronics Engineering, Volume-11, Issue-2 , Jun 2019- Dec 2019, pp. 493-498	Jun-19
	Shylesh Raj T			
	Skanda N			
4	Maghashree V	Village 3.0	Journal of Applied Science and Computation, Volume-11, Issue X11 Dec 2019, ISSN NO : 1076-5131	Dec-19
	Namrathaganesh			
	Namarathagopal			
5	Bhoomika P M	Segregation of Waste – A Survey	International Research Journal of Engineering and Technology(IRJET), Volume - 07, Issue-2, pp: 384 -386 Feb 2020, Impact Factor Value 7.34, ISO 9001:2008, e-ISSN : 2395-0056, p-ISSN : 2395-0072	Feb-20
	Sonika V			
	Suma B S			
	Vismitha S S			
6	Rashmi S	Bit Interleavers for Flexible Modulation Scheme	Journal of applied sciences and computations (JASC). Volume VII, Issue I, January 2020, ISSN NO : 1076-5131	Jan-20
	Ramya M S			
	Haritha K			
7	Divyalakshmi G	A Survey on various Methodologies used to Detect Gas leakage and Automatic booking system	International Research Journal of Engineering and Technology(IRJET), Volume - 07, Issue-2, Feb 2020, Impact Factor Value 7.34, ISO 9001:2008,pp 1478-1479 e-ISSN : 2395-0056, p-ISSN : 2395-0072	Feb-20
	Deepa R			
	Komal Khandelwal			
	Lakshmi Priya			
8	Ravi Nandan	Swarm Robotics for Agriculture	International Research Journal of Engineering and Technology (IRJET), Volume - 07, Issue-2, Feb 2020, Impact Factor Value 7.34, ISO 9001:2008, e-ISSN : 2395-0056, p-ISSN : 2395-0072	Feb-20
	Lokesh S			
	Nikita Balappa Narasannavar			
	Pratyusha			
9	Aaliya Zainab	A Survey on Detection of ventricular Fibrillation using Wavelet Analysis	International Research Journal of Engineering and Technology,vol.07, Issue: 06 Jun 2020, Impact Factor value : 7.59, e-ISSN : 2395-0056, P-ISSN:2395-0072	Jun-2020
	Neha J Kotwal			
	Anusha Raj D			
10	Likhitha Y	A Survey on Automation of Manually operated Devices	International Research Journal of Engineering and Technology,vol.07, Issue: 02 Feb 2020, Impact Factor value : 7.34. e-ISSN : 2395-0056, P-ISSN:2395-0072, Page no 1298 - 1300	Feb-20
	Brunda S			
	Deepika			
	L S Baby RAM			

11	Neha N.V	Design of Portable classroom Attendance system and parking lot system including the database updating process based on Arduino and Fingerprint Biometry	Journal of Applied Sciences and Computations, Vol. 07, Issue III, March 2020, pp. 12 16,ISSN: 1076-5131	Mar-20
	Sadhvika Chandra R			
12	Harshini B S	Applications and Research Challenges of Underwater Communication on Devices_A Review	SSRG (International Journal of Electronics and Communication Engineering (SSRG-IJECE)-Vol 7 Issue – 2, pp-1- 2,ISSN : 2348-8549, Feb 2020 , pp-1- 2	Feb-20
	Meenakshi			
	Arpitha C V			
	Chandrakala			
13	Sahana D	Implementation of an Off-Hospital Rural and Urban Public Access Defibrillator	Perspectives in Communication, Embedded-Systems and Signal-Processing(PiCES)-An Internal Journal ISSN:2566-932X	2020
	Madhu G			
	Sahana K G			
14	Ayusha Raj	Operation Theatre Automation and control (OTAC)	International Research Journal of Engineering and Technology, Vol.07, Issue : 06 Jun 2020,pp: 1244 - 1248 Impact factor value : 7.529, e-ISSN : 2395-0056, p-ISSN:2395-0072	Jun-20
	Rahul Kumar			
15	Shreya Srinivas	Survey Paper On Power Generation Using Piezo Electric Material	International Research Journal of Engineering and Technology, Vol.07, Issue : 05 May 2020,pp: 5137 - 5141, Impact factor value:7.529,e-ISSN:2395-0056, p-ISSN:2395-0072	May-20
	Sarah Ahmed			
	Saurav Kumar			
	Spurthi M K			
16	Deemanth K P	A Literature survey on "Density based traffic signal system using load cells and IR Sensors	International Research Journal of Modernization in Engineering Technology and Science, , Vol.02, Issue : 06 Jun 2020,pp: 1095 - 1097, Impact factor value : 7.529, e-ISSN : 2582-5208	Jun-20
	Mahammed Waleed			
	Bharath R			

17	Bhoomika P M,	Segregation of Waste –A Survey	International Research Journal of Engineering and Technology(IRJET) Volume : 07 Issue 02 Feb 2020 e-ISSN:2395-0056 p-ISSN:2395-0072 Impact factor value 7.34	Feb-20
	Sonika V			
	Suma B.S,			
	Vismitha S S			
18	Ashwini S	Rakshak – A Bore Well Rescue Bot	International Journal for research in Engineering Applications & Management, Jun 2020, Vol-06, Issue 03, ISSN: 2454-9150, Doi : 10.35291/2454-9150.2020.0440	Jun-20
	Bhagya Shree S.J			
	Jeevitha Kalaashilpa N C			
	Kadri Srinidhi Ra			
19	Priya S	Automatic Ration Distribution	Journal of Applied Science and Computations, Vol.07, Issue 5, May 2020, pp : 54-58, ISSN: 1076-5131	May-20
	Varshini K S			
	Vidhya K S			
	Vidya B			
20	Bhoomika P M	Automatic Segregation of Waste Using Robotic Arm	International Research journal of Engineering and Technology, Vol.07, Issue: 07, Jul 2020, e-ISSN:2395-0056 p-ISSN:2395-0072 Impact factor value 7.529,ISO 9001:2008 certified journal	Jul-20
	Sonika V			
	Suma B.S			
	Vismith S S			
21	Abhishek A Nandyal	Unmanned Underwater Vehicle for Monitoring Aquatic Ecosystem	International journal of Engineering Applied Sciences and Technology, 2020, Vol.4, issue 11, ISSN: 2455-2143, pp: 493-497	Mar-20
	Adithya D M			
	Karthik K			
	Manikantan G			
22	Kadri Srinidhi Rao	Literature Survey on A Bore Well Rescue Bot	International Journal of Latest Engineering and Management Research, 2020, Vol 05, Issue 05 . pp : 5-8, ISSN: 2455-4847	May-20
	Jeevitha Kalaashilpa N C			
	Bhagya Shree S J			
	Ashwini S			
23	Abhishek A Nandyal	A Literature Survey on Unmanned Underwater Vehicle for Monitoring Aquatic Ecosystem	International Journal of Engineering Applied Sciences and Technology, 2020 Vol 5, Issue no 2, pp: 599-601, ISSN : 2455-2143	Jun-20
	Adithya D M			
	Karthik K			
	Manikantan G			
24	Rashmi S	Implementati on of Bit	International Research Journal of Engineering and Technology(IRJET) Vol.07, Issue. 07, Jul 20, pp-3942-	Jul-20
	Ramya M.S			
	Haritha K			

		Interleavers used in Flexible Modulation Scheme	3947, e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor: 7.529	
25	T G Nithya	Medicines Any Time	International Research Journal of Engineering and Technology, Vol.07, Issue. 07, Feb 20, pp-2510-2513, e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor: 7.529	Jul-20
	Sheethal J Rao			
	Ravi Teja M			
	Sachine M G			
26	Maghashree V	Smart Village 3.0	SSRG International Journal of Electronics and Communication Engineering(SSRG-IJECE), Vol 7, Issue 7, Jul 20, pp:4-13, ISSN: 2348-8549	Jul-20
	Namrathaganesh			
	Namrathagopal			
27	Shrayas K V	Multi account embedded atm card with Fingerprint recognition	Journal of Applied Science and Computations, Vol 7 , Issue IV, April 20, pp:188-190, ISSN : 1076-5131	Apr-20
	Krishna D			
	Sananda Rao K S			
	Suhas M V			
28	Arirudh K N	Unified Meter For Electricity, Gas and Water with Automatic Billing and Payment	International Research Journal of Engineering and Technology(IRJET), Vol. 07, Issue.05 May 20, pp. 3755-3757, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor: 7.529	May-20
	Sudhanshu S Sharma			
	Vivek			
29	Vinod Kumar P	Electricity Generation at Speed Breakers	International Journal of Scientific Research and Engineering Trends Vol 6, Issue 3, May-Jun 20, pp:1-5, ISSN(Online) : 2566-932X	Jun-20
	Harshith K			
30	Vasudev Updhay K S	A Literature Survey on Miniature Water Purifier Based On IOT	International Journal of Engineering Applied Sciences and Technologies, Vol. 05, Issue.03 Jul 20, pp. 228-230, ISSN: 2455-2143,	Jul-20
	Vignesh Kumar V			
	Tejas P			
	Praveen Tulasidas Naik			
31	Nandan Gowda S H	Smart Voting System using Face Recognition	International Research Journal of Engineering and Technology,(IRJET), Vol 07,Issue : 06, Jun 20, pp: 311-314, e-ISSN:2345-0056,p-ISSN: 2345-0072, Impact Factor: 7.529	Jun-20
	Jayam Haresh Tharun			
	Ashik B N			
	Deepak Lamani			

32	Charan A	A Literature Survey on Detection of Anomalous Behavior in Examination Hall	International Journal of Engineering Applied Sciences and Technology, 20, Vol.05, Issue 2, 20,pp- 583 – 588, ISSN : 2455-2143,	Jun-20
	Darshan D			
	Madhu N			
	Manjunatha B S			
33	P Hemanth Chowdary	Smart Electricity Monitoring for Home Appliances	International Research Journal of Engineering and Technology, Vol.07, Issue : 06, Jul 20, pp-1244-1249,20,e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor: 7.529	Jul-20
	Ashok Kumar			
	Prabhavathi K			
	Tejaswini B			
34	Sonia Stanley Louis	Citrus Fruit Classification	International Journal of Research in Engineering, Science and Management, Vol. 03, Issue-7, Jul-2020, pp. 330-332, ISSN(Online): 2581-5782	Jul-20
	D S Hemalatha			
	Meghana			
	J S Saraswathi			
35	T G Nithya	Medicines Any Time	Journal of Applied Science and Computations, Vol.07, Issue. 05,May 20, pp-50-53, e-ISSN:2395-0056, ISSN:1076-5131	May-20
	Sheethal J Rao			
	Ravi Teja M			
	Sachin M G			
36	Sahana D	Implementation of off-Hospital Rural and Urban Public Access Defibrillator	International Research Journal of Engineering and Technology(IRJET),Vol.07, Issue: 02 Feb 20,pp.1 -6 Impact Factor value : 7.23-53, p-ISSN:2395-0072,	Feb-20
	Sahana K G			
	Madhu G			
37	Deemanth K P	A Literature Survey on Density Based Traffic Signal System Using Load cells and IR Sensors	International Journal of Modernization in Engineering Technology and Science, Vol. 02, Issue-6, Jul-20, pp. 1095-1097, e-ISSN:2582-5208	Jul-20
	Mahammed Waleed			
	Bharath R			
38	S Swetha	Enhanced Refrigerator with quality and quantity Monitoring(E RQQM)	International Journal of Engineering Applied Sciences and Technology , Vol 4, Issue 11, March 20, pp.128-130, ISSN :2455-2143,	Mar-20
	Chandana R			
	Shreyashwini V			
39	Shivani K	FFT	Global Research and Development	Feb-20

	Srividya V R	Computation for Butterfly Unit using verilog HDL	Journal for Engineering, Vol 5, Issue 3, Feb 20,pp:17-20 ISSN:2455-5703	
	Sushmitha K N			
40	Pratima V Kashyap	Comparative Study of Multipliers	Studies in Indian place Names UGC Care Journal, Vol 40, Issue70, Mar 20 ,pp:3487-3482, ISSN:2394-3114	Mar-20
	Navya S			
41	Navin Kumar H G	Implementation of Low, High and Band Pass Filters using Verilog HDL	International Journal of Innovative Technology and Exploring Engineering(IJITEE),, Vol 9 Issue 02, pp:5178-5182 Dec 2019, ISSN:2278-3075	Dec-20
	Pruthviraj N			
	Surya N			
42	Rohini D	Automatic Railway Gate Control Alerts via SMS	Perspectives in Communication, Embedded- systems and Signal-Processing (PiCES), ISSN:2566-932X	2020
43	M Surya	Ultrasonic Bird Repeller for Aviation	International Research Journal of Engineering Applied Sciences and Technology, Vol.05, Issue : 1,(online) May 20, pp-163-166, ISSN:2455-2143	May-20
	Namita L Rao			
	Pratham Kumar D			
44	M Surya	On-Board Aircraft Ultrasonic Bird Repeller	International Journal of Engineering Applied Sciences and Technology , Vol.05, Issue 3, 20,pp- 208-224, ISSN:2455-2143	Jul-20
	Namita L Rao			
	Pratham Kumar D			
45	M.Sirisha	Design and Implementation of Reversible Computational Circuits by creating libraries of basic gates using verilog HDL	ICEECCOT 2019, 4 TH INTERNATIONAL CONFERENCE on electrical,electronics,communication,computer technologies and optimization techniques , 978-1-7281-3261-7/19, 2019 IEEE	13 th -14 th December 2019
	Anitha R			
46	G S Surabhi	Design and Implementation of 256*256 Booth Multipliers and its Application	ICEECCOT 2019, 4 TH INTERNATIONAL CONFERENCE on electrical,electronics,communication,computer technologies and optimization techniques, 978-1-7281-3261-7/19, 2019 IEEE	13 th -14 th December 2019
	Madhu S			
	Bhavana J			
47	Sahana V	Design and Delay Analysis of Various 256-	ICEECCOT 2019, 4 TH INTERNATIONAL CONFERENCE on electrical,electronics,communication,	13 th and 14 th December 2019
	Rachana S			
	Ritu Patil			

	Bit adders using verilog	computer technologies and optimization techniques, 978-1-7281-3261-7/19, 2019 IEEE	
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Table 4.6.3.3a: Participation in inter-institute events by students of the program of study and prizes received for the academic year 2018-19

A. Events within the state	B. Events outside the state	C. Prizes/awards received in such events
3	37	1

Table 4.6.3.3b: Event attended details of students for the year 2018-2019

Sl.No.	Name of the Student	Event details	Organized by	Date	Award/Participated
1	Divya M	IEEE Project EXPO-2019	GSSSET, Mysuru	29 th Apr 2019	Participated
	Disha S				
2	S.Shwetha	Skill Development programme on Machine Learning	Tequed Labs	18th -23rd January 2019	Best Intern Award

Table 4.6.3.3c: Publication details of students for the year 2018-2019

SL. No	Name of the Students	Title of paper	Publication details	Date
1	Pragathi Madhyastha	Survey on Research Challenges and Applications of Unmanned Marine Robot	International Journal of Creative Research Thoughts, Volume 7, Issue 1 March 2019, ISSN: 2320-2882	Mar-19
	Rashmi Srinivasan			
	Sanjana S			
	Santhosh K			

2	Suvijith S	IOT Based Camouflage Robot	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 3 March 2019, ISSN : 2349-5162	Mar-19
	Skanda H N			
	Smitha S Karanth			
	Swathi K S			
3	Sannidhi R Shetty	Hand Gesture Recognition and Voice Conversion Systems For Physically Impaired People	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 April 2019, ISSN : 2349-5162	Apr-19
	Shankar Ram			
	Shreyaswini C K			
	Shwetha Shree C			
4	Meghana K V	A Survey of Automatic and Manual Floor Cleaning Robot	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Harshitha V			
	Mahima Padmanabha			
	Nagesh N Dikshit			
5	Kavya M	Advanced Driver Scrutiny System	International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	Apr-19
	CHAITRA B			
	Megha V			
	Alaka			
6	M Sanjay Karanth	Smart Ambulance with Patient Monitoring System-A Survey	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Bindukumar K T			
	Gururaj Reddy			
	Manoj K			
7	Pragnya N	Smart Guide at Museum	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Pruthvi K Narayan			
	Girish Kumar			
	Pavithra P			
8	Pavithra S P	A Survey on Raspberry PI Based Reader and Smart Assistance For Visually Impaired People	International Journal of Current Research Thoughts, Volume 11, Issue 04, April 2019, ISSN: 0975-833X	Apr-19
	Pooja B			
	Kavya V			
	Ashwini A			
9	Mayanka Gupta	Recent Trends in Automotive Industry	International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	Apr-19
	Anusha A Murthy			
	Kavya N			
	Chandana G			
10	Sanjana P Nadig	Smart GreenHouse Monitoring System	Journal of Emerging Technologies and Innovative Research,	Apr-19
	Rakshitha M S			
	Sujan G			

	Yathish S J		Volume 4, Issue 6, April 2019, ISSN : 2349-5162	
11	Pooja M	Survey on Various Methodologies used for Conservation of Forest Trees	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Rakshitha S			
	Sanajana S Maney			
	Shashi O			
12	Bhamini	A Survey on Robotic applications in Surveillance and Rescue Aid	International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	Apr-19
	Harshith R			
	Muneeb			
	Nagabhushana Nhat			
13	Arpitha N V	CERES- An Autonomous and Versatile Agriculture Robot	International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	Apr-19
	Abhishek S			
	Akshaya Ram			
	Chethan N Shetty			
14	Alekhyia R	Smart Cargo Monitoring and Security System	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Archana K N			
	Deepashree R			
	Nanda S			
15	Arjun M Krishna	Food Monitoring and Control System using IOT	International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	Apr-19
	Dhruthi Sridhar			
	Harshitha Ramesh			
	Mukul Venkatesh			
16	Bhumika R	Automated Shopping Trolley for Billing System	International Journal of Advance Research, Ideas and Innovaions in Technology, Volume 5, Issue 2, 2019 ISSN : 2454-132X	Apr-19
	Harshitha G			
	Chandana K			
	Meghashree R T			
17	Kishore Bhat U	Watchdog For ATM	Journal of Applied Science and Computations, Volume VI, Issue 4, April 2019 ISSN : 1076-5131	Apr-19
	Anurag Reddy			
	Ankita A			
	Harsha N			
18	Pallavi T K	A Survey on Electronic Valve with Quantitative Control and To Avoid Reserve Flow of Blood	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Ramyia H N			
	Roopa N			
19	Pragna B R	Forest Monitoring	Journal of Emerging Technologies and	Apr-19
	Poojary Praveen			

	Mahabala		Innovative Research, Volume 9, Issue, April 2019, ISSN : 2349-5162	
	Punith N			
	Sai Pranav			
20	Suvijith S	IOT Based Camouflage Army Robot	Journal of Applied Science and Computations, Volume VI, Issue 4, April 2019 ISSN : 1076-5131	Apr-19
	Skanda H N			
	Smitha S Karanth			
	Swathi K S			
21	Pragna B R	Ecology Monitoring	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 April 2019, ISSN : 2349-5162	Apr-19
	Poojary Praveen Mahabala			
	Punith N			
	Sai Pranav			
22	Pavan S Patil	Survey on Object Recognition Techniques Using Machine Learning	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 April 2019, ISSN : 2349-5162	Apr-19
	Santhosh Kumar V			
	Udaykumar			
	Vishwas K K			
23	Alekhy R	Smart Electronic Security System For Cargo Containers	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May- 19
	Archana K N			
	Deepashree R			
	Nanda S			
24	Meghana K V	Automatic and Manual Floor Cleaning Robot	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May- 19
	Harshitha V			
	Mahima Padmanabha			
	Nagesh N Dikshit			
25	M Sanjay Karanth	Smart Ambulance with Patient Monitoring System	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May- 19
	Bindukumar K T			
	Gururaj Reddy			
	Manoj K			
26	Girish H S	Smart Voting System	International Research Journal of Engineering and Technology, Volume 6, Issue 5, May 2019,e- ISSN : 2395- 0056, p-ISSN : 2395- 0072	May- 19
	Gowtham R			
	Harsha K N			
	Manjunatha B			
27	Uday Chwdhary	RFID Based Prepaid Energy Meter	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May- 19
	K Rohini			
	K Vinod Kumar			
	M Sri Sai Charitha			

28	Harish Reddy	Hybrid Power Generation	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Yathendra Kumar			
	Madhuchandan			
	Monisha S			
29	Sameer Srivatsa	A Survey of Various Vehicle Detection Methodologies	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Sangam Swadi			
	Subramanya G U			
	Sushanth Korennavar			
30	Pragathi Madhyastha	Solar Powered Unmanned Marine Robot using Radar System	International Journal of Engineering Research & Technology, Volume 8, Issue 5, May 2019, ISSN : 2278-0181	May-19
	Rashmi Srinivasan			
	Sanjana S			
	Santhosh K			
31	Suhail Yousuf Bhat	Continuous Ambulatory Peritoneal Dialysis (CAPD) Assistive Device	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Thanusha S V			
	Jagdish S			
	Nallani Priya			
32	Bhamini	Biomorphic Hyper Redundant Robot For Disaster Surveillance	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Harshith R			
	Muneeb			
	Nagabhushana Nhat			
33	Shwetha S	Dustless Environment	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	P Ankitha			
	Pooja N Rao			
	Ratan Bhagat			
34	Nagateja P	A Survey on Security Device For Women and Kids Safety	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Namratha T R			
	Sumanth R			
35	Ajaya Kumar L	Different Technologies Used For Sericulture Field: A Survey	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Charan Babu			
	Dhanush K A			
	Dhanraj			
36	Pooja M	Anti-Theft Alarm System For Forest Trees using WSN	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, May 2019, ISSN : 2349-5162	May-19
	Rakshitha S			
	Sanajana S Maney			
	Shashi O			
37	Pavan S Patil	Visual Object	Journal of Emerging	May-

	Santhosh Kumar V	Recognition Using Tensor Flow	Technologies and Innovative Research, Volume 6, Issue 6, May 2019, ISSN : 2349-5162	19
	Udaykumar			
	Vishwas K K			
38	Mayanka Gupta	Artificial Intelligence Based Solar Vehicle	National Conference on Electronics and Communication Engineering(NCEC-2019) at DSCE, Bangalore	May-19
	Anusha A Murthy			
	Kavya N			
	Chandana G			

Table 4.6.3.4a: Participation in inter-institute events by students of the program of study and prizes received (2017-2018)

A. Events within the state	B. Events outside the state	C. Prizes/awards received in such events
08	23	02

Table 4.6.3.4b: Event Details of students for the year (2017-2018)

Sl. No.	Name of the Students	Event details	Organized by	Date	Award/Participated
1	Nagabhshana Bhat S C	Final Round of "ISIE - Hybrid Vehicle Challenge (HVC)"	Imperial Society of Innovative Engineers (ISIEINDIA), Galgotias University, Gr. Noida & Buddh International, Gr. Noida	17th - 19th Jan 2018 & 20th - 21st Jan 2018	Participated
2	Yukesh R	Final Round of "ISIE - Hybrid Vehicle Challenge (HVC)"	Imperial Society of Innovative Engineers (ISIEINDIA), Galgotias University, Gr. Noida & Buddh International, Gr. Noida	17th - 19th Jan 2018 & 20th - 21st Jan 2018	Participated

3	Pavan B V	Final Round of "ISIE - Hybrid Vehicle Challenge (HVC)"	Imperial Society of Innovative Engineers (ISIEINDIA), Galgotias University, Gr. Noida & Buddh International, Gr. Noida	17th - 19th Jan 2018 & 20th - 21st Jan 2018	Participated
4	Pragnya N	12 WEEKS NPTEL Online Course on "Introduction to Internet of Things:"	NPTEL Online Certification	Jan - April 2018	Participated
5	Pooja M	12 WEEKS NPTEL Online Course on "Introduction to Internet of Things:"	NPTEL Online Certification	Jan - April 2018	Topper
6	Skanda H N	Mangalore Institute of Technology and Engineering, Moodabidri	Best Student Award-ISTE	6th Oct 2018	Best Student Award

Table 4.6.3.4c: Publication details of students for the year 2017-2018

SL. No	Name	Title of paper	Publication details	Date
1	Rohit K	Fuel pump dispensing system	International Journal of Latest Engineering & Management Research,	March 2018
	Jagadeesh V			

	Bose babu V M		Volume 03, Issue 03, March 2018, ISSN : 2455-4847	
	Santhosh K P			
2	Raksha Ghosh	Embedded IOT based water supply distribution system for suburban area A Survey	International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847	March 2018
	Ullas S			
	Pragathi R			
3	Raksha Ghosh	Power theft detection in agriculture and field protection - a literature survey	International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847	March 2018
	Nischitha N			
	Navitha T			
	Jayashree Kavya V			
4	C Krishna Prasad	Real time collision avoidance and accident prevention	Perspectives in communication Embedded systems and signal processing, Vol 01, Issue 12, March 2018, ISSN : 2566-932X	March 2018
	Lavanya S			
	Manikanta S Rao			
	Nandu Rajeshwari K			
5	Ullas S	Real time accident and breakdown alterting systems A Survey	International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847	March 2018
	Pragathi R			
	Mr Rohit K			
6	Chethana N Gowda	A Survey on smart city application an IOT based car parking system	International Journal of Creative Research Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 -2882	April 2018
	Aishwarya C S			
	Sruthi Boggarapu			
	Mrdulla P .Y			
7	Mohan Reddy B	High protection	International Journal of Creative Research Thoughts	April 2018

	Srinivasa Ramya L.K Akshaya R K	voice identification based bank locker security system with live image authentication -A literature survey	, Volume 06, Issue 02, April 2018, ISSN : 2320 -2882	
8	Ashwini S Anup Ramesh Wadavi M Krishna Prasad	Body Area network(BAN) Based Smart security card system A Survey	International Journal of Recent Engineering Research and Development, Volume 03, Issue 04, April 2018, ISSN : 2455 -8761	April 2018
9	Bidhan Raj Thapa Shailja Shekhar Delna Manuel Vinay Kumar S	Obstacle Avoiding Robot using Arm Controller - A Survey	International Journal of Latest Engineering & Management Research, Volume 03, Issue 04, April 2018, ISSN : 2455-4847	April 2018
10	Arjula Harshitha Reddy Chethan K P Harshitha M Lakshantya B	A Survey CAN based Vehicle monitoring system	International Journal of Creative Research Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 -2882	April 2018
11	Jayashree Kavya V Sanjana K S Navitha T Nishchitha N	Power theft detection in agriculture and field protection	International Journal of Creative Research Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 -2882	April 2018
12	Ritu P Simha	Smart Tool kit for the visually	International Journal of Latest Engineering &	April 2018

	Praveen Prasanna G et al.	Imapiored - A Survey	Management Research, Volume 03, Issue 04, April 2018, ISSN : 2455-4847	
	Tejas D s et al			
	Pavan B V et al			
13	Abhishek R	Smart Integrated multiple tracking system development for IOT based Target-oriented logistics vehicles location and resource service	International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	2018
	Akshatha C R			
	Pragathi M			
	Bhrarambamba LS			
14	Ashish Kumar R	Smart Motorbike Integration using IOT	International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	2018
	Abdul Bari			
	Harshavardhan K			
15	Aakash P S	Wireless power transfer for smart applications	International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	2018
	Aishwarya V H			
	Akhil D R			
	Anusha R			
16	Nithin S	Development of Wireless USB Flash Drive Using Omega 2+	International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	2018
	Spoorthy C			
	Priyanka J Hiremath			
	Pallavi C			
17	Akshaya R K	High protection voice identification based bank	International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	2018
	Mohan Reddy B			
	Srinivasa			

	Ramya L.K	locker security system with live image authentication		
18	Ritu P Simha	Array Based Graphical Password	International conference on signal, Image processing communication and Automation(ICSIPCA - 2017), JSS academy of technical education	6th & 7th July 2017
	Nithya S			
	Sneha P.K			
	Rabichith			
19	Sanket S Hiremath	Automatic control of road traffic using video processing	International conference of smart technologies for smart nation, Reva University	17th -19th August 2017
	Ashwin S			
	Akshay Vasist R			
20	Chirranthan C V	Digital MCB	International conference of smart technologies for smart nation, Reva University	17th -19th August 2017
	Krishna Prasad M			
	Shreyas R Y			
21	Soundarya Lokeshwari	ECO-Friendly IOT based Waste Segregation and Management	ICEECCOT-2017, GSSS Institute of Engineering & Technology Mysore	15th & 16th December 2017
	Varalakshmi N			
	Sahana D N			
	Rohit K Manjunath			
22	Raksha Ghosh	Intelligent Transportation systems A Survey	2nd International conference on circuits, controls & communications, RNSIT	15th & 16th December 2017
	Ullas S			
	Pragathi R			
23	Manisha Jayson	SmartBin-Automatic Waste Segregation and Collection	2nd International Conference on Advances in Electronics, Computers and Communications (ICAECC 2018), Reva University	9th & 10th February 2018
	Sanketh Hiremath			
24	Yashaswini S	A Survey on applications and research challenges of catamaran	4 th International conference on Recent challenges in engineering and technology (ICRCEC - 18), Pune, Maharashtra	2 nd & 3 rd April 2018
	Arpitha S R			

	Banda Tejavardhan	cruise		
	Prasad Poojary			
25	Yashaswini S	A Smart catamaran Cruise	International conference on Recent Trends in technology 2K18, Shri Dharmasthala Manjunatheswara institute of Technology, Ujire	18th May 2018

CRITERION 5	FACULTY INFORMATION AND CONTRIBUTIONS	200
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Total Marks: 164.7

Note: Please provide details for the faculty of the department, cumulative information for all the shifts for all academic years starting from current year in above format in Annexure - II.

FACULTY LIST CAY [2020-21]

Sl. No.	Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Research Paper Publications	Ph. D Guidance	Ph.D. Granted during the assessment year	Current Designation	Date (Designated as Prof/Assoc. Prof.).	Initial Date of Joining	Association Type	At present working with the Institution (Yes/No)	In case of NO, Date of Leaving	IS HOD/Principal?
1	Dr. P.N Sudha	AUHPS9518E	PhD	20/11 / 2013	Wireless Communication	8	Yes (1C,5P)	-	Professor	02/12/ 2013	20/03/ 2002	Regular	Yes		Yes
2	Dr. B Surekha	AOAPB5826R	PhD	10/02 / 2015	Image Processing	14	Yes (4P)	-	Professor	16/02/ 2015	15/07/ 2013	Regular	Yes		No
3	Dr.Sangappa. S.B	ATAPS3024M	PhD	28/07 / 2017	communication	1	-	-	Professor & Director - Admissions and Public Relations	01/01/ 2018	26/08/ 2002	Regular	Yes		No
4	Dr. P Joy Prabhakaran	AEYPP3602H	PhD	19/03 /2018	Electronics Engineerin	-	-	-	Professor	23/04/ 2018	23/04/ 2018	Regular	Yes		No

					g										
5	Dr.B.Sudharsan	ASUPS9187N	PhD	10/02/2017	Image Processing	6	Yes (1P)	-	Professor	01/06/2019	07/07/2011	Regular	Yes		No
6	Mr. B.R.Santhosh Kumar	BPLPS0811N	M.Tech	18/04/2011	VLSI Design and Embedded System	6	-	Pursuing	Associate Professor	01/10/2016	01/08/2007	Regular	Yes		No
7	Mrs. Jayasudha B.S.K	APFPB4135F	M.Tech	18/04/2011	Information Communication Technology	3	-	Pursuing	Assistant Professor		15/01/2013	Regular	Yes		No
8	Mr.Sampath kumar S	BYPPS8544H	M.Tech	10/02/2009	Digital Electronics and Communication	8	-	Pursuing	Assistant Professor		25/07/2011	Regular	Yes		No
9	Mr. Sunil Kumar.G.R	AMLPR9050N	M.Tech	31/01/2007	Digital Communication and Networking	7	-	Applied	Assistant Professor		01/01/2008	Regular	Yes		No
10	Mrs.Sangeetha.V	CGLPS6171B	M.E	30/04/2011	Applied Electronics	7	-	Pursuing	Assistant Professor		10/07/2012	Regular	Yes		No
11	Mr. Praveen.A	AVEPA7754Q	M.Tech	28/08/2010	VLSI Design	8	-	Pursuing	Assistant Professor		23/08/2010	Regular	Yes		No
12	Mr. Christo	ARDPC5163G	M.E	30/04	Applied Electronic	5	-	Pursuing	Assistant		31/08/	Regular	Yes		No

	Jain			/2011	s			ing	Professor		2011				
13	Mr. Saleem S Tevaramani	ALSPT9890Q	M.E	31/12/2012	Electronic s and Communic ation Engineerin g	5	-	Pursu ing	Assistant Professor		28/07/2011	Regular	Yes		No
14	Mrs. Pragati. P	AQIPP1208P	M.Tech	31/12/2009	Digital Systems and Computer Electronic s	3	-	Pursu ing	Assistant Professor		14/07/2014	Regular	Yes		No
15	Mrs. Aruna Rao B.P	AYKPB7631E	M.Tech	18/04/2011	VLSI Design and Embedded System	6	-	Pursu ing	Assistant Professor		31/07/2017	Regular	Yes		No
16	Mrs. Pooja S	CHCPS1202D	M.Tech	05/05/2016	Digital Electronic s and Communic ation	4	-	Pursu ing	Assistant Professor		22/07/2019	Regular	Yes		No
17	Ms. Yeshwini V	AWEPV8019L	M.Tech	09/05/2015	VLSI Design and Embedded Systems	3	-	-	Assistant Professor		01/07/2020	Regular	Yes		No

FACULTY LIST CAYm1[2019-20]

Sl. No.	Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Research Paper Publications	Ph. D Guidance	Ph.D. Granted during the assessment year	Current Designation	Date (Designated as Prof/Assoc. Prof.),	Initial Date of Joining	Association Type	At present working with the Institution (Yes/No)	In case of NO, Date of Leaving	IS HOD/Principal?
1	Dr. P.N Sudha	AUHPS9518E	PhD	20/11/2013	Wireless Communication	8	Yes (6P)	-	Professor	02/12/2013	20/03/2002	Regular	Yes		Yes
2	Dr. B Surekha	AOAPB5826R	PhD	10/02/2015	Image Processing	3	Yes (5P)	-	Professor	16/02/2015	15/07/2013	Regular	Yes		No
3	Dr.Sangappa .S.B	ATAPS3024M	PhD	28/07/2017	communication	2	-	-	Professor & Dean Students Welfare	01/01/2018	26/08/2002	Regular	Yes		No
4	Dr. P Joy Prabhakaran	AEYPP3602H	PhD	19/03/2018	Electronics Engineering	0	-	-	Professor	23/04/2018	23/04/2018	Regular	Yes		No
5	Dr.B.Sudharshan	ASUPS9187N	PhD	10/02/2017	Image Processing	2	Yes (1P)	-	Professor	01/06/2019	07/07/2011	Regular	Yes		No
6	Mr. B.R.Santhosh Kumar	BPLPS0811N	M.Tech	18/04/2011	VLSI Design and Embedded System	1	-	Pursuing	Associate Professor	01/10/2016	01/08/2007	Regular	Yes		No

7	Mrs. Jayasudha B.S.K	APFPB4135F	M.Tech	18/04/2011	Information Communication Technology	3	-	Pursuing	Assistant Professor		15/01/2013	Regular	Yes		No
8	Mr.Sampath kumar S	BYPPS8544H	M.Tech	10/02/2009	Digital Electronics and Communication	2	-	Pursuing	Assistant Professor		25/07/2011	Regular	Yes		No
9	Mr. Sunil Kumar.G.R	AMLPR9050N	M.Tech	31/01/2007	Digital Communication and Networking	1	-	Applied	Assistant Professor		01/01/2008	Regular	Yes		No
10	Mrs.Sangeetha.V	CGLPS6171B	M.E	30/04/2011	Applied Electronics	4	-	Pursuing	Assistant Professor		10/07/2012	Regular	Yes		No
11	Mr. Praveen.A	AVEPA7754Q	M.Tech	28/08/2010	VLSI Design	2	-	Pursuing	Assistant Professor		23/08/2010	Regular	Yes		No
12	Mr. Christo Jain	ARDPC5163G	M.E	30/04/2011	Applied Electronics	3	-	Pursuing	Assistant Professor		31/08/2011	Regular	Yes		No
13	Mr. Saleem S Tevaramani	ALSPT9890Q	M.E	31/12/2012	Electronics and Communication Engineering	3	-	Pursuing	Assistant Professor		28/07/2011	Regular	Yes		No

14	Ms.R.Nithya Kumari	AGNPN9376R	M.Tech	26/02/2007	Digital Communication	-	-	-	Assistant Professor		7/05/2013	Regular	No	24/12/2019	No
15	Mrs. Pragati. P	AQIPP1208P	M.Tech	31/12/2009	Digital Systems and Computer Electronics	1	-	Pursuing	Assistant Professor		14/07/2014	Regular	Yes		No
16	Mrs. SahanaSalagare	BKIPB4602E	M.Tech	18/04/2011	Information Communication Technology	1	-	Pursuing	Assistant Professor		22/09/2014	Regular	Yes		No
17	Mrs. Aruna Rao B.P	AYKPB7631E	M.Tech	18/04/2011	VLSI Design and Embedded System	11	-	Pursuing	Assistant Professor		31/07/2017	Regular	Yes		No
18	Ms.Veda.B	BKEPB2281H	M.Tech	05/05/2016	Digital Electronics and Communication	-	-	-	Assistant Professor		31/07/2017	Regular	Yes		No
19	Ms.Shilpa.V	BXHPS9997K	M.Tech	30/06/2011	VLSI Design and Embedded System	1	-	-	Assistant Professor		06/08/2018	Regular	Yes		No
20	Ms.Bhargavi Ananth	ASHPA8109M	M.Tech	07/01/2010	Digital Electronics & Communication	-	-	-	Assistant Professor		06/08/2018	Regular	Yes		No

21	Ms.Mohana mbica.K.M	DJDPK7687C	M.Tech	03/05/2014	Computer Applications in Industrial drives	-	-	-	Assistant Professor		22/07/2019	Regular	Yes		No
22	Ms.Pooja.S	CHCPS1202D	M.Tech	05/05/2016	Digital Electronics and Communication	-	-	Pursuing	Assistant Professor		22/07/2019	Regular	Yes		No

FACULTY LIST CAYm2[2018-19]

Sl. No.	Name	PAN No.	University Degree	Date of Receiving Highest Degree	Area of Specialization	Research Paper Publications	Ph. D Guidance	Ph.D. Granted during the assessment year	Current Designation	Date (Designated as Prof./Assoc. Prof.),	Initial Date of Joining	Association Type	At present working with the Institution	In case of NO, Date of Leaving	IS HOD/Principal?
1	Dr. P.N Sudha	AUHPS9518E	PhD	20/11/2013	Wireless Communication	7	Yes (6P)	-	Professor	2/12/2013	20/03/2002	Regular	Yes		Yes
2	Dr. B Surekha	AOAPB5826R	PhD	10/02/2015	Image Processing	15	Yes (5P)	-	Professor	16/02/2015	15/07/2013	Regular	Yes		No
3	Dr.Sangappa .S.B	ATAPS3024M	PhD	28/07/2017	Communication	1	-	-	Professor & Dean Students Welfare	01/01/2018	26/08/2002	Regular	Yes		No
4	Dr. P Joy Prabhakaran	AEYPP3602H	PhD	19/03/2018	Electronics Engineering	1	-	-	Professor	23/04/2018	23/04/2018	Regular	Yes		No
5	Dr.B.Sudharshan	ASUPS9187N	PhD	10/02/2017	Image Processing	3	Yes (1P)	-	Associate Professor	01/10/2016	07/07/2011	Regular	Yes		No
6	Mr. B.R.Santhosh Kumar	BPLPS0811N	M.Tech	18/04/2011	VLSI Design and Embedded System	2	-	Pursuing	Associate Professor	01/10/2016	1/08/2007	Regular	Yes		No

7	Mrs. Jayasudha B.S.K	APFPB4135F	M.Tech	18/04/2011	Information Communication Technology	4	-	Pursuing	Assistant Professor		15/01/2013	Regular	Yes		No
8	Mr.Sampath kumar S	BYPPS8544H	M.Tech	10/02/2009	Digital Electronics and Communication	2	-	Pursuing	Assistant Professor		25/07/2011	Regular	Yes		No
9	Mr. Sunil Kumar.G.R	AMLPR9050N	M.Tech	31/01/2007	Digital Communication and Networking	2	-	Applied	Assistant Professor		01/01/2008	Regular	Yes		No
10	Mrs.Sangeetha.V	CGLPS6171B	M.E	30/04/2011	Applied Electronics	3	-	Pursuing	Assistant Professor		10/07/2012	Regular	Yes		No
11	Mr. Praveen.A	AVEPA7754Q	M.Tech	28/08/2010	VLSI Design	1	-	Pursuing	Assistant Professor		23/08/2010	Regular	Yes		No
12	Mr. Christo Jain	ARDPC5163G	M.E	30/04/2011	Applied Electronics	1	-	Pursuing	Assistant Professor		31/08/2011	Regular	Yes		No
13	Mr. Saleem S Tevaramani	ALSPT9890Q	M.E	31/12/2012	Electronics and Communication Engineering	2	-	Pursuing	Assistant Professor		28/07/2011	Regular	Yes		No

14	Ms.R.Nithya Kumari	AGNPN9376R	M.Tech	26/02/2007	Digital Communication	1	-	-	Assistant Professor		7/05/2013	Regular	No	24/12/2019	No
15	Mrs. Pragati. P	AQIPP1208P	M.Tech	31/12/2009	Digital Systems and Computer Electronics	2	-	Pursuing	Assistant Professor		14/07/2014	Regular	Yes		No
16	Mrs. SahanaSalagare	BKIPB4602E	M.Tech	18/04/2011	Information Communication Technology	3	-	Pursuing	Assistant Professor		22/09/2014	Regular	Yes		No
17	Mrs. Lakshmi. H. R	AIZPL1600Q	M.Tech	09/05/2015	VLSI Design and Embedded System	3	-	Pursuing	Assistant Professor		23/02/2015	Regular	No	31/05/2019	No
18	Mrs. Aruna Rao B.P	AYKPB7631E	M.Tech	18/04/2011	VLSI Design and Embedded System	1	-	Pursuing	Assistant Professor		31/07/2017	Regular	Yes		No
19	Ms.Veda.B	BKEPB2281H	M.Tech	05/05/2016	Digital Electronics and Communication	1	-	-	Assistant Professor		31/07/2017	Regular	Yes		No

20	Ms.Shilpa.V	BXHPS9997K	M.Tech	30/06/2011	VLSI Design and Embedded System	0	-	-	Assistant Professor		06/08/2018	Regular	Yes		No
21	Ms.Bhargavi Ananth	ASHPA8109M	M.Tech	07/01/2010	Digital Electronics & Communication	2	-	-	Assistant Professor		06/08/2018	Regular	Yes		No

5.1 Student-Faculty Ratio (SFR) (20)

Institute Marks: 12

UG

Number of UG Programs in the Department: 1

Electronics and Communication Engineering						
Year of Study	CAY		CAYm1		CAYm2	
	(2020-21)		(2019-20)		(2018-19)	
	Sanctioned Intake	Actual Admitted through lateral entry students	Sanctioned Intake	Actual Admitted through lateral entry students	Sanctioned Intake	Actual Admitted through lateral entry students
2nd Year	120	3	120	10	120	9
3rd Year	120	10	120	9	120	15
4th Year	120	9	120	15	120	40
Sub-total	360	22	360	34	360	64
Total	382		394		424	

PG

No. of PG Programs in the Department: 1

Digital Electronics and Communication				
Year of Study	CAY		CAYm1	
	(2020-21)		(2019-20)	
	Sanctioned Intake		Sanctioned Intake	
1st Year	18		18	
2nd Year	18		24	
Total	36		42	
Grand total	36		42	

SFR

Number of UG Programs in the Department: 1

No. of PG Programs in the Department: 1

Description	CAY (2020-21)	CAYm1(2019-20)	CAYm2 (2018-19)
Total No. of Students in the Department (S)	382+36=418	394+42=436	424+48=472
No. of Faculty in the Department excluding first year faculty (F)	17	22	21
Student Faculty Ratio (SFR)	SFR1=418/17=24.58	SFR2=436/22=19.82	SFR3=472/21=22.48
Average SFR=(SFR1+SFR2+SFR3)/3 = (24.58+19.82+22.48)/3=22.29			

5.1.1 Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
CAY (2020-21)	17	1
CAYm1 (2019-20)	22	1
CAYm2 (2018-19)	21	0

Average SFR for three Assessment Years: 22.29

Assessment SFR: 12

5.2 Faculty Cadre Proportion (25)

Institute Marks: 25

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY (2020-21)	2	5	4	0	13	12
CAYm1 (2019-20)	2	5	4	0	14	17
CAYm2 (2018-19)	2	4	5	1	15	16
Average Numbers	RF1=2	AF1=4.66	RF2=4.33	AF2=0.33	RF3=14	AF3=15

Cadre Ratio Marks=((AF1/RF1)*1 + (AF2/RF2)*0.6 + (AF3/RF3)*0.4)*12.5=
[2.33+0.04+0.428]*12.5=25

5.3 Faculty Qualification (25)

Institute Marks: 12.7

Years	X	Y	F	$FQ=2.5 \times [(10X + 4Y)/F]$
(2020-21) CAY	5	12	20.9	11.66
(2019-0) CAYm1	5	17	21	14.05
(2018-9) CAYm2	5	16	23	12.39

Average Assessment = 12.7

5.4 Faculty Retention (25)

Institute Marks: 20

Description	2019-20	2020-21
No. of Faculty Retained	20	15
Total No. of Faculty (2018-19)	21	21
% of faculty Retained	95.23	71.42

Average =83.32

Assessment Marks=20

5.5 Innovations by the Faculty in Teaching and Learning (20) Institute Marks: 18

The faculty of ECE department attends various MOOCS and training programs on advanced topics, update their knowledge and skills, and gives additional inputs in the classes. Further, the faculty conducts various innovative teaching and learning activities inside and outside the classrooms to engage the students effectively and efficiently. The teaching and learning activities conducted by the faculty for the improvement of student learning includes:

- Conduction of online and classroom quizzes, role play, surprise class tests, open book assignments, group discussions, flip discussions, pick and speak, seminars, social awareness programmes etc.
- Assignments which include mind maps, mini-projects, and case studies.
- Usage of ICT, and Google classrooms for posting assignments and lecture materials.
- Usage of Google forms and Kahoot for online interaction, assessment, and evaluation.
- Teaching with working models, simulations, and animated videos.
- Teaching with concept maps, model demo, charts etc.

A. Teaching and Learning materials available on Institute website

The instructional materials and pedagogy activity reports are uploaded in Google drive and the associated links are made available under the tab “TEACHING AND LEARNING” on the institutional website (http://ksit.ac.in/ece_dept.html#teaching-learning) for student and faculty access.

Teaching and Learning**Youtube Uploads Information**

https://drive.google.com/drive/folders/148oQWj4Jng1PyX51OYG_50t7LeP13gMg?usp=sharing

Instructional Materials

- Academic Year: 2020-21

<https://drive.google.com/drive/folders/14PWnypAONE3cAPsIIqPCwIxrutqaASv?usp=sharing>

- Academic Year: 2019-20

<https://drive.google.com/drive/folders/1kNQvwEHRcOeZIHn9R7PqxJAEcwme5P2V?usp=sharing>

- Academic Year: 2018-19

<https://drive.google.com/drive/folders/1EJ506Bahb2gu8-6J6nho-mkdQRVnFvPE?usp=sharing>

Lab Manuals

<https://drive.google.com/drive/folders/1imoQRURuC21vLOTK65YK3PeR5Ewj96xe?usp=sharing>

Pedagogical Activities

- Academic Year: 2020-21

<https://drive.google.com/drive/folders/14CqHwv5IJThALxExzNIMKAv8sEigLJrI?usp=sharing>

- Academic Year: 2019-20

<https://drive.google.com/drive/folders/1NQgTChVvbhJWCJF8bSmYxMTSRnubpJTv?usp=sharing>

- Academic Year: 2018-19

https://drive.google.com/drive/folders/1xrhdkOK_OhdLvMY5wYeJzXJCqdrE2eB?usp=sharing

B & C. Peer review, critique, and further development

The peer review form associated with the pedagogical activities are made available under the tab “TEACHING AND LEARNING” on the institutional website (http://ksit.ac.in/ece_dept.html#teaching-learning) for public access, peer review, critique and for further development.

Pedagogy Review form

https://docs.google.com/forms/d/e/1FAIpQLSfxJoIFw81C9STGEFOCaJ_Uk9YIIsWHzqjwWK8_1ustqfTgw/viewform?usp=pp_url

Review Responses Pedagogy Activities

<https://drive.google.com/file/d/1ldO52d25UOV1CbWJq02x9ICn1GHZhzIj/view?usp=sharing>

Table 5.5-a : Summary of Pedagogical activities

Academic Year: 2020-21 (Odd Semester)				
Reports of Pedagogical activities				
https://drive.google.com/drive/folders/14CqHwv5IJThALxExzNIMKAv8sEigLJrI?usp=sharing				
Sl. No.	Name of the Faculty	Course Name	Semester/ Section	Activity Name
1	Dr. P.N Sudha	Cryptography	VII/A & B	Presentation by students on all modules
2	Dr. P.N Sudha	Cryptography	VII/A & B	Kahoot Quiz on Euclidean Algorithm
3	Dr. P.N Sudha	Cryptography	VII/A & B	Unit Test on Galois Fields Concept
4	Dr. P.N Sudha	Cryptography	VII/A & B	Unit Test on MD5 Algorithm
5	Dr. P.N Sudha	Cryptography	VII/A & B	Unit Test on GCD
6	Dr. P.N Sudha	Cryptography	VII/A & B	Kahoot Quiz on Chinese remainder Algorithm
7	Dr. B.Surekha	Microwaves and Antennas	VII/ A & B	Pick and Speak
8	Dr. Joy P Prabhakaran	Digital Image Processing	VII/B	Work on an Active Medical Research Problem
9	Dr.B.Sudarshan	Computer Organization and Architecture	III/A & B	Kahoot Quiz on Basics of Computer Organization
10	Mr. Samthosh Kumar B R	Digital System Design	III/A & B	Group Assignment on Simulation using Labview
11	Mrs.Vishalini Divakar	Power Electronics	VII/A & B	Unit Test on Introduction to Power Electronics
12	Mrs.Vishalini Divakar	Power Electronics	VII/A & B	Unit Test on BJTs
13	Mrs.Vishalini Divakar	Power Electronics	VII /A & B	Unit Test on SCRs
14	Mrs. Jayasudha B.S.K	Electromagnetics	V/ A & B	Speak on Inventions
15	Mrs. Jayasudha B.S.K	Electromagnetics	V /A & B	Speak on Challenges

16	Mr. Sunil Kumar.G.R	Verilog HDL	V/ A & B	Quiz on Concepts of Verilog HDL
17	Mrs.Sangeetha.V	Digital Signal Processing	V/A & B	Class Test on DFT Formulas and Matrix Methods
18	Mrs.Sangeetha.V	Digital Signal Processing	V /A	Kahoot Quiz on N-Point DFT
19	Mrs.Sangeetha.V	Digital Signal Processing	V/B	Kahoot Quiz on N-Point DFT
20	Mrs.Sangeetha.V	Digital Signal Processing	V/A & B	Guess the Property
21	Mr. Praveen.A	IoT & WSN	VII /A & B	Pick and Speak on IoT Applications
22	Mr.S.Christo Jain	Power Electronics and Instruments	III A & B	Kahoot Quiz on Instruments
23	Mr.S.Christo Jain	Power Electronics and Instruments	III A & B	Kahoot Quiz on Basics of Electronics and Semiconductor Devices
24	Mr.S.Christo Jain	Power Electronics and Instruments	III A & B	Kahoot Quiz on SCRs
25	Mr.Saleem S Tevaramani	Digital Image Processing	VII /A	Mentimeter on Morphological Operations
26	Mr.Saleem S Tevaramani	Satellite Communication	VII /A & B	Mentimeter on Eclipse and Orbital Perturbations
27	Mrs.P. Pragati	Network Theory	III/ A & B	Modern Tool Usage
28	Mrs.P. Pragati	Network Theory	III/ A & B	Kahoot Quiz on Resonance Concepts
29	Mrs.Aruna Rao	Information Theory and Coding	V /A&B	Group Assignment on basic concepts of ITC
30	Mrs.Aruna Rao	Information Theory and Coding	V /A&B	Flip Class
31	Mrs. Pooja S	Principles of Communication Systems	V/A&B	Unit Test Module 5
32	Mrs. Pooja S	Principles of Communication Systems	V/A&B	Kahoot Quiz Moule 1,2 ,3
33	Mrs. Pooja S	Principles of Communication Systems	V/A&B	Quiz Module 4

34	Mrs. Yeshwini. V	Electronic Devices	III/ A &B	Kahoot Quiz on Basics of Transistors
35	Mrs. Yeshwini. V	Electronic Devices	III/ A &B	Kahoot Quiz on Basics of FETs

Academic Year: 2020-21 (Even Semester)

Reports of Pedagogical activities

<https://drive.google.com/drive/folders/14CqHwv5IJThALxExzNIMKAv8sEigLJrI?usp=sharing>

Sl. No.	Name of the Faculty	Course Name	Semester/ Section	Activity Name
1	Dr. P.N Sudha	Microwaves and Antennas	VI /A & B	Students Presentation on Reflex Klystron
2	Dr. P.N Sudha	Microwaves and Antennas	VI /A & B	Unit Test on Problems on smith chart
3	Dr. P.N Sudha	Microwaves and Antennas	VI /A & B	Students Presentation on Module 1
4	Dr. P.N Sudha	Microwaves and Antennas	VI /A & B	Students Presentation on Transmission Lines
5	Dr. P.N Sudha	Microwaves and Antennas	VI /A & B	Kahoot Quiz on Antenna Parameters
6	Dr. P.N Sudha	Microwaves and Antennas	VI /A & B	Kahoot Quiz on Module 1
7	Dr. B.Surekha	Network and Cyber Security	VIII/ A & B	Quiz
8	Dr. B.Surekha	Network and Cyber Security	VIII / A & B	Mind Map
9	Dr.B.Sudarshan	Operating System	VI /A & B	Kahoot Quiz
10	Mrs.Vishalini Divakar	Basic Electrical Engg.	II (D & E)	Unit Test
11	Mrs. Jayasudha B.S.K	Python Application Programming	VI /A & B	Mock Interview
12	Mrs. Jayasudha B.S.K	Python Application	VI /A & B	Why Python

		Programming		
13	Mr. Sunil Kumar.G.R	Basic Concepts of Microcontroller	IV A	Online Quiz
14	Mrs.Sangeetha.V	Digital Communication	VI A	Quiz
15	Mrs.Sangeetha.V	Digital Communication	VI B	Quiz
16	Mrs.Sangeetha.V	Digital Communication	VI A	Kahoot Quiz
17	Mrs.Sangeetha.V	Digital Communication	VI B	Kahoot Quiz
18	Mrs.Sangeetha.V	Digital Communication	VI A	Class Test
19	Mrs.Sangeetha.V	Digital Communication	VI B	Class Test
20	Mr.S.Christo Jain	Microcontroller	IV B	Quiz Module 1 & 2
21	Mr.Saleem S Tevaramani	Fibre Optics and Networks	VIII A	Interactive session using mentimeter
22	Mr.Saleem S Tevaramani	Fibre Optics and Networks	VIII B	Interactive session using mentimeter
23	Mrs.P. Pragati	Signals & Systems	IV A & B	Unit Test
24	Mrs.P. Pragati	Signals & Systems	IV A & B	Surprise Quiz
25	Mrs.Aruna Rao	Embedded Systems	VI A & B	Presentations
26	Mr Sampath Kumar	Control Systems	IV B	Class Test
27	Mrs. Pooja S	Radar Engineering	VIII A & B	Unit Test
28	Mrs. Pooja S	Radar Engineering	VIII A & B	Unit Test
29	Mrs. Pooja S	Wireless Cellular & LTE 4G Broadband	VIII B	Unit Test
30	Mrs. Pooja S	Wireless Cellular & LTE 4G Broadband	VIII B	Unit Test
31	Mrs. Yeshwini. V	Engineering statistics and Linear algebra	IV A & B	Seminar

Academic Year: 2019-20 (Odd Semester)

Reports of Pedagogical activities				
https://drive.google.com/drive/folders/1NQgTChVvbhJWCJF8bSmYxMTSRnubpJTv?usp=sharing				
Sl. No.	Name of the Faculty	Course Name	Semester/ Section	Activity Name
1	Dr. B Surekha	Microwaves & Antennas	VII/ A	Kahoot Quiz on Microwave Components
2	Dr. B Surekha	Microwaves & Antennas	VII/A & B	Social Awareness Programme on "Side Effects of Mobile Phone and Wireless Radiations"
3	Dr.B.Sudharshan	Operating System	V /B	Kahoot Quiz on Module - 1
4	Dr.B.Sudharshan	Operating System	V/A	Kahoot Quiz on Module - 1
5	Mrs. Mohanambica K M	Basic Electrical Engineering	I/B	Kahoot Quiz
6	Dr P N Sudha	Cryptography	VII/A & B	Kahoot Quiz on Ceasar Cipher
7	Mrs. Shilpa V	Power Electronics and Insrtumentation	III/B	Kahoot Quiz
8	Mrs. Shilpa V	Power Electronics and Insrtumentation	III/B	Rate your understanding
9	Mrs. Shilpa V	Power Electronics and Insrtumentation	III/B	Mini project
10	Dr. P.N Sudha	Cryptography	VII/A & B	Kahoot Quiz on Hill Cipher
11	Dr. P.N Sudha	Cryptography	VII/A & B	Kahoot Quiz on AES algorithm
12	Dr. P.N Sudha	Cryptography	VII/A & B	Mindmap
13	Mr. Christo Jain	Power Electronics	VII	Quiz
14	Mrs. Veda . B	Digital System Design	III /A	Kahoot Quiz
15	Mrs. Veda . B	Digital System Design	III/A	Mini-project exhibition
16	Mrs. Mohanambica K	Basic Electrical	I/B	Kahoot Quiz

	M	Engineering		
17	Mrs. Mohanambica K M	Basic Electrical Engineering	I/B	Surprise group Quiz
18	Mrs. Aruna Rao B.P	Verilog HDL	V/A & B	Mini project
19	Mrs. Pragati P	Network Theory	III/ A & B	Flip Discusssion
20	Mr. B.R.Santhosh Kumar	Digital System Design	III /A & B	Simulation using Multisim
21	Mr. Saleem S Tevaramani	Digital Image Processing	VII/B	Kahoot Quiz
22	Mr. Saleem S Tevaramani	Digital Image Processing	VII/ A	Kahoot Quiz
23	Mrs. Shilpa V	Power Electronics and instrumentation	III/B	Write a letter
24	Mrs. Pooja S	Power Electronics and Instrumentation	III/A	Kahoot Quiz on SCR basics, trigger circuits,
25	Mrs. Pooja S	Power Electronics and instrumentation	III/A	Kahoot Quiz on phase-controlled rectifiers, choppers inverters and SMPS
26	Mrs. Jayasudha B.S.K	Digitsl Signal Processing	V/A	Role play
27	Mrs. Jayasudha B.S.K	Digitsl Signal Processing	V/B	Role play
28	Mrs.P. Pragati	Network Theory	III/ A & B	Simulation using software
29	Mrs.P. Pragati	Network Theory	III/ A & B	Group Activity (TAPPS)
30	Mrs.Sahana Salagare	Basic Electronics	I /E	Kahoot Quiz on Digital Electronics
31	Mrs.Sahana Salagare	Basic Electronics	I /E	Mini Project
32	Mrs.R Nithya Kumari	Electronic Devices	III /B	Kahoot Quiz on Module 1 & 2
33	Mrs.R Nithya Kumari	Electronic Devices	III /A	Surprise Quiz

34	Mr. Sunil Kumar.G.R	Information Theory and coding	V /A	Demonstration of Working of LBC Encoder & Decoder circuit using Power Point Presentation
35	Mr. Praveen.A	Information Theory and Coding	V /B	Demonstration on different Channel techniques in encoding using Power Point Presentation
36	Mrs.Sangeetha.V	Satellite Communication	VII /A	Kahoot Quiz-1
37	Mrs.Sangeetha.V	Satellite Communication	VII /B	Kahoot Quiz-1
38	Mrs.Sangeetha.V	Satellite Communication	VII /A	Kahoot Quiz-2
39	Mrs.Sangeetha.V	Satellite Communication	VII /B	Kahoot Quiz-2
40	Mrs. Bhargavi Ananth	Computer Organization and Architecture	III/A& B	Role Play
41	Mrs. Bhargavi Ananth	Computer Organization and Architecture	III/A &B	Kahoot Quiz
42	Mrs. Bhargavi Ananth	Computer Organization and Architecture	III/A &B	Writing Assembly language code
43	Mrs.Vishalini Divakar	Basic Electrical Engineering	I/C	Kahoot Quiz
44	Mrs.Vishalini Divakar	Basic Electrical Engineering	I/A	Kahoot Quiz
45	Mrs.Sangeetha.V	Satellite Communication	VII /A	Kahoot Quiz-3
46	Mrs.Sangeetha.V	Satellite Communication	VII /B	Kahoot Quiz-3
47	Sampath Kumar S	Basic Electronics Engineering	I/F	Unit test

48	Mrs. Shilpa V	Power Electronics and Instrumentation	III/B	Kahoot Quiz
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Academic Year: 2019-20 (Even Semester)

Reports of Pedagogical activities

<https://drive.google.com/drive/folders/1NQgTChVvbhJWCJF8bSmYxMTSRnubpJTv?usp=sharing>

Sl. No.	Name of the Faculty	Course Name	Semester/ Section	Activity Name
1	Mrs. Sangeetha.V	Digital Communication	VI/A & B	Kahoot Quiz-1
2	Mrs. Sangeetha.V	Digital Communication	VI/A & B	Kahoot Quiz-2
3	Mrs. Sangeetha.V	Digital Communication	VI/A & B	Kahoot Quiz-3
4	Mrs. Smitha Mallya	Basic Electronics Engineering	II/A	Kahoot Quiz
5	Mrs. Aruna Rao B.P	VLSI Design	VI/A	Unit Test
6	Mrs. Aruna Rao B.P	Digital system design using Verilog	VI/B	Unit Test
7	Mrs. Jayasudha B.S.K	ARM Microcontroller and embedded system	VI/A & B	Online descriptive test-1
8	Mrs. Jayasudha B.S.K	ARM Microcontroller and embedded system	VI/A & B	Online descriptive test-2
9	Mr. Sampath Kumar S	Basic Electronics Engineering	II/B	Unit Test
10	Mrs. Shilpa V	Control System	IV/B	Unit Test 1
11	Mrs. Shilpa V	Control System	IV/B	Unit Test 2
12	Dr P N Sudha	Control System	IV/A	Unit Test 1
13	Dr P N Sudha	Control System	IV/ B	Unit Test 2
14	Dr P N Sudha	Control System	IV	Unit test 3
15	Dr. B Surekha	Computer Communication Network	VI/A & B	Mini projects
16	Mr. Sunil Kumar G R	Digital system design using verilog	VI/A	Unit Test
17	Dr.P Joy Prabhakaran	Data structures using C++	VI/A & B	Projects
18	Mrs.Vishalini Divakar	Basic Electrical Engineering	II/F	Kahoot Quiz
19	Mr.Saleem S Tevaramani	Radar engineering	VIII/A & B	Kahoot Quiz
20	Mrs. Preeti Mishra	Basic Electrical Engineering	II E	Kahoot Quiz
21	Dr P N Sudha	Cellular mobile communication	VI A & B	Unit test - 1
22	Dr P N Sudha	Cellular mobile communication	VI A & B	Unit test - 2
23	Dr P N Sudha	Cellular mobile communication	VI A & B	Kahoot Quiz - 1

24	Dr P N Sudha	Cellular mobile communication	VI A & B	Kahoot Quiz - 2
25	Dr P N Sudha	Cellular mobile communication	VI A & B	Kahoot Quiz - 3
26	Mrs. Priyadarshini	Basic Electrical Engineering	II/G	Kahoot Quiz
27	Mr. Santhosh Kumar B.R	Microcontroller	IV A & B	Writing of Interfacing Diagram
28	Mr. Praveen A	VLSI Design	VI B	Unit test
29	Mrs Pooja S	Wireless & LTE AG Broadband	VIII/B	Unit Test
30	Mrs Sahana Salagare	Fibre optic networks	VIII A&B	Kahoot Quiz

Academic Year: 2018-19

Reports of Pedagogical activities

https://drive.google.com/drive/folders/1xrhdkOK_OhdLvMY5wYeJJzXJCqdrE2eB?usp=sharing

Sl. No.	Name of the Faculty	Course Name /Code	Semester/ Section	Activity Name
1	Mrs. Bhargavi Ananth	Management and Entrepreneurship Development	V/A	Students were divided into groups of 5 and made an innovation on the brand and product
2	Mrs. Aruna Rao B.P	Microprocessor (17EC46)	IV/B	Mini project + poster making
3	Dr. P.N. Sudha	Control System	IV/A	Unit Test
4	Mrs. Shilpa V	Control System	IV/B	Unit Test

Sample Copy of Peer Review Form

3/12/2020

Peer Review Form (Innovative Teaching and Learning activities)

Peer Review Form (Innovative Teaching and Learning activities)

Department of ECE, K. S. Institute of Technology, Bangalore

*** Required**

Name of the feedback provider & Affiliation *

Your answer

1. Name of the Pedagogy Conducting Faculty *

Your answer

2. Academic Year *

 2019-20 2018-19 2017-18

3. Semester *

 Even Oddhttps://docs.google.com/forms/d/e/1FAIpQLSfxJolFw81C9STGEFOCaJ_Uk9YIIsWH-ZqjwWK8_1ustqfTgw/viewform

1/3

3/12/2020

Peer Review Form (Innovative Teaching and Learning activities)

4. Subject *

Your answer

5. Name of the Activity *

Your answer

6. Statement of clear goals *

- Yes
- No
- Maybe

7. Adequate preparation *

- Yes
- No
- Maybe

8. Use of appropriate methods *

- Yes
- No
- Maybe

https://docs.google.com/forms/d/e/1FAIpQLSfxJolFw81C9STGEFOCaJ_Uk9YIIswh-ZqjwWK8_1ustqTTgw/viewform

2/3

3/12/2020

Peer Review Form (Innovative Teaching and Learning activities)

9. Significance of results/Outcomes *

Your answer

10. Critique/Suggestions for improvement *

Your answer

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Google Forms

D. Statement of clear goals, use of appropriate methods, significance of results, effective presentation, and reflective critique

The pedagogy report and responses include details such as statement of clear goals, use of appropriate methods, significance of results, effective presentation, and reflective critique. A sample pedagogy report is shown below:

Sample Pedagogy Report**K. S. INSTITUTE OF TECHNOLOGY-560109**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

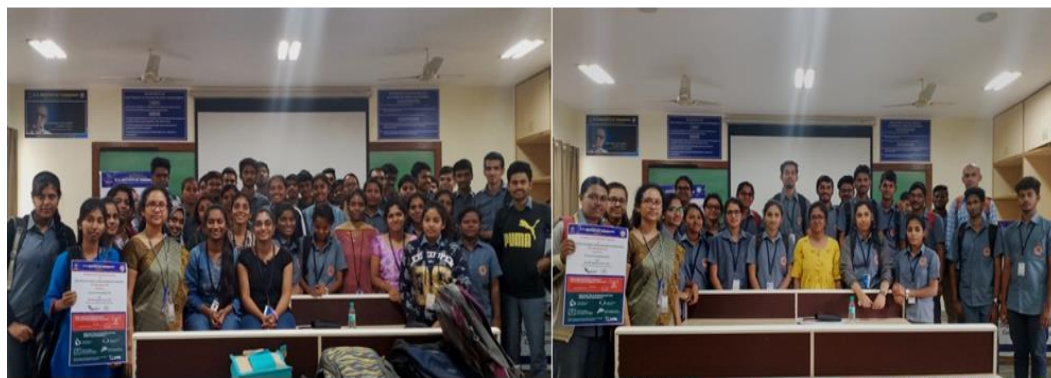
TEACHING AND LEARNING

PEDOGOGY REPORT

Academic Year	2019-20 (Odd)
Name of the Faculty	Dr.Surekha Borra
Course Name /Code	Microwaves and Antennas/15EC71
Semester/Section	VII/A & B
Activity Name	Social Awareness Program
Topic Covered	Side Effects of Mobile Phone and Wireless Radiations
Date	16/8/2019 to 20/9/19
No. of Participants	113
Objectives/Goals	<ul style="list-style-type: none"> To sensitize the students and public to social and environmental issues, holistic development

	<ul style="list-style-type: none"> To improve the communication skills and teamwork of students.
ICT Used	PPTs/Google forms/Printed leaflets, Posters
<p>Appropriate Method/Instructional materials/Exam Questions</p> <ul style="list-style-type: none"> Initially faculty gave a PPT presentation on “SIDE EFFECTS OF MOBILE PHONE AND WIRELESS RADIATIONS to both VII Sem A & B sections students, provided posters and brochures, asked to form groups and create awareness to the public in the neighborhood of their home and college and collect the feedback for the same. <p>Feedback from the 113 final year student participants was taken online, while the feedback from public were taken on paper.</p>	
Relevant PO's	5,6,7,8,9,10,11,12
Significance of Results/Outcomes	<ul style="list-style-type: none"> Students created awareness to almost 1500 people which includes students from many schools and colleges. The activity improved student's communication skills, teamwork, learning of technology side effects, improved concern to Society & Environment.
Reflective Critique	<ul style="list-style-type: none"> The program created awareness to more than 1500 people in the neighborhood community about the side effects of excessive usage of mobile phones. The program provided a platform for students to interact with general public, improve their communication skills and work in teams. From the summary of feedback provided by 113 students it was understood that many students are using mobile phone for more than one hour per day and are experiencing the side effects. The student participants and the public felt that the information printed on the brochure is very much useful. This kind of awareness programs should be conducted very often or at least every 6 months.

Proofs (Photographs/Videos/Reports/Charts/Models)



5.6 Faculty as participants in Faculty development/training activities/STTPs (15)

Institute Marks: 15

Name of the Faculty	2019-20 (CAYm1)	2018-19 (CAYm2)	2017-18 (CAYm3)
Dr. P.N Sudha	3	3	5
Dr. B. Surekha	5	5	5
Dr. P Joy Prabhakaran	-	3	-
Dr. B. Sudharshan	5	-	-
Mr. B.R. Santhosh Kumar	3	-	-
Mrs. Vishalini Divakar	3	5	-
Mrs. Jayasudha B.S. K	3	3	3
Mr. Sampath Kumar. S	5	5	5
Mr. Sunil Kumar.G. R	3	-	-
Mrs.Sangeetha. V	3	3	3
Mr. Praveen.A	3	3	-
Mr. Christo Jain	3	-	-
Mr. Saleem S Tevaramani	3	3	-
Mrs. R. Nithya Kumari	-	3	5
Mrs. Pragati. P	3	3	3
Mrs. SahanaSalagare	3	3	3
Mrs. Lakshmi. H. R	-	3	5
Mrs. Aruna Rao B.P	5	3	-
Mrs. Veda. B	5	3	-
Mrs. Shilpa V	3	3	-
Mrs. Bhargavi Ananth	3	3	-
Mrs. Priyadarshini.J. Patil	-	-	3
Mrs. Prathima B.A	-	-	3
Mrs. Pooja S	3	-	-
Mrs.Mohanambika	5	-	-
Sum	72	57	43
RF= Number of Faculty required to comply with 20:1 Student-Faculty ratio as per 5.1	20.9	21.8	23.6
Assessment = $3 \times (\text{Sum}/0.5\text{RF})$ (Marks limited to 15)	20.66	15.69	10.93

Average Assessment over 3 years = 15

5.7 Research and Development (30)**Total Marks:25****5.7.1 Academic Research (10)****Institute Marks: 6**

The faculty of the ECE department are actively engaged in research in the areas of Electronics and Communication Engineering, Signal Processing, Cryptography, Machine Learning and VLSI Technologies.

A total of **215** research articles were published and presented by the faculty in various technical journals and conferences in the past 3 years, with more than 500 citations.

PUBLICATIONS SUMMARY

Sl. No.	Academic year	Books	Book chapters	Journals		Conferences		Total
		International /National	International	International	National	International	National	
1	2020 - 2021	-	6	95	-	4	-	105
2	2019 - 2020	1	1	40	-	10	-	52
3	2018 - 2019	5	6	42	0	4	1	58
Total								215

**LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2020-21**

Details of research publications https://drive.google.com/drive/folders/1BfZhsa2SRsSI_movUL13_18R2oLkYfi6?usp=sharing			
BOOK CHAPTER PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Power-Cognizant Proactive Routing Protocol for Amending Energy in Ad-hoc Networks.	Part of the Lecture Notes in Electrical Engineering book series (LNEE, volume 601), pp 152-159,2020 DOI:10.1007/978-981-15-1420-3_17 Corpus ID: 219471495 https://www.scopus.com/authid/detail?authorId=57192552807
2	Dr. Surekha Borra	Biometric Sensors	Encyclopedia of Cryptography, Security and Privacy. Springer, Berlin, Heidelberg., Feb. 2021, ISBN: 978-3-642-27739-9 https://doi.org/10.1007/978-3-642-27739-9_1604-1
3	Dr. Surekha Borra	COVID-19 Apps: Privacy and Security Concerns	Intelligent Systems and Methods to Combat Covid-19, Springer Briefs in Applied Sciences and Technology. Springer, Singapore., Chapter 2, pp. 11-17, 2020, Online ISBN: 978-981-15-6572-4, https://doi.org/10.1007/978-981-15-6572-4_2 https://www.scopus.com/sourceid/21100321695

4	Dr. Surekha Borra	Automation of Anomaly Detection in Warehouses: A Machine Learning-Based Approach	Lect. Notes in Networks, Syst., Vol. 169, Proceeding of First Doctoral Symposium on Natural Computing Research, Chapter 16, 2020, ISBN: 978-981-33-4072-5. https://www.scopus.com/sourceid/21100901469
5	Dr. Surekha Borra	Acute-Lymphoblastic Leukaemia Detection through Deep Transfer Learning Approach of Neural Network	Lect. Notes in Networks, Syst., Vol. 169, Proceeding of First Doctoral Symposium on Natural Computing Research, Chapter 17, 2020, ISBN: 978-981-33-4072-5. https://www.scopus.com/sourceid/21100901469
6	Dr. Surekha Borra	Secure Anti-piracy System	Intelligent System Design, Advances in Intelligent Systems and Computing, Vol 1171. Springer, Singapore., pp. 827-835, 2021. Online ISBN: 978-981-15-5400-1, Print ISBN 978-981-15-5399-8, ISSN 2194-5365, https://doi.org/10.1007/978-981-15-5400-1_78 , https://www.scopus.com/sourceid/5100152904

JOURNAL PUBLICATIONS

Sl. No.	Name of the faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor: Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Literature Review on Hybrid Temperature Sensing and Monitoring System with Built-in sanitizer	International Advanced Research Journal in Science Engineering and Technology, Vol. 7, No. 12, pp. 66-70, 2020, ISSN: 2393-8021, DOI: 10.17148/IARJSET.2020.71213
2	Dr. P N Sudha	The Design, Modeling, Construction, and Implementation of Self-Balancing Robot	International Advanced Research Journal in Science, Engineering and Technology, Vol,8, No. 6, pp.922- 924, 2021, ISSN: 2393-8021
3	Dr. P N Sudha	IR Underwater Wireless Communication	International Research Journal of Engineering and Technology, Vol,8, No. 4, pp. 4601- 2021, ISSN: 2395-0056
4	Dr. P N Sudha	Automatic Plant Watering System using Arduino	International Journal of Innovative Research in Technology, Vol,8, No. 3, pp.260- 262, 2021, ISSN: 2349-6002
5	Dr. P N Sudha	Social Distance Remainder	International Journal of Research Publication and Reviews, Vol 2, No. 8,

			pp. 982 – 983, 2021, ISSN: 2582 - 7421
6	Dr. Surekha Borra	Hybrid, Blind and Robust Image Watermarking: RDWT – NSCT based Secure Approach for Telemedicine Applications	Multimedia Tools and Applications, Vol.80, pp. 27593–27613, 2021 https://link.springer.com/article/10.1007/s11042-021-11064-y https://doi.org/10.1007/s10772-021-09818-y https://www.scopus.com/sourceid/25627 https://www.scimagojr.com/journalsearch.php?q=25627&tip=sid&clean=0 https://mjl.clarivate.com:/search-results?issn=1380-7501&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
7	Dr. Surekha Borra	Fragile Watermarking Framework for Tamper Detection of Color Biometric Images	International Journal of Digital Crime and Forensics, Vol.13, No. 2, pp. 100518-115538, 2021, ISSN: 1941-6210 https://www.igi-global.com/article/fragile-watermarking-framework-for-tamper-detection-of-color-biometric-images/272832 https://www.scopus.com/sourceid/19700186847 https://www.scimagojr.com/journalsearch.php?q=1941-6210+ https://mjl.clarivate.com:/search-results?issn=1941-6210&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
8	Dr. Surekha Borra	Difference Expansion Based Reversible Watermarking Algorithms for Copyright Protection of Images: State-of-The-Art and Challenges	International Journal of Speech Technology, 2021, pp.1-30 Published Online in Feb 2021 ISSN:1381-2416 https://doi.org/10.1007/s10772-021-09818-y https://www.scopus.com/sourceid/26802 https://www.scimagojr.com/journalsearch.php?q=26802&tip=sid&clean=0 https://mjl.clarivate.com:/search-results?issn=1381-2416&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
9	Dr. Surekha Borra	A Survey on	Recent Patents on Engineering, Vol.15,

		Prevention Techniques for Camcorder Video Piracy in Movie Theatres	No.2, pp.207-217, 2021 ISSN: 1872-2121, 2212-4047, [DOI: 10.2174/1872212115666201208000236] https://www.scopus.com/sourceid/11500153307 https://www.scimagojr.com/journalsearch.php?q=1872-2121
10	Dr. Surekha Borra	Detection and Classification of Leukocytes in Blood Smear Images: State-of-the-Art and Challenges	International Journal of Ambient Computing and Intelligence, Vol. 12, No.2, pp. 030720-041648, 2021, ISSN: 1941-6237 https://www.scopus.com/sourceid/19700186849 https://www.scimagojr.com/journalsearch.php?q=19700186849&tip=sid&clean=0
11	Dr. Surekha Borra	Misinformation About COVID-19 and Confidential Information Leakage: Impacts on The Psychological Well-Being of Indians	Current Psychiatry Research and Reviews, Vol.16, No.4, pp.283-287, 2020, ISSN:2666-0822 https://www.scopus.com/sourceid/21100936011 https://www.scimagojr.com/journalsearch.php?q=2666-0830 https://mjl.clarivate.com:/search-results?issn=2666-0822&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
12	Dr. Surekha Borra	Progression in Biometric Recognition Systems and its Security	Recent Patents on Engineering, Vol. 14, No.1, 2020, ISSN: 1872-2121, Vol.14, DOI: 10.2174/1872212114999200918122905 https://www.scopus.com/sourceid/11500153307 https://www.scimagojr.com/journalsearch.php?q=1872-2121
13	Dr. Surekha Borra	Development of Magnetic Resonance Image De-Noising Methodologies: A Comprehensive Overview of The State-of-The-Art	Smart Health, Vol. 18, Nov. 2020, E-ISSN:2352-6483 https://www.scopus.com/sourceid/21100894507 https://www.scimagojr.com/journalsearch.php?q=2352-6483
14	Dr. Sangappa S B	Communication In LI-FI	Journal of Emerging Technologies and Innovative Research, Vol. 07, No. 08, pp.

			1425-1429,2020, ISSN:2395-5162
15	Dr. B. Sudarshan	Automation of Manually Operated Devices	International Research in Applied Science & Engineering Technology, Vol.08, No.8, pp. 411 – 416,2020, ISSN: 2321-9653, Impact Factor:7.429.
16	Dr. B. Sudarshan	A Survey on Brain Actuated Applications for Paralyzed People	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No. 5, pp. 214-219, 2021, ISSN: 2393-8021
17	Dr. B. Sudarshan	Implementation of Brain Actuated Application for Paralyzed People	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No. 6, pp. 819-824, 2021, ISSN: 2393-8021
18	Dr. B. Sudarshan	Automatic Movable Smart Road Divider Using IOT	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No 6, pp. 839-843, 2021, ISSN: 2393-8021
19	Dr. B. Sudarshan	Laser Based Security System	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No 7, pp. 91-93, 2021, ISSN: 2393-8021
20	Dr. B. Sudarshan	Short Range Radar System	International Journal of Research Publication and Reviews, Vol.2, No.7, pp.1726-1730, 2021, ISSN: 2582-7421
21	Mr. Santhosh Kumar	Smart Mopping Robot	International Journal of Engineering Applied Sciences and Technology, Vol.07, No. 08, pp. 1188-1191,2020 e-ISSN:2395-0056, Impact Factor: 7.529
22	Mr. Santhosh Kumar	Literature Review on Area-Delay-Power Efficient Carry-Select Adder	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp. 262-264, 2021, ISSN: 2393-8021
23	Mr. Santhosh Kumar	Smart Water Metering System	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp. 407-409, 2021, ISSN: 2393-8021,
24	Mr. Santhosh Kumar	Smart Water Metering System	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp. 280-284, 2021, ISSN: 2393-8021,
25	Mr. Santhosh Kumar	Smart Street Light	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp. 132-134, 2021, ISSN: 2393-8021,
26	Mr. Santhosh Kumar	Terminal Chat Client Using MQTT	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp. 107 -109, 2021, ISSN: 2393-8021,

27	Mrs. Vishalini Divakar	Commuting Aid for Visually Impaired People	International Research Journal of Engineering and Technology, Vol.07, No. 08, pp: 1231 -1234,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
28	Mrs. Vishalini Divakar	Operation Theatre Automation and control (OTAC)	International Research Journal of Engineering and Technology, Vol.07, No: 08, pp: 1244 - 1250,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
29	Mrs. Vishalini Divakar	Review on Automatic sanitizer dispensing machine	International Advanced Research Journal in Science, Engineering and Technology, Vol 08, No. 06, pp: 938-939, 2021, ISSN: 2393-8021
30	Mrs. Vishalini Divakar	A Review on Alcohol and Drowsiness detection for a four-wheeler	Journal of Applied Science and Computations, Vol 08, No:05, pp.151-155, 2021, ISSN: 0022-1945
31	Mrs. Vishalini Divakar	Literature Review on IOT Based Plant Disease Detection	International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No 5, pp. 405-406,2021, ISSN 2393-8021
32	Mrs. Vishalini Divakar	IoT Based Plant Disease Detection	International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, No 7, pp: 289-292, 2021, ISSN: 2393-8021
33	Mrs. Vishalini Divakar	Rain Detector with Alarm	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 86-89,2021, ISSN: 2393-8021,
34	Mrs. Jayasudha B S K	Machine Learning Techniques for Cardiovascular Score Prediction – A Review	International Research Journal of Engineering and Technology, Vol. 8, No 1, pp. 1 -7, 2021, ISSN: 2395-0056
35	Mrs. Jayasudha B S K	Smart Syringe Pump for Telemedicine and Health Care	International Journal of Advance in Engineering and Management, Vol.03, No. 06, pp. 1134 - 1138, 2021, e-ISSN: 2395-5252
36	Mr. Sampath Kumar S	Smart Traffic System using Load cells and IR Sensors	International Research Journal of Modernization in Engineering Technology and Science, Vol.02, No. 08, pp: 9-16,2020, e-ISSN:2582-5208
37	Mr. Sampath Kumar S	Modern Agriculture using Swarm Robots	International Journal of Advance in Engineering and Management, Vol.02, No. 04, pp. 67 - 70,2020, e-ISSN: 2395-5252, ISO 9001: 2008 Certified Journal, DOI: 10.35629/5252-02046770

38	Mr. Sampath Kumar S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 04, pp. 362-364,2021, ISSN: 2393-8021
39	Mr. Sampath Kumar S	Human Following Robot	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 258 -259, 2021, ISSN: 2393-8021
40	Mr. Sampath Kumar S	Smart Energy Meter	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 179 - 183, 2021, ISSN: 2393-8021
41	Mr. Sampath Kumar S	Real Time Monitoring of Bridge using Wireless Technology	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 1-5,2021, ISSN: 2393-8021
42	Mr. Sampath Kumar S	IoT Based Home automation and security	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 06, pp. 908-910,2021, ISSN: 2393-8021
43	Mr. Sunil Kumar G. R	Morse code based Secured Authentication System through Artificial Intelligence	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 05, pp. 347 - 357,2021, ISSN: 2393-8021
44	Mr. Sunil Kumar G. R	A Comprehensive Study of Face Recognition for Security-based Systems	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 05, pp. 355 - 361,2021, ISSN: 2393-8021
45	Mr. Sunil Kumar G. R	Implementation of Quine McCluskey Method on FPGA	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No 5, pp. 204-206,2021, ISSN: 2393-8021
46	Mr. Sunil Kumar G. R	Implementation of Quine McCluskey Method on FPGA	International Advanced Research Journal in Science, Engineering and Technology Vol. 8, No 7, pp. 293-299,2021, ISSN: 2393-8021
47	Mr. Sunil Kumar G. R	Automatic Rain Sensing Wiper Circuit using 555 Timer IC	International Advanced Research Journal in Science, Engineering and Technology, Vol.08, No. 07, pp. 110-113,2021, ISSN: 2393-8021
48	Mr. Sunil Kumar G. R	Gas Leakage Detector	International Journal of Research Publication and Reviews, Vol.02, No. 07, pp. 1632-1635,2021, ISSN: 2582-7421

49	Mr. Sunil Kumar G. R	Automatic Waste Segregator System	International Journal of Research Publication and Reviews, Vol.02, No. 07, pp. 1794 -1802,2021, ISSN: 2582-7421
50	Mrs. Sangeetha V	Automatic Water Controller	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp. 255-257, 2021, ISSN: 2393-8021
51	Mrs. Sangeetha V	Development of Prosthetic Hand for the Disabled	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp. 367-370,2021, ISSN: 2393-8021
52	Mrs. Sangeetha V	Li – Fi based Text Transmission	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1662-1665, 2021, ISSN: 2582-7421,
53	Mrs. Sangeetha V	Peltier Enabled Dual Purpose Thermo Electric Solar Refrigerator –A Survey	Journal of Applied Science and Computation, Vol 8, No 6, pp 1-5,2021, ISSN:0022-1945
54	Mrs. Sangeetha V	Implementation and Development of Prosthetic Hand for the Disabled	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp.412 - 417,2021, ISSN: 2393-8021
55	Mrs. Sangeetha V	Automatic Gas Leakage Detection and Booking System	International Research Journal of Engineering and Technology, Vol 8, No.7, pp. 409-411,2020, ISSN:23950056
56	Mr. Praveen A	Unified Meter for Electricity, Gas and Water with Automatic Billing and Payment	International Research Journal of Engineering and Technology, Vol. 07, No.05 Aug 2020, pp. 811-816, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Impact Factor: 7.52.
57	Mr. Praveen A	Miniature Water Purifier based on IoT	International Research Journal of Engineering and Technology, Vol.07, No.08, pp.2201-2205,2020, e-ISSN:2395-0056, Impact Factor: 7.529
58	Mr. Praveen A	Literature review on Automatic Gate Control System using Number Plate Recognition with OCR	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.5, pp.280-285,2021, ISSN: 2393-8021
59	Mr. Praveen A	Automatic Gate Control System Using Number Plate Recognition with OCR	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.6, pp.858-865, 2021, ISSN: 2393-8021

60	Mr. Praveen A	Literature review on Clock optimization for High-speed synchronous Circuits	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.6, pp.737-740, 2021, ISSN: 2393-8021
61	Mr. Praveen A	Single Axis Sun Tracking Solar Panel	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1623-1625, 2021, ISSN: 2582 - 7421
62	Mr. Praveen A	Design and Construction of a simple and Cost-Effective Frequency Modulated Transmitter of the Range 100 Meters	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1654 - 1657, 2021, ISSN: 2582 - 7421
63	Mr. Praveen A	Arduino based Autonomous Fire Fighting Robot	International Journal of Research Publication and Reviews, Vol 2, No.7, pp.1547 - 1550, 2021, ISSN: 2582 - 7421
64	Mr. Christo Jain	Smart Manhole Toxic Gas Identification and Altering System Review	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.2, pp.122-124, 2021, ISSN: 2393-8021
65	Mr. Christo Jain	Smart Electricity Meter	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1559-1562, 2021, ISSN: 2582-7421
66	Mr. Christo Jain	Smart Sensing Bin	International Journal of Research Publication and Reviews, Vol.2, No. 7, pp. 1839-1842, 2021, ISSN: 2582-7421
67	Mr. Christo Jain	IR Wireless Communication System through Water	International Advanced Research Journal in Science, Engineering and Technology, Vol.8, No.7, pp.127-131, 2021, ISSN: 2393-8021
68	Mr. Saleem S Tevaramani	Smart Roads System	International Journal of Recent Advances in Multidisciplinary Topics, Vol.2, No. 7, pp.128-130, 2021, ISSN: 2582-7839,
69	Mr. Saleem S Tevaramani	Smart Two-Wheeler	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.6, pp. 891-895, 2021, ISSN 2393-8021.
70	Mr. Saleem S Tevaramani	Implementation of an Emergency Ventilator Based on Oxygen Regulation	International Research Journal of Modernization in Engineering Technology and Science, Vol 3, No.7, pp.1172-1179,2021, ISSN 2582-5208
71	Mr. Saleem S Tevaramani	A Review on the Use of Emergency	International Journal of Scientific Research in Engineering and Management, Vol. 5, No. 5, pp. 1-5,2021,

		Ventilators for COVID-19	ISSN 2582-3930
72	Mr. Saleem S Tevaramani	Smart Two-Wheeler	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No.5, pp.397-400, 2021, ISSN 2393-8021.
73	Mrs. Pragati P	Gyro-assisted multi terrain rover	International Research Journal of Engineering and Technology, Vol.07, No. 08, pp. 2061-2065, 2020, e-ISSN: 2395-0056, Impact Factor: 7.529
74	Mrs. Pragati P	Solar Based Smart Grass Cutter	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No.7, pp. 219-221,2021, ISSN: 2393-8021
75	Mrs. Pragati P	Density Based Traffic Signal System Using Microcontroller	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No.7, pp. 253-254,2021, ISSN: 2393-8021
76	Mrs Sahana Salagare	Self-powering system for under water sensor node	International Journal of Engineering Applied Sciences and Technology, Vol. 5, No. 4, pp. 442-444,2020, ISSN 2455-2143
77	Mrs. Aruna Rao B P	LED distance indicator literature survey	International Advanced Research Journal in Science Engineering and Technology, Vol 8, No.7, pp. 129-131,2021, ISSN: 2393-8021
78	Mrs. Aruna Rao B P	Literature Review on Recognition of Stress Using Face Image and Facial Landmarks	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 6, pp. 792-797,2021, ISSN: 2393-8021
79	Mrs. Aruna Rao B P	Recognition of Stress using Face Image and Facial Landmarks	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp. 602-612,2021, ISSN: 2393-8021
80	Mrs. Aruna Rao B P	Survey on Sign Language to Text and Speech Conversion using Machine Learning Model	International Journal of Research Publication and Reviews Vol 2, No. 7, pp.1831-1833 ,2021, ISSN: 2582-7421
81	Mrs. Aruna Rao B P	AI based Armed Surveillance Robot	International Journal of Computer Applications Technology and Research, Vol10, No. 7, pp. 183-185,2021, ISSN: 2319-8656
82	Mrs. Aruna Rao B P	Alcohol Detection using Arduino with Motor Locking	International Journal of Research Publication and Reviews, Vol 2, No. 7, pp. 1521-1525 ,2021, ISSN: 2582-7421
83	Mrs. Bhargavi	Multi account	International Research of Journal of

	Ananth	embedded ATM card with Fingerprint recognition	Engineering and Technology, Vol. 7, No.08, pp. 1687-1691,2020, e- ISSN: 2395-0056, Impact Factor:7.529
84	Mrs Priyadarshini Patil A	Smart Voting System using Face Recognition	International Research Journal of Engineering and Technology Vol.07, No. 08, pp. 1463-1467, e-ISSN:2395-0056, Impact Factor: 7.529
85	Mrs. Pooja S	Home Automation with Arduino Uno	International Journal of Advance Research, Ideas and Innovations in Technology, Vol 7, No.4, pp. 937-939, 2021, ISSN: 2454-132X, Impact Factor:6.078
86	Mrs. Pooja S	Temperature and Movement Sensed Automatic Door Opening System	International Journal of Research Publication and Reviews, Vol 2, No.7, pp. 1784-1786, 2021, ISSN: 2582-7421
87	Mrs. Pooja S	Voice Controlled Elevator	International Journal of Research Publication and Reviews, Vol 2, No.7, pp. 1787-1789, 2021, ISSN: 2582-7421
88	Mrs. Pooja S	Reverse Parking Sensor	International Advanced Research Journal in Science, Engineering and Technology, Vol, 8, No. 7, pp. 94 - 96, 2021, ISSN: 2393-8021
89	Mrs. Smitha Mallya	Entire Body Postural Analysis Assessment Device for Computer Operators	International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 5, pp. 364-366, 2021, ISSN: 2393-8021
90	Mrs. Smitha Mallya	IoT Based Cloud Integrated Smart Classroom and Sustainable Campus	International Advanced Research Journal in Science, Engineering and Technology, Vol, 8, No. 5, pp. 347-350, 2021, ISSN: 2393-8021
91	Mrs. Smitha Mallya	Voice Controlled Robot Vehicle	International Journal of Research publication and Reviews Vol 2, No. 7, pp. 1600-1603, 2021, ISSN: 2582-7421
92	Mrs. Yeshwini A	Literature Review on Cloud based IoMT Framework for Automated Health Assessment and Management	International Advanced Research Journal in Science, Engineering and Technology, Vol 8, No. 5, pp. 253-255, 2021, ISSN: 2393-8021
93	Mrs.Yeshwini A	Design and Construction of Smart Sanitizer Dispenser	International Journal of Research Publication and Reviews, Vol2, No. 7, pp. 1279-1281,2021, ISSN: 2582-7421

94	Mrs.Yeshwini A	Smart Garbage Monitoring System	International Advanced Research Journal in Science Engineering and Technology, Vol, 8, No. 7, pp. 185-189, 2021, ISSN: 2393-8021
95	Dr.PN.Sudha	Hybrid Temperature Sensing and Monitoring System with Built in Sanitizer	International Journal for Research in Engineering Application & Management (IJREAM), Vol-07, No.4, pp. 153-157,2021, ISSN: 2454-9150
INTERNATIONAL CONFERENCE PUBLICATIONS			
Sl . No.	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC Indexed Link, No. of Citations
1.	Dr. P N Sudha	Electronic Gauge for Micron Measurement and its Relevance to Industry 4.0	2nd International Conference on Adaptive Computational Intelligence, (ICACI-2020), GSSS Institute of Engineering and Technology for Women, Mysuru, 15 th - 16 th Dec 2020
2	Dr. B Surekha	Detection of Piracy: Approaches and Challenges	2nd International Conference on Adaptive Computational Intelligence, (ICACI-2020), GSSS Institute of Engineering and Technology for Women, Mysuru, 15 th - 16 th Dec 2020
3	Mrs. Jayasudha B S K	Ensemble Learning as A Prerogative Method of Predicting Mortality of Patients with Cardiovascular Diseases	7 th international conference on Electronics, Computing and Communication Technologies, IEEE, 9 th -11 th July 2021
4	Mr. Sampath Kumar S	A Technology Review and A Holistic Study of Adaption of Advanced Machine Learning Technology in Paddy Crop Cultivation and Management	International conference on Recent Trends in Electrical, Electronics, Telecommunication, Instrumentation, Medical Electronics and Physics (ICRTEETIMP-2020)

**LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2019-20**

Details of research publications https://drive.google.com/drive/folders/1SOtNmjWzIv_Vgdo4mcZ6USPQqTIXE8TE?usp=sharing			
BOOK PUBLICATIONS			
Sl. No	Name of the faculty	Title of the book	Publication details (Publisher, ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. B Surekha	Intelligent decision support systems: applications in signal processing (frontiers in computational intelligence)	De Gruyter, ISBN: 9783110618686, 2019 https://www.degruyter.com/view/product/509935?format=G
BOOK CHAPTER PUBLICATIONS			
Sl. No	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Secrecy capacity of symmetric keys generated by quantizing channel metrics over a fading channel	Inventive Computation Technologies , Springer, pp 404-413,2019 https://link.springer.com/chapter/10.1007/978-3-030-33846-6_45 https://www.scopus.com/authid/detail.uri?authorId=57192552807
JOURNAL PUBLICATIONS			
Sl. No	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Shop floor to cloud connect for live monitoring the production data of CNC machines	International Journal of Computer Integrated Manufacturing, Vol. 33, No. 2, pp 142-158, 2020, ISSN: 0951-192X, DOI: 10.1080/0951192X.2020.1718762 https://mjl.clarivate.com/search-results https://www.scimagojr.com/journalsearch.php?q=0951-192X https://www.scopus.com/sources.uri
2	Dr. P N Sudha	Power optimization in manet using topology management	Engineering Science and Technology, an International Journal, Vol.23, No.3, pp. 565-575, June 2020. Doi.org/10.1016/j.jestch.2019.07.008 [ISSN: 2215-0986]

			https://www.sciencedirect.com/science/article/pii/S2215098619302101#:~:text=The%20MANET%20system%20model%20is,if%20the%20nodes%20move%20randomly.UGC Approved
3	Dr. P N Sudha	Unmanned Underwater Vehicle for Monitoring Aquatic Ecosystem”	International Journal of Engineering Applied Sciences and Technology, Vol.4, No 11, pp 493-497, 2020 ISSN: 2455-2143, Impact Factor: 4.982
4	Dr. P N Sudha	Literature Survey on A Bore Well Rescue Bot	International Journal of Latest Engineering and Management Research, Vol 05, No 05. pp5-8, 2020, ISSN: 2455-4847, Impact Factor:2.545
5	Dr. P N Sudha	Rakshak – A Bore Well Rescue Bot	International Journal for research in Engineering Applications & Management, June 2020, Vol-06, No 03, ISSN: 2454-9150, Doi: 10.35291/2454-9150.2020.0440, Impact Factor: 5.686
6	Dr. P N Sudha	A literature survey on unmanned water vehicle for monitoring aquatic eco system	International Journal of Engineering and Applied Sciences and Technology Vol-5, No2, pp 599-601,2020, ISSN:2455-2143, Impact Factor: 4.982
7	Dr. B Surekha	Edge detection and contour- based ear recognition scheme	Journal of Information Technology Research, Vol.12, No .3, pp. 74-92, 2019. DOI: 10.4018/JITR.2019070105 ISSN: 1938-7857 https://www.scimagojr.com/journalsearch.php?q=19700201308&tip=sid&clean=0
8	Dr. SangappaS.B	Medicines Any Time	International Research Journal of Engineering and Technology, Vol.07, No. 07, pp-2510-2513,2020, e-ISSN:2395-0056, Impact Factor: 7.529
9	Dr. SangappaS.B	Medicines Any Time	Journal of Applied Science and Computations, Vol.07, No.05 pp50-53, 2020, ISSN:1076-5131, Impact Factor: 5.8
10	Dr. B. Sudharshan	A Survey on Automation of Manually operated Devices	International Research Journal of Engineering and Technology, Vol.07, No.02, pp1298 - 1300, 2020, e-ISSN: 2395-0056 Impact Factor:7.529.
11	Dr. B. Sudharshan	Smart Electricity Monitoring for Home Appliances	International Research Journal of Engineering and Technology, Vol.07, No.06, pp1244-1249,2020, e-ISSN:2395-0056, Impact Factor: 7.529
12	Mr. Santhosh Kumar	On-Board Aircraft Ultrasonic Bird	International Journal of Engineering Applied Sciences and Technology,

		Repeller	Vol.05, No. 3, pp- 208-224,2020, ISSN:2455-2143, Impact Factor: 4.982
13	MrsVishalini Diwakar	Survey Paper on Power Generaion Using Piezo Electric Material	International Research Journal of Engineering and Technology, Vol.07, No.05, pp 5137-5141,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
14	MrsVishalini Diwakar	Operation Theatre Automation and control (OTAC)	International Research Journal of Engineering and Technology, Vol.07, No.06, pp: 1244 - 1248,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
15	Mrs. Jayasudha B S K	Implementation of off-Hospital Rural and Urban Public Access Defibrillator	Perspectives in Communication Embedded- systems and Signal-Processing, Vol.4, No.6, pp: 229-233,2020, ISSN:2566-932X.
16	Mrs. Jayasudha B S K	Implementation of an off-Hospital Rural and Urban Public Access Defibrillator	International Research Journal of Engineering and Technology, Vol.07, No. 02, pp.1 -6, 2020, ISSN: 2395-0072, Impact Factor: 7.34
17	Mrs. Jayasudha B S K, Dr P.N Sudha	A Survey on Detection of Ventricular Fibrillation using Wavelet Analysis	International Research Journal of Engineering and Technology, Vol.07, No.06, pp.1 -3, 2020, ISSN: 2395-0072, Impact Factor: 7.59
18	Mr. Sampath Kumar S	Swarm Robotics for Agriculture	International Research Journal of Engineering and Technology, Vol. 07, No 2, pp. 330-332,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
19	Mr. Sunil Kumar G. R	Citrus Fruit Classification	International Journal of Research in Engineering, Science and Management, Vol. 03, No.7, pp. 330-332, 2020, ISSN(Online): 2581-5782, Impact Factor: 4.308
20	Mrs. Sangeetha V	Segregation of waste – A survey	International Research Journal of Engineering and Technology, Vol. 07, No. 2, pp. 384-386, 2020, e-ISSN:2395-0056, Impact Factor: 7.529
21	Mrs. Sangeetha V	A Survey on various methodologies used to detect gas leakage and Automatic booking system	International Research Journal of Engineering and Technology, Vol. 07, No. 2, pp. 1478-1479, 2020, e-ISSN: 2395-0056, Impact Factor: 7.529
22	Mrs. Sangeetha V	Analysis of Bit Error Rate on M-array QAM over Gaussian and Rayleigh Fading Channel	International Journal of Innovative Technology and Exploring Engineering Vol.09, No. 6, pp-482-485,2020 ISSN:2278-3075. https://www.scimagojr.com/journalsearch.php?q=2278-3075

			https://www.scopus.com/sources.uri
23	Mrs. Sangeetha V	Automatic Segregation of Waste Using Robotic Arm	International Journal of Engineering and Technology, Vol.07, No. 07, pp 1-7, e-ISSN:2395-0056 p-ISSN:2395-0072
24	Mr. Praveen A	A Literature Survey on Miniature water purifier Based on IOT	International Journal of Engineering Applied Sciences and Technology, Vol.05, No.3, pp 228-330, e-ISSN:2455-2143, Impact Factor: 4.982
25	Mr. Praveen A	Unified Meter for Electricity, Gas and Water with Automatic Billing and Payment	International Research Journal of Engineering and Technology, Vol. 07, No..05, pp. 3755-3757,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
26	Mr. Christo Jain S	Design of Portable classroom Attendance system and parking lot system including the database updating process based on Arduino and Fingerprint Biometry	Journal of Applied Sciences and Computations, Vol. 07, No.3, pp. 12-16,2020, ISSN: 1076-5131, Impact Factor: 5.8
27	Mr. Saleem S Tevaramani	Automatic Ration Distribution	Journal of Applied Science and Computations, Vol.07, No.5, pp: 54-58,2020, ISSN: 1076-5131, Impact Factor: 5.8
28	Mr. Saleem S Tevaramani	Implementation of Bit Interleaves used in Flexible Modulation	International Research Journal of Engineering and Technology, Vol. 07, No.01, pp. 3942-3947,2020, e-ISSN: 2395-0056, Impact Factor: 7.529
29	Mr. Saleem S Tevaramani	Bit interleaves for flexible modulation scheme	Journal of Applied Sciences and Computations, Vol. 07, No 1, PP. 18-20, 2020, ISSN: 1076-5131, Impact Factor: 5.8
30	Mrs. Pragati P	Gyro-assisted multi terrain rover	International Journal of Electronics Engineering, Vol.11 No .2 pp. 493- 498 2019, ISSN: 0973-7383
31	Mrs. Sahana Salagare	Applications and Research Challenges of Underwater Communication Devices A Review	International Journal of Electronics and Communication Engineering Vol.7 No. 2, pp 1-2,2020, ISSN: 2348-8549
32	Mrs. Aruna Rao B P	A comprehensive study of input output	International Journal of Engineering Development and Research, Vol. 7, No. 3, pp 357-364,2019 ISSN: 2321-9939,

		[IO]functionalities of contemporary IO	Impact Factor: 7.37
33	Mrs. Aruna Rao B P	Village 3.0	Journal of Applied Science and Computation, Vol.6, No. 12, pp 19-26,2019, ISSN:1076-5131, Impact Factor:5.8
34	Mrs. Aruna Rao B P	Modern day washing machine	International Journal of Research in Engineering, Science and Management, Vol. 2, No. 11, pp 668-670, 2019, ISSN: 2581-5792, Impact Factor: 4.308
35	Mrs. Aruna Rao B P	Design of Functionalities of a Programmable High Speed I/O	Perspectives in Communication, Embedded-Systems, and signal – processing, International Journal, Vol.4, No. 2, pp1-5,2020, ISSN (Online): 2395-566x
36	Mrs. Aruna Rao B P	Smart Village	International Journal of Electronics and Communication Engineering, Vol 7, No.7, pp 4-13,2020, ISSN: 2348-8549
37	Mrs. Aruna Rao B P	FFT Computation for Butterfly Unit using Verilog HDL	Global Research and Development Journal for Engineering, Vol. 5, No.3, pp 17-20,2020, ISSN:2455-5703
38	Mrs. Shilpa Rao V	Electricity Generation at Speed Breakers	International Journal of Scientific Research and Engineering Trends Vol. 6, No.3, pp 1-5, 2020, ISSN(Online) : 2566-932X, Impact Factor: 2.504
39	Mrs. Bhargavi Ananth	Multi account embedded atm card with Fingerprint recognition	Journal of Applied Science and Computations, Vol.7, No.7, pp 188-190, 2020, ISSN: 1076-5131, Impact Factor:5.8
40	Mrs. K S Priyadarshini Patil A	Smart Voting System using Face Recognition	International Research Journal of Engineering and Technology, Vol 07, No.06, pp 311-314,2020, e-ISSN:2345-0056, Impact Factor: 7.529
INTERNATIONAL CONFERENCE PUBLICATIONS			
Sl. No	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC Indexed Link, No. of Citations
1	Dr. P N Sudha	Secrecy capacity of symmetric key generated by quantizing channel metrics over a fading channel	4th International Conference on Inventive Computation Technologies ICICT-2019, Coimbatore, India 29th- 30th August 2019 ISSN: 2367- 3370, https://link.springer.com/chapter/10.1007/978-3-030-33846-6_45

2	Dr. B Surekha	Secured anti-piracy screen	3rd International Conference on Intelligent Computing and Communication (ICICC-2019), Dayananda Sagar University, 7th-8th June 2019
3	Mr. Christo Jain	Proposal of Wireless Power Transfer System with array of Aerial for short distance application	International conference on Recent Trends in science and Technology ICRTST -2020, organized by ATME college of engineering, Mysuru held on 17th and 19th June 2020.
4	Mr. Christo Jain	Proposal of a cost-effective wireless power transfer system form solar using aerial technology	4th International conference on Trends in electronics and informatics (ICOEI), SCAD Collage of engineering ,15-17 June 2020, Tirunelveli,Tamilnadu https://ieeexplore.ieee.org/document/9142926
5	Mr. Sampath Kumar S	A Survey on machine learning enabled SWARM robots for Autonomous and Precision Agriculture	International Conference on Science, Engineering and Management, Jan 24th -25th, ISSN: 978-93-89107-71-5
6	Mrs. Aruna Rao B P	Design and modeling of input output functionalities of FPGA based IO block	Global Conference for Advancement in Technology, (GCAT-2019), Nagarjuna College of Engineering and Technology, Bangalore, India 18th-20th October 2019 ISBN: 978-1-7281-3694-3 https://ieeexplore.ieee.org/document/8978325
7	Mrs. Aruna Rao B P	Design and delay analysis of various 256-bit adders using Verilog	ICEECCOT 2019, 4th International Conference on Electrical, Electronics, Communication, Computer Technologies, and Optimization Techniques, GSSS Institute of Engineering and Technology for Women, Mysore on 13th -14th December 2019. ISBN: 978-7281-3261-7
8	Mrs. Aruna Rao B P	Design and implementation of 256*256 booth multipliers and its application	ICEECCOT 2019, 4th International Conference on Electrical, Electronics, Communication, Computer Technologies, and Optimization Techniques, GSSS Institute of Engineering and Technology for Women, Mysore on 13th - 14th December 2019. ISBN: 978-7281-3261-7
9	Mrs. Aruna Rao B P	High speed multipliers and complex summers	ICEECCOT 2019, 4th International Conference on Electrical, Electronics, Communication, Computer Technologies, and Optimization

			Techniques, GSSS Institute of Engineering and Technology for Women, Mysore on 13th - 14th December 2019. ISBN: 978-7281-3261-7
10	Mrs. Aruna Rao B P	Design and implementation of reversible computational circuits by creating libraries of basic gates using Verilog HDL	ICEECOT 2019, 4th International Conference on Electrical, Electronics, Communication, Computer Technologies, and Optimization Techniques, GSSS Institute of Engineering and Technology for Women, Mysore on 13th - 14th December 2019. ISBN: 978-7281-3261-7

**LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2018-19**

Details of research publications			
https://drive.google.com/drive/folders/1A0F8R5NPwlrtsBROYJuTi384k4h9E2S_?usp=s_haring			
BOOK PUBLICATIONS			
Sl. No.	Name of the faculty	Title of the book	Publication details (Publisher, ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. B Surekha	Satellite image analysis: clustering and classification	Springer briefs in applied sciences and technology, Springer, 2019, ISBN: 978-981-13-6424-2 ISSN: 2191-530x https://www.springer.com/gp/book/9789811364235#otherversion=9789811364242 https://www.scimagojr.com/journalsearch.php?q=21100321695&tip=sid&clean=0 Citations: 1
2	Dr. B Surekha	Digital image watermarking: theoretical and computational advances	CRC press, Taylor & Francis group, 2018 ISBN 9781138390638 https://www.routledge.com/Digital-Image-Watermarking-Theoretical-and-Computational-Advances/Borra-Thanki-Dey/p/book/9781138390638 Citations: 5
3	Dr. B Surekha	Medical big data and internet of medical things: advances, challenges, and applications	CRC press, Taylor & Francis, 2018, ISBN: 9781138492479 https://www.routledge.com/Medical-Big-Data-and-Internet-of-Medical-Things-Advances-Challenges-and/Hassanien-Dey-Borra/p/book/9781138492479
4	Dr. B Surekha	Machine learning	Elsevier, Netherlands, 2018, ISBN:

		in bio-signal analysis and diagnostic imaging	9780128160879 https://www.elsevier.com/books/machine-learning-in-bio-signal-analysis-and-diagnostic-imaging/dey/978-0-12-816086-2 https://www.scimagojr.com/journalsearch.php?q=21100202159&tip=sid&clean=0
5	Dr. P Joy Prabhakaran	Novel techniques for multi-resolution imaging	Lambert academic publishing, 2019, ISBN-13: 978-613-9-46002-1 https://www.lap-publishing.com/catalog/details//store/gb/book/978-613-9-46002-1/novel-techniques-for-multi-resolution-imaging
BOOK CHAPTER PUBLICATIONS			
Sl. No	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. B Surekha	Security of biometric and biomedical images using sparse domain-based watermarking technique	Handbook of multimedia information security: techniques and applications, pp 209-232, 2019, ISBN: 978-3-030-15887-3 https://link.springer.com/chapter/10.1007/978-3-030-15887-3_9
2	Dr. B Surekha	Application of machine learning algorithms for classification and security of diagnostic images	Machine learning in bio-signal analysis and diagnostic imaging, chapter 11, academic press, Elsevier ltd., 2018, pp.273-292, and 2018, ISBN 978-0-12-816086-2 https://www.sciencedirect.com/science/article/pii/B9780128160862000114
3	Dr. B Surekha	Real-time facial recognition using deep learning and local binary patterns	Proceedings of international ethical hacking conference 2018, Springer series on advances in intelligent systems and computing, Vol.811, pp.331-347, 2018, ISBN: 978-981-13-1543-5 https://link.springer.com/chapter/10.1007/978-981-13-1544-2_27 https://www.scopus.com/sourceid/5100152904
4	Dr. B Surekha	Watermarking techniques for copyright protection of texts in document	Cryptographic and information security approaches for images and videos, chapter 12, CRC press, Taylor and Francis group, pp. 323-352, 2018, ISBN: 978-1-1385-6384-1 https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-12

5	Dr. B Surekha	Compressive sensing in color image security	Cryptographic and information security approaches for images and videos, chapter 8, CRC press, Taylor and Francis group.pp.211-244, 2018, ISBN: 978-1-1385-6384-1 https://www.taylorfrancis.com/books/9780429435461/chapters/10.1201/9780429435461-8
6	Dr. B Surekha	Social networking in web-based movie recommendation system	Social networks science: design implementation security and challenges, chapter 2, Springer international publishing pp. 24-45, 2018, e-ISBN: 978-3-319-90059-9. https://www.springerprofessional.de/en/social-networking-in-web-based-movie-recommendation-system/15854650

JOURNAL PUBLICATIONS

Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. P N Sudha	Fisheye state protocol in correlation with power consumption in AD-HOC networks	International Journal of Applied Engineering Research, Vol. 13, No. 17, pp. 13335-13339, 2018 ISSN:0973-4562 https://www.ripublication.com/ijaer.htm (UGC approved journal - 2017 journal no. - 64529), https://www.scimagojr.com/journalsearch.php?q=21100217234&tip=sid&clean=0
2	Dr. P N Sudha	Physical layer secret symmetric key generation and management techniques for wireless systems- a study	Journal of Applied Science and Computations, Vol.6, No.2, pp.136-141, Feb 2018 ISSN: 1076-5131 http://j-asc.com/ (UGC approved journal- 41238 till-june-2019) Impact factor: 5.8
3	Dr. P N Sudha	IOT based camouflage robot	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 3, pp 2614-2619, 2019, ISSN:2349-5162 http://www.jetir.org/ Impact factor: 5.87
4	Dr. P N Sudha	Watchdog for ATM	Journal of Applied Science and Computations, Vol. 6, No .4, pp 2965-2967, 2019, ISSN: 1076-5131 http://j-asc.com/ (UGC approved journal- 41238 till-june-2019),

			Impact factor :5.8
5	Dr. P N Sudha	IOT based camouflage army robot	Journal of Applied Science and Computations, Vol. 6, No. 5, pp 2614-2619, 2019, ISSN:1076-5131. http://j-asc.com/ (UGC approved journal- 41238 till-june-2019). Impact factor :5.8
6	Dr. B Surekha	A FRT - SVD based blind medical watermarking technique for telemedicine applications	International Journal of Digital Crime and Forensics, Vol. 11, No. 2, pp. 13-33, 2019, ISSN: 1941-6210, EISSN: 1941-6229 https://www.scimagojr.com/journalsearch.php?q=19700186847&tip=sid&clean=0 https://mjl.clarivate.com/journal-profile https://www.igi-global.com/article/a-frt---svd-based-blind-medical-watermarking-technique-for-telemedicine-applications/223939 https://www.scopus.com/sourceid/19700186847 UGC Approved
7	Dr. B Surekha	Fragile watermarking for copyright authentication and tamper detection of medical images using compressive sensing (CS) based encryption and contourlet domain processing	Multimedia Tools and Applications, Vol.78, No.10, 2019, pp. 13905-13924, Springer, [ISSN: 1380-7501] WoS2018 Journal Impact Factor 2.101 https://www.scimagojr.com/journalsearch.php?q=19400156805&tip=sid&clean=0 WoS 2018 Journal Impact Factor2.101 https://link.springer.com/article/10.1007/s11042-018-6746-2 , UGC Approved
8	Dr. B Surekha	Crypto water marking scheme for tamper detection of medical images	Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, [In Press] ISSN: 2168-1163, Doi.org/10.1080/21681163.2019.1595730 https://www.scimagojr.com/journalsearch.php?q=21100773821&tip=sid&clean=0 https://mjl.clarivate.com/journal-profile https://www.tandfonline.com/doi/abs/10.1080/21681163.2019.1595730?journalCode=tciv20 https://www.scopus.com/sourceid/21100773

			821 UGC Approved
9	Dr. B Surekha	Ambulatory peritoneal dialysis (CAPD) assistive device	Journal of emerging technologies and innovative research, Vol. 6, No .5, pp. 164-167, 2019, ISSN: 2349-5162.
10	Dr. Sangappa S B	Automated shopping trolley for billing system	International Journal of Advance Research, Ideas and Innovations in Technology, Vol. 5 No. 2, pp 1858-1861,2019, ISSN: 2451-132x
11	Dr. B Sudarshan	Hand gesture recognition and voice con version systems for physically impaired people	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 4, pp 890-894,2019, ISSN:2349-5162.
12	Dr. B Sudarshan	Survey on object recognition techniques using machine learning	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 4, pp 247-250, 2019, ISSN: -2349-5162.
13	Dr. B Sudarshan	Visual object recognition using tensor flow	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 5, pp 369-372, 2019, ISSN: -2349-5162.
14	Mr. Santhosh Kumar B R	Dustless environment	Journal of Emerging Technologies and Innovative Research, Vol. 6, No .4, pp 66-69, 2019, ISSN: -2349-5162.
15	Mr. Santhosh Kumar B R	Automatic and manual floor cleaning robot	Journal of Emerging Technologies and Innovative Research, Vol.6, No .5, pp 141-143, 2019, ISSN: -2349-5162.
16	Mrs. Vishalini Divakar	RFID based prepaid energy meter	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 5, pp 557-560, 2019, ISSN:2349-5162.
17	Mrs. Vishalini Divakar	A survey on security device for women and kids' safety	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 5, pp 88-93, 2019, ISSN:2349-5162.
18	Mrs. Jayasudha B S K	Ceres – an autonomous and versatile agriculture robot	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No. 4, pp 727-732, 2019, ISSN: 2321-9653
19	Mrs. Jayasudha B S K	Forest monitoring	Journal of Emerging Technologies and Innovative Research, Vol. 9, 2019, ISSN: 2349-5162
20	Mrs. Jayasudha B S K	Ecology monitoring	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 4, pp 44-48, 2019, ISSN: -2349-5162.
21	Mrs. Jayasudha B S K	Women safety devices and applications	International Journal of Engineering Research & Technology, Vol. 7 No .7, pp 175-178, 2018, ISSN:2278-0181

22	Mr. Sampath Kumar S	Recent trends in automotive industry	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No 4, pp 1027-1031, 2019. ISSN: 2321-9653., Impact factor: 6.887
23	Mr. Sunil Kumar G R	Food monitoring and control system using internet of things	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No .4, 2019, ISSN: 2321-9653. Impact factor: 7.177
24	Mr. Sunil Kumar G R	Hybrid power generation	Journal of Emerging Technologies and Innovative Research, Vol. 6, No .5, pp 644-646, 2019, ISSN: -2349-5162.
25	Mrs. Sangeetha V	A survey on various methodologies used for conservation of forest trees	Journal of Emerging Technologies and Innovative research, Vol. 4, No. 6, pp 93-95, 2019, ISSN:2349-5162
26	Mrs. Sangeetha V	Different technologies used for sericulture field: A survey	Journal of Emerging Technologies and Innovative Research, Vol. 6, No .5, pp 72-74, 2019, ISSN: 2349-5162.
27	Mrs. Sangeetha V	Anti-theft alarm system for forest trees using WSN	Journal of Emerging Technologies and Innovative Research, Vol. 6, No .5, pp 88-91, 2019, ISSN: 2349-5162.
28	Mr. Praveen A	Smart guide at museum	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 4, pp 416-418, 2019, ISSN:2349-5162.
29	Mr. Christo jain	A survey on electronic valve with quantitative control and to avoid reverse flow of blood	Journal of Emerging Technologies and Innovative Research, Vol. 6, No. 4, pp 131-134, 2019, ISSN: 2349-5162.
30	Mr. Saleem S Tevaramani	Ethical Driving System	Journal of Emerging Technologies and Innovative Research, Vol .6, No. 6, pp 76-83, 2019, ISSN:2349-5162
31	Mr. Saleem S Tevaramani	Advanced driver scrutiny system	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No. 4, pp 147-152, 2019. ISSN: 2321-9653
32	Mrs. R Nithya Kumari	Smart voting system	International Research Journal of Engineering and Technology, Vol. 06, No.05, pp 5637-5644, 2019, EISSN: 2395-0056.
33	Mrs. Pragati P	Smart greenhouse monitoring system	Journal of Emerging Technologies and Innovative Research, Vol.4, No. 6, pp 112-115, 2019, ISSN: -2349-5162
34	Mrs. Pragati P	Plant Identification Methodologies	Journal of Emerging Technologies and Innovative Research, Vol. 8 No. 03, 2019, ISSN: -2349-5162

		using Machine Learning Algorithms	
35	Mrs. Sahana Salagare	Survey on research challenges and applications of unmanned marine robot	International Journal of Creative Research Thoughts, Vol. 6, No 1, pp. 1-4,2019, ISSN:2320-2882, Impact factor: 5.97
36	Mrs. Sahana Salagare	Solar powered unmanned marine robot using radar system	International Journal of Engineering Research & Technology, Vol. 8, No. 05, pp 100-102, 2019, ISSN:2278-018
37	Mrs. Lakshmi H R	A survey on robotic applications in surveillance and rescue – aid	International Journal for Research in Applied Science & Engineering Technology, Vol. 7 No 4, pp 211-214, 2019, ISSN: 2321-9653
38	Mrs. Lakshmi H R	Biomorphic hyper-redundant robot for disaster surveillance	Journal of Emerging Technologies and Innovative Research, Vol.6, No .5, pp 432-436, 2019 ISSN: -2349-5162,
39	Mrs. Aruna Rao B P	A survey on raspberry pi-based reader and smart assistance for visually impaired people	International Journal of Current Research, Vol. 11, No. 04, pp 2794-2798, 2019, ISSN: 0975-833x, Impact factor: 7.749
40	Mrs. Veda B	Smart ambulance with patient monitoring-A survey	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 4, pp 511-513, 2019, ISSN: -2349-5162,
41	Mrs. Bhargavi Ananth	Smart cargo monitoring and security system	Journal of Emerging Technologies and Innovative Research, Vol.6, No .4, pp 197-200, 2019, ISSN:2349-5162.
42	Mrs. Bhargavi Ananth	Smart electronic security system for cargo containers	Journal of Emerging Technologies and Innovative Research, Vol.6, No. 5, pp. 433-440, 2019, ISSN:2349-5162,
INTERNATIONAL CONFERENCE PUBLICATIONS			
Sl . No.	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC, Indexed Link, No. of Citations
1	Dr. P N Sudha	Power-cognizant proactive routing protocol for amending energy in Adhoc	International Conference on Datasceinces, Machine Learning and Applications, ICDSMLA 2019, CMR Institute of Technology, Hyderabad, 29th-30th March 2019

		networks	
2	Dr. P N Sudha	Live production data monitoring system to support industry 4.0 Scenario	4th International Conference on Science and Technology for Society ICSTS-2019, EWIT, Bangalore, 13th -15th May 2019
3	Mrs. Lakshmi H R	Study and simulation of digital multipliers using 180nm technology	International Conference on Applied Engineering Sciences and Management (ICAEM-18)
4	Mrs. Sahana Salagare	Survey on energy harvesting system for underwater devices	International Conference on Applied Engineering Sciences and Management

NATIONAL CONFERENCE PUBLICATIONS

Sl. No.	Name of the faculty	Title of the paper	Title of conference, place, date, ISSN:/ISBN
1	Mr. Sampath Kumar S	Artificial intelligence based solar vehicle	International conference on Recent Trends in Electrical, Electronics, Telecommunication, Instrumentation, Medical Electronics and Physics (ICRTEETIMP-2020)

5.7.1.B Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute (4)

Institute Marks: 4

The faculty of the ECE department are actively engaged in research in the areas of Electronics and Communication Engineering, Signal Processing, Cryptography, Machine Learning and VLSI Technologies.

- 3 Faculty members are guiding 11 Ph.D. scholars
- 5 Faculty members have doctoral degrees.
- 12 Faculty members are pursuing Ph.D. in various universities.

Table 5.7.1.2-a: Ph.D. guided during the assessment period while working in the Institute

Sl. No.	Name of the Guide	Name of the Scholar	Title of Thesis	University	Year of completion
1	Dr.PN Sudha	Devika B	Optimizing Power in Ad hoc Networks	VTU	August 2020

Table 5.7.1.2-b: Ph.D. Ph.D. awarded during the assessment period while working in the Institute

Sl. No.	Name of the Faculty	Title of Thesis	University	Year of completion
1	Joy Prabhakaran P	Novel Techniques in Image Zooming and Hierarchical Multi Resolution Image Representation	IIIT-B	July 2018
2	B Sudarshan	Analysis of Content Organization and Retrieval in Graded Memory	JAIN	Jan 2018

Table 5.7.1.2-c: Ph.D. guidance during the assessment period while working in the Institute

	Faculty Guiding PhD	Sl. No.	Name of the Research Scholar	Year of Registration	Course Work [Y/N]	Comprehensive Viva	Awarded/Submitted Final Thesis [Y/N]
1	Dr. P N Sudha	1	Mrs. Devika. B	Dec 2014	Y	Y	Awarded
		2	Mrs. Sri Vidya L	Dec 2014	Y	Y	N
		3	Mrs. Sangeetha. V	Dec 2015	Y	Y	N
		4	Mrs. Prathima B A	Dec 2015	Y	Y	Submitted
		5	Mrs. Jayasudha BSK	Jan 2017	Y	Y	N
		6	Mrs. Sahana Salagare	May 2017	Y	N	N
2	Dr. B Surekha	1	Mrs. Lakshmi H R	Dec 2015	Y	Y	N
		2	Mrs. Renuka V Tali	Jan 2017	Y	Y	N
		3	Mr. Venkata Kranthi B	Jan 2017	Y	N	N
		4	Mrs. Ambika	Mar 2019	N	N	N
3	Dr. B. Sudarshan	1	Mr Chandra Naik G	June 2019	N	N	N

Table 5.7.1.2-d: Status of department faculty pursuing PhD in ECE Department R & D Centre

Sl. No.	Name of the Research Scholar	University	Year of Registration	Course Work [Y/N]	Comprehensive Viva [Y/N]	Submitted Final Thesis
1	Mrs.	VTU	Dec 2015	Y	Y	N
2	Mr. Sampath	VTU	Dec 2015	Y	Y	N
3	Mrs.	VTU	Jan 2017	Y	Y	N
4	Mr. S	VTU	Jan 2017	Y	N	N
5	Mrs. Sahana	VTU	May 2017	Y	N	N
6	Mr.	VTU	May 2017	N	N	N

Table 5.7.1.2-d: Status of department faculty pursuing PhD in other R & D centres/ Universities

Sl. No.	Name of the Research Scholar	University	Year of Registration	Course Work [Y/N]	Comprehensive Viva [Y/N]	Submitted Final Thesis
1	Mr. Saleem S	VTU	Feb 2017	Y	Y	N
2	Mrs. Pooja S	VTU	July 2017	Y	Y	N
3	Mrs. Vishalini Divakar	Jain University	Dec 2014	Y	Y	N
4	Mr. Praveen A	Jain University	Aug 2019	Y	N	N
5	Mrs Pragati P (Moved to SJBIT R & D Center on June 2020)	VTU	Jan 2017	Y	N	N
6	Mrs. Aruna Rao.B. P (Moved to DSCE R & D Center on June 2021)	VTU	Dec 2014	Y	Y	N

5.7.2 Sponsored Research (5)
2019-20 (CAYm1)

Institute Marks: 2

Project Title	Duration	Funding Agency	Amount
Development of Bioinspired Algorithms for Real Time Piracy Detection Systems based on Thermo gram Analysis	1 Year	Research Grant for Scientists/Faculty RGS/F), VGST, Government of Karnataka	3,00,000/-

Automatic Segregation of Waste Using Robotic Arm	6 months	KSCST SSP-43 Series	4500/-
RAKSHAK - A Bored Well Rescue Bot	6 months	KSCST SSP-43 Series	5500/-
		Total Amount (X)	3,10,000/-

2018-19 (CAYm2)

Project Title	Duration	Funding Agency	Amount
Artificial intelligence based solar vehicle	6 months	KSCST SSP-42 Series	8000/-
Design of an Economic and Portable Continuous Ambulatory Peritoneal Dialysis (CAPD) Assistive Device	6 months	VTU Financial Assistance for Innovative Projects of Final Year UG Students	5000/-
Biomorphic hyper redundant robot for disaster surveillance	6 months	VTU Financial Assistance for Innovative Projects of Final Year UG Students	5000/-
		Total Amount (Y)	18,000/-

2017-18 (CAYm3)

Project Title	Duration	Funding Agency	Amount
Design and Development of Bio-Inspired Algorithms for Confidential Medical Image Communication	1 Year	Seed Money to Young Scientists for Research (SMYSR), VGST, Government of Karnataka	5,00,000/-
Smart water irrigation system for even distribution of water with leakage detection and correction	6 months	VTU Financial Assistance for Innovative Projects of Final Year UG Students	5000/-
Smart tool kit for visually impaired	6 months	VTU Financial Assistance for Innovative Projects of Final Year UG Students	5000/-
Body Area Network (BAN) based Smart Security Card System	6 months	KSCST SSP-41 Series	5000/-
		Total Amount (Z)	5,15,000/-

Cumulative Amount (X+Y+Z)= 8,43,000

Assessment=2 Marks

5.7.3. A. Product Development

Institute Marks: 10

Apart from the products/prototypes developed by the students as part of their miniprojects and main projects, the faculty members of the department are collaborating with organizations like IIIT Hyderabad, IIIT Bangalore, Mitara consulting services, Acsia Technologies (P) Ltd. and many more for product development. Following are the details of the products developed by the department faculty:

Table 5.7.3.A.-a: Product Development

Sl. No.	Faculty Name	Product Name
1	Dr Joy Prabhakaran	Enhanced Processing of field images for tele-screening of ROP (Retinopathy of Prematurity)
2	Dr Joy Prabhakaran	Analysis of internet video quality (software)
3	Dr Joy Prabhakaran	CCIngest- Method and System for Content and Consumption Aware, Adaptive Bitrate Streaming of Videos Patent Application No.: 201841001030

5.7.3. B. Research Laboratories

The ECE department has an R & D Center affiliated to Visveswaraya Technological University (VTU). The R & D Centre is empowered with **6 Research Guides** and **17 Research Scholars**, actively engaged in research in the areas of Electronics and Communication Engineering, Signal Processing, Cryptography, Machine Learning and VLSI Technologies.

- R & D Laboratory is well equipped with Wifi facility, uninterrupted power supply of 40KVA, capacity, internet connectivity of 50Mbps speed and Dlink router.
- The Lab also has Xilinx FPGA Evaluation kit, DSP Starter kit, which helps students to carry out the project work.

Table 5.7.3.B-a: System Specifications in R & D Center

Total No. of Computers-10	
Computer Specification (5)	
Company Name	HP
CPU Model	HP 280 G2MT
Processor	Intel Core i5
Speed	3.2 GHz
RAM	4 G B

Hard Disk	500GB
Monitor	LED 18.5 inches
Computer Specification (5)	
Company Name	Lenovo
CPU Model	M81
Processor	Intel Core i5
Speed	3.1 GHz
RAM	4 GB
Hard Disk	320GB
Monitor	LED 18.5 inches
Workstation 1 - VGST GRD-608	
Company Name	Dell
CPU Model	Dell workstation T430
Processor	Intel Xeon
Speed	1.7Ghz
RAM	8GB
Workstation 2 - VGST GRD-907	
Company Name	Dell
CPU Model	Dell Precision 3640 Workstation
Processor	Intel Core i7
Speed	2.9GHz
RAM	16GB

Table 5.7.3.B-b: Hardware in R&D Laboratory:

Sl. No.	Hardware	Quantity
1	Raspberry Pi kit	1
2	Spectrum Analyzer	1
3	Microcontroller 8051 kit	2
4	Arduino UNO	1
5	Function Generator	2
6	CRO	2
7	Galileo board	100
8	DSP Starter Kit	5
9	XILNX Zynq-7000	2
10	FLIR C5 Thermal Camera	1

Table 5.7.3.B-c: Software in R&D and Project Laboratories

Sl. No.	Software / OS used	Open source/Licensed
1	Windows 8.1 / 10	Licensed
2	Cadence	Licensed
3	MATLAB -2019-B	Licensed
4	LabVIEW	Licensed
5	MASM	Open source
6	Ubuntu	Open source
7	Arduino	Open source
8	Proteus	Open source
9	Raspberry Pi	Open source
10	Keil	Open source
11	NS2-Simulator	Open Source
12	Spice	Open Source
13	Multisim	Open Source
14	Code Block	Open Source
15	EDA	Open Source
16	VMware	Open source

Table 5.7.3.B-d: E-Resources

Sl. No.	e-Resources
1	Elsevier-Science Direct e-Journals
2	Springer Nature e-Journals
3	Taylor and Francis e-Journals
4	Emerald (Management) e-Journals
5	Net Analytik (Sententia-tool)
6	K-Nimbus (Digital Library Platform and Remote Access Solution)
7	Turnitin (similarity check tool)

Table 5.7.3.B-e: Ph.D. Awarded under ECE R & D Centre, KSIT, Affiliated to VTU

Sl. No.	Name of the Guide	Name of the Scholar	Title of Thesis	University	Year of completion
1	Dr.PN Sudha	Devika B	Optimizing Power in Ad hoc Networks	VTU	August 2020

Table 5.7.3.B-f: Ph.D. Registrations under ECE R & D Centre, KSIT, Affiliated to VTU

Sl. No.	Year of Registration	Name of Scholar	Guide	Title
1	2014-15	Mrs. Rekha N	Dr. Fathima Jabeen	Noise cancellation in GSM logical channel using search algorithm
2	2014-15	Mrs. Devika B	Dr. P N Sudha	Optimization of power in ADHOC networks
3	2014-15	Mrs. Madhura R (Moved to DSCE R & D Center in June 2021)	Dr. Shanthi Prasad M J (Changed in June 2021)	A novel implementation of low power and overheads for SOC design scan architecture
4	2014-15	Mrs. Sri Vidya L	Dr. P N Sudha	Enhancing highly efficient joint source & channel coding techniques for wireless communication
5	2014-15	Mrs. Aruna Rao B. P (Moved to DSCE R & D Center in June 2021)	Dr. Shanthi Prasad M J (Changed in June 2021)	Development of next generation programmable high speed I/O
6	2015-16	Mrs. Hazel Philbert	Dr. Shanthi Prasad M J	FPGA based SOC-NOC Universal Bus Bridge
7	2015-16	Mrs. Sangeetha V	Dr. P N Sudha	A novel approach to minimize the effect of fading using adaptive channel coding and multi carrier modulation techniques
8	2015-16	Mr. Sampath Kumar S	Dr. Shanthi Prasad M J	Development of swarm intelligence for Seeding & irrigation process using Co-Operative algorithm
9	2015-16	Mrs. Prathima B A	Dr. P N Sudha	Development of measurement algorithms and communication protocols for automated inspection in closed loop manufacturing system
10	2015-16	Mr. Lakshmi H R	Dr. B Surekha	Content protection of digital images through lossless watermarking
11	2015-16	Mr. Yatheesh K C	Dr. Shanthi Prasad M J	Low power ternary content-addressable memory design
12	2016-17	Mrs. Pragati	Dr. B	Automatic detection and estimation

		P (Moved to SJBIT R & D Center in June 2020)	Surekha (Changed in June 2020)	of plant leaf diseases based on hybrid machine learning approaches for precision agriculture
13	2016-17	Mrs. Jayasudha B S K	Dr. P N Sudha	Embedding smart power aware biosensors for monitoring, communicating and multiscale processing of physiological signals
14	2016-17	Mrs. Sahana Salagare	Dr. P N Sudha	Design and development of auto charging System for wireless sensor node used in underwater sensor node
15	2016-17	Mr. Santosh kumar B R	Dr. Manju VC	Development of customized platform for heterogenous low power motes using CONTIKI to build remote applications
16	2016-17	Mrs. Renuka V Tali	Dr. B Surekha	Intelligent white blood cells classification in microscopic blood smear images using optimum machine learning techniques
17	2016-17	Mr. S Christo Jain	Dr. Manju VC	Real time smart WPT system for small scale application using aerial Projector
18	2016-17	Mr. Venkata Kranthi B	Dr. B Surekha	Human tracking and re-identification for automation of video surveillance systems
19	2018-19	Mrs. Ambika Annavarapu	Dr. B Surekha	Intelligent classification of satellite images using hybrid machine learning techniques
20	2018-19	Mr. Chandra Naik G	Dr. B Sudarshan	Hybrid encryption technique for enhancement of image security

Table 5.7.3.B-g: Status of Research Scholars

Sl. No.	Guide	Name of the Research Scholar	Year of Registration	Course Work [Y/N]	Comprehensive Viva [Y/N]	Submitted Final Thesis [Y/N]	PhD Awarded
1	Dr. Fathima Jabeen	Mrs. Rekha N	Dec 2014	Y	Y	Y	Y
2	Dr. P N Sudha	Mrs. Devika B	Dec 2014	Y	Y	Y	Y

3	Dr. P N Sudha	Mrs. Sri Vidya L	Dec 2014	Y	Y	N	N
4	Dr. Shanthi Prasad M J	Mr. Yatheesh K C	Dec 2014	Y	Y	N	N
5	Dr. P N Sudha	Mrs. Sangeetha V	Dec 2015	Y	Y	N	N
6	Dr. P N Sudha	Mrs. Prathima B A	Dec 2015	Y	Y	Y	N
7	Dr. Shanthi Prasad M J	Mr. Sampath Kumar S	Dec 2015	Y	Y	N	N
8	Dr. Shanthi Prasad M J	Mrs. Hazel Philbert	Dec 2015	N	N	N	N
9	Dr. B Surekha	Mrs. Lakshmi H R	Dec 2015	Y	Y	N	N
10	Dr. P N Sudha	Mrs. Jayasudha B S K	Jan 2017	Y	Y	N	N
11	Dr. B Surekha	Mrs. Renuka V Tali	Jan 2017	Y	Y	N	N
12	Dr. Manju V C	Mr. S Christo Jain	Jan 2017	Y	N	N	N
13	Dr. B Surekha	Mr. Venkata Kranthi B	Jan 2017	Y	N	N	N
14	Dr. P N Sudha	Mrs. Sahana Salagare	May 2017	Y	N	N	N
15	Dr. Manju V C	Mr. Santhosh Kumar B R	May 2017	N	N	N	N
16	Dr. B Surekha	Mrs. Ambika Annavarapu	Mar 2019	N	N	N	N
17	Dr. B Sudarshan	Mr. Chandra Naik G	June 2019	N	N	N	N

5.7.3. C Instructional materials

Lecture notes, E-notes, PPTs, teaching aids, expert lectures and videos for every subject are made available on google drives and the links are made available on the college website for reference by the students and other faculty.

Instructional Materials**Youtube Uploads Information**

https://drive.google.com/drive/folders/148oQWj4Jng1PyX51OYG_50t7LeP13gMg?usp=sharing

Instructional Materials

- Academic Year: 2020-21

<https://drive.google.com/drive/folders/14PWnypAONE3cAPsIIqPCwIxrstqaASv?usp=sharing>

- Academic Year: 2019-20

<https://drive.google.com/drive/folders/1kNQvwEHRcOeZIHn9R7PqxJAEcwme5P2V?usp=sharing>

- Academic Year: 2018-19

<https://drive.google.com/drive/folders/1EJ506Bahb2gu8-6J6nho-mkdQRVnFvPE?usp=sharing>

- Academic Year: 2017-18

<https://drive.google.com/drive/folders/1upuDT1ienMVD0MmDCLmORkAuwCqEz6VT?usp=sharing>

- Academic Year: 2016_17

<https://drive.google.com/drive/folders/1xbLgjAWdTpTqOzylBQXkN5Egrc-spjpp?usp=sharing>

Lab Manuals

<https://drive.google.com/drive/folders/1imoQRURuC21vLOTk65YK3PeR5Ewj96xe?usp=sharing>

Table 5.7.3.C-a: List of lab manuals

Name of Faculty	Name of the Lab Manual	Subject Code
Mr. Sunil kumar G R	Hardware Descriptive Language Lab	18ECL58
Mrs.Jayasudha BSK	DSP Lab	18ECL57
Mrs. Pragati P	Analog Circuits Lab	18ECL48
Mr. Santhosh Kumar B R	Microcontroller Lab	18ECL47
Mr. Santhosh Kumar B R	Digital System Design lab	18ECL38
Mrs. Pragati P	Electronic Devices and Instrumentation lab	18ECL37
Mrs. Vishalini Divakar	Basic Electrical Engg. Lab	18ECL17/18ECL27
Mr.Praveen A	VLSI Lab	17ECL77
Mr.Saleem S Tevaramani	ADC Lab	17ECL76
Mr. Praveen A	Computer Networks Lab	17ECL68
Dr. Sudharshan B	Embedded Controller Lab	17ECL67
Mr. Sunil kumar G R	HDL Lab	17ECL58

Mrs. Jayasudha B S K	Digital Signal Processing LAB	17ECL57
Mrs. Pragati P	Linear Integrated Circuits and Communication Lab	17ECL48
Mrs. Pragati P	Analog Electronics Lab	17ECL37

5.7.3. D Working models/charts/monograms etc.

Table 5.7.3.D-a: Working models/charts/monograms etc.

Name of Faculty	Working Model /charts/monograms	Title
Mr. Praveen A	Evolution of the Integrated Circuit	VLSI Lab Chart
Mr. Praveen A	Types of networks	Computer Network Lab Chart
Mr. Praveen A	Network models	Computer Network Lab Chart
Mr. Sunil Kumar G R	ARM controller Kit	Embedded Controller Lab Chart
Mr. Sunil Kumar G R	Nucleo-F103RB	Embedded Controller Lab Chart
Mrs. Vishalini Divakar	Resistor colour coding	Basic Electrical Engg. Lab Chart
Mrs. Vishalini Divakar	PVIR formula	Basic Electrical Engg. Lab Chart
Mrs. Vishalini Divakar	Basic electrical symbols	Basic Electrical Engg. Lab Chart
Mrs. Sangeetha V	Understanding basics of antenna	Advanced Communication Lab Chart
Mrs. Sangeetha V	Amplitude modulation	Advanced Communication Lab Chart
Mrs. Pragati P	Resistor colour coding	Analog Electronics Lab Chart
Mrs. Pragati P	555 timers (IC Chip)	Analog Electronics Lab Chart
Mr. Santhosh Kumar B R	Basic gates logic diagram	Digital Electronics Lab Chart
Mr. Santhosh Kumar B R	Analog voltage & digital voltage	Digital Electronics Lab Chart

5.7.4 Consultancy (from Industry) (5)
2019-20 (CAYm1)

Institute Marks: 3

Sl.No.	Project Title	Duration	Funding Agency	Amount
1.	Scope of service to co- ordinate the skill enhancing initiatives	5 months	Acsia Technologies (P) Ltd.	4,75,000/-
			Total Amount (X)	4,75,000/-

2018-19 (CAYm2)

Sl.No.	Project Title	Duration	Funding Agency	Amount
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1.	Mitara consulting services for subject matter expert (SME)	3 months	Mitara consulting services	50,000/-
2.	Scope of service to co-ordinate the skill enhancing initiatives	3 months	Acsia Technologies (P) Ltd	1,50,000/-
			Total Amount (Y)	2,00,000/-

2017-18 (CAYm3)

Sl.No.	Project Title	Duration	Funding Agency	Amount
NIL				
			Total Amount (Z)	0

Cumulative Amount: X+Y+Z)=6,75,000/-

5.8 Faculty Performance Appraisal and Development System (FPADS) (30)

Total Points: 30

A. A well-defined system for faculty appraisal for all the assessment years (10)

Institute Marks:10

The Management of KSIT appreciates and encourages the faculty for their services and achievements by

- Reimbursing part/ full of registration fee for participation in workshops/FDPs/STTPs
- Felicitating with certificate and cash award on receiving project funds
- Felicitating with certificate & cash award for achieving 100 % results
- Felicitating the faculty upon serving 10 years in KSIT

Feedback on faculty is collected twice a semester from the students, and is evaluated by the concerned faculty, HOD and Principal. If the feedback is less than 80 %, the concerned faculty is asked for an explanation. The key points in the feedback form are:

- Effective planning and organization of lectures
- Punctuality/class time utilization
- Ability to teach/explain/effective use of board
- Interaction/Motivating students
- Subject Knowledge
- Presentation of the subject/communication
- Linking subject with practical applications
- Syllabus coverage/Exam point of view
- Evaluation/test counselling
- Attitude towards teachers

Every year the assessment of faculty is based on their self-appraisal form. The key sections in faculty appraisal form are:

- Results, Feedback, Mentoring,
- Workshops/FDPs/MOOCs attended and organized
- Publications, R&D project proposals / grants
- Consultancy & Training, Patents
- Contribution towards the development of the Institute
- Recognitions received from outside agencies in the form of awards, prizes, projects etc.

Faculty fills the self-appraisal form at the end of every academic year. The HOD reviews self-appraisal forms and provides remarks/ comments and submits to the principal along with the academic results & students feedback. Principal reviews the self-appraisal and provides remarks/ comments and submits to the CEO of the K.S. Group of Institutions.

The faculty with less than 60 % score in self-appraisal are called before Appraisal Committee and questioned on their poor performance. They are advised to improve their performance before next assessment year. If the faculty performance is not improved for 2 consecutive years, then their increment will be withheld, advised and their probation period will be extended. If the faculty has not improved their performance for 3 years consecutively, they will be terminated from their service.

Template for self-appraisal form (2020-21)

**KAMMAVARI SANGHAM GROUP OF INSTITUTIONS
STAFF SELF APPRAISAL REPORT
2020-2021
KSIT/KSSEM**

Field	Data	SCORE
Name		
Present Address, Mob.No., e-mail id.		---
Age and Date of Birth		
Qualification		
Designation and Department		
Teaching Experience (After PG)		
Other Experience (If any)		
List of Subjects Taught till date (use separate sheet if necessary)		
*Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)	<ol style="list-style-type: none"> 1. 2. 3. 	

If online please indicate.	4.	
Details of UG Projects Guided (5 marks/ project guided) Online	1. 2.	/10
Details of PG Projects Guided (5 marks/ project guided) Only for MBA	1. 2.	/10
Percentage of Online classes held (No. of classes taken/no. of classes allocated x 5)		/5
Student Feedback for Online classes. (Av. Percentage x 5 marks)		/5
Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.	NOT APPLICABLE FOR CURRENT YEAR	
Number of FDPs attended since joining service (Attach Separate List)		--

*Marks to be awarded on for subjects for which end exam was conducted

Details of students mentored during current assessment year.		--
Details of Participation in VTU Bodies (2 Marks)		/2
Details on Examination related Activity (2marks each)	1. Practical Exams 2. Conduction of Theory exams 3. Paper Setting 4. Evaluation	/8
List of FDPs attended during the Assessment year (5 marks each)	1)	/10

(Attach Certificate copies)	2)	
Financial Assistance received during current year for attending FDPs	Rs.	--
<p>Status of Ph.D.</p> <p>[Attach proof for each stage]</p> <p>(This can be claimed only once during a life time after the PhD is awarded)</p> <p>[Attach proof for every claim]</p> <p>Ph.D. Completed – 10 marks.</p>	<ol style="list-style-type: none"> 1. Awarded (2 marks) 2. Thesis Submitted and awaiting reports (1 mark) 3. Thesis Preparation (2 Mark) 4. Experimentation/Data Collection in completed (1 mark) 5. Comprehensive viva voce completed (1 mark) 6. Appeared for Course work exams (1 mark) 7. Applied for registration formalities (1 mark) 8. Identified Guide/Research Centre and preparing research Proposal (1mark.) 9. Not thought of pursuing Ph.D. (zero) 	/10
<p>Research Publications: (5 marks each)</p> <p>[Attach copies of Title Page]</p>	<ol style="list-style-type: none"> 1. 2. 	/10
Seminars / Workshops / Conferences attended (5 Marks each) [Attach Certificate Copies]		/10
Financial Assistance received during current year	Rs.	--
Registered as Research Guide (Reasons for not registering)	Yes / No	
Research Scholars registered with details	<p>Yes / No</p> <p>If yes, 5 marks</p>	/5
Details of Patents Applied for (If any) One application 5 marks		/5

Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference)		/5
Details of programs attended for skill development like MOOCs, MOODLES, COURSERA, NPTEL and others		/5
Details of Utilization of NPTEL and other Online materials for augmenting own lectures.		/5
Details of Project Proposal submitted during the current year. (At least one)		/5
Details of Project Funds Received.	Rs.	/5
Consultancy Revenue Generated	Rs.	/5
Details of Participation in cultural events during the current year	NOT APPLICABLE FOR CURRENT YEAR	
Additional Responsibilities in the Department/ College Example: Head, Coordinator etc.	1) 2) 3)	10
Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE		/5
COVID TASK FORCE Responsibilities. (If any) Please mention your role.		/5
Contribution towards Branding, Admissions, etc		/10
TOTAL		/190

Date:**Signature of faculty****Comments from the HOD:****Signature of the HOD****Comments of the Principal after the discussion:****Signature of the Principal****CEO**

B. Implementation and effectiveness (20)

Institute Marks:20

Table 5.8-a: Faculty felicitated during assessment years for achieving 100% results

2020-21				
Sl. No.	Name of the Faculty	Semester	Section	Subject
1	Dr. B Surekha	VIII	A&B	Network and Cyber Security (17EC835)
2	Mr. Praveen. A	VII	A&B	IOT & Wireless Sensor Networks (17EC752)
3	Mr. Saleem S Tevaramani	VIII	A&B	Fiber Optics & Networks (C410/17EC82)
4	Mr. Saleem S Tevaramani	VII	A&B	Satellite Communication (17EC755)
4	Mr. Saleem S Tevaramani	VII	A	Digital Image Processing (17EC72)
5	Mrs. Pooja S	VIII	B	Wireless Cellular and LTE 4G Broadband (C409/17EC81)
6	Mrs. Pooja S	VIII	A&B	Radar Engineering (17EC833)
2019-20				
Sl. No.	Name of the Faculty	Semester	Section	Subject
1	Dr. P.N Sudha	VII	A	Cryptography (C404/15EC744)
2	Dr. P Joy Prabhakaran	V	A	Object Oriented Programming Using C++ (17EC562)
3	Mrs. Sangeetha. V	VII	A	Satellite Communication (C405/15EC755)
4	Mrs. Aruna Rao B. P	V	A&B	Verilog HDL (C303/17EC53)
5	Mr. Saleem S Tevaramani	VII	B	Digital Image Processing (C402/15EC72)
6	Mr. Saleem S Tevaramani	VIII	A&B	Radar Engineering (C412/15EC833)
7	Mrs. Sahana Salagare	VIII	A	Fiber Optics & Networks (C410/15EC82)
8	Mrs. Pooja S	VIII	B	Wireless Cellular and LTE 4G Broadband (C409/15EC81)
2018-19				
Sl. No.	Name of the Faculty	Semester	Section	Subject
1	Dr. P.N Sudha	VI	A	Cellular Mobile Communication (15EC651)
2	Dr. P.N Sudha	IV	A	Control Systems (C211/17EC43)
3	Dr. Joy Prabhakaran	V	A	Object Oriented Programming using C++ (C306/15EC562)
4	Dr. B. Sudharshan	V	A	Operating System (C305/15EC553)
5	Dr. B. Sudharshan	V	B	Verilog HDL (C303/15EC53)

6	Mrs. Jayasudha B. S. K	VIII	A&B	Machine learning (C411-B/15EC834)
7	Mrs. Sangeetha. V	VII	B	Satellite Communication (C405/15EC755)
8	Mr. Saleem S Tevaramani	VII	A	Satellite Communication (C405/15EC755)
9	Mr. Saleem S Tevaramani	VIII	B	Radar Engineering (C412/15EC833)
10	Mrs. Sahana Salagare	VIII	A	Radar Engineering (C412/15EC833)
11	Mrs. Pragati. P	IV	A	Signals and Systems (C210/17EC42)
12	Mrs. Aruna Rao B. P	V	B	Verilog HDL (C303/15EC53)
13	Mrs. Veda. B	III	B	Digital Electronics (C204/17EC34)
14	Mrs. Veda. B	VI	A&B	Digital Switching Systems (C314/15EC654)
15	Mrs. Bhargavi Ananth	V	A	Management and Entrepreneurship Development (C301/15ES51)
16	Mrs. Bhargavi Ananth	VIII	B	Fiber Optics & Networks (C410/15EC82)
17	Mrs. Lakshmi H R	VII	A	Cryptography (C404/15EC744)
18	Mr. Deekshith B N	III	A	Electronic Instrumentation (C202/17EC32)

Table 5.8-b: Faculty supported with financial aid for participation in FDPs/Workshops/ STTPs

2019-20					
Sl. No.	Name of the Faculty	Title of FDPs/Workshops/ STTPs	Place	Duration	Amount
1	Mrs. Mohanambica K M	5G communication Networks and its future perspective	Ramaiah Institute of Technology, Bengaluru	6 th to 11 th January 2020	1000/-
2	Mrs. Veda B	5G communication Networks and its future perspective	Ramaiah Institute of Technology, Bengaluru	6 th to 11 th January 2020	1000/-
3	Mrs. Aruna Rao B P	Design and Modelling of input output functionalities of FPGA based I/O Block	Nagarjuna College of Engineering, Bengaluru	18 th October – 20 th October 2019	3500/-
4	Mr. B.R	Workshop on	KSIT,	10 th October	3865/-

	Santhosh Kumar and Mrs. Pragathi. P	“Simulation using NI for Electronics Device Lab”	Bengaluru	2019	
5	Mrs. Nithya Kumari. R	Workshop on “eSim for Electronics Device Lab”	KSSEM, Bengaluru	21 st September 2019	600/-
6	Mr. Shilpa. V	Workshop on “eSim for Electronics Device Lab”	KSSEM, Bengaluru	21 st September 2019	600/-
7	Mr. Praveen A	Internship of Students	IIITH, Hyderabad	26 th July 2019	4263/-
2018-19					
Sl. No.	Name of the Faculty	Title of FDPs/Workshops/ STTPs	Place	Duration	Amount
1	Dr. Surekha Borra	FDP on “IoT Based Project Design and Development “	BNMIT, Bengaluru	24 th - 29 th June 2019	2000/-
2	Mrs. Sahana Salagare	Workshop on “Research Methodology & Latex”	DBIT, Bengaluru	19 th – 21 st June 2019	2000/-
3	Mr. Sunil Kumar G R	GARUT Boeing Aeromodelling Competition	IIT Kanpur	8 th - 9 th March 2019	30,500/-
3	Mr. Praveen. A & Dr. Dayananda	R&D Showcase 2019	IIIT Hyderabad	23 rd - 24 th Feb 2019	15,600/-
4	Dr. Surekha Borra	FDP on “Machine Learning Techniques and Tools”	JSSATE, Bengaluru	17 th - 21 st Dec 2018	1180/-
5	Mrs. Jayasudha B.S. K	AISYWC 2018	VVIT, Mysuru	28 th - 30 th Sep 2018	2138/-
6	Dr. P.N Sudha	Indian Technology Congress to Small Satellite	Indian Technology Congress	5 th - 6 th Sep 2018	3000/-
7	Mrs. Sahana	JSSATEB National	JSSATE,	4 th - 7 th July	750/-

	Salagare	Sympsoium	Bengaluru	2018	
8	Mrs. V. Sangeetha	FDP on “Emerging Technologies in Short Range Wireless Communication”	RV College of Engg., Bengaluru	2 nd - 6 th July 2018	1500/-

Table 5.8-c: Faculty felicitated during the assessment period for completion of 10 years’ service

Year	Name of the Faculty	Designation	Date of Joining
2020-21	-	-	-
2019-20	-	-	-
2018-19	Mr. Sunil Kumar G R	Assistant Professor	01/01/2008

Table 5.8-d: Faculty appreciated for completion of MOOC/NPTEL Courses

Sl. No.	Year	Name of the Faculty	Designation	Title of the Course	Duration	Completed on	Platform
1	2020-21	Dr. P N Sudha	Professor	Mind Control: Managing Your Mental Health During COVID-19	4 weeks	06/08/2020	Coursera
2		Dr. P N Sudha	Professor	Programming for Everybody (Getting Started with Python)	4 weeks	07/07/2020	Coursera
3		Dr. B. Surekha	Professor	Learn Vivado from Top to Bottom	4.5 hours	26/02/2021	Udemy
4		Dr. B. Surekha	Professor	Buddhism and Modern Psychology	6 weeks	13/08/2020	Coursera
5		Dr. B. Surekha	Professor	Image and Video Processing	4 weeks	20/07/2020	Coursera
6		Dr. B. Surekha	Professor	Computer Vision - Image Basics with OpenCV and Python, from Coursera Project Network	2 hours	18/07/2020	Coursera
7		Dr. B. Surekha	Professor	FPGA computing systems: Background knowledge and	4 weeks	18/07/2020	Coursera

				introductory materials			
8		Dr. B. Sudarshan	Professor	Introduction to Artificial Intelligence (AI)	4 weeks	17/08/2020	Coursera
9		Dr. B. Sudarshan	Professor	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	4 weeks	24/07/2020	Coursera
10		Dr. B. Sudarshan	Professor	Effective Problem-Solving and Decision-Making	4 weeks	24/07/2020	Coursera
11		Mrs. Jayasudha B S K	Assistant Professor	Capstone: Retrieving, Processing, and Visualizing Data with Python	7 weeks	20/12/2020	Coursera
12		Mrs. Jayasudha B S K	Assistant Professor	Statistical Data Visualization in Python	3 hours	18/11/2020	Coursera
13		Mrs. Jayasudha B S K	Assistant Professor	COVID19 Data Analysis Using Python	3 hours	31/10/2020	Coursera
14		Mrs. Jayasudha B S K	Assistant Professor	Electrodynamics: An Introduction	5 weeks	21/09/2020	Coursera
15		Mrs. Jayasudha B S K	Assistant Professor	Myocardial Infarction	5 weeks	10/09/2020	Coursera
16		Mrs. Jayasudha B S K	Assistant Professor	Improving Classroom Management with Class Dojo	3 hours	05/09/2020	Coursera
17		Mrs. Jayasudha B S K	Assistant Professor	Dimensionality Reduction using an Autoencoder in Python	3 hours	24/08/2020	Coursera
18		Mrs. Jayasudha B S K	Assistant Professor	AI for Medicine	10 weeks	03/08/2020	Coursera
19		Mrs. Jayasudha B S K	Assistant Professor	Multiple Linear Regression with scikit-learn	3 hours	01/08/2020	Coursera
20		Mrs. Jayasudha B S K	Assistant Professor	Exploratory Data Analysis with Seaborn	3 hours	31/07/2020	Coursera
21		Mrs.	Assistant	Logistic	3 hours	29/07/2020	Coursera

	Jayasudha B S K	Professor	Regression with NumPy and Python			
22	Mrs. Jayasudha B S K	Assistant Professor	Unsupervised Machine Learning for Customer Market Segmentation	3 hours	23/07/2020	Coursera
23	Mrs. Jayasudha B S K	Assistant Professor	University Admission Prediction Using Multiple Linear Regression	3 hours	21/07/2020	Coursera
24	Mr. Sunil Kumar G R	Assistant Professor	Learning Needs Analysis	5 hours	28/12/2020	Udemy
25	Mr. Sunil Kumar G R	Assistant Professor	Learning and Development Methods	3.5 hours	03/12/2020	Udemy
26	Mr. Sunil Kumar G R	Assistant Professor	Introduction to Learning Development (HR)	2 hours	01/12/2020	Udemy
27	Mrs. V. Sangeetha	Assistant Professor	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	4 weeks	13/08/2020	Coursera
28	Mrs. V. Sangeetha	Assistant Professor	Introduction to Artificial Intelligence (AI)	4 weeks	03/09/2020	Coursera
29	Mrs. V. Sangeetha	Assistant Professor	How to Write and Publish a Scientific Paper	4 weeks	19/08/2020	Coursera
30	Mr. Christo Jain S	Assistant Professor	Make the most of your research: Publish your data & methods	1.5 hour	11/08/2020	Elsevier
31	Mr. Christo Jain S	Assistant Professor	Systematic reviews 101	1.5 hour	11/08/2020	Elsevier
32	Mr. Christo Jain S	Assistant Professor	An editor's guide to writing review article	1.5 hour	11/08/2020	Elsevier
33	Mr. Christo Jain S	Assistant Professor	How to write case reports	1.5 hour	11/08/2020	Elsevier
34	Mr. Christo Jain S	Assistant Professor	How to write for an interdisciplinary	1.5 hour	11/08/2020	Elsevier

				audience			
35		Mr. Christo Jain S	Assistant Professor	Why write a book?	1.5 hour	11/08/2020	Elsevier
1	2019-20	Dr. P N Sudha	Professor	NBA Accreditation and Teaching – Learning in Engineering (NATE)	12 weeks	April 2020	NPTEL
2		Dr. P N Sudha	Professor	Control Engineering	12 weeks	April 2020	NPTEL
3		Dr. B. Surekha	Professor	Pattern Recognition and Application	12 weeks	October 2020	NPTEL
4		Dr. B. Sudarshan	Professor	NBA Accreditation and Teaching – Learning in Engineering (NATE)	12 weeks	April 2020	NPTEL
5		Dr. B. Sudarshan	Professor	Effective Engineering Teaching in Practice	4 weeks	February 2020	NPTEL
6		Dr. B. Sudarshan	Professor	Designing Learner Centric eLearning in STEM Disciplines	12 weeks	August 2020	NPTEL
7		Mrs. Vishalini Divakar	Assistant Professor	NBA Accreditation and Teaching – Learning in Engineering (NATE)	12 weeks	April 2020	NPTEL
8		Mrs. Jayasudha B S K	Assistant Professor	NBA Accreditation and Teaching – Learning in Engineering (NATE)	12 weeks	April 2020	NPTEL
9		Mrs. Sahana Salagare	Assistant Professor	Designing Learner Centric eLearning in STEM Disciplines	12 weeks	August 2019	NPTEL

5.9 Visiting/Adjunct/Emeritus Faculty etc. (10)**Institutional Marks:7**

Mr.Trimurthy R is appointed as Visiting Faculty on 6/8/2018 and had handled a course titled “ Kannada for 3rd Semester students in the academic years 2019-20 and 2020-21

Name of Visiting Faculty	Academic Year	Course Name	Semester	Total
Mr.Trimurthy R	2019-20	Kannada	III	50
Mr.Trimurthy R	2020-21	Kannada	III	50

Mr. Deekshith has resigned on 10th June 2018, because of his personal reasons in the middle of the semester. In this regard Mr. J.R. Girish was appointed as visiting faculty to complete the syllabus allotted for Mr. Deekshith.

Mr. Girish has handled Electronic Instrumentation subject for 20 hours and DSP lab for 35 hours.

CRITERION 6	FACILITIES AND TECHNICAL SUPPORT	80
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Total Marks:72

6.1 Adequate and well equipped laboratories and technical manpower during 2020-21 (30)

Total Marks : 28

Institute Marks : 28

SI No	Name of the Laboratory	No. Of students per setup (Batch Size)	Name of the Important equipment	Weekly utilization status (all the courses for which the lab is utilized)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1	Basic Electrical Engineering Laboratory Third Floor Old Block-308 Odd Sem	21	1)Trainer kits of KVL and KCL 2)Open and Short circuit 3)2 Way and 3 way switch control 4)Measurement of Power & Power factor of different loads 5)Choke coil verification using three voltmeters 6)Measurement of three Phase Star and Delta connection 7)Earth resistance testers(two Each) Resistive loads and Multimeters	18 hours (Basic Electrical Engineering)	Dinesh.J	Asst.Foreman	Diploma in ECE

2	Electronics Devices and Instrumentation Laboratory Ground-Floor Old Block -010 Odd Sem	21	1)Function Generators 2)CROs 3)DC Regulated Power Supplies 4)Labview software, 5)Personal Computers	18 hours (Electronic Devices, Power Electronics & Instrumentation)	Ganga lakshmi B	Instructor	Diploma in ECE
3	Digital System Design Laboratory Ground-Floor Old Block -011 Odd Sem	21	1)CRO 2)IC Trainer kits 3)Power supply 4)Function Generators 5)IC testers 6)servo voltage stabilizer	18 hours (Digital system Design)	Ravikumar B	Instructor	ITI
4	Verilog Hardware Description Language (VHDL) Laboratory Ground Floor Old Block -006 Odd Sem	21	1)VHDL Trainer kits 2)Sparton 6 software 3)Interfacing kits 4) Personal Computers	18 hours (Digital system Design using Verilog)	Lakshmanlala T D	Technician	ITI
5	Digital signal Processing Laboratory Second Floor Old Block -210 Odd Sem	21	1)DSP starter kit 2)Digital Storage Oscilloscopes 3)Microprocessor trainer kits 4)MATLAB software 5) Personal Computers	18 hours (Digital Signal Processing)	Lakshmi	Asst. Instructor	ITI

6	VLSI Laboratory Second Floor Old Block -211 Odd Sem	21	1)32 channel logic Analyser 2)FPGA Trainer kits with interfacing-10 3)DSOs 4)Cadence software 5) Personal Computers	18 hours (VLSI)	Thriveni.C	Instructor	Diploma in ECE
7	Computer Networks Laboratory Fourth Floor Old Block -405 Odd Sem	21	1) Data communication lab trainer kit/LAN trainer kit 2)Personal Computers	18 hours (Computer Communication Network)	Sachin D J	Instructor	Diploma in ECE
8	Embedded Controller Laboratory Second Floor Old Block -210 Even Sem	21	1)ARM CORTEX M3 University kits 2)8051 kit 3)Interfacing kits 4)Motorola MC kit with interfacing 5)MSP 430 experimental board 6) Personal Computers	18 hours (Embedded Systems)	Thriveni.C	Instructor	Diploma in ECE

9	Analog Circuits Laboratory 010-OB Ground Floor Even Sem	21	1)Digital Storage Oscilloscopes 2)Function Generators 3)DC Regulated Power Supplies	18 hours (Linear Integrated circuits)	Ganaga lakshmi B	Instructor	Diploma in ECE
10	Microcontroller Laboratory(Microprocessor lab) Ground-Floor OB-006 Even Sem	21	1)MASM software 2)Interfacing Kits, 3)8255 PPI 4) Personal Computers 5)8051 kits	18 hours (Microcontroller)	Ashwini S	Instructor	Diploma in CSE
11	Communication Laboratory Third Floor Old Block -309 Even Sem	21	1)Spectrum Analyser,2)DSOs 3)LCR Q-meter 4)TDM kits,5)PCM kits 6)Optical Fibre kits 7)QPSK & DPSK kits 8)Microwave Test Bench,9)Microstrip Antenna Trainer kit 10)Microstrip Integrated Circuit Trainer kit 11)Simulink 12) Personal Computers	18 hours (Communication subjects)	Sachin D J	Instructor	Diploma in ECE

12	Basic Electrical engineering Laboratory Third Floor Old Block-308 Even Sem	21	1)Trainer kits of KVL and KCL 2)Open and Short circuit 3)2 Way and 3 way switch control 4)Measurement of Power & Power factor of different loads 5)Choke coil verification using three voltmeters 6)Measurement of three Phase Star and Delta connection 7)Earth resistance testers(two Each) Resistive loads and Multimeters	18 hours (Basic Electrical Engineering)	Dinesh.J	Asst.Foreman	Diploma in ECE
13	Project Laboratory Fourth Floor Old Block-407 Even Sem	21	Raspberry Pi kit Microcontroller 8051 kit MSP430 with interface Arduino UNO Power Converter Power Transistor Module	18 hours (Project Laboratory)	Lakshmi	Asst. Instructor	ITI

6.2 Additional facilities created for improving the quality of learning experience in laboratories(25)

Total Marks : 20

Institute Marks : 20

SI No	Facility Name	Details	Reasoning(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/PSOs
1	Cadence Software	Cadence is a leading EDA and System Design Enablement provider delivering tools, software, and IP which help to build products that connect the world.	To train students to design and test digital/analog circuits.	Based on requirement	SoC design, custom and analog design, digital design, mixed-signal design, verification, and package/PCB design, broad selection of IP, and also hardware for emulation and FPGA prototyping.	PO1,PO2, PO3, PO4,PO12, PSO2
2	MATLAB- 2020b	Helps researchers and students to develop applications	Provides platform for Researchers and Students to work on Applications	Based on requirement	Signal Processing, DSP Communication system,Image processing ,Wavelet ,Statistic and mechine learning ,Computer Vison	PO3, PO5, PSO1, PSO2

3	Arduino	Arduino is an open-source electronics platform based on easy-to-use hardware and software. It's intended for anyone making interactive projects.	Arduino Education is focused on creating the next generation of STEAM programs — integrating Science, Technology, Engineering, Arts and Math — while supporting the needs of teachers and students throughout the educational journey.	Based on requirement	Drones, Line follower Robot, Internet of Things(IoT), Security devices for home, Automatic Opening Dustbin with Ultrasonic Sensor. To measure Temperature. Mini Stereo Radio with RDA5807	PO3, PO5, PSO1, PSO2
4	Proteus	Proteus is a Virtual System Modelling and circuit simulation application. The suite combines mixed mode SPICE circuit simulation, animated components and microprocessor models to facilitate co-simulation of complete microcontroller based designs.	Circuit simulation gives students a fast and fun practical learning tool. A software solution allows instructors to prepare and re-use virtual laboratories.	Based on requirement	Oscilloscope, logic analyzer, frequency meter, SPI and I2C debugger, generator, AC and DC voltage and ammeter schematic layout, PCB layout, circuit simulation and other features microcontroller	PO3, PO5, PSO1, PSO2

5	Raspberry Pi	<p>The Raspberry Pi is a series of small single-board computers developed in the United Kingdom by the Raspberry Pi Foundation to promote teaching of basic computer science in schools and in developing countries.</p>	<p>It can be pre-configured to operate as a headless computer, the Raspberry Pi may also optionally be operated with any generic USB computer keyboard and mouse</p>	Based on requirement	<p>Programmable Sequential Switching ,Solar Street Light Synced Music and Christmas LightsWearable Computer Home Automation Touch Screen Tablet Industrial Automation Using Zigbee CommunicationLego Raspberry pi Enclosure FM Transmitter Autonomous Robot Arm with BluetoothControl</p>	PO3, PO5, PSO1, PSO2
6	LabView	<p>Laboratory Virtual Instrument Engineering Workbench (LabVIEW) is a system-design platform and development environment for a visual programming language from National</p>	<p>LabVIEW offers a graphical programming approach that helps to visualize every aspect of application, including hardware configuration, measurement of data, and debugging.</p>	Based on requirement	<p>Automated Manufacturing test of a component/sub-system/system. Automated Product design validation of a component/sub-system/system. Control of a machine/piece of industrial equipment/process Condition</p>	PO3, PO5, PSO1, PSO2

		Instruments.			monitoring of a machine/piece of industrial equipment.	
7	Spectrum Analyzer	1Ghz Spectrum Analyzer with tracking generator	Facility for Research work in RF applications and Academic Projects	Based on requirement	Measure the frequency response, noise and distortion characteristics of all kinds of radio-frequency (RF) circuitry, check performance of Wi-Fi systems and wireless routers.	PO1,PO2, PO3, PO4,PO12, PSO2
8	Masm/Tasm	MASM & TASM is a computer assembler (software for program development) developed by Borland which runs on and produces code for 16- or 32bit x86 DOS or Microsoft Windows.	Debug the microprocessor assembly codes & interface peripherals with processor	Based on requirement	Interfacing of Keyboard, interfacing with (keypad, DC motor, Stepper motor, Seven segment LED display, LCD).	PO3, PO5, PSO1, PSO2

10	Ubuntu	Helps researchers and students to work on UNIX OS	Provides an environment to work on UNIX OS	Based on requirement	Helps students to work on UNIX OS, signal processing, statistical analysis, image enhancement, fluid dynamics simulations, numerical optimization, and modeling, simulation of explicit and implicit dynamical systems	PO3, PO5, PSO1, PSO2
11	Network Simulator(NS2)	Open source Discrete event – driven computer network simulator	Provides platform for Researchers and Students to work on Applications on communication Network	Based on requirement	Simulation of routing, multi cast protocols and IP protocols such as User Datagram Protocol, Transmission Control Protocol ,File Transfer Protocol and Demand Signal Repository.	PO3, PO5, PSO1, PSO2
12	Pspice	Pspice is a powerful general purpose analog circuit simulator that is used to verify circuit designs and to predict the circuit	open-source analog electronic circuit simulator. It is a program used in integrated circuit and board-level design	Based on requirement	Simulation of circuits, calculation of electric characteristics, graphing purpose measurement, and control systems.	PO1,PO2,PO3, PO4,PO12, PSO2

		behavior. This is of particular importance for integrated circuits				
13	Multisim	Multisim is an electronic schematic capture and simulation program which is part of a suite of circuit design programs. Multisim is widely used in academia and industry for circuits education, electronic schematic design and SPICE simulation.	Multisim software provides SPICE simulation, analysis, and printed circuit board (PCB) tools to help you quickly iterate through designs and improve prototype performance. Move from schematic to layout seamlessly to save time and reduce prototype iterations.	Based on requirement	Some of the areas are as mentioned below: Simulation of circuits, aerospace and national research applications including avionics equipment for data acquisition, communication applications, and the design of electronics for defense systems.	PO1,PO2, PO3, PO4,PO12, PSO2
14	Intel Galileo	Galileo is a microcontroller board based on the Intel® Quark SoC X1000 Application Processor, a 32-bit Intel Pentium-class system on a chip	Intel Galileo is the first Arduino Certified board that provides a mini PCI Express (mPCIe) slot. This allows you to connect standard mPCIe modules like Wi-Fi, Bluetooth, and SIM card adapters for cell phones. Synchronize	Based on requirement	Some of the areas are as mentioned below: Drones, Line follower Robot, Internet of Things(IoT), Security devices for home, Automatic Opening Dustbin with	PO1,PO2,P O3, PO4,PO12, PSO2

			data between modules using the boards-integrated Real Time Clock		Ultrasonic Sensor. To measure Temperature.	
15	Project Laboratory	Helps researchers and students to work on different Platform	Raspberry Pi kit Microcontroller 8051 kit MSP430 with interface Arduino UNO Power Converter Power Transistor Module	Based on requirement	Research and Development	PO3, PO4, PO5, PSO1,PSO2
16	R&D Laboratory	Helps researchers and students to work on different Platform	Raspberry Pi kit Microcontroller 8051 kit MSP430 with interface Arduino UNO Galileo board, DSP Starter Kit, XILNX Zynq-7000	Based on requirement	Research and Development	PO3, PO4, PO5, PSO1,PSO2








6.3. Laboratories:maintenance and overall ambience (10)










Total Marks : 10

Institute Marks : 10

- All laboratories have dedicated departmental faculty laboratory in-charge and technical staff for better maintenance. In-house maintenance of each laboratory is carried out regularly. Overall ambience of the laboratories is also maintained.
- Department of ECE has dedicated faculty In-charges and programmers for all the laboratories.

Table 6.3-a: Faculty Incharges

Sl.No.	Laboratories (EVEN & ODD)	Semester	Faculty - Incharge	Laboratory Location	GeoTagged photo
ODD SEMESTER					
1	Basic Electrical Engineering Laboratory	I	Mrs.Vishalini Divakar (Asst. Professor)	308-OB III Floor	
2	Electronics Devices and Instrumentation Laboratory	III	Mrs.Pragati. P (Asst. Professor)	010-OB Ground Floor	
3	Digital System Design Laboratory	III	Mr.B.R.Santhosh Kumar (Assoc. Professor)	011-OB Ground Floor	
4	Verilog Hardware Description Language (VHDL) Laboratory	V	Mr. Sunil Kumar.G.R (Asst. Professor)	006-OB Ground Floor	
5	Digital Signal Processing Laboratory	V	Mrs.Jayasudha B S K (Asst. Professor)	210-OB II Floor	
6	VLSI Laboratory	VII	Mr.Praveen.A (Asst. Professor)	211-OB II Floor	
7	Computer Networks Laboratory	VI	Mr.Praveen.A (Asst. Professor)	405-OB IV Floor	

8	Project Laboratory	All semesters	Mr.S.Christo Jain (Asst. Professor)	407-OB IV Floor	
9	Research & Development Laboratory	All semesters	Dr.Surekha Borra (Professor)	206-NB II Floor	
Even Semester					
1	Basic Electrical Engineering Laboratory	II	Mrs.Vishalini Divakar (Asst. Professor)	308-OB III Floor	
2	Analog Circuits Laboratory	IV	Mrs.Pragati. P (Asst. Professor)	010-OB Ground Floor	
3	Microprocessor Laboratory/Microcontroller Laboratory	IV	Mr. Sunil Kumar.G.R (Asst. Professor)	006-OB Ground Floor	
4	Communication Laboratory	VII	Mrs.Sangeetha .V (Asst. Professor)	309-OB III Floor	
5	Embedded Controller Laboratory	VI	Mrs.Jayasudha B S K (Asst. Professor)	210-OB II Floor	
6	Project Laboratory	All semesters	Mr.S.Christo Jain (Asst. Professor)	407-OB IV Floor	
7	Research & Development Laboratory	All semesters	Dr.Surekha Borra (Professor)	206-NB II Floor	

Maintenance

Regular Maintenance

- For maintenance of equipments and software trained Technical Staff are available.
- Software required for every semester are installed during semester vacation by the technical staff of respective laboratory in the presence of laboratory-incharge, concerned subject faculty and laboratory-foreman.
- Hardware kits required for every semester are checked properly during semester vacation by the technical staff of respective laboratory for their working condition in presence of laboratory-incharge,concerned subject faculty and laboratory foreman.

Primary Maintenance

- Floors are dusted and mopped periodically.
- Laboratory tables, systems, peripheral and other components are cleaned and dusted regularly.
- Chairs along with tables are serviced and maintained regularly as per requirement
- Electrical maintenance such as electrical ports, switches, network cables, lights and fans are serviced .

Breakdown Maintenance (Process of servicing)

- The technical staff of the respective laboratory is informed of any incidence that require his/her attention.
- Primarily, the technical staff of the respective laboratory checks if the issue can be sorted at his/her level.
- If not, the incidence is reported to the laboratory foreman who further looks into the complaint and tries to trouble shoot the problem. If the problem could be fixed locally he will call his team mates and assign the job to them.
- Otherwise, the help of an external service agency is sought for repairs/replacement. In such case, the head is required to raise a maintenance indent that will reflect both the job specification and an estimate of the work that will have to be approved by concerned authorities.
- A purchase/work order is released to the agency which is identified to do the job.
- The laboratory foreman will verify the job done and certify that the job has been carried out satisfactorily for forwarding the bill for payment.
- For certain items that require constant attention annual maintenance contract {AMC} is given.
- The Battery maintenance and AMC is out sourced to **SreeVinayaka Electronics / Vasantha Enterprises**.
- Mother board servicing, printers servicing and refilling is done by **SS Print solutions and MiniTech Solution**.

- For Electronics Devices and Instruments servicing is done by **BSK sales and services, Binary wave Technologies and Vasundhara Technologies, Bangalore.** For all these laboratories mother board servicing is done by **MiniTech.**

Process of E-waste Maintenance

- The laboratory foreman, technical laboratory incharge along with mechanic will identify all the unserviceable equipment and categorize them as **eWaste** that is periodically handed over to **“E-Parisaraa Pvt Ltd”**, which is a government authorized electronic waste recycled.

Form-6
(See rule 19)
E-WASTE MANIFEST

1.	Sender's name and mailing address (Including Phone No.)	KSIT, Bangalore
2.	Sender's authorisation No, if applicable :	
3.	Manifest Document No. :	
4.	Transporter's name and address : (Including Phone No.)	E-PARISARAA PVT. LTD. Plot No. 30.P3 KIADB Dobaspet Industrial Area, Bangalore-Rural-Dist-562-444
5.	Type of Vehicle	(Truck or Tanker or Special Vehicle)
6.	Transporter's registration No.	KA-02-AB-2336
7.	Vehicle registration No. :	
8.	Receiver's name & address :	E-Parisaraa Pvt. Ltd. Plot No. 30.P3, Kamata Industrial Area Development Block, Dohaspet Ind. Area, Bangalore Rural Dist-562111.
9.	Receiver's authorisation No, if applicable	PCB/170/E-Waste/2014 Reg. No. 91451/H470
10.	Description of E-Waste (Item, Weight/ Numbers):	E-waste → 715 Kgs CRT → 45 nos
11.	Name and stamp of Sender* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler): Signature: [Signature] Month: [04] Day: [26] Year: [2019]	
12.	Name and stamp of Receiver* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler or Recycler): Signature: [Signature] Month: [04] Day: [29] Year: [2019]	
13.	Name and stamp of Recycler* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler or Recycler): Signature: [Signature] Month: [04] Day: [29] Year: [2019]	

*As applicable

Copy number with colour code (I)	Purpose (II)
Copy 1 (Yellow)	To be retained by the sender after taking signature on it from the transporter and other three copies will be carried by transporter.
Copy 2 (Pink)	To be retained by the receiver after signature of the transporter.
Copy 3 (Orange)	To be retained by the transporter after taking signature of the receiver.
Copy 4 (Green)	To be returned by the receiver with his / her signature to the sender.


Figure-6.3.1 scanned copy of e-waste maintenance

Table-6.3-b: Maintenance Details of the year 2020-21

Sl.No.	Details	Invoice No date Page No	FROM	Remarks / Justification	Spent Amount in INR
1	Maintenance/Spares (Class rooms, Staff rooms,Seminar Hall & Laboratories)	115 30-7-21 P-102	RGS Instruments	Servicing of all Tables,Switch boards, Tube lights & Fans, electrical Work etc..Projector maintainance & computer maintainance in Labs	78030
2		630 5-10-2020 P-99	RGS Instruments		
3		AE/19- 20/011977 2-2-2020 P-96	Anand Enterpeises		
4		FEB-29 22-2-2020 P-98	Binary wave		
5		OCT-8 24-10-20 P-99	Binary wave		
6		310 9-11-20 P-100	BSK		
7		VT/INV/187/20- 21 4-1-21 P-100	Vasundhara		

BinaryWave Technologies ✓
 #16, Garden Street,
 Ramamurthy Nagar, Bangalore - 560 016
 M: +919448220309 F: +9183 3235

INVOICE **Original/ O-Copy**

BinaryWave Technologies #16, Garden Street, Ramamurthy Nagar, Bangalore- 560 016 GSTIN: 29AADPL5254C1ZV		INVOICE No. FEB-9 February 22, 2020		
		D.C. No. NIL Personal Delivery:		
The Principal, KSIIT Raghuvana Halli Cr, Bangalore Kind Attn: HOD/EC		Purchase Order: Oral		
SL. No.	PARTICULARS	QTY	RATE	AMOUNT Rs. Ps.
	<u>UP-LAB</u> <u>Equipment Repair</u>			
1	ARM module NUCLEO- F103RB	5	2,480.00	12400.00
2	Interfaces to be required [PowerSupply Unit: 2, Temp Unit 3, DAC Unit: 1, LCD Unit: 3, Relay Unit: 2, DC Motor Unit: 1]	12	1000.00	12000.00
3	Faulty components replaced for repair work of above Equipment.	10	55.00	550.00
	CGST @ 9.0%			2245.50
	SGST @ 9.0%			2245.50
	Total			29,441.00
PRINCIPAL Packing & Forwarding Charges				
K.S. INSTITUTE OF TECHNOLOGY Freight & Insurance Charges				
Grand Total		29,441.00		
BENGALURU - 560 109 Rupees: Twenty Nine Thousand Four Hundred Forty One only		For BinaryWave Technologies  Authorized Signatory		

Sin/WLC
26/02/2020

All 12 kits are working good
26/02/2020

HEAD OF THE DEPARTMENT
Dept. of Electronics & Communication Engg
K.S. Institute of Technology
Bangalore - 560 109

Figure-6.3.2 sample copy of invoice details

Table-6.3-c: UPS Capacity in System Laboratory

All the system labs have the UPS facilities and Hardware Laboratories provided by generator backup

Sl.No.	Laboratory	UPS Capacity
1	VLSI/Computer Networks Laboratory	25kVA
2	Digital signal Processing/Embedded Controller Laboratory	
3	Communication /Analog Electronics Laboratory	50 KVA (sharing)
4	Research & Development	
5	Microcontroller/VHDL Laboratory	15KVA

Overall ambience:

- The laboratories are spacious and well furnished. The laboratories are provided with un-interrupted power supply and internet connectivity of 50Mbps.
- The laboratories contains Computer Systems with latest configuration with LAN connectivity, Printers, Shoe Rack, Bag Rack, notice boards, Instruction boards, Laboratory manuals.
- The Laboratories have instructors and faculty in-charge to assist better learning in laboratories.
- Adequate number of tables, chairs and benches in good condition.
- Good ventilation and natural lighting.
- Good Lighting system.
- Laboratories are equipped with white board, and other amenities

Table- 6.3.d :Details of Computing facility in the laboratory

SI No	Name of the Laboratory	Total No. Of Computers
1	Microcontroller/VHDL Laboratory	26
2	DSP Laboratory / Embedded Controller Laboratory	30
3	VLSI Laboratory	28
4	Computer Networks Laboratory	23
5	Electronics Devices and Instrumentation/Analog Circuits Laboratory	10
6	Digital System Design Laboratory	10
7	Basic Electrical Engineering Laboratory	5
8	Communication Laboratory	16
9	Project Laboratory	10
10	Research & Development	10
TOTAL		168

Table- 6.3.e :Microprocessor/HDL/Microcontroller Laboratory

Total No. Of Computers-26	
Computer Specification (12)	
Company Name	HP
CPU Model	Prodesk 600g1
Processor	Intel Core i5
Speed	3.3 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	18.5"
Computer Specification (10)	
Company Name	Lenovo
CPU Model	M72e
Processor	Intel Core i5
Speed	3.3 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	18.5"
Computer Specification (4)	
Company Name	HP
CPU Model	HP 280 G2MT
Processor	Intel Core i5
Speed	3.2 GHz
RAM	4 GB RAM DDR4
Hard Disk	500GB
Monitor	18.5"

Table- 6.3.f: DSP/ Embedded Laboratory

Total No. Of Computers-30	
Computer Specification (02)	
Company Name	IBM
CPU Model	Think Centre
Processor	P4
Speed	533Mhz
RAM	256MB DDR2
Hard Disk	80GB
Monitor	14"
Computer Specification (02)	
Company Name	WIPRO
CPU Model	Wipro Ivalue
Processor	P4
Speed	3.0 GHz
RAM	1GB
Hard Disk	80GB
Monitor	18.5"

Computer Specification (24)	
Company Name	DELL OPTIPLEX DESTKTOP
CPU Model	3080 MT
Processor	Intel Core i5
Speed	3.2 GHz
RAM	8 GB DDR4
Hard Disk	1TB
Monitor	LED 18.5 inches
Computer Specification (01)	
Company Name	HP
CPU Model	HP 280 G2MT
Processor	Intel Core i5
Speed	3.2 GHz
RAM	4 G B DDR4
Hard Disk	500GB
Monitor	LED 18.5 inches
Computer Specification (01)	
Company Name	DELL OPTIPLEX DESTKTOP
CPU Model	5050 MT
Processor	Intel Core i5
Speed	3.2 GHz
RAM	4 GB DDR4
Hard Disk	1TB
Monitor	LED 18.5 inches

Table- 6.3.g: VLSI Laboratory

Total No. Of Computers-28	
Computer Specification (21)	
Company Name	LENOVO
CPU Model	Lenovo M71e
Processor	Intel Core i5
Speed	3.1 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	17"
Computer Specification (03)	
Company Name	HP
CPU Model	HP 600 G1
Processor	Intel Core i5
Speed	3.3 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	18.5"

Computer Specification (02)	
Company Name	HP
CPU Model	HP 280 G2MT
Processor	Intel Core i5
Speed	3.2 GHz
RAM	4 G B DDR4
Hard Disk	500GB
Monitor	LED 18.5 inches
Computer Specification (02)	
Company Name	LENOVO
CPU Model	Lenovo M71e
Processor	Intel Core i5
Speed	3.1 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	17"

Table- 6.3.h: Computer Networks Laboratory

Total No. Of Computers-23	
Computer Specification (13)	
Company Name	LENOVO
CPU Model	Lenovo M71e
Processor	Intel Core i5
Speed	3.1 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	17"
Computer Specification (10)	
Company Name	DELL OPTIPLEX DESKTOP
CPU Model	5050 MT
Processor	Intel Core i5
Speed	3.2 GHz
RAM	4 GB DDR4
Hard Disk	1TB
Monitor	LED 18.5 inches

Table- 6.3.i: Electronics Devices and Instrumentation Laboratory/ Analog Electronics Circuit Laboratory

Total No. Of Computers-10	
Computer Specification (10)	
Company Name	Lenovo
CPU Model	M72e
Processor	Intel Core i5
Speed	3.3 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	18.5"

Table- 6.3.1-j: Digital System design laboratory

Total No. Of Computers-10	
Computer Specification (10)	
Company Name	Lenovo
CPU Model	M72e
Processor	Intel Core i5
Speed	3.3 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	18.5"

Table- 6.3.1-k: Basic Electrical Engineering Laboratory

Total No. Of Computers-5	
Computer Specification (5)	
Company Name	LENOVO
CPU Model	Lenovo M71e
Processor	Intel Core i5
Speed	3.1 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	17"
Company Name	LENOVO

Table- 6.3.1-l : Communication Laboratory

Total No. Of Computers-16	
Computer Specification (3)	
Company Name	HP
CPU Model	Compaq
Processor	Intel core 2duo
Speed	2 GHz
RAM	512MB RAM DDR2
Hard Disk	160GB
Monitor	15" TFT
Computer Specification (3)	
Company Name	HP
CPU Model	Prodesk 600g1
Processor	Intel Core i5
Speed	3.3 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	18.5"
Computer Specification (10)	
Company Name	Lenovo
CPU Model	M72e
Processor	Intel Core i5
Speed	3.3 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	18.5"

Table- 6.3.1-m: Project Laboratory

Total No. Of Computers-10	
Computer Specification (5)	
Company Name	Lenovo
CPU Model	M72e
Processor	Intel Core i5
Speed	3.3 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	18.5"
Computer Specification (5)	
Company Name	Lenovo
CPU Model	M81
Processor	Intel Core i5
Speed	3.1 GHz
RAM	4 GB DDR3
Hard Disk	320GB
Monitor	LED 18.5 inches

Table- 6.3.1-n: Research& Development Laboratory

Total No. Of Computers-10	
Computer Specification (5)	
Company Name	HP
CPU Model	HP 280 G2MT
Processor	Intel Core i5
Speed	3.2 GHz
RAM	4 G B DDR4
Hard Disk	500GB
Monitor	LED 18.5 inches
Computer Specification (5)	
Company Name	Lenovo
CPU Model	M81
Processor	Intel Core i5
Speed	3.1 GHz
RAM	4 GB DDR3
Hard Disk	320GB
Monitor	LED 18.5 inches

6.4. Project laboratory (05)

Total Marks : 4

Institute Marks : 4

Facilities & Utilization

- Exclusively, a project laboratory has been provided for the students to carry out their mini / major project.
- Room No.407 (Old Block) in the fourth floor is used as project laboratory exclusively for all students to carry out their project work
- Five systems are allotted for project work in each laboratory in the department.
- The laboratory have dedicated project laboratory-incharge Mr.S.Christo Jain and Mrs.Pooja S to assist the students and to contrivance for the projects assigned to them.



Table 6.4.a: System Specification

Total No. Of Computers-10	
Computer Specification (5)	
Company Name	Lenovo
CPU Model	M72e
Processor	Intel Core i5
Speed	3.3 GHz
RAM	4 GB RAM DDR3
Hard Disk	500GB
Monitor	18.5"
Computer Specification (5)	
Company Name	Lenovo
CPU Model	M81
Processor	Intel Core i5
Speed	3.1 GHz
RAM	4 GB DDR3
Hard Disk	320GB
Monitor	LED 18.5 inches

Table 6.4-b: Hardware components in Project Laboratory:

S.No	Hardware Components	Quantity
1	Raspberry Pi kit	1
2	Microcontroller 8051 kit	3
3	MSP430 with interface	6
4	Arduino UNO	1
5	Power Converter	2
6	Power Transistor Module	1
7	Function Generator	2
8	CRO	2
9	Galileo board	100
10	Multimeter	2
11	8255 PPI	2
12	8085 Opcode module	5
13	Xilinx (HDL)	19
14	Motrola Microcontroller	1
15	Spring board/bread board	10

Research and Development Laboratory

- R & D Laboratory is well equipped with Wifi facility with un-interrupted power supply 40KVA and internet connectivity of 50 Mbps and D'link router.
- The Xilinx Evaluation kit, DSP Starter kit, which helps students to carry out the project work.
- The Research and Development Laboratory have dedicated laboratory-incharge Mr. Sudharshan B to assist the students and to contrivance for the research work assigned to them.



Table 6.4-c: System Specification

Total No. Of Computers-10	
Computer Specification (5)	
Company Name	HP
CPU Model	HP 280 G2MT
Processor	Intel Core i5
Speed	3.2 GHz
RAM	4 G B DDR4
Hard Disk	500GB
Monitor	LED 18.5 inches
Computer Specification (5)	
Company Name	Lenovo
CPU Model	M81
Processor	Intel Core i5
Speed	3.1 GHz
RAM	4 GB DDR3
Hard Disk	320GB
Monitor	LED 18.5 inches

Server Details	
Company Name	Dell
CPU Model	Dell work station T430
Processor	Intel Xeon
Speed	1.7Ghz
RAM	8GB DDR4

Table 6.4-d:Hardware components in R&D Laboratory:

Sl.No	Hardware Components	Quantity
1	Raspberry Pi kit	1
2	Spectrum Analyzer	1
3	Microcontroller 8051 kit	2
4	Arduino UNO	1
5	Function Generator	2
6	CRO	2
7	Galileo board	100
8	DSP Starter Kit	5
9	XILNX Zynq-7000	2

Table 6.4-e:Software Applications & OS in Project R&D and Laboratory

SINO	Software / OS used	Open source/Licensed
1	Windows 8.1 / 10	Licensed
2	Cadence	Licensed
3	Matlaboratory -2019-B	Licensed
4	Laboratoryview	Licensed
5	MASM	Open source
6	Ubuntu	Open source
7	Arduino	Open source
8	Proteus	Open source
9	Raspberry Pi	Open source
10	Keil	Open source
11	NS2-Simulator	Open Source
12	Spice	Open Source
13	Multisim	Open Source
14	Code Block	Open Source
15	EDA	Open Source
16	VMware	Open source

Table- 6.4.f:Mini and Major Project Details of the academic year 2020-21
Major Projects List

SL.NO	NAME OF THE STUDENT	Title	POs	PSOs
1	Chethana Prasad.K	Morse code based Secured Authentication system through artificial intelligence	PO1,PO2,PO3PO5 ,PO9,PO10,PO11, PO12	PSO1, PSO2
2	Disha.S			
3	Divya.T.M			
4	Ritu Patil	Pirate Detection system in theatres	PO1,PO2,PO3PO5 ,PO9,PO10,PO11, PO12	PSO1, PSO2
5	Vishal Goutham.N			
6	Naganetra.M	Realtime implementation of alcohol and drowsiness detection	PO1,PO2,PO3PO5 ,PO9,PO10,PO11, PO12	PSO1, PSO2
7	Rohini.D			
8	Vaibhavi Sreenivasa			
9	Vaishnavi.K.Katti			
10	Anagha.A.Kashyap	Smart heart health prediction system by ML and signal processing	PO1,PO2,PO3PO5 ,PO9,PO10,PO11, PO12	PSO1, PSO2
11	Anusha.L			
12	Rachana.S			
13	Sahana.V			
14	Mohammed Sadath			
15	Pavan Prasad.R	Photovoltaic dual purpose thermoelectric Refrigerator	PO1,PO2,PO3PO5 ,PO9,PO10,PO11, PO12	PSO1, PSO2
16	R.Yashas			
17	Mahadeva G R			

Table- 6.4.g : Mini Projects List

Sl.No	Name Of The Student	Title	POs	PSOs
1	A N Bhoomika Chowdary	Self balancing robot	PO1,PO2,PO3,PO5, PO9,PO10,PO11,PO12	PSO1,PSO2
	Charan G			
2	Abhishek.V	Automatic Plant Watering System using Arduino	PO1,PO2,PO3,PO5, PO9,PO10,PO11,PO12	PSO1,PSO2
	Akash R			
3	Adithi.S	Terminal chat client	PO1,PO2,PO3,PO5, PO9,PO10,PO11,PO12	PSO1,PSO2
	Ayeesha Ruman			
4	Aishwarya Bandigani	LPG leakage Detector	PO1,PO2,PO3,PO5, PO9,PO10,PO11,PO12	PSO1,PSO2

	Akhila V			
5	Anagha S	Automatic street light	PO1,PO2,PO3,PO5, PO9,PO10,PO11,PO12	PSO1,PSO2
	C A Sushma			

6.5. Safety measures in laboratories (10)**Total Marks : 10****Institute Marks : 10****Table 6.5-a: Safety measures**

Sl No.	Name of the Laboratory	Safety measures
1	Basic Electrical Laboratory	<ul style="list-style-type: none"> ➤ Sign in/out in log-in register before entering and leaving the laboratory. ➤ If any problem arises with any equipment, report the issue to technical staff. ➤ Operational instructions display board. ➤ All electrical wires protected by MCCB and fuses. ➤ Fire extinguisher and first aid kits are provided.
2	Electronics Devices and Instrumentation Laboratory & Electronic System Design Laboratory	<ul style="list-style-type: none"> ➤ Sign in/out in log-in register before entering and leaving the laboratory. ➤ If any problem arises with any equipment, report the issue to technical staff. ➤ Operational instructions display board. ➤ All electrical wires protected by MCB and fuses. ➤ Fire extinguisher and first aid kits are provided.
3	VHDL/Microcontroller Laboratory	<p>General Rules of Conduct in Laboratories are displayed</p> <ul style="list-style-type: none"> ➤ Sign in/out in log-in register before entering and leaving the laboratory. ➤ If any problem arises with any equipment, report the issue to technical staff. ➤ Don't insert floppies, CDs and Pen drives without prior permission. ➤ Don't forget to turn off system properly. ➤ Avoiding the use of damaged equipment. ➤ <input type="checkbox"/> Firewall ➤ <input type="checkbox"/> First aid box ➤ <input type="checkbox"/> Fire extinguisher <p>are available in the laboratory.</p>

4	Digital Signal Processing/ Embedded Controller Laboratory	<p>General Rules of Conduct in Laboratories are displayed</p> <ul style="list-style-type: none"> ➤ Sign in/out in log-in register before entering and leaving the laboratory. ➤ If any problem arises with any equipment, report the issue to technical staff. ➤ Don't insert floppies, CDs and Pen drives without prior permission. ➤ Don't forget to turn off system properly. ➤ Avoiding the use of damaged equipment. ➤ <input type="checkbox"/> Firewall ➤ <input type="checkbox"/> First aid box ➤ <input type="checkbox"/> Fire extinguisher <p>are available in the laboratory.</p>
5	Communication Laboratory	<p>General Rules of Conduct in Laboratories are displayed</p> <ul style="list-style-type: none"> ➤ Sign in/out in log-in register before entering and leaving the laboratory. ➤ If any problem arises with any equipment, report the issue to technical staff. ➤ Don't insert floppies, CDs and Pen drives without prior permission. ➤ Don't forget to turn off system properly. ➤ Avoiding the use of damaged equipment. ➤ <input type="checkbox"/> Firewall ➤ <input type="checkbox"/> First aid box ➤ <input type="checkbox"/> Fire extinguisher <p>are available in the laboratory.</p>
6	VLSI Laboratory	<p>General Rules of Conduct in Laboratories are displayed</p> <ul style="list-style-type: none"> ➤ Sign in/out in log-in register before entering and leaving the laboratory. ➤ If any problem arises with any equipment, report the issue to technical staff. ➤ Don't insert floppies, CDs and Pen drives without prior permission. ➤ Don't forget to turn off system properly. ➤ Avoiding the use of damaged equipment. ➤ <input type="checkbox"/> Firewall ➤ <input type="checkbox"/> First aid box

		<ul style="list-style-type: none"> ➤ <input type="checkbox"/> Fire extinguisher are available in the laboratory.
7	Computer Networks Laboratory	<p>General Rules of Conduct in Laboratories are displayed</p> <ul style="list-style-type: none"> ➤ Sign in/out in log-in register before entering and leaving the laboratory. ➤ If any problem arises with any equipment, report the issue to technical staff. ➤ Don't insert floppies, CDs and Pen drives without prior permission. ➤ Don't forget to turn off system properly. ➤ Avoiding the use of damaged equipment. <ul style="list-style-type: none"> ➤ <input type="checkbox"/> Firewall ➤ <input type="checkbox"/> First aid box ➤ <input type="checkbox"/> Fire extinguisher are available in the laboratory
7	Project Laboratory	<p>General Rules of Conduct in Laboratories are displayed</p> <ul style="list-style-type: none"> ➤ Sign in/out in log-in register before entering and leaving the laboratory. ➤ If any problem arises with any equipment, report the issue to technical staff. ➤ Don't insert floppies, CDs and Pen drives without prior permission. ➤ Don't forget to turn off system properly. ➤ Avoiding the use of damaged equipment. <ul style="list-style-type: none"> ➤ <input type="checkbox"/> Firewall ➤ <input type="checkbox"/> First aid box ➤ <input type="checkbox"/> Fire extinguisher are available in the laboratory.

8	R&D Laboratory	<p>General Rules of Conduct in Laboratories are displayed</p> <ul style="list-style-type: none">➤ Sign in/out in log-in register before entering and leaving the laboratory.➤ If any problem arises with any equipment, report the issue to technical staff.➤ Don't insert floppies, CDs and Pen drives without prior permission.➤ Don't forget to turn off system properly.➤ Avoiding the use of damaged equipment. <ul style="list-style-type: none">➤ <input type="checkbox"/> Firewall➤ <input type="checkbox"/> First aid box➤ <input type="checkbox"/> Fire extinguisher <p>are available in the laboratory.</p>
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CRITERION 7	CONTINUOUS IMPROVEMENT	50
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Total Marks: 45

7.1 Action taken based on the results of evaluation of each of the POs and PSOs (20)

Total Marks: 18

Institute Marks: 18

POs - Attainment Levels and Actions for improvement (2020-21)

POs	Target Level	Attainment Level	Observation
PO1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.		
	2.2	2.42	1. Target is attained. 2. Student's ability to apply fundamentals of engineering Mathematics and Sciences are satisfactory.
PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.		
	2.0	2.00	1. Target is attained. 2. Problem solving and analyzing skills are satisfactory.
PO3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.		
	1.8	1.64	1. Target is not attained. 2. Practical approach to find solutions to problems was hampered.
Action 1	Technical workshops will be planned to enhance problem solving skills of students.		
PO4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.		
	1.8	1.73	1. Target is not attained. 2. Students were exposed less to research-oriented activities.
Action 1	Students are motivated to attend National and International Conferences, so that students can find solutions to complex problems and come up with their own technical papers as solution. Papers of our students: 1. "MORSE CODE BASED SECURED AUTHENTICATION SYSTEM THROUGH ARTIFICIAL INTELLIGENCE", Chethana Prasad K, Disha S, Divya TM, Sunil Kumar GR International Advanced Research Journal in Science, Engineering and Technology Vol. 8, Issue 5, May 2021. 2. "Li-Fi based Text Transmission", Parikshith S, P Sai Govardhan, Mrs.Sangeetha		

	V International Journal of Research Publication and Reviews Vol (2) Issue (7) (2021) Page 1662-1665		
Action 2	Final year student's projects were guided to convert their project results into technical papers. Technical papers of such projects: 1. "A Comprehensive Study of Face Recognition for Security-Based Systems", Chethana Prasad K, Disha S, Divya TM, Sunil Kumar GR, International Advanced Research Journal in Science, Engineering and Technology Vol. 8, Issue 5, May 2021. 2. "IMPLEMENTATION OF BRAIN ACTUATED APPLICATION FOR PARALYZED PEOPLE", Anitha R, Bhavana J, G S Surabhi, Madhu S, B. Sudarshan International Advanced Research Journal in Science, Engineering and Technology Vol. 8, Issue 6, June 2021.		
PO5	<i>Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.</i>		
	2.0	1.83	1. Target is not attained. 2. Technical workshops were not conducted due to pandemic
Action 1	Workshops and hands-on sessions will be organized, so that students will learn new tools.		
PO6	<i>The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice in Electrical and Electronics Engineering.</i>		
	1.8	1.73	1. Target is not attained. 2. Impact of technology on society was made to understand by undertaking events.
Action 1	A talk on "Go Green Zero Waste Period" was held on 11 th September, 2020 by Dr. Hemavathi Srinivasan. The talk was on sustainability and hygiene during menstrual cycle for women and various sanitary methods to reduce the cost for the user and also the harmful effects on the environment.		
PO7	<i>Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.</i>		
	1.8	1.8	1. Target is attained.
PO8	<i>Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.</i>		
	1.8	1.75	1. Target is not attained. 2. Less number of subjects to address PO8.
Action 1	Industrial visits will be undertaken to make students understand the best practices followed in industries.		
Action 2	Students are instructed to check for plagiarism for their technical papers with the plagiarism testing software.		
PO9	<i>Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</i>		
	2.0	2.05	1. Target is attained.
PO10	<i>Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make</i>		

	<i>effective presentations, and give and receive clear instructions.</i>		
	1.9	1.74	1. Target is not attained. 2. Ability to present their technical seminar and project works was hampered due to online conduction.
Action 1	Technical paper presentations / Technical seminar / Internship seminar / Project presentation is facilitated batch-wise for students to improve their oral and presentation skills of students. This academic year the events were held online.		
Action 2	Regular assignments, report writing and technical paper writing will improve the written communication skills of students.		
PO11	<i>Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.</i>		
	2.0	2.08	1. Target is attained. 2. Students demonstrated their project management and team player skills.
PO12	<i>Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.</i>		
	1.9	1.86	1. Target is not attained 2. MOOCs is helping students in lifelong learning
Action 1	Awareness was created to students about Massive Open Online Courses (MOOCs) to enroll courses online and continue their learning in their area of interests.		

PSOs - Attainment Levels and Actions for improvement (2020-21)

PSOs	Target Level	Attainment Level	Observation
PSO1	<i>Graduate should be able to understand the fundamentals in the field of Electronics & Communication and apply the same to various areas like Signal processing, embedded systems, Communication & Semiconductor technology.</i>		
	2.0	2.24	1. Target is attained. 2. Understanding and application of fundamentals by students are good enough.
PSO2	<i>Graduate will demonstrate the ability to design, develop solutions for Problems in Electronics & Communication Engineering using hardware and software tools with social concerns.</i>		
	1.8	1.83	1. Target is attained

7.2 Academic Audit and actions taken thereof during the period of Assessment (10)

Total Marks: 09
Institute Marks: 09

A. Academic Audit Conduct Mechanism:

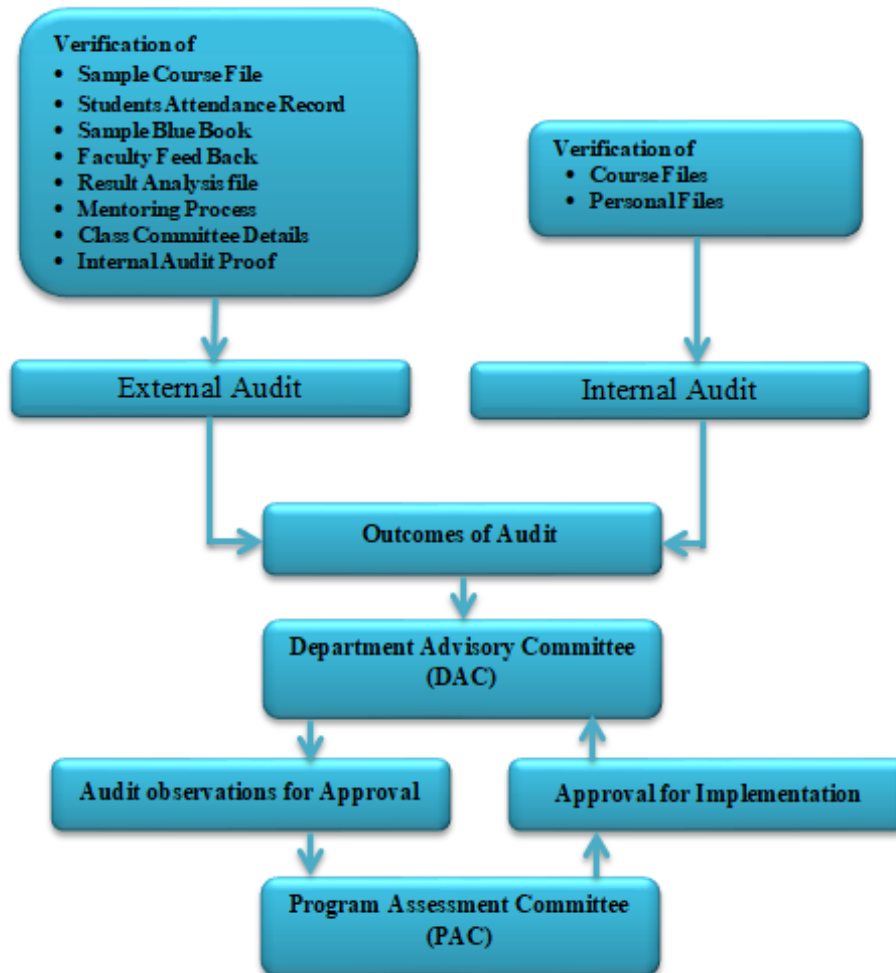


Figure 7.2-1: Academic Audit process

The department of Electronics & Communication Engineering undergoes internal audit once in a semester by two senior faculties from another department. The department also undergoes external audit once in a year by academicians from sister institutions.

Audit observations from the internal audit and external audit are placed before the Department Advisory Committee (DAC) for its implementation. The DAC discusses about the observations and if found necessary, then it is placed before the Program Assessment Committee (PAC) for its approval. Further, the PAC discusses on the observations and if found necessary, then it gives approval for DAC for its implementation.

B. Academic Audit Committees & Assessment Criteria:

1. Program Assessment Committee (PAC)
2. Department Advisory Committee (DAC)
3. Internal Audit
4. External Audit

1. Program Assessment Committee (PAC)

The PAC has been formed for monitoring of different departmental activities. The PAC consists of Principal and faculty members of the department, who periodically monitor the departmental activities and evaluate different parameters. Following are the members of PAC.

Table 7.2-A: Program Assessment Committee Members

Sl. No.	Name	Designation
1	Dr. Dilip Kumar K, Principal	The Chair
2	Dr. P N Sudha, Professor & HOD	The Member Secretary
3	Dr. Joy Prabhakaran, Professor	Key Resource Person
4	Dr. B Sudarshan, Professor	Member
5	Dr. Surekha B, Professor	Member
6	Mr. Santosh Kumar B R, Associate Professor	Member
7	Mrs. Vishalini D, Assistant Professor	Member
8	Mrs. Jayasudha B S K, Assistant Professor	Member
9	Mr. Sunil Kumar G R, Assistant Professor	Member

Roles and Responsibilities of the PAC:

1. Monitoring the activities of the department to check whether they are achieving the Vision and Mission.
2. Suggesting way and means to reduce the curriculum gaps in achieving PO's and PSO's.
3. Evaluating program effectiveness and proposing necessary changes.
4. Measuring the extent of adherence to planned activities and calendar of events.

2. Department Advisory Committee (DAC)

In an attempt to bring about continuous improvement, DAC has been formed. The DAC consists of faculty members & technical staff of the department, academicians from other institution, resource persons from Industry, alumni and students. Following are the members of the DAC.

Table 7.2-B: Department Advisory Committee Members

Sl. No.	Name	Designation	Affiliation
1	Dr. P N Sudha	Professor & HOD, Chairperson	KSIT
2	Dr. Siddesh G K	Professor & HOD	JSSATM, Bangalore
3	Dr. Joy Prabhakaran	Professor, Key Resource Person	KSIT
4	Dr. Manjunatha R	Principal Consultant	Wipro Technologies, Bangalore
5	Mr. Gurusharan B S	Alumni -2010-2014 Batch, Proprietor	Pathfinder NRI, Jayanagar 9 th Block, Bangalore
6	Dr. B Sudarshan	Professor	KSIT
7	Mr. Santosh Kumar B R	Associate professor	KSIT
8	Mrs. Jayasudha B S K	Assistant Professor	KSIT
9	Mr. Dinesh	Foreman	KSIT
10	Mr. Abhijith Sudhir	Student	KSIT
11	Mr. Rahul P Nadig	Student	KSIT
12	Mr. Sai Govardhan	Student	KSIT
13	Mr. Shreyas D R	Student	KSIT
14	Mr. Karthik K	Student	KSIT
15	Mr. Srinivasan M	Student	KSIT
16	Mr. Uday C H	Student	KSIT
17	Mr. Ajay Girish	Student	KSIT

Roles and Responsibilities of the Departmental Advisory Committee (DAC)

1. Study and suggest improvement in all the academic activities in the department including identification of faculty to teach courses, offering elective courses and time table preparation and so on.
2. Introduce best practices/systems for attainment of PEO's.
3. Encourage industry-institute interactions to bridge curriculum gaps and suggest initiatives to enhance employability skill sets.
4. Redefine existing PEO's (As and when felt necessary), aligning of PEO's to the mission statements and defining program specific outcomes.
5. Constantly monitor the skill sets among current students and propose necessary action plan for skill development through technical and soft skills training.
6. Encourage 'Entrepreneurship Development' through special training.
7. Identify and suggest thrust areas to conduct various activities like final year projects, training courses and additional experiments to meet PEO's.
8. Evaluate proposals/ offers for internship and guide students with respect to advanced technologies sought from the industries.

9. Plan Guest Lectures (Minimum two to three) and Industrial Visits (Minimum two) throughout the semester.
10. Motivate students to organize Project Exhibition and also participate in competitions.
11. Plan any academic activity like Workshops and Seminars.
12. Sustaining the activities of Professional Bodies and their Students Chapters.

3. Internal Audit

After completion of the semester, there shall be verification of course files and personal file of all the staffs. The department invites two senior faculties from another department to get the internal audit done. The following are the particulars to be verified under the course file and personal file.

Table 7.2-C: Course File Contents

Sl. No.	Particulars
1	Front Page
2	Vision, Mission of Institute and Department
3	PEO's, PSO's and PO's
4	CO PO PSO Mapping
5	Calendar of Events of Department & College
6	Student Details
7	Individual and Class Time Table
8	Syllabus
9	Lesson Plan
10	Assignment Questions with Scheme
11	IA question Paper with Scheme
12	All IA marks and final AVG marks
13	Slow Learners: Tutorial classes conducted proof
14	Advance Learners: Challenging questions, Question papers from other regional universities, IIT, NIT, Competitive Exam Question Papers - GATE/IES, Mini projects etc.
15	Pedagogy Report and Proofs (Proof of usage of ICT Tools)
16	Content beyond syllabus Material (if any)
17	Question Bank for each Module
18	Previous year VTU Question papers, Scheme for evaluation
19	Course end Survey
20	CO PO attainment

Table 7.2-D: Personal File Contents

Sl. No.	Particulars
1	Academic related marks cards (SSLC, PUC, UG, PG, If available Ph.D.)
2	Experience Certificate
3	Appointment Letter
4	Ph.D. Registered copy (Till date status details - progress reports, Comprehensive reports etc.)
5	Publication details
6	Salary slips (Last one year)
7	Aadhar Card, Pan Card, PF No. Details
8	VTU Examination order copy / Attended details
9	Valuation details
10	Other university work details
11	Promotion letter
12	Awards
13	Workshop attended / conducted
14	Membership details (IEI/ ISTE / SAE etc.)

4. External Audit

We invite Academicians from sister institution to verify the academic process which is being carried out in our department. The following are the particulars to be verified by the expert.

Table 7.2-E: Check List for Audit

Sl. No.	Particulars
1	Sample Course File
2	Student Attendance Record
3	Sample Blue Books
4	Class Committee Meeting Record
5	Student Mentor Process
6	Faculty Feedback
7	Result Analysis File
8	Internal Audit Proof

❖ Course File:

Every faculty has to maintain a course file for each subject they teach. Course file shall include all the particulars which is mentioned in the course file content table

❖ Student Attendance Record:

There shall be an attendance register for each subject maintained by the respective subject faculty. All the three internal assessment marks and average marks will be entered in attendance register.

❖ Sample Blue Books:

Each student will write all the three internal assessments in a single book. There will be one blue book for each subject.

❖ Class Committee Meeting Details:

After the internal assessment, Class committee meeting will be conducted. Meeting will be conducted twice in a semester, once after 1st Internal and one more after 2nd Internal. Class committee shall include HOD, class teacher and some students. Discussion will happen on syllabus coverage, level of internal question paper and feedback on faculty. The outcome of the meeting is conveyed to subject teachers.

❖ Student Mentor Process:

For a group of twenty students, one mentor is assigned. After each Internal Assessment (IA) students will be mentored based on their IA performance, the students are advised by their respective mentor to improve their academic performance. The students are also advised based on their performance in external examination. Parents-teacher meetings are conducted every semester.

❖ Faculty Feedback:

After 1st and 2nd internal assessment test, feedback from students will be taken on each faculty through web portal. The printout of the feedback will be taken by the head of the institution and evaluates the same. Then feedback will be handed over to the department HODs. HODs intern hands over it to respective staffs. If the feedback is less than 80%, then the respective faculty shall write an explanation and submit it to the principal.

❖ Result Analysis

After completion of university exams, the department shall maintain pass percentage of each subject, section wise pass percentage, number of FCD's, number of FC's, number of SC's and number of failed students.

❖ About Internal Audit

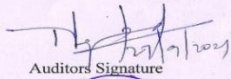

Department shall maintain internal audit reports of every semester.

C. Audit Findings:

K S INSTITUTE OF TECHNOLOGY					
Kanakapura Main Road, Raghuvanahalli, Bengaluru-560109					
Internal Academic Audit Report					
Department: Electronics and Communication Engineering				Academic Year: 2020-2021 (Even)	
Sl. No.	Name of the Staff	Sem & Section	Subject Name & Code	Strength noticed during Auditing	Weakness noticed during Auditing
1	Dr. P.N. SUDHA	VI A & B	18EC63 Microwave and Antennas	Challenging Questions	Nil
		Personal File		Updated	Nil
2	Dr. SUREKHA B	VIII A & B	17EC835 Network and Cyber Security	IA question paper with scheme	Nil
		Personal File		Updated	Nil
3	Dr. SANGAPPA S.B	VIII A	Wireless Cellular and LTE 4G Broadband (15EC81)	IA question paper with scheme	Pedagogy
		Personal File		Updated	Nil
4	Dr. JOY PRABHAKARAN P.	VI A & B	18CS652 Introduction to Data Structure and Algorithms	IA question paper with scheme	Nil
		Personal File		Updated	Nil
5	Dr. B. SUDHARSHAN	VI A & B	18EC641 Operating System	IA question paper with scheme	Nil
		IV B	18ECL47 Microcontroller Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
6	Mr. SANTHOSH KUMAR B.R	IV A & B	18EC42 Analog Circuits	IA question paper with scheme	Nil
		IV A	18ECL48 Analog Circuits Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
7	Mrs. VISHALINI DIVAKAR	II D&E	Basic Electrical Engineering (18ELE23)	IA question paper with scheme	Nil
		II D&E	Basic Electrical Engineering Laboratory (18ELE27)	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil

8	Mrs. JAYASUDHA B.S.K	VI A&B	18EC646 Python Application Programming	Teaching Pedagogy	Challenging Questions
		VI A&B	Embedded Controller Lab (18ECL67)	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
9	Mr. SAMPATH KUMAR S.	IV B	18EC43 Control Systems	IA question paper with scheme	Challenging Questions
		VI B	18ECL67 Communication Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
10	Mr. SUNIL KUMAR G.R.	IV A	18EC46 Microcontroller	IA question paper with scheme	Nil
		IV A	Microcontroller Laboratory (18ECL47)	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
11	Mrs. SANGEETHA V.	VI A&B	18EC61 Digital Communication	Assignment question with scheme	Nil
		VI A	18ECL67 Communication Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
12	Mr. PRAVEEN A.	VI A	18EC43 Control Systems	IA question paper with scheme	Nil
		VI A&B	15ECL68 / 17ECL68 Computer Networks Lab	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
13	Mr. CHRISTO JAIN	IV B	18EC46 Microcontroller	Assignment question with scheme	Nil
		IV B	18ECL47 Microcontroller Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
14	Mr. SALEEM S TEVARAMANI	VIII A&B	17EC82 Fiber Optics & Networks	IA question paper with scheme	Nil
		VI B	18ECL67 Communication Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
15	Mrs. PRAGATHI.P.	IV A&B	18EC45 Signals & Systems	Assignment question with scheme	Nil
		IV B	18ECL48 Analog Circuits Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil

16	Mrs. ARUNA RAO B P	VI A&B	18EC62 Embedded Systems	Question Bank	Nil
		VI A	18ECL66 Embedded Systems Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
17	Mrs. POOJA S	VIII B	17EC81 Wireless Cellular and LTE 4G Broadband	IA question paper with scheme	Challenging Questions
		VIII A&B	17EC833 Radar Engineering	IA question paper with scheme	Nil
		Personal File		Updated	Nil
18	Mrs. Smitha Mallya	II	18ELN24 Basic Electronics	Assignment question with scheme	Challenging Questions
		VI B	18ECL66 Embedded Systems Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		II	18ELEL27 Basic Electrical Engineering Laboratory,	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
19	Mrs. Yeshwini V	IV A&B	18EC44 Engineering Statistics & Linear Algebra	IA question paper with scheme	Nil
		IV A	18ECL48 Analog Circuits Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil
20	Mrs. Priyadarshini J Patil	II A	18ELE23 Basic Electrical Engineering	Assignment question with scheme	Pedagogy
		II A	18ELEL27 Basic Electrical Engineering Laboratory	Lab experiment videos are recorded and are made available to students.	Nil
		Personal File		Updated	Nil

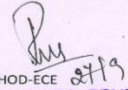


HOD-ECE
HEAD OF THE DEPARTMENT
 Dept. of Electronics & Communication Engg
 K.S. Institute of Technology
 Bengaluru - 560 109

Figure 7.2-2: Internal Audit



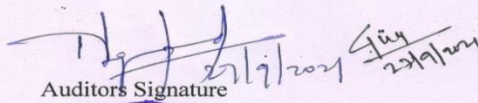

K S INSTITUTE OF TECHNOLOGY
 Kanakapura Main Road, Raghuvanahalli, Bengaluru-560109

Internal Academic Audit Report

Department: Electronics and Communication Engineering

Academic Year: 2020-2021 (Even)

1. Faculties have maintained their course files as per check list.
2. Personal files are maintained and updated as per the check list.
3. One or two particulars were missing in course files of few faculties.

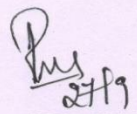

HOD-ECE
HEAD OF THE DEPARTMENT
 Dept. of Electronics & Communication Engg
 K.S. Institute of Technology
 Bengaluru - 560 109

Figure 7.2-3: Internal Audit Findings Report

External Academic Audit Report

for

Department of Electronics and Communication Engineering, KSIT, Bengaluru-109

Academic Year: 2020-2021

Sl. No.	Particulars to be Verified	Yes/ No
1	Sample Course File	YES
2	Student Attendance Record	YES
3	Sample Blue Books	YES
4	Class Committee Meeting Record	YES
5	Student Mentor Process	NO
6	Faculty Feedback	YES
7	Result Analysis File	YES
8	Internal Audit Proof	YES

Audit Observations:

1. Faculties have maintained their course files.
2. Student's attendance was taken online and the same has been reflected in attendance registers.
3. Evaluation of internal assessments for respective courses are done as per the scheme and solution defined.
4. Class committee meetings (CCM) were conducted online.
5. Student mentor process did not happen due to pandemic.
6. Faculty feedback form of each faculty have been maintained.
7. Result analysis files has been maintained.
8. Microcontroller laboratory kits were purchased.
9. Internal audit of each semester has been carried out and proof of the same has been maintained.
10. Department has organised national level FDP on Wireless Technology in three phases sponsored by AICTE and ISTE.



Auditor

Dr. K. Chandrashekhara

**HOD, Department of Electronic
& Communication Engineering**
Jyothy Institute of Technology
Tataguni, Off Kanakapura Road,
Bangalore, 560 062.

Figure 7.2-4: External Audit Findings Report

D. Action Plan Based on Audit:

Table 7.2-F: List of Action Plan

Sl. No.	Action Plan
1	8051 Microcontroller kits as per new syllabus to be procured.
2	DAC appreciated the commitment shown by faculties in online mode of teaching-learning process.
3	DAC insisted on faculties to upgrade their knowledge by doing online courses of their interests.
4	DAC has directed to organize faculty development programs.

E. Implementation and Effectiveness of Audit:

The following images are proofs for implementation and effectiveness of audit process.



Kannavari Sangham (R) 1952
K.S. GROUP OF INSTITUTIONS
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K.S. INSTITUTE OF TECHNOLOGY
Accredited By NAAC
14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560 109.
Tel : 080 28435722 / 24. Fax : 080 28435723
E-mail : principal.ksit@gmail.com / principal@ksit.edu.in | website : www.ksit.edu.in

Ref: Quotation Dated Vasundara/KSIT/EC/MC /2019-20/PO/5974 Date: 04.2.2020

To,
Vasundra Technologies
#22, Sri Bakula Anugraha, 1st Cross,
New Bank Colony, Near Soudhamini
Kalyana Mantapa, Kinnakunte,
Bangalore-560062
Ph: 08-26321466

Dear Sir,

Sub: Purchase order for 8051 Microcontroller Kits.

With reference to the above, we are pleased to place an order for the Microcontroller kits as per new syllabus of Microcontroller lab in Electronics and Communication Department at K.S.I.T., #14, Raghuvanahalli, Kanakapura Main Road, Bangalore - 560109. Specifications, Terms and Conditions of the items are as below.

Sl No	Item	Qty	Unit Price in Rs	Total Price in Rs
1	Microcontroller-8051 kit VT- 8051 -4.1	10	6,500=00	65000=00
Total				65,000=00
LESS : Discount 20 %				13,000=00
Subtotal				52,000=00
GST @ 18 %				9,360=00
Grand Total				61,360=00

List of Deliverables:

1. Contains the entire below mentioned interface modules built on single board.
2. Interface Modules included VT 8051-4.1
3. Interfacing of ADC by connecting a variable voltage supply to the input of ADC and by reading the 8 bit output of ADC display it on 8 LEDs connected to port lines.
4. Interface DAC to generate different waveforms (like sine, square, triangular and Ramp)
5. Hex keypad interface.
6. Interface stepper motor and control its speed and direction.
7. Interface push button switch & seven display, count the number (from 0 to 9999) of times the switch is pressed and display it on seven segment display.

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E-mail : principal.ksit@gmail.com / principal@ksit.edu.in | website : www.ksit.edu.in

8. Interface 16X2 LCD module &
9. To output a message on the display.
10. To create a moving display.
11. To display two messages alternately one on first line and another on 2nd line.
12. DC motor interface
13. Relay interface with LED indication
14. Buzzer interface
15. Traffic Light interface
16. USB Flash programmer.
17. Accessories included
18. Adaptor 12v/1 amp
19. USB cable
20. User manual

Terms & Conditions

1. Sales Tax : GST 18% Extra.
2. Delivery : 2-3 Weeks from the date receipt of purchase order.
3. Payment : 100% against installation.
4. Warranty : One Year from the date of delivery.
5. Validity : 45 Days
6. FDP : Technical & Resource Support must be extend

Billing Address: Dept of Electronics & Communication Engg. K.S.Institute of Technology,
Raghuvanahalli, Kanakapura Main Road, Bengaluru- 560109

Thanking you.


 S. 2. 2020
SECRETARY

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Figure 7.2-5: Purchase Order for 8051 Microcontroller Kits

Table 7.2-G: List of Courses Completed by Faculties

Sl. No.	Year	Name of the Faculty	Designation	Title of the Course	Duration	Completed on	Platform
1	2020-21	Dr. P N Sudha	Professor	Mind Control: Managing Your Mental Health During COVID-19	4 weeks	06/08/2020	Coursera
2		Dr. P N Sudha	Professor	Programming for Everybody (Getting Started with Python)	4 weeks	07/07/2020	Coursera
3		Dr. B. Surekha	Professor	Learn Vivado from Top to Bottom	4.5 hours	26/02/2021	Udemy
4		Dr. B. Surekha	Professor	Buddhism and Modern Psychology	6 weeks	13/08/2020	Coursera
5		Dr. B. Surekha	Professor	Image and Video Processing	4 weeks	20/07/2020	Coursera
6		Dr. B. Surekha	Professor	Computer Vision - Image Basics with OpenCV and Python, from Coursera Project Network	2 hours	18/07/2020	Coursera
7		Dr. B. Surekha	Professor	FPGA computing systems: Background knowledge and introductory materials	4 weeks	18/07/2020	Coursera
8		Dr. B. Sudarshan	Professor	Introduction to Artificial Intelligence (AI)	4 weeks	17/08/2020	Coursera
9		Dr. B. Sudarshan	Professor	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	4 weeks	24/07/2020	Coursera
10		Dr. B. Sudarshan	Professor	Effective Problem-Solving and Decision-Making	4 weeks	24/07/2020	Coursera
11		Mrs. Jayasudha B S K	Assistant Professor	Capstone: Retrieving, Processing, and Visualizing Data with Python	7 weeks	20/12/2020	Coursera
12		Mrs. Jayasudha B S K	Assistant Professor	Statistical Data Visualization in Python	3 hours	18/11/2020	Coursera
13		Mrs. Jayasudha B S K	Assistant Professor	COVID19 Data Analysis Using Python	3 hours	31/10/2020	Coursera
14		Mrs. Jayasudha B S K	Assistant Professor	Electrodynamics: An Introduction	5 weeks	21/09/2020	Coursera

15	Mrs. Jayasudha B S K	Assistant Professor	Myocardial Infarction	5 weeks	10/09/2020	Coursera
16	Mrs. Jayasudha B S K	Assistant Professor	Improving Classroom Management with Class Dojo	3 hours	05/09/2020	Coursera
17	Mrs. Jayasudha B S K	Assistant Professor	Dimensionality Reduction using an Autoencoder in Python	3 hours	24/08/2020	Coursera
18	Mrs. Jayasudha B S K	Assistant Professor	AI for Medicine	10 weeks	03/08/2020	Coursera
19	Mrs. Jayasudha B S K	Assistant Professor	Multiple Linear Regression with scikit-learn	3 hours	01/08/2020	Coursera
20	Mrs. Jayasudha B S K	Assistant Professor	Exploratory Data Analysis with Seaborn	3 hours	31/07/2020	Coursera
21	Mrs. Jayasudha B S K	Assistant Professor	Logistic Regression with NumPy and Python	3 hours	29/07/2020	Coursera
22	Mrs. Jayasudha B S K	Assistant Professor	Unsupervised Machine Learning for Customer Market Segmentation	3 hours	23/07/2020	Coursera
23	Mrs. Jayasudha B S K	Assistant Professor	University Admission Prediction Using Multiple Linear Regression	3 hours	21/07/2020	Coursera
24	Mr. Sunil Kumar G R	Assistant Professor	Learning Needs Analysis	5 hours	28/12/2020	Udemy
25	Mr. Sunil Kumar G R	Assistant Professor	Learning and Development Methods	3.5 hours	03/12/2020	Udemy
26	Mr. Sunil Kumar G R	Assistant Professor	Introduction to Learning Development (HR)	2 hours	01/12/2020	Udemy
27	Mrs. V. Sangeetha	Assistant Professor	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	4 weeks	13/08/2020	Coursera
28	Mrs. V. Sangeetha	Assistant Professor	Introduction to Artificial Intelligence (AI)	4 weeks	03/09/2020	Coursera
29	Mrs. V. Sangeetha	Assistant Professor	How to Write and Publish a Scientific Paper	4 weeks	19/08/2020	Coursera
30	Mr. Christo Jain S	Assistant Professor	Make the most of your research: Publish your data & methods	1.5 hour	11/08/2020	Elsevier
31	Mr. Christo Jain S	Assistant Professor	Systematic reviews 101	1.5 hour	11/08/2020	Elsevier

32	Mr. Christo Jain S	Assistant Professor	An editor's guide to writing review article	1.5 hour	11/08/2020	Elsevier
33	Mr. Christo Jain S	Assistant Professor	How to write case reports	1.5 hour	11/08/2020	Elsevier
34	Mr. Christo Jain S	Assistant Professor	How to write for an interdisciplinary audience	1.5 hour	11/08/2020	Elsevier
35	Mr. Christo Jain S	Assistant Professor	Why write a book?	1.5 hour	11/08/2020	Elsevier





Figure 7.2-6: Certificates of Course Completion



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*The Management, Principal & Staff
cordially invite you to the Inaugural Function
of 6 Days **AICTE – ISTE Induction / Refresher program**
on*

“Next Generation Wireless Communication : 5G & it's implementation”
on Monday, 21st December, 2020 at 10.00 AM

Chief Guest
Dr. Pratapsinh Kakasaheb Desai
President, ISTE New Delhi

Presided By
Sri. Y. Ramachandra Naidu
President, Kammavari Sangham

Will Grace the Occasion
Sri. K. Venkatesh Naidu
Hon. Secretary, Kammavari Sangham

Sri D. Rukmangada
Treasurer, Kammavari Sangham

Dr. K.V.A. Balaji
CEO & Principal, KSIT

Dr. Sangappa S B
Chief Coordinator

Dr. P.N. Sudha
Program Chair

Organized By
Department of Electronics & Communication Engineering

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Chairman, Building Committee

Sri. D. Jagadish Kumar
Chairman, Hospital Committee

Sri. M. Sudhakar
Chairman, Legal Cell

Sri. P. B. Prakash Kumar
Chairman, Transport Committee

Sri. M. N. Padmanabha
Director

Sri. T. Kumar
Director

Sri. N. M. Krishnamurthy
Director

Sri. A. V. Nagaraj
Director

Sri. M. C. Varadaraja
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Member

Dr. K. V. A. Balaji
Chief Executive Officer

Zoom Link: <https://us02web.zoom.us/j/9271962337?pwd=VWZrcEg1V0E0WkhHTEYrcUR1cWwWUT09>
Meeting ID: 927 196 2337 **Password:** 211220
Venue: Mechanical Seminar Hall

Figure 7.2-7: Invitation of AICTE – ISTE Faculty Development Program

<p>Program Chair Dr. P. N. Sudha, HOD, Dept. of ECE</p> <p>Chief Coordinator Dr. Sangappa S. B, Prof & Dean (SW), Dept. of ECE</p> <p>Coordinator Mr. Santhosh Kumar B.R. Asst. Prof. Dept. of ECE Mrs. Jayasudha B S K Asst. Prof. Dept. of ECE Mrs. Sangeetha V Asst. Prof. Dept. of ECE</p> <p>Organizing Committee Dr. B Surekha Prof. Dept. of ECE Dr. B. Sudharshan Prof. Dept. of ECE Mrs. Jayasudha Asst. Prof. Dept. of ECE Mrs. Aruna Rao B.P Asst. Prof. Dept. of ECE Mr. Praveen A. Asst. Prof. Dept. of ECE Mr. Christo Jain Asst. Prof. Dept. of ECE</p> <p>Registration Committee Mr. Praveen. A Asst. Prof. Dept. of ECE Mr. Christo Jain Ass. Prof. Dept. of ECE Mrs. Pragati. P Asst. Prof. Dept. of ECE Mrs. Pooja S Asst. Prof. Dept. of ECE Mrs. Smitha Mallya Asst. Prof. Dept. of ECE</p> <p>Publicity & Inaugural Committee Mrs. Vishalini Divakar Asst. Prof. Dept. of ECE Mr. Sampath Kumar. S Asst. Prof. Dept. of ECE Mr. Sunil Kumar. G.R Asst. Prof. Dept. of ECE Mrs. Sangeetha V Asst. Prof. Dept. of ECE Mr. Saleem S Tevaramani Asst. Prof. Dept. of ECE Mrs. Priyadarshini. J. Patil Asst. Prof. Dept. of ECE</p> <p>For Registration https://bit.ly/KSIT_5G Registration limited to 100 participants and participants with 80 percent attendance will be given e-certificate</p> <p>Course Schedule Duration : 21st -26th Dec 2020 Timing : First Session: 10.00 am to 11.30am Second Session: 11.45 am to 1.15 pm Third Session: 2.00 pm to 3.30pm Mode: Online mode</p> <p>Who should attend the Course? • Faculty members from academics & research institutions / PhD Scholars / Postgraduates</p> <p>For Details Contact Mr. Santhosh Kumar B.R Mob: 9845532660 Mrs. Jayasudha B S K Mob: 9845896388</p>	<p>Chief Patrons Sri. Y. Ramachandra Naidu Hon. President, Kammavari Sangham Sri. K. Venkatesh Naidu, B.E Hon. Secretary, Kammavari Sangham Sri. D. Rukmangada, B.E, M.B.A Hon. Treasurer, Kammavari Sangham Dr. Pratapsinh Kakasaheb Desai President, ISTE New Delhi Col. B. Venkat Director FD Cell, AICTE New Delhi Dr. Suresh. D.S Chairman, ISTE Karnataka Section</p> <p>Patron Dr. KVA Balaji Principal / CEO, KSIT</p> <p>Advisory Committee National Executive Council Members ISTE New Delhi Dr. Sangappa S.B Dr. Prakash. J Dr. Rajappa Velur Dr. Malashetty. S.G Dr. Indumathi. T.S Dr. T.N. Sreenivasa Dr. M.S. Govinde gowda Dr. Puttmadappa. C Dr. C.K. Subbaraya Dr. Rangaswamy. B.E Dr. S.B Devaraju Dr. S.M. Shashidhara</p> <p>SMC Members ISTE Karnataka Dr. Narendra. B. K Sri. Lingaraj. G. Vaidya Dr. Sangamesh Sri. Nijananda Reddy Sri. Shashank. M. Gowda</p>	 <p>KSIT KAMMAVARI SANGHAM (R) - 1952 K S GROUP OF INSTITUTIONS K. S. INSTITUTE OF TECHNOLOGY Accredited by NAAC (Approved by AICTE & Affiliated to VTU) #14, Raghuvanthalli, Kanakapura Main Road, Bengaluru - 560 109 Ph: 28435722 / 24, Fax: 080 - 28435723 Email: principal@ksit.ac.in Web: www.ksit.ac.in</p>  <p>6 Days - AICTE -ISTE INDUCTION / REFRESHER PROGRAM On NEXT GENERATION WIRELESS COMMUNICATION : 5G & ITS IMPLEMENTATION 21st -26th Dec 2020</p> <p>Sponsored by</p>   <p>AICTE & ISTE New Delhi</p> <p>Organized by Department of Electronics & Communication Engineering</p>
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Figure 7.2-8: Brocher of AICTE – ISTE Faculty Development Program

7.3 Improvement in Placement, Higher Studies and Entrepreneurship (10)

Total Marks: 09

Institute Marks: 09

A. Improvement in Placement numbers, quality, core hiring industry, pay packages.

Table 7.3-A: Placement details by taking total number of students

Placement details by taking total number of students			
Academic Year	17-18	18-19	19-20
Total Number of students	109	118	100
Total number of placed students	67	85	73
Percentage of placement	61.5%	72.0%	73.0%

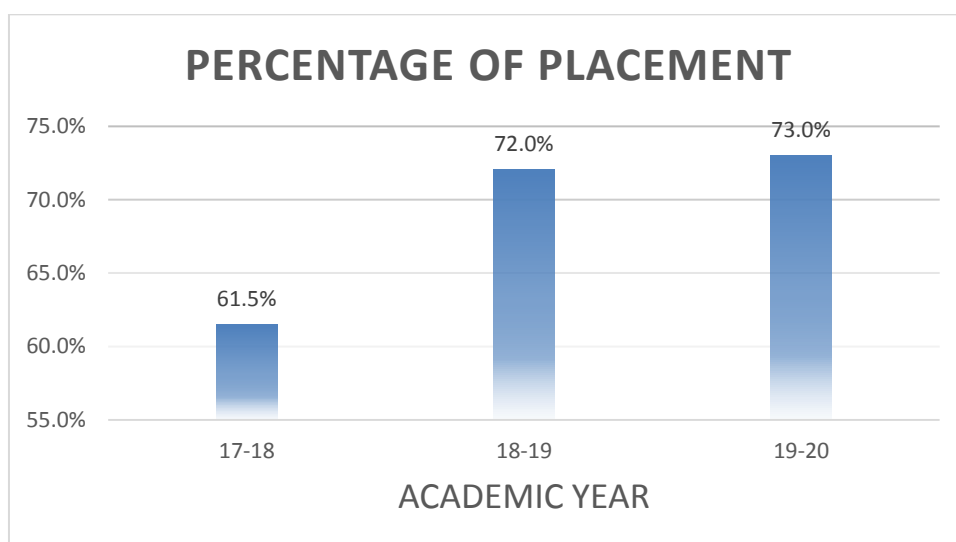


Figure 7.3-1: Placement percentage

Table 7.3-B: Number of students placed in core company

Number of Students Placed in Core Company			
Academic Year	17-18	18-19	19-20
Number students placed in core company	11	8	12
Highest Pay Package	4	4	4.5

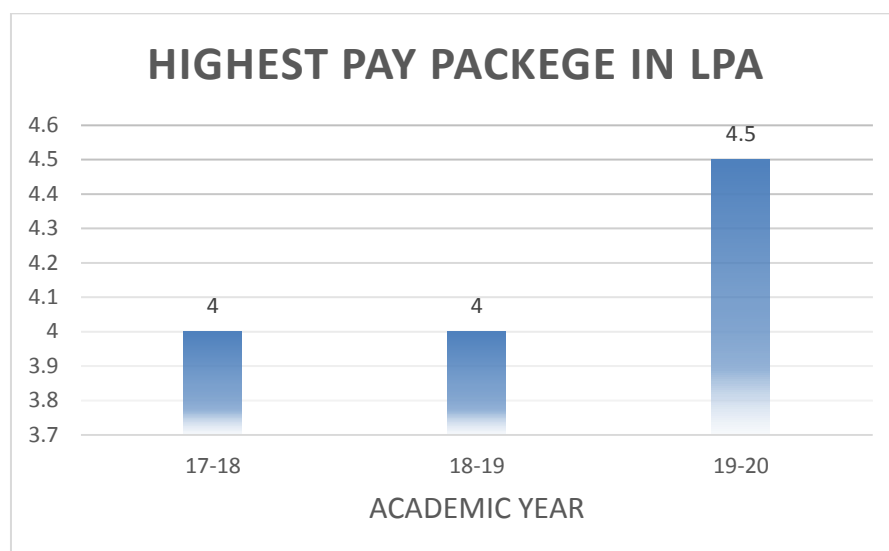


Figure 7.3-2: Highest pay package in LPA

Placement details:

The placed students list for three assessment years are listed in Table 7.3.C to Table 7.3.E.

Table 7.3-C: Placement data for the year 2019-2020

Sl. No.	Name of Student Placed	USN	Name of The Employer
1	AALIYA ZAINAB	1KS16EC002	1. NTT DATA 2. HUDL
2	ABHISHEK A NANDYAL	1KS16EC003	HUDL
3	ADITHYA D.M	1KS16EC004	NTT DATA
4	AKASH MAHANTESHHOSMANI	1KS16EC006	HUDL
5	ANIRUDH K N	1KS16EC009	1. NTT DATA 2. DXC TECHNOLOGY
6	ASHIK B N	1KS16EC011	NTT DATA
7	ASHWINI.S	1KS16EC013	NTT DATA
8	BHAGYA SHREE S T	1KS16EC015	TCS
9	BHARATH R	1KS16EC016	A. 24[7].ai B. HUDL C. SONATA S/W SOLUTIONS
10	BHOOMIKA P M	1KS16EC017	NTT DATA
11	BRUNDA S	1KS16EC018	CAPGEMINI
12	CHANDANA R	1KS16EC019	TCS NINJA
13	CHARAN A	1KS16EC020	ABC TECHNOLOGY (S)
14	DEEMANTH K P	1KS16EC022	1. TATA ELXSI 2. TCS NINJA
15	DEEPA	1KS16EC023	PRIMUS Global Technologies Pvt Ltd

16	HARSHINI B S	1KS16EC028	WIPRO
17	JAYAM HARESH THARUN	1KS16EC031	HUDL
18	JEEVITHA KALAASHILPA N.C	1KS16EC032	NTT DATA
19	Kadri Srinidhi Rao	1KS16EC034	Infosys
20	KARTHIK K	1KS16EC035	TCS NINJA
21	KOMAL KHANDELWAL	1KS16EC036	Infosys
22	BABY RAM	1KS16EC039	Covalense digital
23	LAKSHMI PRIYA. K	1KS16EC040	Infosys
24	LIKHITHA Y	1KS16EC041	Infosys
25	LOKESH S	1KS16EC042	Mindtree
26	SURYA M	1KS16EC043	TESTYANTRA
27	MADHU GOWDA	1KS16EC044	HUDL
28	MANIKANTAN G	1KS16EC047	Infosys
29	MEENAKSHI A	1KS16EC049	NTT DATA
30	MEGHASHREE V	1KS16EC050	NTT DATA
31	NAMITHA L	1KS16EC052	BOSCH
32	NAMRATHA G	1KS16EC053	L&T Technology Services
33	NAMRATHA G	1KS16EC054	NTT DATA
34	Neha Jayakumar Kotwal	1KS16EC057	NTT DATA
35	NEHA N V	1KS16EC058	TCS NINJA
36	POOJA K	1KS16EC061	TCS NINJA
37	PRATHIKSHA P	1KS16EC063	Infosys
38	PRATYUSHA S A	1KS16EC064	1. Infosys 2. SONATA
39	PRAVEEN TULASIDAS NAIK	1KS16EC065	HUDL
40	PRIYA S	1KS16EC067	Advent Global Solutions
41	RASHMIS	1KS16EC072	TCS NINJA
42	RAVI NANDAN	1KS16EC073	1. ABC TECHNOLOGY (S) 2. ALL BLUE SOLUTIONS
43	RAVI TEJA M	1KS16EC074	HUDL
44	SHWETHA S	1KS16EC076	Infosys
45	SACHIN M G	1KS16EC077	NTT DATA
46	SADHVIKA CHANDRA R	1KS16EC078	Infosys
47	Sahana D	1KS16EC079	Infosys
48	SAHANA KG	1KS16EC080	Infosys
49	SANANDA RAO	1KS16EC082	SIMPLOTTEL
50	SHEETAL J RAO	1KS16EC085	DXC TECHNOLOGY
51	SHREYAS K V	1KS16EC088	TCS NINJA
52	SHREYASHWINI V	1KS16EC089	HUDL
53	SHAILESHRAJ T. D	1KS16EC091	TCS

54	SONIKA V	1KS16EC094	NTT DATA
55	SPOORTHI M K	1KS16EC095	TCS
56	SUDHANSHU S SHARMA	1KS16EC096	TCS NINJA
57	SUHAS M V	1KS16EC098	MINDTREE
58	SUMA B S	1KS16EC099	TATA ELXSI
59	T G NITHYA	1KS16EC102	NTT DATA
60	TEJAS P	1KS16EC103	HUDL
61	VIDHYA K S	1KS16EC108	DXC TECHNOLOGY
62	VIDYA B	1KS16EC109	1. Advent Global Solutions 2. DXC TECHNOLOGY
63	VISMITHA SONNA SATHYANARAYANA	1KS16EC115	NTT DATA
64	VIVEK R	1KS16EC116	TCS NINJA
65	HARSHA C M	1KS17EC407	KAVERI TELECOM PRODUCTS LTD
66	HARSHITH K	1KS17EC408	TEAMLEASE
67	TEJASWINI B	1KS17EC413	IT Solutions Services
68	KRISHNA D	1KS16EC037	VISIONET
69	Mohammed Waleed	1KS16EC051	HP
71	Arpitha. C. V.	1KS17EC400	Wistron Infocomm
72	Vinay. N.	1KS16EC112	TEST YANTRA
73	Ashok Kumar	1KS17EC402	Happiest Minds Technologies Ltd

Table 7.3-D: Placement data for the year 2018-2019

Sl.	Name of Student Placed	USN	Name of The Employer
1	ABHISHEK S GOWDA	1KS15EC001	INFOSYS
2	AKSHATA	1KS15EC003	TCS
3	ALAKA	1KS15EC005	L&T INFOTECH
4	ALEKYARAGUNATH	1KS15EC006	COGNIZANT
5	ANKITA A RAIKAR	1KS15EC008	WIPRO
6	ANURAG R REDDY	1KS15EC009	NTT DATA
7	ARCHANA K N	1KS15EC011	UNISYS
8	ARJUN M KRISHNA	1KS15EC012	ANCIT
9	ARPITHA N V	1KS15EC014	NTT DATA
10	BHAMINI RAJANNA	1KS15EC016	INFOSYS
11	BHAVANA K M	1KS15EC017	INFOSYS
12	BHUMIKA R	1KS15EC018	UNISYS
13	BINDHU KUMAR K T	1KS15EC019	TCS
14	CHAITRA B	1KS15EC020	INFOSYS
15	CHANDANA G	1KS15EC021	COGNIZANT
16	DEEPASHREE R	1KS15EC024	TECH MAHINDRA
17	DHRUTHI SRIDHAR	1KS15EC025	Unisys
18	GIRESH KUMAR ENUGU	1KS15EC027	IP SOFT
19	GOWTHAM R	1KS15EC029	Path Front
20	HARSHA K N	1KS15EC032	NFAKTOR solutions Pvt.Ltd
21	HARSHIT RAMAMURTHY	1KS15EC033	UFT Inspired Innovations

22	HARSHITHA RAMESH	1KS15EC035	L&T INFOTECH
23	JUNAID KHAN	1KS15EC037	WIPRO
24	KAVYA M	1KS15EC039	RADOME TECHNOLOGIES
25	KAVYA N	1KS15EC040	RLABS
26	KISHORE BHAT U	1KS15EC042	ANCIT
27	MAHIMA PADMANABHA	1KS15EC047	BYJU'S
28	MANJUNATHA B	1KS15EC048	HEALTHELIFE
29	MANOJ K	1KS15EC049	BLUE STREAM
30	MEGHA SANJAY	1KS15EC051	INBRIDGE SOLUTIONS
31	MEGHASHREE R T	1KS15EC052	TECH MAHINDRA
32	MEGHA V	1KS15EC053	INFOSYS
33	MEGHANA.K. V	1KS15EC054	FUTUREBIZTECH
34	MUKULVENKATESH	1KS15EC055	NTT DATA
35	NAGABHUSHAN BHAT	1KS15EC056	NTT DATA
36	NAGESH N DIKSHIT	1KS15EC057	NIIT Limited
37	NANDA S	1KS15EC059	WIPRO
38	P ANKITHA	1KS15EC060	ASK IT SOLUTIONS
39	PATHIPATI PAVITHRA	1KS15EC061	L&T INFOTECH
40	PALLAVI T K	1KS15EC062	NTT Data Services
41	PAVAN S PATIL	1KS15EC064	PATH FRONT
42	POOJA N RAO	1KS15EC065	CHECK POINT
43	POOJA M	1KS15EC066	PATH FRONT
44	PRAGATHI	1KS15EC067	L&T INFOTECH
45	PRAGNA B R	1KS15EC068	NTT DATA
46	POOJARY PRAVEEN	1KS15EC070	NTT DATA
47	PUNITH N	1KS15EC072	TCS
48	RAKSHITHA S	1KS15EC074	6d Technologies
49	RASHMI SRINIVASAN	1KS15EC077	TCS
50	SANJANA P NADIG	1KS15EC084	BYJU'S
51	SANJANA S	1KS15EC085	TCS
52	SANNIDHI SHETTY	1KS15EC086	NTT DATA
53	SANTHOSH K	1KS15EC087	INFOSYS
54	SATHWIK JAIN B N	1KS15EC089	NTT DATA
55	SHANKAR RAM	1KS15EC090	NTT DATA
56	SHREYASWINI.C. K	1KS15EC091	BHARAT ELECTRONICS
57	SHWETHASHREE	1KS15EC092	NTT DATA
58	SKANDA H N	1KS15EC094	NTT DATA
59	SMITHA S KARANTH	1KS15EC095	LTI
60	SPOORTHY U S	1KS15EC096	GREAT LEARNING
61	SUBRAMANYA	1KS15EC097	NTT DATA
62	SUVIJITH SURESH	1KS15EC100	L&T INFOTECH
63	SWATHI K S	1KS15EC101	NTT DATA
64	UDAYKUMAR V	1KS15EC103	INFOSYS
65	VARSHA R	1KS15EC104	ADVENT GLOBAL SOLUTIONS
66	VISHWAS KK	1KS15EC105	INFOSYS
67	YASHWINIDIVAKAR	1KS15EC106	INFOSYS
68	MUNEEB FAYAZ	1KS15EC107	NTT DATA
69	SUHAIL YOUSUF BHAT	1KS15EC108	ABC'S CSR
70	AJAY KUMAR.L	1KS16EC400	EPSOFT TECH SERVICES

71	ASHWINI.B. V	1KS16EC403	cFIRST
72	CHARAN BABU S K	1KS16EC405	ADVENT GLOBAL Solutions
73	HARSHA N	1KS16EC414	ARTECH
74	NAMRATHA.T. R	1KS16EC424	INBRIDGE SOLUTIONS
75	SUJAN.G	1KS16EC433	THINK and LEARN PRIVATE
76	HARISH REDDY K. S	1KS16EC413	Procrain Consulting Services
77	SUSHANT	1KS16EC439	Seaman Staffing Solutions
78	ADUSUMILLI UDAY	1KS15EC002	TCS
79	CHEZHAN N SHETTY	1KS15EC023	SIGMA
80	HARSHITHA G BHAT	1KS15EC034	BYJU'S
81	HARSHITHA V	1KS15EC036	DXC TECHNOLOGIES
82	KODIDELA ROHINI	1KS15EC043	TECH MAHINDRA
83	M SRI SAI CHARITHA	1KS15EC045	CHETU WORLD CLASS
84	SANJAY KARANTH M	1KS15EC046	HEALTHIFYME
85	ASHWINI A	1KS16EC402	BYJUS

Table 7.3-E: Placement data for the year 2017-2018

Sl. No.	Name of the student	USN	Name of the company placed
1	AAKASH.P. S	1KS14EC001	Tech Mahindra
2	ABHISHEK.R	1KS14EC003	PIXEL
3	ABILASH.K. J	1KS14EC005	Blueberry
4	AISHWARYA.C. S	1KS14EC007	NTT DATA
5	AISHWARYA VEDAGIRI HEMADRI	1KS14EC009	MPHASIS
6	AKSHATHA.C. R	1KS14EC012	Method Electronics INDIA Pvt. Ltd.
7	AKSHAYA R K	1KS14EC013	PATH FRONT
8	AMBRUNI AMARNATH	1KS14EC014	COGNIZANT
9	AMITH SRIKAANTH	1KS14EC015	TEK systems
10	ANIRUDH.H. S	1KS14EC017	DXC Technology
11	ANUSHA.R	1KS14EC018	Atos
12	ASHISH KUMAR.R	1KS14EC021	HERBALIFENUTRITION
13	BHARAMARAMBA. L.S	1KS14EC024	BYJU'S
14	SRUTHI BOGGARAPU	1KS14EC025	NTT DATA
15	C. KRISHNA PRASAD	1KS14EC026	NTT DATA
16	CHEZHANA NANJEGOWDA	1KS14EC027	NTT DATA
17	HARSHAVARDHAN.K	1KS14EC036	MICRON
18	JAGADISH.S	1KS14EC039	L&T Technology Services
19	KRISHNA R PURUSHOTHAM	1KS14EC045	ANORA
20	MANISHA JAYSON	1KS14EC051	HSBC
21	NAGANDH.B	1KS14EC055	ACCENTURE
22	NANDU RAJESHWARI	1KS14EC057	NTT DATA
23	NAVITHA.T	1KS14EC059	Mind Tree
24	NEHA SHRIDHAR	1KS14EC060	INFOSYS
25	NIHANTH	1KS14EC062	SAMSUNG

26	NISHCHITHA N	1KS14EC065	Atos
27	NITHIN SHANKAR	1KS14EC066	Q-SPIDERS
28	P. DEVIKA	1KS14EC067	TCS
29	PALLAVI.C	1KS14EC070	ACCENTURE
30	PAVAN.B. V	1KS14EC071	THE ENGINEER STORE
31	PAVITHRA S	1KS14EC072	COGNIZANT
32	PRAGATHI RAVINDRA	1KS14EC074	NTT DATA
33	PRAJNA SHETTY	1KS14EC075	EVRY
34	PRAJWAL.M	1KS14EC076	PACECOM
35	PRAVEEN PRASANNA G	1KS14EC077	NTT DATA
36	RABICHITH	1KS14EC078	Cognizant
37	RAKSHA GHOSH	1KS14EC080	NTT DATA
38	RAKSHITH V	1KS14EC081	ROBERT BOSCH
39	RAMISETTY LAKSHMI SRINIVAS	1KS14EC083	COGNIZANT
40	RAMYA R	1KS14EC084	SBEE
41	RITU PRASANNASIMHA	1KS14EC086	INFOSYS
42	ROYSTON DSOUZA	1KS14EC089	WIPRO
43	SAHANA GOWRI	1KS14EC091	NTT DATA
44	SANDEEP.B.C	1KS14EC092	WEST LINE SHIP MANAGEMENT
45	SHREYAS YADAWAD	1KS14EC096	L3HARRIS
46	SNEHA G M	1KS14EC098	ACCENTURE
47	SNEHA K	1KS14EC099	COGNIZANT
48	SOUNDRYA S LOKESHWARI	1KS14EC100	ROBERT BOSCH
49	SOWMYA B. K	1KS14EC102	ROBERT BOSCH
50	SRI NITHYA. S	1KS14EC103	NTT DATA
51	TEJAS D S	1KS14EC108	NTT DATA
52	V.TEJAS GOWDA	1KS14EC110	ANSR SOURCE
53	YUKESH RAVICHANDRAN	1KS14EC118	INFOSYS
54	AKSHAY KUMAR.A	1KS15EC401	AMAZON
55	MOHAN REDDY B	1KS15EC405	ROOMAN
56	BANDA TEJAVARDHAN	1KS15EC407	HICAL
57	CHETHAN K. P	1KS15EC409	CANARYS
58	HARI J N	1KS15EC410	CANARYS
59	HARISH KUMAR J	1KS15EC411	CANARYS
60	MOHAN RAO.V	1KS15EC415	KOLORS
61	PRAMOD K B	1KS15EC417	MANAGED CONNECT ITSERVICES INDIA
62	KISHAN KUMARTHUNGA.R	1KS15EC413	Neo Raya Software Solutions Pvt. Ltd.
63	PRASAD POOJARY	1KS15EC418	Sigma AVIT
64	SPOORTHY.C	1KS15EC423	ARTECH Infosystems Pvt. Ltd.
65	YASHASWINI.S	1KS15EC430	QUESS
66	HARSHITHA.S	1KS14EC038	Business Solution International
67	K. S. SANJANA	1KS14EC043	ELAIT

B. Improvement in Higher Studies admissions in premium institutions:

Table 7.3-F: Higher Studies Enrolment Details

Sl. No.	Academic Year	Number of Students Admitted for Higher Studies
1	2019-2020	3
2	2018-2019	7
3	2017-2018	12

Table 7.3-G: Higher Studies Enrolment for AY 2019-20

Sl. No.	Name of Students Enrolled into Higher Education	USN	Name of the Institution	Name of the Program Admitted to
1	Divyalakshmi G.	1KS16EC026	PES University, Bangalore	MBA
2	Madhu N.	1KS16EC045	The University of ADELAIDE	Master of Engineering (Electronic Engineering)
3	Sai Tarun Tadiparti	1KS16EC081	Vellore Institute of Technology	M. Tech. (Embedded Systems)

Table 7.3-H: Higher Studies Enrolment for AY 2018-19

Sl. No.	Name of Students Enrolled into Higher Education	USN	Name of the Institution	Name of the Program Admitted to
1	Anusha	1KS15EC010	DSU, Bangalore	M. Tech.
2	Mayanka Gupta	1KS15EC050	VTU PG Centre, Belgavi	M. Tech. (Artificial intelligence and machine Learning)
3	Sai Pranav	1KS15EC080	Illinois Institute of Technology, Chicago	M. S. (Cyber Security Engineering)
4	Akshaya Ram Badala	1KS15EC004	RMIT, Melbourne	Masters of Analytics
5	Gururaj Reddy J.	1KS15EC030	Institute of Management and Studies, Bangalore	MBA
6	Jagadish S.	1KS16EC417	BIT, Bangalore	M. Tech. (Digital Electronics)
7	Shwetha S.	1KS15EC093	ULM University, Germany	M. S. (Energy Science and Technology)

Table 7.3-I: Higher Studies Enrolment for AY 2017-18

Sl. No.	Name of Students Enrolled into Higher Education	USN	Name of the Institution	Name of the Program Admitted to
1	Bose Babu V. M.	1KS14EC115	Lovely Professional University, Punjab	MBA
2	Vara Lakshmi N.	1KS14EC112	VIT, Vellore	M. Tech.
3	Sanath Gowtham G.	1KS14EC031	VIT, Vellore	M. E.
4	Joshna J. G.	1KS14EC041	PES University, Bangalore	M. Tech.
5	Ullas S.	1KS14EC109	BIT, Bangalore	M. Tech.
6	Ashish G. A.	1KS14EC020	Furtwangen University of Applied Sciences, Germany	M. S.
7	Lavanya S.	1KS14EC047	SJBIT, Bangalore	M. Tech.
8	Mrudulla Yogesh Pole	1KS14EC054	University of New Haven, USA	M. S.
9	Manikanta S. Rao	1KS14EC050	University of Degli Studi Di GENOVA, Germany	M. S. (Internet and Multimedia Telecommunications)
10	Harsh Dinesh Patel	1KS14EC035	Fanshawe, Canada	M. S. (Electronics & Embedded Systems Development)
11	Arjula Harshitha Reddy	1KS14EC019	ISI, L'institut Supérieur d'Informatique	M. S. (Networks and Security)
12	K. S. Sanjana	1KS14EC045	UVCE, Bangalore	M. Tech. (ECE)

C. Improvement in number of Entrepreneurs:

Table 7.3-J: Entrepreneur Details

Sl. No.	Academic Year	Number of Student Entrepreneurs
1	2019-2020	No data
2	2018-2019	1
3	2017-2018	2

Table 7.3-K: Entrepreneur Details

Sl. No.	Year of Passing	USN	Name of Student	Name of the Company Start-Up	Position held in the Company	Nature of Work	Year of Establishment
1	2018-19	1KS16EC411	Dhanush K. A.	RUHM Innovation Private Limited	Financial Officer	Business	2019
1	2017-18	1KS14EC042	K. A. Dhushyanth	STARSTREAK CONSULTANCY LLP	Partner	Consultancy	2020
2		1KS14EC063	Nihil Gowda B. V.	INVIHUB TECHNO SOLUTIONS PRIVATE LIMITED	Partner	Technical Solutions	2019

7.4 Improvement in the quality of students admitted to the program (10)**Total Marks: 09****Institute Marks: 09**

Table7.4-A: Admission Data for three Assessment Years

Sl. No.	Item	Particulars	CAY 2020- 2021	CAY m1 2019- 2020	CAYm2 2018- 2019
1	National Level Entrance Examination (COMED-K)	No. of students admitted	0	4	2
		Opening Score/Rank	-	20585	48346
		Closing Score/Rank	-	54714	49379
2	State/University/ Level Entrance Examination/ Others (C. E.T.)	No. of students admitted	61	54	58
		Opening Score/Rank	30681	19897	14069
		Closing Score/Rank	142145	126542	129932
3	State Level Entrance Examination for lateral entry or lateral entry details (D.C.E.T.)	No. of students admitted	3	10	9
		Opening Score/Rank	10010	5272	1636
		Closing Score/Rank	11812	15280	18363
Average CBSE/ Any other board result of admitted students (Physics, Chemistry and Maths)			77.17	74.99	78.73

CRITERION 8	First Year Academics	50
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8 FIRST YEAR ACADEMICS(50)

Total Marks : 43.72

8.1 First Year Student-Faculty Ratio (FYSFR)(5)

Total Marks:5.00

Institute Mark:5.00

SL NO	NAME	PAN NO	QUALIFICATION	DATE OF RECEIVING HIGHEST DEGREE CERTIFICATE	SPECIALIZATION	DESIGNATION	DATE OF JOINING	Teaching Load			Current associated	Nature of association	DATE OF LEAVING
								2020-21(CA)	2019-20(CA)	2018-19(CA)			
1	Dr.K.R. JAYAKUMAR	AEPFJ7394P	PHD	4/7/2012	MATHEMATICS	PROFFESOR & HEAD	10/1/1999	0	0	35	NO	REGULAR	9/13/2019
2	Dr.RANJANA JAIN	AGFPJ7231B	PHD	1/24/1997	ANALYTICAL CHEMISTRY	ASSOCIATE PROFESSOR	8/18/2008	0	0	35	NO	REGULAR	1/27/2020
3	Mrs.P.JALAJA	AHCPP9936D	MSC	5/24/2002	APPLIED MATHEMATICS	ASSISTANT PROFFESOR	7/22/2013	35	35	35	YES	REGULAR	
4	Mr.B.S. VENKATARAMANA	BOVPS5523J	MSC	5/20/2007	FINITE ELEMENTAL METHODS	ASSISTANT PROFFESOR	7/15/2011	35	35	35	YES	REGULAR	
5	Mrs.P.JAYASHREE	AJFPJ9386E	MSC	1/19/2008	FINITE ELEMENTAL METHODS	ASSISTANT PROFFESOR	8/1/2013	0	0	35	NO	REGULAR	12/21/2019
6	Mr.M.R. CHOWDAPPA	ALJPC2747C	MSC	5/1/2007	FLUID DYNAMICS	ASSISTANT PROFFESOR	1/18/2015	35	35	35	NO	REGULAR	30/09/2021
7	Mrs.LAKSHMI C	APEPL2880G	MSC	4/7/2015	GRAPH THEORY	ASSISTANT PROFFESOR	2/10/2020	35	0	0	YES	REGULAR	
8	Mr.SUNIL KUMAR. N	BOGPP9004F	MSC	5/7/2010	MATERIALS SCIENCE	ASSISTANT PROFFESOR	9/1/2009	35	35	35	YES	REGULAR	
9	Dr.JAGANATH G	BAGPJ6936B	PHD	11/18/2019	CONDENSED MATTER PHYSICS	ASSISTANT PROFFESOR	8/2/2019	0	35	0	NO	REGULAR	31/12/2020
10	Mr.PRAVEEN C JOIC	BTBPS6230C	MSC	11/28/2013	MATERIALS SCIENCE	ASSISTANT PROFFESOR	8/26/2014	0	0	35	NO	REGULAR	7/3/2019
11	Mrs.SRIDEVI B R	DAYPS2612M	MSC	5/7/2010	MATERIALS SCIENCE	ASSISTANT PROFFESOR	8/8/2018	0	0	35	NO	REGULAR	12/31/2019
12	Dr.RENUKA C	AVWPR9085P	PHD	11/22/2018	NUCLEAR PHYSICS	ASSISTANT PROFFESOR	6/1/2021	35	0	0	YES	REGULAR	
13	Mr.S.R. KIRAN KUMAR	CKSPK9731L	PHD	6/7/2019	ELECTRO CHEMISTRY	ASSISTANT PROFFESOR	2/6/2012	35	35	35	YES	REGULAR	
14	Mrs.SHYLAJA.K.R.	BEDPR4812M	MSC	8/12/2007	GENERAL CHEMISTRY	ASSISTANT PROFFESOR	3/6/2014	35	35	35	YES	REGULAR	
15	Ms. NEELAM PATIL RADHIKA	BNNTR9182H	MSC	6/30/2009	ORGANIC CHEMISTRY	ASSISTANT PROFFESOR	8/6/2018	50	35	35	YES	REGULAR	
16	Mrs.ANURADHA.M.V	AJVPV1410G	BAL.LL	7/9/1993	LAW	ASSISTANT PROFFESOR	8/1/2012	35	35	35	YES	REGULAR	
17	Mr. MALLIKARJUNA M.R.	BQJPM3809B	M TECH	2/11/2009	MACHINE DESIGN	ASSISTANT PROFFESOR	7/22/2013	0	0	35	NO	REGULAR	6/29/2019
18	Mr. KAUSHIK. M.M.	COCPM7865M	M TECH	5/9/2015	MACHINE DESIGN	ASSISTANT PROFFESOR	8/10/2018	0	35	0	NO	REGULAR	31/12/2020
19	Mr.GAUTHAM.S	BRZPS4235G	M TECH	12/13/2010	MECHANICAL & MANUFACTURING	ASSISTANT PROFFESOR	8/23/2018	35	35	35	NO	REGULAR	31/8/2021
20	Mr. SHASHI KUMAR B.R.	FRFPS6546L	M TECH	2/14/2017	STRUCTURAL ENGINEERING	ASSISTANT PROFFESOR	8/6/2018	0	0	35	NO	REGULAR	6/29/2019
21	Mrs.TEJASWINI.L.M.L	AQQPT6687E	M TECH	03-05-2014	STRUCTURAL ENGINEERING	ASSISTANT PROFFESOR	7/22/2019	35	35	0	YES	REGULAR	
22	Mr.AMRUTH.K	EEZPK3834K	M TECH	1/21/2017	STRUCTURAL ENGINEERING	ASSISTANT PROFFESOR	7/22/2019	0	35	0	NO	REGULAR	7/12/2020
23	Mr.PRUTHIVIRAJ B.S.	BPIPP2498M	M TECH	2/11/2015	STRUCTURAL ENGINEERING	ASSISTANT PROFFESOR	7/28/2016	0	0	35	NO	REGULAR	6/25/2019
24	Mr. MANJUNATH B.R	BBPPM3218R	M TECH	2/10/2009	TOOL ENGINEERING	ASSISTANT PROFFESOR	7/20/2011	35	0	0	YES	REGULAR	
25	Mr. RAJESH G.L	BDTPR8404G	M TECH	5/9/2015	MANUFACTURING SCIENCE & ENGINEERING	ASSISTANT PROFFESOR	2/3/2020	50	0	0	YES	REGULAR	
26	Mr. KRISHNA GUDI	AZLPK6781E	M TECH	8/4/2011	MASTER OF ENGINEERING	ASSISTANT PROFFESOR	3/6/2015	35	35	35	YES	REGULAR	
27	Mr. PRASHANTH.H.S.	DWJPP4116E	M TECH	9/1/2017	COMPUTER SCIENCE	ASSISTANT PROFFESOR	8/23/2017	50	35	35	YES	REGULAR	
28	Mrs.VISHALINI DIWAKAR	ABKPD1975L	MSC	4/18/2011	POWER SYSTEMS	ASSISTANT PROFFESOR	7/27/2011	35	35	35	YES	REGULAR	
29	Mrs.PREETHI MISHRA	BJVPM6420K	ME	1/16/2017	POWER ELECTRONICS	ASSISTANT PROFFESOR	2/10/2020	0	35	0	NO	REGULAR	31/8/2021
30	Mrs. PRIYADARSHINI	BUTPP5056K	M TECH	5/9/2015	POWER ELECTROICS	ASSISTANT PROFFESOR	7/13/2015	35	0	0	NO	REGULAR	31/5/2021
31	Mrs.SMITHA MALLYA	ASYPM6917G	M TECH	1/16/2017	ELECTRONICS AND TELECOMMUNICATION	ASSISTANT PROFFESOR	2/3/2020	50	0	0	NO	REGULAR	30/9/2021
32	Mrs. SINDHU S.S.	FUEPS0712Q	M TECH	1/21/2017	POWER SYSTEMS	ASSISTANT PROFFESOR	8/6/2018	0	0	35	NO	REGULAR	5/31/2019
33	Mr.SATISH KUMAR.B	BAWPK0147D	M TECH	5/3/2011	DIGITAL ELECTROICS	ASSISTANT PROFFESOR	8/10/2018	0	35	35	YES	REGULAR	
34	Mrs. SWETHA B N	HKNPS3366H	M TECH	4/18/2011	DIGITAL ELECTROICS	ASSISTANT PROFFESOR	8/6/2018	0	35	35	NO	REGULAR	31/8/2020

Data for first year courses to calculate the FYSFR:

Year	Number of students (approved intake strength)	Number of faculty members (considering fractional load)	FYSFR	*Assessment = $(5 \times 20) / \text{FYSFR}$ (Limited to Max. 5)
CAY (2020-2021)	180	9	20.0	5.000
CAY _{m1} (2019-2020)	120	8	15.00	6.666
CAY _{m2} (2018-2019)	120	9	13.33	7.502
Average	140	8.333	16.80	5.952

*Table B.8.1***8.2 Qualification of Faculty Teaching First Year Common Courses (5)**

Total marks: 5.00
Institute marks: 5.00

Year	X(Num ber of Regular Faculty with Ph.D)	Y(Number of Regular Faculty with Post- graduate qualification)	RF (Number of faculty members required as per SFR of 20:1)	Assessment of faculty qualification($5x + 3y$)/RF
CAY (2020-2021)	1	19	9	6.888
CAY _{m1} (2019-2020)	1	17	6	9.333
CAY _{m2} (2018-2019)	1	15	6	8.333
Average Assessment				8.185

Table B.8.2

8.3 First Year Academic Performance(10)**Total marks:7.72****Institute marks:7.72**

Successful students are those who are permitted to proceed to the second year.

Academic performance	2020-2021	2019-20	2018-19
Mean of CGPA or mean percentage of all successful students(X)	7.71	8.02	7.655
Total Number of successful students(Y)	117	106	106
Total Number of students appeared in the examination(Z)	117	107	108
API[X*(Y/Z)]	7.71	7.95	7.5132

$$\text{Average API } [(AP1+AP2+AP3)/3] = 7.724$$

8.4 Attainment of Course Outcomes of first year courses (10)**Total marks: 9**

8.4.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcomes of first year is done (5)

Institute marks: 5**Assessment processes****Course Outcomes (COs):**

Statements indicating what a student can do after the successful completion of a course. Every Course leads to some Course Outcomes. The CO statements are defined by considering the course content covered in each module of a course.

Assessment Tools

- Direct Assessment
- Indirect Assessment

Direct Assessment

- Internal Assessment Test
- Internal Lab Examination
- University Examination

A. Assessment process and Tools**Internal Assessment Test**

- After commencement of the course, the Department will conduct three internal tests, scheduled in accordance with the university and college calendar of events.
- The Internal Assessment schedule and conduction will be monitored by an Internal Assessment (IA) Coordinators.
- The Course Coordinator will prepare the Question papers and Scheme of Evaluation for their respective course and submit to IA coordinators.
- The question paper will be scrutinized by the Module scrutinizer.
- Two Question papers (set A and set B) will be set for each Course. Among them, one will be selected for IA.
- The course coordinator will compile scheme and solutions for each test and evaluate the performance of students.

External Theory Examination

University schedules external examination for the students at the end of the semester

Laboratory Assessment:**Internal Lab assessment**

- Laboratory in-charge faculties will follow common guidelines for evaluation of experiments conducted.

External Lab Examination

- University schedule external lab examination for the students at the end of the semester.

Table 8.4.1-a Direct Assessment Tools

Sl. No.	Components	Sub-Components	Weightage (%)	Total Weightage (%)
A1	Theory	a. Three Internal Tests	50	90
		b. One University Exam	50	
A2	Laboratory	a. Continuous Evaluation through observation book, record book and Viva Voce	50	90
		b. Internal Tests		
		c. University Exam	50	

Indirect Assessment

Course End Survey: Course End Surveys are used to evaluate the attainment of Cos. At the end of each semester in an academic year, Course End Survey is taken from the students for each Course on the basis of questionnaires related to Course Outcome of individual Course.

Table 8.4.1-b Indirect Assessment

Sl. No.	Components	Sub Component	Weightage (%)
A1	Theory	Course End Survey	10
A2	Laboratory	Course End Survey	10

Table 8.4.1-c CO attainment calculation:

Steps	Final CO attainment calculation for Theory
1	The attainment level in the test for each CO and University attainment level are entered. 50% of university attainment level is considered as [N1] and 50% of internal test attainment level is considered as [N2] for every CO.
2	The attainment is calculated as [N1 + N2] for every CO. 90% of this will be calculated as [N3].
3	10% of Course end survey attainment level is obtained as [N4].
4	The direct attainment of the course is given by [N3 + N4] for every CO.

Process followed for calculation of Course outcomes:**A1) Theory course**

Table 8.4.1-d a) Internal Assessment:

Steps	Process for calculating attainment through Internal Assessment
1	The marks scored by the students in test, are categorized based on CO's.
2	The total number of students appearing for the COs and the no. of students scoring $\geq 60\%$ marks is identified. Percentage is calculated as: [No. of students scoring $\geq 60\%$ marks/ Total no. of students appearing for that particular CO]
3	Attainment levels are defined at the department level as: Level 3 – 60% students should have scored $\geq 60\%$ [in Internal Assessment test] Level 2 – 55% students should have scored $\geq 60\%$ [in Internal Assessment test] Level 1 – 50% students should have scored $\geq 60\%$ [in Internal Assessment test]
4	Based on the percentage obtained, the attainment level for each of the CO is identified.

Table 8.4.1-e b) External Assessment:

Steps	Process for calculating attainment through University exam
1	Set target of 60% for external assessment is obtained from the university exam for each courses.
2	The university exam marks obtained by the student for every subject is considered and the no. of students scoring greater than the set target [60%] is calculated [N1]. The total no. of students appearing for the subject is identified as [N]. The percentage of students scoring greater than the set target is computed as $N1/N * 100$
3	Attainment levels are defined at the department level as: Level 3 – 60% students should have scored $\geq X$ Level 2 – 55% students should have scored $\geq X$ Level 1 – 50% students should have scored $\geq X$
4	Based on the percentage computed in step 2 the attainment level is fixed.

Table 8.4.1-f c) Course End Survey

Steps	Process for calculating attainment through Course exit survey
1	Course exit survey (CES) is taken at the end of the semester for all courses.
2	The department attainment levels defined for CES are: Level 3 – 60% students should have rated Good and above Level 2 – 55% students should have rated Good and above Level 1 – 50% students should have rated Good and above
3	The CES is tabulated and no. of students giving a rating as Good and above is identified [N1]. The total students participating in the survey is identified [N]. The percentage is calculated as $[N1 / N * 100]$
4	Based on the percentage obtained in step 3 the attainment level is obtained

Table 8.4.1-g d) Final CO attainment calculation:

Steps	Final CO attainment calculation for Theory
1	The attainment level in the test for each CO and University attainment level are entered. 50% of university attainment level is considered as [N1] and 50% of internal test attainment level is considered as [N2] for every CO.
2	The attainment is calculated as $[N1 + N2]$ for every CO. 90% of this will be calculated as [N3].
3	10% of Course end survey attainment level is obtained as [N4].
4	The direct attainment of the course is given by $[N3 + N4]$ for every CO.

A2) Laboratory

- In every lab, record, observation and viva assessed by faculty incharge through continuous internal evaluation
- The course end survey attainment similar to processed followed for theory course
- **Final co attainment calculation is similar to the process followed for theory**

8.4.2 Record the attainment of Course Outcomes of all first year courses (5)**Institute marks:4**

Record the Attainment of Course Outcomes of all Courses with Respect to Set Attainment Levels

Attainment of Course Outcomes 2020-2021

COURSE CODE	C01	C02	C03	C04	C05	AVERAGE
C101 18 MAT 11	3.00	3.00	3.00	3.00	3.00	3.00
C102 18 CHE 12	3.00	3.00	3.00	3.00	3.00	3.00
C103 18 CPS 13	1.20	1.20	1.20	1.20	1.20	1.20
C104 18 ELN 14	2.10	0.30	2.10	1.20	1.20	1.38
C105 18 ME 15	2.10	2.10	1.20	2.10	2.10	1.92
C106 18 CHEL 16	3.00	3.00	3.00	3.00	3.00	3.00
C107 18 CPL 17	3.00	3.00	3.00	3.00	3.00	3.00
C108 18 ENG 18	3.00	3.00	3.00	3.00	3.00	3.00
C109 18MAT21	3.00	3.00	3.00	3.00	3.00	3.00

C110	18PHY22	3.00	3.00	3.00	3.00	3.00	3.00
C111	18ELE23	3.00	3.00	2.10	3.00	3.00	2.82
C112	18CIV24	3.00	3.00	3.00	3.00	3.00	3.00
C113	18 EGD 25	3.00	3.00	3.00	3.00	3.00	3.00
C114	18PHYL26	3.00	3.00	3.00	3.00	3.00	3.00
C115	18ELEL27	3.00	3.00	3.00	3.00	3.00	3.00
C116	18EGH28	3.00	3.00	3.00	3.00	3.00	3.00

Attainment of Course Outcomes 2019-2020

COURSE CODE		CO1	CO2	CO3	CO4	CO5	AVERAGE
C101	18 MAT 11	3.00	3.00	3.00	3.00	3.00	3.00
C102	18 CHE 12	3.00	3.00	3.00	3.00	3.00	3.00
C103	18 CPS 13	3.00	3.00	3.00	3.00	3.00	3.00
C104	18 ELN 14	3.00	3.00	2.10	2.10	2.10	2.46
C105	18 ME 15	0.30	0.30	0.30	0.30	0.30	0.30
C106	18 CHEL 16	3.00	3.00	3.00	3.00	3.00	3.00
C107	18 CPL 17	3.00	3.00	3.00	3.00	3.00	3.00
C108	18 ENG 18	0.30	0.30	1.20	1.20	1.20	0.84
C109	18MAT21	3.00	3.00	3.00	3.00	3.00	3.00
C110	18PHY22	3.00	3.00	3.00	3.00	3.00	3.00
C111	18ELE23	3.00	3.00	3.00	3.00	3.00	3.00
C112	18CIV24	0.30	0.30	0.30	0.30	0.30	0.30
C113	18 EGD 25	3.00	3.00	3.00	3.00	3.00	3.00
C114	18PHYL26	3.00	3.00	3.00	3.00	3.00	3.00
C115	18ELEL27	3.00	3.00	3.00	3.00	3.00	3.00
C116	18EGH28	3.00	3.00	3.00	3.00	3.00	3.00

Attainment of Course Outcomes 2018-2019

COURSE CODE		CO1	CO2	CO3	CO4	CO5	AVERAGE
C101	18 MAT 11	3.00	3.00	3.00	3.00	3.00	3.00
C102	18 CHE 12	3.00	3.00	3.00	3.00	3.00	3.00
C103	18 CPS 13	3.00	3.00	3.00	3.00	3.00	3.00
C104	18 ELN 14	3.00	2.10	1.20	2.10	3.00	2.28
C105	18 ME 15	3.00	3.00	3.00	3.00	3.00	3.00
C106	18 CHEL16	3.00	3.00	3.00	3.00	3.00	3.00
C107	18 CPL 17	3.00	3.00	3.00	3.00	3.00	3.00
C108	18 MAT 21	3.00	3.00	3.00	3.00	3.00	3.00
C109	18 PHY 22	3.00	3.00	3.00	3.00	3.00	3.00
C110	18 ELE 23	3.00	3.00	3.00	3.00	3.00	3.00
C111	18 CIV 24	2.10	1.20	1.20	2.10	2.10	1.74
C112	18 EGD 25	3.00	3.00	3.00	3.00	3.00	3.00
C113	18 PHYL 26	3.00	3.00	3.00	3.00	3.00	3.00
C114	18 ELEL 27	3.00	3.00	3.00	3.00	3.00	3.00

8.5 Attainment of Program Outcomes from first year courses(20) Total marks:17**8.5.1 Indicate results of evaluation of each relevantPOs. or PSO if applicable (15)****Institute marks: 13**

Describe Assessment tools and processes used for measuring the attainment of each of the Program Outcomes:

The process used to gather the data for evaluation of program outcome is obtained from:

Direct Assessment-

The assessment tools are:

- Internal Assessments (IA).
- Assignment.
- Continuous Lab Assessment.
- Semester End Examinations (SEE).

Details about Direct Assessment Tools:

Direct Assessment Tools	Frequency	Assessment Process
Internal Assessment Test	3 Per Semester	I.A Test is conducted & evaluated by the concerned Course incharge and AVERAGE OF I.A Marks is CALCULATED.
Assignments /Group Assignments/ Subject Seminars	Min 3 per semester	Assignments are evaluated by Course incharge. A final I A mark is Submitted to University by adding the average of IA and assignment marks.
Continuous Lab Assessment	Every Lab	Every Lab experiment observation, viva&record will be assessed by Course incharge. CIE is taken accounted for SEE.
Lab I.A Test	1 Per Semester	At the end of the Semester, Lab I.A will be conducted & evaluated by Course incharge. Final Average marks are submitted to university.

Semester End Lab Examination	1 Per Semester	Final Lab Examination is conducted and evaluated by Internal and External Examiners allotted by the University
Semester End theory Examination	1 Per Semester	Semester End Examination is conducted by the University.

Indirect Assessment Tools

Indirect Assessment Tools	Frequency	Assessment Process
Course end Survey	End of the course	Based on questionnaires related to Course

POs Attainment 2020-2021

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101 18 MAT 11	3.00	2.00	1.50	_	_	_	_	_	_	_	_	_
C102 18 CHE 12	3.00	2.00	1.00	1.00	_	_	_	_	_	_	_	_
C103 18 CPS 13	1.04	1.20	1.12	0.53	_	_	_	_	_	_	_	0.40
C104 18 ELN 14	1.38	1.36	1.38	_	_	_	_	_	0.46	0.92	0.46	1.38
C105 18 ME 15	1.92	1.05	_	_	_	1.07	1.40	_	0.64	0.64	_	0.20
C106 18 CHEL 16	3.00	2.00	1.00	_	_	_	_	_	_	_	_	_
C107 18 CPL 17	2.60	3.00	2.80	1.33	_	_	_	_	_	_	_	0.80
C108 18 ENG 18	_	_	_	_	_	_	_	2.00	3.00	3.00	2.00	3.00
C109 18MAT21	3.00	2.00	1.40	_	_	_	_	_	_	_	_	_
C110 18PHY22	3.00	2.80	1.80	_	_	_	_	_	_	_	_	2.00
C111 18ELE23	3.00	2.00	_	_	_	1.33	2.00	_	_	_	_	_
C112 18CIV24	3.00	3.00	1.25	1.00	_	3.00	3.00	3.00	2.00	2.00	2.00	2.00
C113 18 EGDL 25	2.20	2.80	2.00	_	3.00	_	_	_	_	_	_	_
C114 18PHYL26	3.00	2.50	1.33	_	_	_	_	_	_	_	_	1.87
C115 18ELEL27	3.00	3.00	_	_	_	_	_	_	2.00	1.00	_	1.00
C116 18EGH28	_	_	_	_	_	_	_	3.00	2.00	3.00	2.00	3.00

PO Attainment Level

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment	2.58	2.19	1.51	0.97	3.00	1.80	2.13	2.67	1.68	1.76	1.62	1.56
CO Attainment	2.58	2.19	1.51	0.97	3.00	1.80	2.13	2.67	1.68	1.76	1.62	1.56

PSOs Attainment

COURSE CODE	PSO1	PSO2
C101 18 MAT 11	1.60	–
C102 18 CHE 12	1.00	–
C103 18 CPS 13	0.88	0.72
C104 18 ELN 14	1.38	0.84
C105 18 ME 15	1.28	1.92
C106 18 CHEL 16	1.00	–
C107 18 CPL 17	2.20	1.96
C108 18 ENG 18	–	–
C109 18MAT21	2.00	–
C110 18PHY22	2.00	–
C111 18ELE23	2.00	1.00
C112 18CIV24	2.00	1.00
C113 18 EGD L 25	1.00	1.00
C114 18PHYL26	3.00	–
C115 18ELEL27	–	–
C116 18EGH28	–	–

PSO Attainment Level

COURSE	PO1	PO2
Direct Attainment	1.64	1.21
CO Attainment	1.64	1.21

POs Attainment 2019-2020

COURSE		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101	18 MAT 11	3.00	2.00	1.50	–	–	–	–	–	–	–	–	–
C102	18 CHE 12	3.00	2.00	1.00	1.00	–	–	–	–	–	–	–	–
C103	18 CPS 13	3.00	2.00	1.00	1.00	2.00	–	–	–	–	–	–	2.60
C104	18 ELN 14	2.46	2.26	2.46	–	–	–	–	–	0.82	1.64	0.82	2.46
C105	18 ME 15	0.30	0.15	–	–	–	0.17	0.20	–	0.10	0.10	–	0.20
C106	18 CHEL 16	3.00	2.00	1.00	–	–	–	–	–	–	–	–	–
C107	18 CPL 17	2.60	3.00	2.80	1.33	–	–	–	–	–	–	–	1.00
C108	18 ENG 18	–	–	–	–	–	–	–	–	0.56	0.84	0.56	0.84
C109	18MAT21	3.00	2.00	1.40	–	–	–	–	–	–	–	–	–
C110	18PHY22	3.00	2.80	1.80	–	–	–	–	–	–	–	–	2.00
C111	18ELE23	3.00	2.00	1.00	–	–	1.00	–	–	2.00	1.00	–	1.00
C112	18CIV24	0.30	0.30	0.13	0.10	–	0.30	0.30	0.30	0.20	0.20	0.20	0.20
C113	18 EGDL 25	2.20	2.80	2.00	–	3.00	–	–	–	–	–	–	–
C114	18PHYL26	3.00	2.50	1.33	–	–	–	–	–	–	–	–	1.87
C115	18ELEL27	3.00	2.33	–	–	–	–	–	1.00	3.00	2.00	–	–
C116	18EGH28	–	–	–	–	–	–	–	–	2.00	3.00	2.00	3.00

PO Attainment Level

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment	2.50	2.10	1.28	0.10	3.00	0.65	0.30	0.65	1.80	1.55	1.10	1.61
CO Attainment	2.50	2.10	1.28	0.10	3.00	0.65	0.30	0.65	1.80	1.55	1.10	1.61

PSOs Attainment

COURSE CODE		PSO1	PSO2
C101	18 MAT 11	1.60	–
C102	18 CHE 12	1.00	–
C103	18 CPS 13	1.00	–
C104	18 ELN 14	2.46	1.50
C105	18 ME 15	0.20	0.30
C106	18 CHEL 16	1.00	–
C107	18 CPL 17	2.44	1.96
C108	18 ENG 18	–	–
C109	18MAT21	–	1.00
C110	18PHY22	2.00	–
C111	18ELE23	–	–

C112	18CIV24	0.20	0.10
C113	18 EGD L 25	1.00	1.00
C114	18PHYL26	2.00	–
C115	18ELEL27	1.50	1.67
C116	18EGH28	–	–

PSO Attainment Level

COURSE	PO1	PO2
Direct Attainment	1.34	0.94
CO Attainment	1.34	0.94

POs Attainment 2018-2019

COURSE CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101	18 MAT 11	3.00	2.00	1.50	–	–	–	–	–	–	–	–
C102	18 CHE 12	3.00	2.00	1.00	1.00	–	–	–	–	–	–	–
C103	18 CPS 13	3.00	2.00	1.00	1.00	2.00	–	–	–	–	–	2.60
C104	18 ELN 14	2.26	1.76	1.80	–	–	1.00	–	–	–	–	2.26
C105	18 ME 15	2.80	1.80	1.00	1.00	–	–	–	1.00	1.00	–	–
C106	18 CHEL 16	3.00	2.00	1.00	–	–	–	–	–	–	–	–
C107	18 CPL 17	3.00	2.00	2.00	1.00	3.00	–	–	–	–	–	1.87
C108	18 MAT 21	2.80	2.00	1.40	–	–	–	–	–	–	–	–
C109	18 PHY 22	2.80	2.40	2.20	–	–	2.00	2.00	–	–	–	2.00
C110	18 ELE 23	3.00	2.00	–	–	–	1.00	–	–	–	–	–
C111	18 CIV 24	1.74	1.16	–	–	–	2.10	2.10	1.40	1.40	1.40	1.18
C112	18 EGD L 25	2.20	2.80	2.00	–	3.00	–	–	–	–	–	–
C113	18 PHYL 26	3.00	2.50	2.00	1.00	–	–	2.00	–	2.00	–	1.87
C114	18 ELEL 27	3.00	2.00	–	–	–	1.00	–	–	–	–	–

PO Attainment Level

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment	2.76	2.03	1.54	1.00	2.67	1.53	1.78	1.40	1.47	1.20	1.40	1.96
CO Attainment	2.76	2.03	1.54	1.00	2.67	1.53	1.78	1.40	1.47	1.20	1.40	1.96

PSOs Attainment

COURSE CODE		PSO1	PSO2
C101	18 MAT 11	1.60	–
C102	18 CHE 12	1.00	–
C103	18 CPS 13	–	1.00
C104	18 ELN 14	1.53	0.78
C105	18 ME 15	1.00	1.00
C106	18 CHEL 16	1.00	–
C107	18 CPL 17	–	1.00
C108	18 MAT 21	2.00	–
C109	18 PHY 22	2.00	–
C110	18 ELE 23	2.00	1.25
C111	18 CIV 24	–	–
C112	18 EGDG 25	–	1.00
C113	18 PHYL 26	2.00	–
C114	18 ELEG 27	1.50	1.67

PSO Attainment Level

COURSE	PO1	PO2
Direct Attainment	1.56	1.10
CO Attainment	1.56	1.10

Table B.8.5.1

* Direct attainment level of a PO is determined by taking average across all courses addressing that PO.

8.5.2 Actions taken based on the results of evaluation of relevant POs(5) Institute marks: 4

(The attainment levels by direct (student performance) are to be presented through Program level Course-PO matrix as indicated)

POs - Attainment Levels and Actions for improvement AY: 2020-21 (2020-2024 batch). 60% of the target level (3) is considered as attained.

POs	Target Level	Attainment Level	Observation
PO1	<i>Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.</i>		
	2.2	2.58	<ul style="list-style-type: none"> Target is attained It is proposed to increase the target level in the next academic year.
Action 1	We conducted Induction program for the first semester students before the commencement of academic year from 16.12.2020 to 24.12.2020.		
PO2	<i>Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.</i>		
	2.2	2.19	<ul style="list-style-type: none"> Target is not attained
Action 1	Solved more number of numerical in regular classes and assignments were given for complex problems.		
PO3	<i>Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.</i>		
	1.8	1.51	<ul style="list-style-type: none"> Target is not attained To analyze and design solutions to complex engineering problems, practical approach is required.
Action 1	We Insist students to take up mini projects to find solutions for engineering problems.		
Action 2	We Conducted creative online poster to promote tourism in India from 09.08.2021 to 22.08.2021 to improve their technical skills.		
PO4	<i>Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.</i>		
	1.8	0.97	<ul style="list-style-type: none"> Target is not attained Students were exposed to less research oriented activities.
Action 1	Practical approach for explaining various concepts were adopted by teaching faculties in their regular classes.		
PO5	<i>Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and</i>		

	<i>modeling to complex engineering activities with an understanding of the limitations.</i>		
	2.2	3.0	<ul style="list-style-type: none"> ● Target is attained ● It is proposed to increase the target level in the next academic year.
Action 1	We Conducted creative online poster to promote tourism in India from 09.08.2021 to 22.08.2021 to improve their technical skills.		
PO6	<i>The engineer and society:</i> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice in Electrical and Electronics Engineering.		
	1.9	1.80	<ul style="list-style-type: none"> ● Target is not attained ● Impact of technology on society was less understood.
Action 1	College NSS cell gives opportunity for students to be part of all its environmental related activities. NSS Conducted elimination of single use plastic at KSIT on 05.04.2021 to create awareness environmental issues.		
Action 2	We Conducted creative online poster to promote tourism in India from 09.08.2021 to 22.08.2021.		
PO7	<i>Environment and sustainability:</i> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.		
	1.9	2.13	<ul style="list-style-type: none"> ● Target is attained ● It is proposed to increase the target level in the next academic year.
Action 1	College NSS cell gives opportunity for students to be part of all its environmental related activities. NSS Conducted elimination of single use plastic at KSIT on 05.04.2021 to create awareness environmental issues.		
PO8	<i>Ethics:</i> Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.		
	1.8	2.67	<ul style="list-style-type: none"> ● Target is attained ● It is proposed to increase the target level in the next academic year.
Action 1	We ourselves follow and insist students to check plagiarism for the technical papers with the plagiarism testing software available in the library.		
PO9	<i>Individual and team work:</i> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.		
	1.9	1.68	<ul style="list-style-type: none"> ● Target is not attained
Action 1	Department have various professional bodies like IEEE,IEI,ISTE ecto		

	support students to develop their interpersonal and leadership qualities. Students get elected as President, Vice President, Secretary and Treasurer for different professional bodies. The elected office bearers with the support of club members plan and organize events like humanitarian events, motivational talks, fund raising events, self-defense program for girls, student branch meetings, technical Talks etc.		
Action 2	Training and placement department organized group discussions for first year students from 08.07.2021 to 13.07.2021 to improve students individual and team work skills.		
PO10	Communication: <i>Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.</i>		
	1.8	1.76	<ul style="list-style-type: none"> • Target is not attained • Students are not well versed with communication
Action 1	Training and placement department organized group discussions for first year students from 08.07.2021 to 13.07.2021 to improve students individual and team work skills.		
Action 2	Students participated in Seminars in regular classes which help them to improve their communication and presentation skills.		
PO11	Project management and finance: <i>Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.</i>		
	1.8	1.62	<ul style="list-style-type: none"> • Target is not attained • Students do not have the ability to plan and execute projects.
Action 1	Project exhibitions and mini project exhibitions are held regularly to encourage students to understand the whole process of project development, project management and learn to demonstrate his/her project.		
PO12	Life-long learning: <i>Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.</i>		
	2.0	1.56	<ul style="list-style-type: none"> • Target is not attained
Action 1	We Create awareness to students about MOOC'S to enrol courses online and continue their learning in their area of interests .		

PSOs - Attainment Levels and Actions for Improvement- (2020- 21)

PSOs	Target Level	Attainment Level	Observation
PSO1	<i>Graduate should be able to understand the fundamentals in the field of Electronics & Communication and apply the same to various areas like Signal processing, embedded systems, Communication & Semiconductor technology.</i>		
	1.80	1.64	<ul style="list-style-type: none"> ● Target is not attained. ● Students are not exposed with the advanced engineering concepts
Action 1	We encourage students to take up mini projects ,so that they can apply fundamental Knowledge in building their mini projects.		
PSO2	<i>Graduate will demonstrate the ability to design, develop solutions for Problems in Electronics & Communication Engineering using hardware and software tools with social concerns.</i>		
	1.80	1.21	<ul style="list-style-type: none"> ● Target is not attained ● Students are not exposed with the design & development concepts
Action 1	We regularly conduct workshops to make our students upgrade their Programming skills.		
Action 2	We Conducted creative online poster to promote tourism in India from 09.08.2021 to 22.08.2021 to improve their technical skills.		

POs - Attainment Levels and Actions for improvement AY: 2019-20 (2019-2023 batch).
60% of the target level (3) is considered as attained.

POs	Target Level	Attainment Level	Observation
PO1	Engineering knowledge: <i>Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.</i>		
	2.1	2.50	<ul style="list-style-type: none"> ● Target is attained ● It is proposed to increase the target level in the next academic year.
Action 1	We conducted Induction program for the first semester students before the commencement of academic year from 13.08.2019 to 16.08.2019.		
PO2	Problem analysis: <i>Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.</i>		
	2.1	2.10	<ul style="list-style-type: none"> ● Target is attained ● It is proposed to increase the target level in the next academic year.
Action 1	Solved more number of numerical in regular classes and assignments were given for complex problems.		

PO3	<i>Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.</i>		
	1.8	1.28	<ul style="list-style-type: none"> ● Target is not attained ● To analyze and design solutions to complex engineering problems, practical approach is required.
Action 1	We Insist students to take up mini projects to find solutions for engineering problems.		
Action 2	We Conducted Guest lecture on “How physicists came to know about QUANTUM MECHANICS” On 07.11.2019 by Dr. S.P .Basavaraju.		
PO4	<i>Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.</i>		
	1.8	0.10	<ul style="list-style-type: none"> ● Target is not attained ● Students were exposed to less research oriented activities.
Action 1	Guest lecture was organized on “IMPORTANCE OF SCIENCE AND RESEARCH TO ENGINEERING STUDENTS” On 26.02.2020 by Dr. Yogesh Kumar K, motivated students to attend National and International Conferences.		
Action 2	Practical approach for explaining various concepts were adopted by teaching faculties in their regular classes.		
PO5	<i>Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.</i>		
	2.1	3.0	<ul style="list-style-type: none"> ● Target is attained ● It is proposed to increase the target level in the next academic year.
Action 1	We Conducted Guest lecture on “How physicists came to know about QUANTUM MECHANICS” On 07.11.2019 by Dr. S.P .Basavaraju.		
PO6	<i>The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice in Electrical and Electronics Engineering.</i>		
	1.9	0.65	<ul style="list-style-type: none"> ● Target is not attained ● Impact of technology on society was less understood.

Action 1	College NSS cell gives opportunity for students to be part of all its environmental related activities. NSS Conducted 7 days Special camp GRAMA SWARAJYA from 05.02.2020 to 11.02.2020 to create awareness on social and environmental issues.		
Action 2	SWACHHA BHARAT ABHIYANA Organized by NSS UNIT On 16.09.2019.		
PO7	<i>Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.</i>		
	1.9	0.30	<ul style="list-style-type: none"> Target is not attained Impact of engineering solutions to society and environment was less understood
Action 1	Involved students of all the semester to participate in HASIRU ABHIYANA organized by NSS cell on 21.09.2019.		
Action 2	College NSS cell gives opportunity for students to be part of all its environmental related activities. NSS Conducted 7 days Special camp GRAMA SWARAJYA from 05.02.2020 to 11.02.2020 to create awareness on social and environmental issues.		
PO8	<i>Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.</i>		
	1.8	0.65	<ul style="list-style-type: none"> Target is not attained
Action 1	70 th National constitution day celebration on 26.11.2019.		
Action 2	Guest lecture conducted on Core values, Peer pressure ,courage in dealing issues in life on 12/02/2020.		
Action 3	We ourselves follow and insist students to check plagiarism for the technical papers with the plagiarism testing software available in the library.		
PO9	<i>Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</i>		
	1.8	1.80	<ul style="list-style-type: none"> Target is attained It is proposed to increase the target level in the next academic year
Action 1	Department have various professional bodies like IEEE,IEL,ISTE ecto support students to develop their interpersonal and leadership qualities. Students get elected as President, Vice President, Secretary and Treasurer for different professional bodies. The elected office bearers with the support of club members plan and organize events like humanitarian events, motivational		

	talks, fund raising events, self-defense program for girls, student branch meetings, technical Talks etc.		
PO10	<i>Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.</i>		
	1.8	1.55	<ul style="list-style-type: none"> • Target is not attained • Students are not well versed with communication
Action 1	Training and placement department organized group discussions for first year students from 13.08.2019 to 16.08.2019.to improve students personality.		
Action 2	Students participated in Seminars in regular classes which help them to improve their communication and presentation skills.		
PO11	<i>Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.</i>		
	1.8	1.10	<ul style="list-style-type: none"> • Target is not attained • Students do not have the ability to plan and execute projects.
Action 1	Project exhibitions and mini project exhibitions are held regularly to encourage students to understand the whole process of project development, project management and learn to demonstrate his/her project.		
PO12	<i>Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.</i>		
	2.0	1.61	<ul style="list-style-type: none"> • Target is not attained
Action 1	We Create awareness to students about MOOC'S to enrol courses online and continue their learning in their area of interests .Our students Bhumika A.M, vageesh and Kishan were able to complete courses online over coursera.		

PSOs - Attainment Levels and Actions for Improvement- (2019- 20)

PSOs	Target Level	Attainment Level	Observation
PSO1	<i>Graduate should be able to understand the fundamentals in the field of Electronics & Communication and apply the same to various areas like Signal processing, embedded systems, Communication & Semiconductor technology.</i>		
	1.80	1.34	<ul style="list-style-type: none"> Target is not attained. Students are not exposed with the advanced engineering concepts
Action 1	We encourage students to take up mini projects ,so that they can apply fundamental		
	Knowledge in building their mini projects. Mini project exhibition was held on 1 st Oct 2019.		
PSO2	<i>Graduate will demonstrate the ability to design, develop solutions for Problems in Electronics & Communication Engineering using hardware and software tools with social concerns.</i>		
	1.80	0.94	<ul style="list-style-type: none"> Target is not attained Students are not exposed with the design & development concepts
Action 1	We regularly conduct workshops to make our students upgrade their Programming skills.APP Development program was held on 28 th -29 th sep 2019 to provide essential skills to our students to develop applications on mobile platform.		

POs - Attainment Levels and Actions for improvement AY: 2018-19 (2018-2022 batch).
60% of the target level (3) is considered as attained.

POs	Target Level	Attainment Level	Observation
PO1	Engineering knowledge: <i>Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.</i>		
	2.0	2.76	<ul style="list-style-type: none"> Target is attained It is proposed to increase the target level in the next academic year.
Action 1	We conducted Induction program for the first semester students before the commencement of academic year from 21.08.2018 to 29.08.2018.		
PO2	Problem analysis: <i>Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.</i>		
	2.0	2.03	<ul style="list-style-type: none"> Target is attained It is proposed to increase the target level in the next academic year.

Action 1	Solved more number of numerical in regular classes and assignments were given for complex problems.		
PO3	<i>Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.</i>		
	1.8	1.54	<ul style="list-style-type: none"> ● Target is not attained ● To analyze and design solutions to complex engineering problems, practical approach is required.
Action 1	We Insist students to take up mini projects to find solutions for engineering problems. We Conducted Inter –Collegiate Mini Project Exhibition on 3rd Oct 2018 to encouraging students to carryout projects .		
Action 2	Workshop on “Bi-Ped Robotics”was organized on 30 th September 2019 to expose students to practical approach of problem solving.		
PO4	<i>Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.</i>		
	1.8	1	<ul style="list-style-type: none"> ● Target is not attained ● Students were exposed to less research oriented activities.
Action 1	Practical approach for explaining various concepts were adopted by teaching faculties in their regular classes.		
Action 2	We motivate students to attend National and International Conferences, so that students can find solutions to complex problems and come up with their own technical papers as solution.		
Action 3	IDEATHON contest was conducted on 1 st Oct 2019 to bring out research ideas.		
PO5	<i>Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.</i>		
	2.0	2.67	<ul style="list-style-type: none"> ● Target is attained ● It is proposed to increase the target level in the next academic year.
Action 1	“Quad-copter Workshop” by Mr. Shankarsan, resource person from Skyfi Labs was organized on 1 st -2 nd September 2018 to involve students fabricating their own Unmanned Aerial Vehicles. Students were also taught to use drone mapping tools.		

PO6	<i>The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice in Electrical and Electronics Engineering.</i>		
	1.9	1.53	<ul style="list-style-type: none"> ● Target is not attained ● Impact of technology on society was less understood.
Action 1	We organized 5 days social awareness program on “Side Effects of Mobile Phones and Wireless Radiations” in the neighbourhood of our college from 10 th –16 th of August 2019. We were able to reach out to more than 1500 people and created awareness about the side effects of excessive usage of mobile phones.		
Action 2	College NSS cell gives opportunity for students to be part of all its environmental related activities. NSS Conducted 7 days Special camp (SANKALPA) from 12.07.2018 to 18.07.2018 to create awareness on social and environmental issues.		
Action 3	Social media Networking Impacts on College Students was organized on 25th Sep 2019 to make the students aware of negative impacts of technology on society.		
PO7	<i>Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.</i>		
	1.9	1.78	<ul style="list-style-type: none"> ● Target is not attained ● Impact of engineering solutions to society and environment was less understood
Action 1	Conducted one week awareness program on Cauvery calling on 31-8-2019 to 7-8-2019 and created awareness on Cauvery’s depletion, farmer distress, saving Cauvery.		
Action 2	Involved students of all the semester to participate in plantation activity organized by NSS cell on 5.06.2018.		
PO8	<i>Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.</i>		
	1.8	1.40	<ul style="list-style-type: none"> ● Target is not attained ● Less number of subjects to address PO8.
Action 1	Drug abuse awareness program conducted on 06.09.2018 by Thalagattapura police.		

Action 2	Organized one week NSS camp on 12.07.2018 to 18.07.2018 to make students to understand professional ethics and responsibilities.		
Action 3	We ourselves follow and insist students to check plagiarism for the technical papers with the plagiarism testing software available in the library.		
PO9	<i>Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</i>		
	1.8	1.47	<ul style="list-style-type: none"> ● Target is not attained ● Students in first year are not exposed to interpersonal and leadership qualities.
Action 1	Department have various professional bodies to support students to develop their interpersonal and leadership qualities. Students get elected as President, Vice President, Secretary and Treasurer for different professional bodies. The elected office bearers with the support of club members plan and organize events like humanitarian events, motivational talks, fund raising events, self-defense program for girls, student branch meetings, technical Talks etc.		
Action 2	Garut Aero-Modeling Club organizes many activities to support students of different disciplines to come together and carryout inter disciplinary projects. Students designed &fabricated an Unmanned Aerial Vehicle and took part in National level Boeing Aero-Modeling competition (Tekirthi) held at IIT, Kanpur.		
PO10	<i>Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.</i>		
	1.8	1.20	<ul style="list-style-type: none"> ● Target is not attained ● Students are not well versed with communication
Action 1	Training and placement department organized group discussions for first year students from 16-8-2018 to 18-8-2018 to improve students personality.		
Action 2	Students participated in Seminars in regular classes which help them to improve their communication and presentation skills.		
PO11	<i>Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.</i>		
	1.8	1.40	<ul style="list-style-type: none"> ● Target is not attained ● Students do not have the ability to plan and execute projects.

Action 1	Project exhibitions and mini project exhibitions are held regularly to encourage students to understand the whole process of project development, project management and learn to demonstrate his/her project. Project Exhibition was held on 13 th May 2019.		
Action 2	Involvement of students in planning and organizing technical and co-curricular activities also has improved their overall skill set. i) Student branch meeting of IEEE was held on 22nd September 2018 to discuss the upcoming events. ii) IEEE day celebration was held on 3rd October 2018 to know the importance of IEEE and its core purpose to foster technological innovation and excellence for the benefit of humanity.		
PO12	<i>Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.</i>		
	1.9	1.96	<ul style="list-style-type: none"> • Target is attained • It is proposed to increase the target level in the next academic year.
Action 1	We Create awareness to students about MOOC'S to enrol courses online and continue their learning in their area of interests .Our students Monisha B.R, Parikshith S ,P Sai Govardhan were able to complete courses online over courseera.		

PSOs - Attainment Levels and Actions for Improvement- (2018- 19)

PSOs	Target Level	Attainment Level	Observation
PSO1	<i>Graduate should be able to understand the fundamentals in the field of Electronics & Communication and apply the same to various areas like Signal processing, embedded systems, Communication & Semiconductor technology.</i>		
	1.80	1.56	<ul style="list-style-type: none"> • Target is not attained. • Students are not exposed with the advanced engineering concepts
Action 1	We encourage students to take up mini projects ,so that they can apply fundamental Knowledge in building their mini projects. Mini project exhibition was held on 1 st Oct 2019.		
PSO2	<i>Graduate will demonstrate the ability to design, develop solutions for Problems in Electronics & Communication Engineering using hardware and software tools with social concerns.</i>		
	1.80	1.10	<ul style="list-style-type: none"> • Target is not attained • Students are not exposed with the design & development concepts
Action 1	We regularly conduct workshops to make our students upgrade their Programming skills.APP Development program was held on 28 th -29 th sep 2019 to provide essential skills to our students to develop applications on mobile platform.		

CRITERION 9	STUDENT SUPPORT SYSTEMS	50
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9 STUDENT SUPPORT SYSTEMS**Total Marks: 48****9.1 Mentoring system to help at individual level****Total Marks: 5****Institute Marks: 5**

Mentoring system terms of reference; implementation; effectiveness

A. Details of the mentoring system that has been developed for the students for various purposes and also state the efficacy of such system

- The philosophy of mentoring at KSIT is to instill self confidence and a certain level of comfort among the students.
- Every staff is assigned with approximately 20 students.
- The mentor/mentee meetings are conducted before & after the internal tests to discuss the attendance and also the level of preparedness.
- The staff will continue to mentor the students from the 1st year to their final year.
- The mentor/mentee interaction is through direct contact and also electronic means.
- The students enjoy this mentor/mentee relationship that gradually develops over a period of time and in some cases continue to exist even beyond their stay in the campus.

Objectives:

- To create an environment that supports the academic and psychological development of the mentees.
- To impart directions with regards to the smart methods of learning and writing examinations.
- To give inputs on selection of electives, seminar topics, internships & projects.
- To encourage the mentees to feel free to discuss some of the personnel issues.
- To guide the mentees towards their career goals and help them to achieve the same.
- To motivate mentees to take active part in professional clubs and bodies.


Mentoring Process:

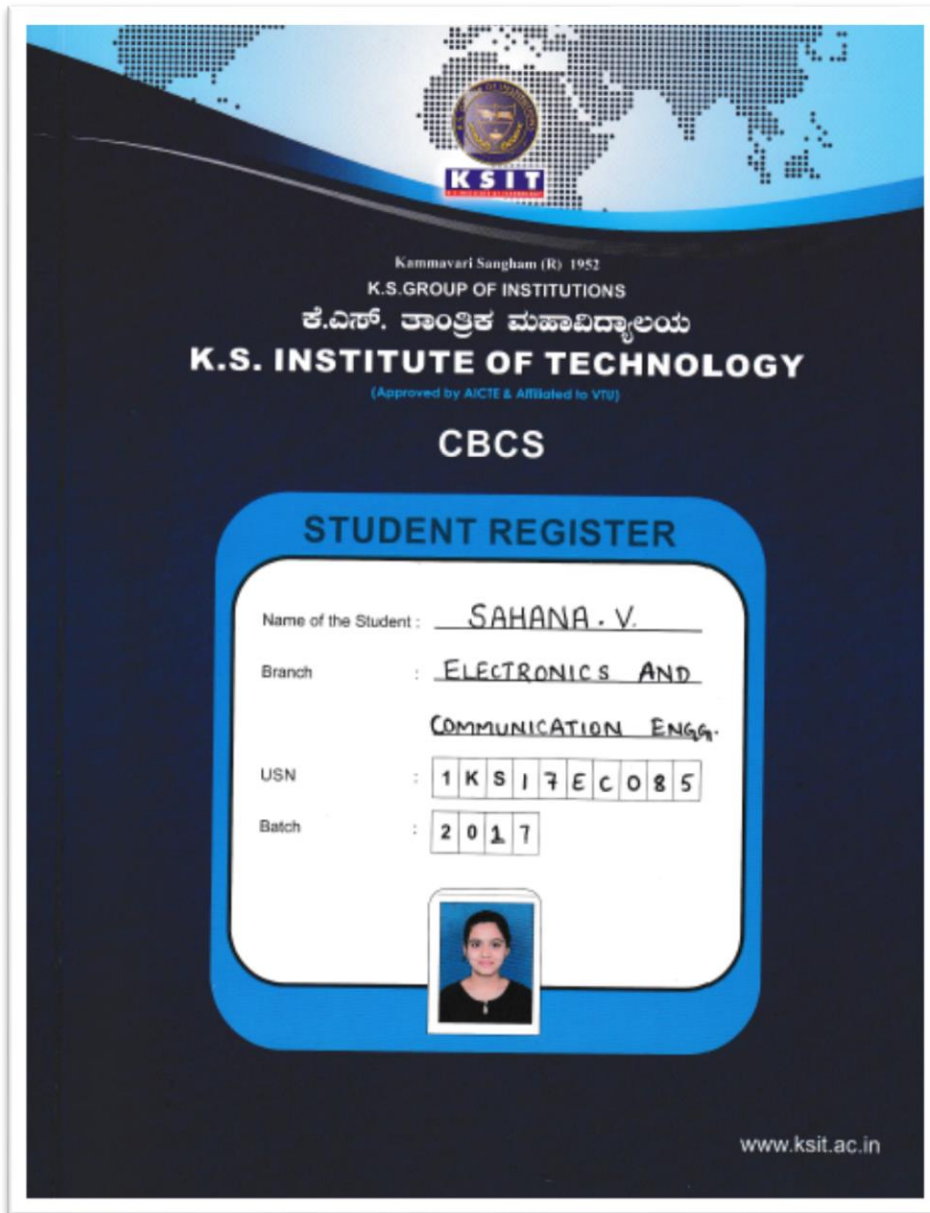
Each student is assigned with a Mentor at the beginning of the first semester. Each mentor maintains a Mentor Book with details like parents/guardian's name, address, contact numbers, academic details and academic scores. The students are directed to make all the entries regarding his personal details in mentor book. The Mentor book contains attendance, performance in internal tests, details of counseling after the internal tests and the University results followed by an undertaking by both student and parent. The mentor makes a note of the entire interaction between him and his mentee during the complete semester. This

information on the mentor/mentee interaction is maintained for the 8 semesters. In addition to this the scholarships and sponsorships awarded to the mentee and some of the academic details like project , internships, conferences & seminars, co curricular and extracurricular activities are also recorded in the mentor book. Every student and his parent is given a login-id to track pertinent information like attendance and academic performance. Follow up sessions with the parents and mentees are arranged for those students who have a poor performance as well as attendance issues to enable them to improve on both these counts.

MENTOR ALLOTMENT

K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 109		
PROCTOR'S REPORT - ODD SEMESTER - 2020 III SEM		
Name of the Proctor Designation & Dept		
Mr. SALEEM S TEVARAMANI		
Sl. No.	USN	Name of the Students
1	1KS19EC001	ABHILASH A S
2	1KS19EC002	ABHISHEK CHANDRESH
3	1KS19EC003	AISHWARYA BASAVARAJ KEMBAVI
4	1KS19EC004	AISHWARYA M G
5	1KS19EC005	AKSHAY KUMAR D
6	1KS19EC006	AKSHITHA
7	1KS19EC007	AMRUTA
8	1KS19EC008	AMULYA R
9	1KS19EC009	ANITHA S
10	1KS19EC010	ANJALI Y J
11	1KS19EC011	ARCHANA YADAV M
12	1KS19EC012	ASHRITHA R
13	1KS19EC013	BHARATH KUMAR R
14	1KS19EC014	BHAVANA S
15	1KS19EC015	CHAITRA P
16	1KS19EC016	CHANDAN RAJ Y
17	1KS19EC017	CHANDANA.L
18	1KS19EC018	CHENNREDDY RAJASEKHAR
19	1KS19EC019	CHIRANTHANA YOGANANDA K
20	1KS19EC020	D NAYAN
21		MADALA VIVEK KUMAR


HEAD OF THE DEPARTMENT
 Dept. of Electronics & Communication Engg,
 K.S. Institute of Technology
 Bengaluru - 560 109

MENTOR BOOK

Kammavari Sangham (R) 1952
K.S.GROUP OF INSTITUTIONS
ಕೆ.ಎಸ್. ಶಾಂತಿಕ ಮಹಾವಿದ್ಯಾಲಯ
K.S. INSTITUTE OF TECHNOLOGY
(Approved by AICTE & Affiliated to VTU)

CBCS


STUDENT REGISTER

Name of the Student : SAHANA . V.


Branch : ELECTRONICS AND
COMMUNICATION ENGG.

USN : 1KSI7EC085

Batch : 2017



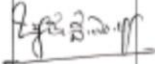


www.ksit.ac.in



K.S. INSTITUTE OF TECHNOLOGY
Bengaluru-560 109

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG..

MENTOR DETAILS

Sl. No	Name of the Mentor	Designation	Department	Mentor Period		Signature of the Mentor
				From	To	
1.	Chowdappa	Asst Prof	BS & IT	Aug 2017	Aug 2018	
2.	Sahana Salyame	Asst Prof	ECE	Asst Prof Feb 2019	Feb	
3.	V. Sangeetha	Asst. Prof	ECE	Feb 2021	Aug 2021	
4.						
5.						
6.						
7.						
8.						

(To be filled with Block Letters only)

Name of the Student : SAHANA.V.

University Seat Number : 1KSI7E085

College ID No. : [] [] [] [] [] [] [] [] [] []

Date of Birth (DD/MM/YYYY) : 24/02/1999

Religion / Community / Caste : HINDU BRAHMIN.

Year of Admission : 2017

Nature of Admission : CET COMED-K Management



Hostel (H) / Day Scholar (D) : I Year II Year III Year IV Year

Passport No. : _____ Driving Licence No. : _____

Bank Details:- 1) Bank : _____ A/C No. : _____
 2) Bank : _____ A/C No. : _____

Degree / Branch : _____

Languages Known : KANNADA, ENGLISH, HINDI.

Name	Qualification / Occupation / Designation	Office Address with Phone No.	Mobile No./ E-mail ID	Stamp Size Photo
Name of the Father A.S.VENKATESH	D.M.E BUSINESS DIRECTOR	#21, 1 ST CROSS BVS LAYOUT BANNERHATA ROAD BANGAL ORE 76 #453115	+91 9845978999	
Name of the Mother SHOBHA.	B.COM HOUSE WIFE		+91 9110210505	
Guardian Name (Relationship)			+91	

1

Blood Group : O⁺

Height & Weight : 5 ft 46 kg

E-mail ID/ Mobile No. : venkateshas88@yahoo.in

Address for Communication :

a) Permanent Address : 5C-09 SARANG NANDI GARDENS J.P. NAGAR 9th PHASE BANGALORE
PIN: 560062
Phone: 9845938999

b) Communication Address : 5C-09 SARANG NANDI GARDENS J.P. NAGAR 9th PHASE BANGALORE
PIN: 560062
Phone: 9845938999

QUALIFYING EXAMINATIONS

10th std
 Name of the Institution : GREEN VALLEY ENGLISH SCHOOL / Place: BANGALORE
 Year of Passing : 2015 Marks Secured : 589/625
 Medium of Instruction :

12th std PUC/10+2
 Name of the Institution : NMRV PU COL / Place: BANGALORE
 Address : JAYANAGAR 3rd BLOCK
 Board of Education : CBSE State Board Others
 Year of Passing : 2017 Marks Secured : 498/600
 Medium of Instruction : % of Marks : 83
 Marks: Maths : 70 / 100 Physics : 78 / 100 Chemistry : 83 / 100

Diploma/ Degree
 Name of the Institution : / Place :
 Year of Passing : Marks Secured : /
 Medium of Instruction : Percentage of Marks :
 Semester wise Marks :

I Sem	II Sem	III Sem	IV Sem	V Sem	VI Sem

2

Method of Examination Preparation : Combined Study / Self Study/ Both ✓

Do you communicate well in English? : Yes /No (if No, How you prepare yourself to improve) _____

No. of Brothers / Sisters & their Details

Brothers Elder	_____	Qualification	_____
Younger	_____	Qualification	_____
Sisters Elder	_____	Qualification	_____
Younger	_____	Qualification	_____

PERSONAL DETAILS :

Do you move freely with everyone in the class? : YES

Personal Problems, if any : NO

Health Condition : GOOD

Undergoing any medical Treatment? if so, Mention : NO

Other areas of Interest : DANCING

Hobbies : SINGING, DANCING

Are you interested in Sports?
(Specify the name of the sports) : NO


Have you won any prizes?
(District / National / International) : NO


Mention any of your specific talents : SINGING, DANCING


Future Plans & Ambition : HIGHER STUDIES [M.TECH]

Reason for Choosing this Branch and College : GOOD REVIEWS & PLACEMENT.

Sahana.V
9/11/2017.
Signature of the Student & date


Signature of the Member & date


Signature of the HOD & date


Signature of the Principal & date

3

KS Institute of Technology
Bengaluru - 560 109

I SEMESTER

Student Name : SAHANA.V.
USN : 1KS17EC085

Attendance & Performance in Internal Assessment Test: Max Marks:40

SL. NO	Sub. Code	Subject Name	I.A. Test-I				I.A. Test-II				Improvement Test				Final Marks	Remarks
			CT	CA	AP	MO	CT	CA	AP	MO	CT	CA	AP	MO		
1	17 MAT - 11	Engineering Maths - I	27	27	100	40	47	47	100	36	71	71	100	40	39	
2	17 CHE - 12	Engineering Chemistry	33	33	100	40	53	53	100	40	74	74	100	40	40	
3	17 PCD - 13	Programming in C & Data Structures	22	22	100	40	35	35	100	40	53	53	100	40	40	
4	17 CED - 14	Computer Aided Engg. Drawing	23	21	91		36	36	87		57	57	98		40	
5	17 ELN - 15	Basic Electronics	26	26	100	34	42	42	100	38	65	65	100	40	38	
6	17 CPL - 16	Computer Programming Lab	7	7	100		10	10	100		13	13	100		40	
7	17 CHEL- 17	Engg. Chemistry Lab	7	7	100		10	10	100		12	12	100		40	
8	17 CIV - 18	Environmental Studies	11	11	100	7	16	16	100	8	27	27	100	8	8/10	

Note :CT= Number of Classes Taken CA= Number of classes attended AP= Attendance in percentage MO= Marks Obtained

Overall percentage of attendance in I Semester: 100%

Sahana V
Student

[Signature]
Mentor

[Signature]
HOD

[Signature]
Principal

KS Institute of Technology
Bengaluru - 560 109

ISEMESTER

Student Name : SAHANA.V.
USN Number : 1KS17EC085

Counseling After Internal Assessment Test

Date of Counseling	Time	Discussed the shortfalls in the Academic performance	Adherence to the suggestions given by the faculty (To be filled by student)	Remarks
29/11/23	10.45 am	Study well in all the subjects & get good results.	I will study well and get good marks.	

Sahana V
Student

[Signature]
Mentor

[Signature]
HOD

[Signature]
Principal

KS Institute of Technology
Bengaluru - 560 109

I SEMESTER

Student Name : SAHANA.V.
USN : 1KS17EC085

University Results

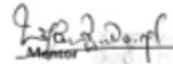
Sub Code	17 MAT - 11			17 CHE - 12			17 PCD - 13			17 CED - 14			17 ELN - 15			17 CPL - 16			17 CHEL- 17			17 CIV - 18			Remarks					
	Sub Name	Engineering Maths - I			Engineering Chemistry			Programming in C & Data Structures			Computer Aided Engg Drawing			Basic Electronics			Computer Programming Lab			Engg. Chemistry Lab			Environmental Studies							
Month & Year	INT	EXT	GL	INT	EXT	GL	INT	EXT	GL	INT	EXT	GL	INT	EXT	GL	INT	EXT	GL	INT	EXT	GL	INT	EXT	GL	INT	EXT	GL			
DEC 2018	39	50	A	40	48	A	40	41	A	40	51	S	38	38	B	40	54	S	40	47	A	16	23	P						


Note: INT= Internal Marks obtained EXT: Credit Points Obtained GL = Grade Letter Obtained


Total Credit Points = 218 Total Credits = 24

SGPA 9.08

Sahana V
Student


Mentor


HOD


Principal

KS Institute of Technology Bengaluru - 560 109		I SEMESTER		Student Name : SAHANA.V. USN : 1KS17EC085	
Counseling After University Results					
Date of Counseling	Time	Discussed the shortfalls in the Academic performance	Adherence to the suggestions given by the faculty (To be filled by student)	Remarks	
26/3/18	11:00 Am	Good performance. Still try to get good marks.	I will try my level best to score good marks in upcoming exams.		
No. of arrears in I Semester		NIL		Total No. Of Arrears	
NIL		NIL			
Sahana V Student		[Signature] Mentor		[Signature] Principal	

Type of Mentoring System

Professional Guidance:

Coding Proficiency- Motivates students to participate in various coding competitions organized by Industries, Academia, and Institutes of Higher Learning's thus enhancing the technical competency and confidence.

Internships- Support, Encouragement, and Guidance are provided for students to undergo an internship program to understand the work culture of the industry, the latest tools, technology and expectations of the Industry. The affiliating university has made internship a mandatory part of the curriculum.

Career Advancement

Career Guidance: Any student studying in a technical institution will confront many paths to build a career for himself/herself. The role of the mentor is to expose his mentees to the various options in terms of career paths. The mentor, having known his mentees at a one-to-

one level will have a good idea about the right path that each mentee should take. Thus, the mentor is quite competent to show this particular path to the mentee so that he/she can take this path and build a successful career.

Placement Guidance: Communication Skills and Technical Skills: Communication skills specially oral, written and presentation skills are continuously imparted from the 1 semester to seventh semester covering topic such as Communication Skills, Interpersonal Skills, Presentation skills and Body language, Self introduction and E-Mail writing, Group Discussion, Public Speaking, Resume Writing & Presentation Skills.

Technical Training: In the 7 semester, the students are given a recap of all the technical subjects to reinforce the fundamentals they have learnt and prepare to perform better in the campus selection process.

Course Work Specific: Smart Study and writing Examinations: The mentor has to guide his mentees with regards to the sources of study material available, the smart approach to study, the ways and means to remember the knowledge acquired and organize their learning in a proper schema so as to retrieve this knowledge and apply the same whenever they are confronted with a problem. This smart learning along with some pointers to effectively write the answers will help all the mentees to write smart and perform better in their examinations. Selection of electives, internships, projects & seminar: Every student who enters the portals of a technical institution is confronted with certain crucial decisions with regards to electives, internships, seminar topics and project and guide selection. The role of the mentor attains its pinnacle during the mentor/mentee interaction while the former helps the latter to take decisions on these academic matters.

Laboratory specific: Laboratory manual: Provide students with customized laboratory manual based on the experiments of the course. PPT Explanation: Students are given PPT explanation before commencement of the experiment to make them understand working procedure. Student Counseling: Counsel irregular students to attend laboratory classes regularly.

All round Development: Personal Development: Since the students join the professional institution from their higher secondary education they need to be reoriented towards the new environment. Thus, the mentors have the responsibility of putting their mentees in to a comfort zone and help them to overcome the culture shock which they may probably face. Every first year student as well as parent will have certain apprehensions regarding the presence of ragging on the campus. The mentor has to give the courage to both of them that the campus is ragging free and safe. The mentor interacts with his mentee on a one-to-one basis and tries to understand the strengths, weaknesses, interests, hobbies and his/her likes & dislikes and tries to know each of his mentees at personal level. The mentor uses all the

above information to encourage the personal development of each mentee during their four years of stay on the campus. Motivating the students for Extracurricular activities: The students are encouraged to participate in various co - curricular and extracurricular activities which give them an exposure to managerial skills, team skills, interpersonal skills, leadership & decision making etc.,

Efficacy of Mentoring: Students who enter the portals of KSIT go through a rigorous training program under the strict monitoring of their mentors. This has resulted in the students developing themselves into very proficient and competent individuals. This is in tune with the vision the institute in developing quality technical manpower with ethical values and employable skill

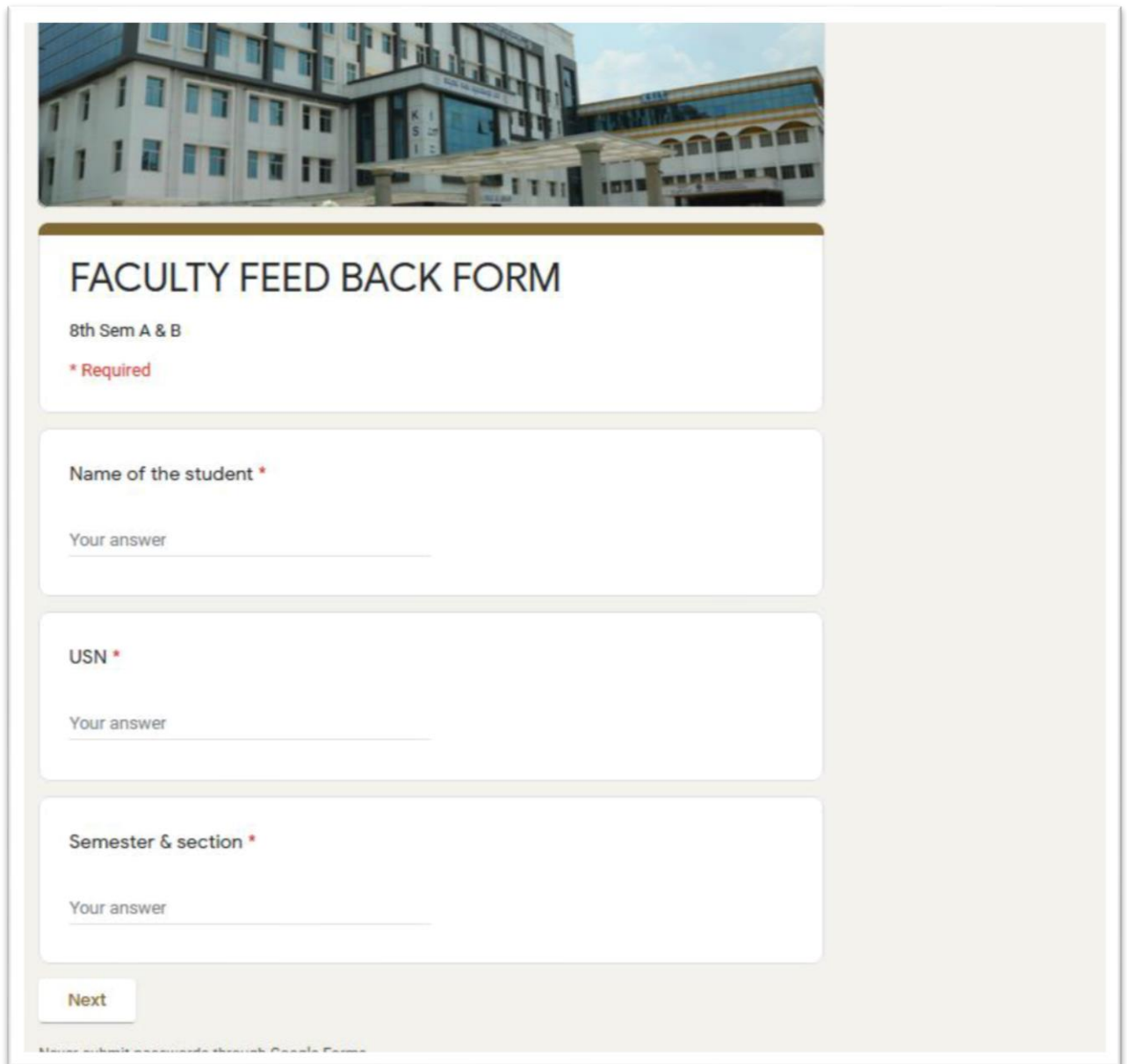
9.2 Feedback analysis and reward /corrective measures taken, if any **Total Marks:10**
Institute Marks:10

A. Methodology being followed for analysis of feedback and its effectiveness

- The scale for faculty feedback rating is from 1 to 10 (10 point scale).
- The feedback collected from students is first analyzed by an Assessment Committee headed by the Principal.
- Principal can only access the feedback given by students and give away to respective Head of the Departments. Further, respective Head of the Departments will circulate individual subject feedback as well as consolidated class feedback to each faculty.

Faculty scoring less than the Institution Standard (80%), necessary corrective actions are followed. The comments are analyzed by the Head of the Department and are discussed with the concerned faculty individually. Suggestions for improvement in teaching performance are given if required.

FACULTY FEED BACK FORM



FACULTY FEED BACK FORM

8th Sem A & B

* Required

Name of the student *

Your answer _____

USN *

Your answer _____

Semester & section *

Your answer _____

Next

More submit records through Google Forms



FACULTY FEED BACK FORM

* Required

Wireless Cellular and LTE 4G Broadband

Faculty Name *

Dr.Sangappa.S.B

Mrs. Pooja S

a] Availability of internet to attend the online classes *

Yes

No

b] Compatibility of ONLINE portal used by the faculty *

Good

Poor

1) Effective planning & organization of lecture by faculty *

- Excellent
- Good
- Fair

2) Ability of faculty to teach effectively using ONLINE portal. *

- Excellent
- Good
- Fair

3) Subject knowledge of the faculty *

- Excellent
- Good
- Fair

4) Effective distribution of study materials *

- Excellent
- Good
- Fair

5) Communication skills of the faculty & clarity of communication *

- Excellent
- Good
- Fair

6) Syllabus coverage by the faculty *

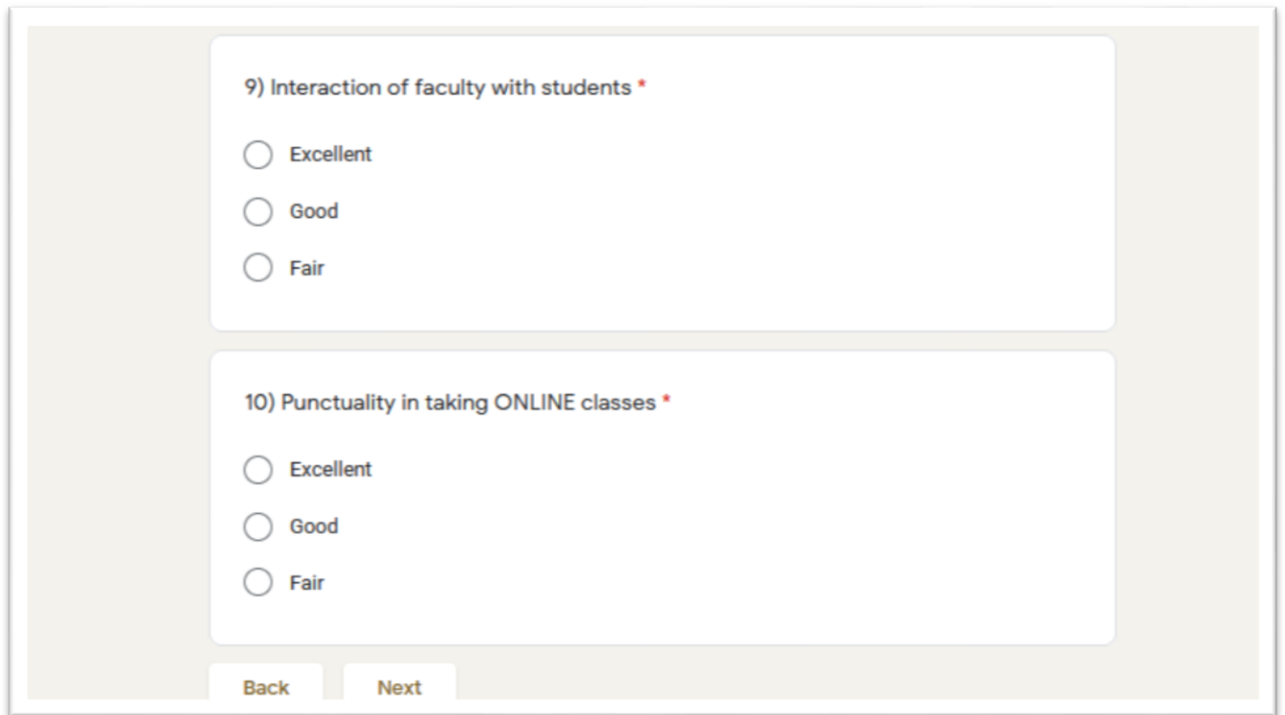
- Excellent :>95%
- Good:>85%
- Fair:>75%

7) Evaluation of Test & Assignments *

- Excellent
- Good
- Fair

8) Effectiveness in conduction of teaching pedagogy activities *

- Excellent
- Good
- Fair



9) Interaction of faculty with students *

Excellent

Good

Fair

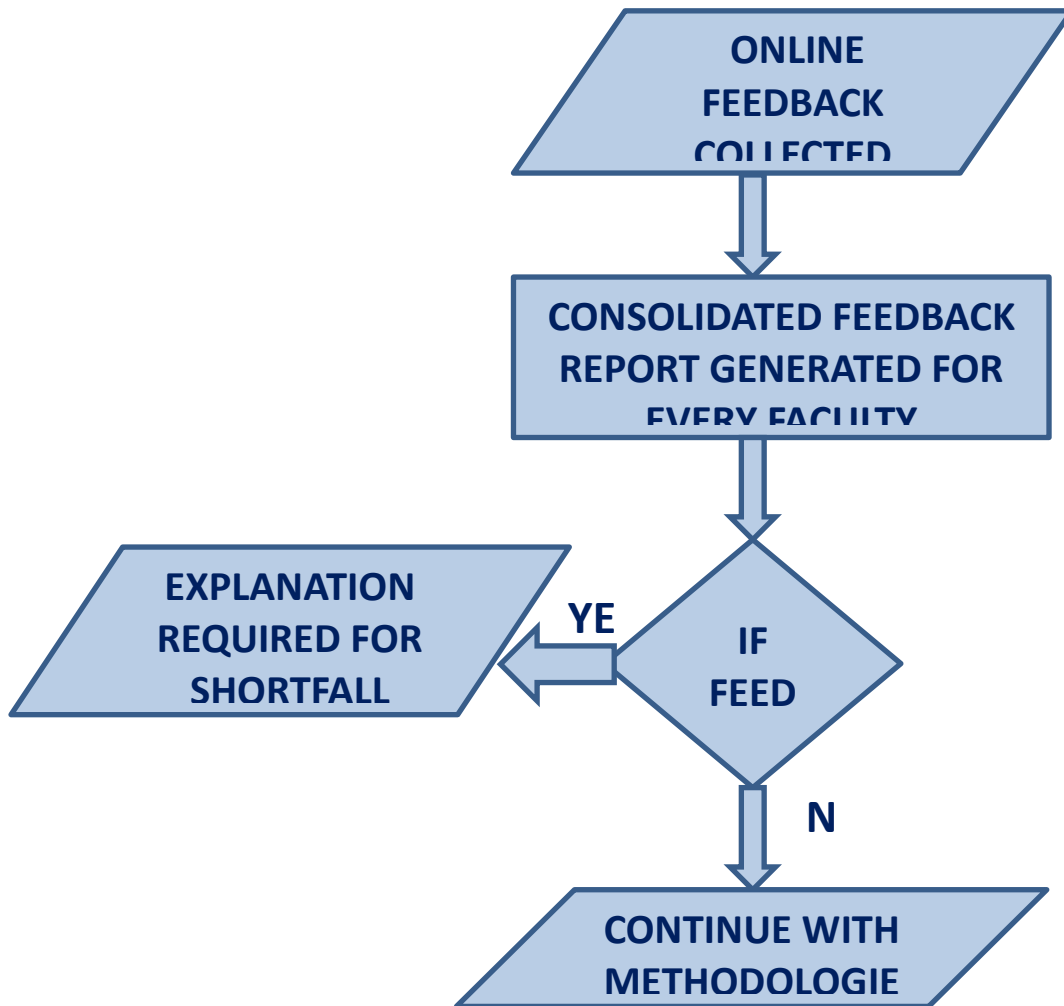
10) Punctuality in taking ONLINE classes *

Excellent

Good

Fair

Back Next

FEEDBACK FLOWCHART**FEEDBACK PROCESS**

Feedback collected for all courses: YES

Specify the feedback collection process: Through web portal

Average Percentage of students who participate: 85%



K.S.INSTITUTE OF TECHNOLOGY, BANGALORE-560109

Department of Electronics & Communication Engg

STUDENTS ONLINE FEEDBACK

Details of Second Feedback for Even semester 2020-21

EVEN SET-2

- a) Availability of internet to attend the online classes
 b) Compatibility of ONLINE portal used by the faculty
 Q 1) Effective planning & organization of lecture by faculty
 Q 2) Ability of faculty to teach effectively using ONLINE portal.
 Q 3) Subject knowledge of the faculty
 Q 4) Effective distribution of study materials
 Q 5) Communication skills of the faculty & clarity of communication
 Q 6) Syllabus coverage by the faculty
 Q 7) Evaluation of Test & Assignments
 Q 8) Effectiveness in conduction of teaching pedagogy activities
 Q 9) Interaction of faculty with students
 Q 10) Punctuality in taking ONLINE classes

Sl. No	Name of the Faculty	Sub & Code	Semester	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	TOTAL
1	Mrs. Lakshmi C	Complex Analysis, Probability and Statistical Methods (18EC41)	IV A	9.49	9.53	9.53	9.72	9.63	9.67	9.58	9.53	9.53	9.53	9.58
2	Mr. Chowdappa	Complex Analysis, Probability and Statistical Methods (18EC41)	IV B	8.9	8.83	8.93	8.9	8.88	9.25	9.15	8.8	9.08	8.88	8.96
3	Mr. B. R. Santhosh Kumar	Analog Circuits (18EC42)	IV A & B	9.22	9.22	9.43	9.14	9.32	9.34	9.29	9.1	9.22	9.29	9.26
4	Mr. Praveen A	Control Systems (18EC43)	IV A	9.58	9.49	9.67	9.6	9.58	9.58	9.53	9.51	9.53	9.58	9.57
5	Mr. Sampath Kumar S	Control Systems (18EC43)	IV B	8.75	8.63	8.98	8.7	8.83	8.78	8.75	8.68	8.83	8.95	8.79
6	Mrs. Yashwini V	Engineering Statistics & Linear Algebra (18EC44)	IV B	9.27	9.16	9.3	9.27	9.21	9.4	9.32	9.26	9.36	9.32	9.29
7	Mrs. Pragati P	Signals And Systems (18EC45)	IV A & B	9.14	9.14	9.36	9.08	9.22	9.27	9.26	9.32	9.19	9.25	9.22
8	Mr. Sunil Kumar G R	Microcontroller (18EC46)	IV A	9.49	9.44	9.58	9.58	9.53	9.58	9.44	9.49	9.44	9.58	9.52
9	Mr. Christo Jain S	Microcontroller (18EC46)	IV B	9.33	9.10	9.33	8.78	9.13	9.28	9.00	9.10	9.13	9.15	9.13
10	Mrs Anuradha V	Constitution of India, Professional Ethics and Cyber Law	IV A & B	9.3	9.32	9.44	9.39	9.38	9.45	9.42	9.32	9.42	9.34	9.38

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HOD-ECE

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25/8/21

B. Record of corrective measures taken

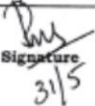
- If feedback is < 80%, remedial measures are proposed for improvement and are documented.
- Concerned faculty will be counseled by HOD and Principal.
- Promoting and encouraging faculty to attend the Faculty Development Programs (FDP) related to effective teaching methodologies.

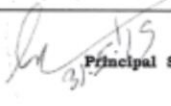
Reward: If Faculties gets 100% results, they are rewarded with certificates during Orientation Day Function.

K.S. INSTITUTE OF TECHNOLOGY, BANGALORE-109

REPORT ON THE STUDENT FEED BACK (<80%)

Name of the faculty: <i>Dr. B. SODARSHAN</i>		Department: <i>EC</i>	Designation: <i>Associate Professor</i>		
Branch: <i>EC</i>	Sem: <i>4</i>	Class Strength: <i>38</i>	Attended: <i>3/38</i>	Feed Back %: <i>72.25%</i>	
Subject: <i>SIGNALS & SYSTEMS</i>			Subject Code: <i>17EC42</i>		
Criteria					
Learning Behaviour of the student in the class room	<i>POOR</i>				
Interaction of the students with faculty	<i>POOR</i>				
Feed back on the subject	<i>Comparatively tough in this Semester Requires good mathematics knowledge.</i>				
Test performance & expected pass percentage	<i>75% 75%</i>				
Feed back Criteria / areas need to be Attended	<i>All areas as per students.</i>				
Remedies planned & to be implimented	<i>Will improve, on these areas.</i>				


 HOD Signature
3/5


 Principal Signature
3/5

9.3 Feedback on facilities**Total Marks: 5****Institute Marks: 5**

Every year feedback on college facilities is collected from the students. Necessary actions are taken based on the feedback. The students have freedom of expressing their views/suggestions about the facilities. Head of the Institution in consultation with the management, corrective actions has been taken after discussions. Assessment is based on student feedback collection, analysis and corrective actions taken.

Feedback on facilities is taken as per the following steps:

- 1) Feedback collection process
- 2) Feedback analysis
- 3) Corrective actions

Feedback collection process

Items	Description
<ul style="list-style-type: none"> • Feedback collected on all facilities provided by the college. 	<ul style="list-style-type: none"> • YES
<ul style="list-style-type: none"> • Feedback collection process 	<ul style="list-style-type: none"> • Google Forms
<ul style="list-style-type: none"> • Feedback receiver 	<ul style="list-style-type: none"> • Head of the Institution
<ul style="list-style-type: none"> • Frequency of feedback collection 	<ul style="list-style-type: none"> • Once in an academic year
<ul style="list-style-type: none"> • Metrics used for calculation 	<ul style="list-style-type: none"> • 5 Point Likert Scale • (Excellent, Very Good, Good, Satisfactory, Not Satisfactory)
<ul style="list-style-type: none"> • Purpose 	<ul style="list-style-type: none"> • For improving the quality of facilities

QUESTIONNAIRES FEEDBACK ON FACILITIES

Rating **Scale** :

5 **4** **3** **2** **1**

Excellent **Very Good** **Good** **Satisfactory** **Not Satisfactory**

1. The upkeep of class rooms, common areas, corridors and others instructional areas are:
2. The Laboratories and workshops are fully equipped and provides a good learning environment:
3. The Library is adequate with ample no. of titles and volumes of text and reference books and other learning materials including e-resources:
4. The location and landscaping of the campus is :
5. The internet connectivity that is provided in the labs / On-line exam centre in the campus is:
6. The institution provides for adequate co-curricular and extra curricular activities:
7. The institution has adequate no. of student chapters of professional bodies that aids my professional development;
8. The Placement & Training Office is very active and gives adequate training and prepares me for campus recruitment:
9. The office is accessible and student friendly and always willing to give me any information and guidance:

10. The exam section in the office is very courteous and always willing to help me in all the exam related tasks like filing applications, issuing admission tickets and marks cards.
11. Drinking water accessibility is:
12. The Canteen is adequate, hygienic and offers a variety of food.
13. The maintenance and upkeep of wash rooms are:
14. The sports amenities provided by the institution are:
15. The transportation infrastructure of the institute is quite adequate and student friendly while the buses are punctual and the transportation staff are very courteous:
16. Amenities like staff and student parking, lift and ramps that are adequately provided are
17. The hostel facility provided for both boys and girls is:
18. The food served in the hostel is sumptuous, nutritious and hygienic
19. The ladies room and boys' common area are adequately furnished and well equipped:
20. The first aid room and immediate attention that the students get in case of medical emergencies are

Feedback analysis

The feedback given by the students is consolidated and analyzed. The Principal discusses about the consolidated report with the management and comes out with necessary action plan.

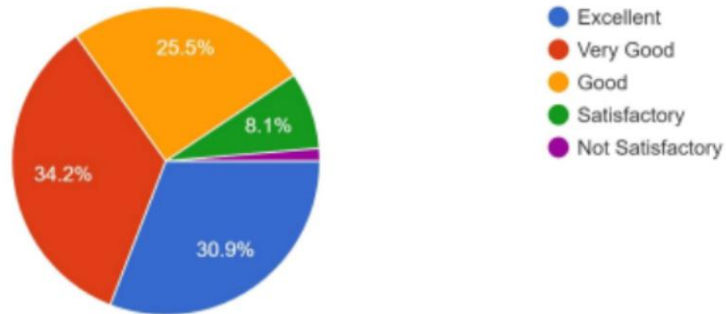
Rating of scale is from 1 to 5 (5 - Excellent, 4 - Very Good, 3 - Good, 2 - Satisfactory, 1 - Not Satisfactory)



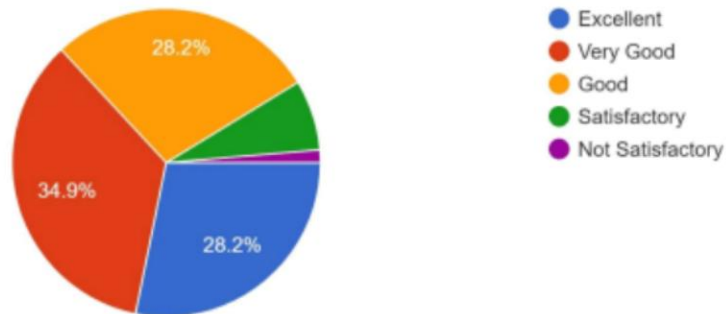
K.S.INSTITUTE OF TECHNOLOGY
Kanakapura Main Road, Raghuvanahalli, Bengaluru-560109

STUDENT FEEDBACK ON FACILITIES 2020-21

1. The upkeep of class rooms, common areas, corridors and others instructional areas are:
149 responses

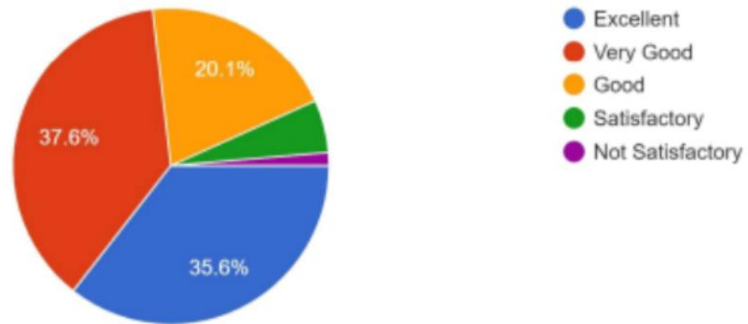


2. The Laboratories and workshops are fully equipped and provides a good learning environment:
149 responses



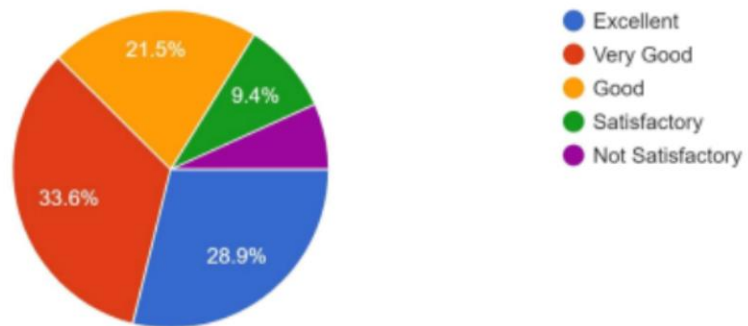
3. The Library is adequate with ample no. of titles and volumes of text and reference books and other learning materials including e-resources:

149 responses

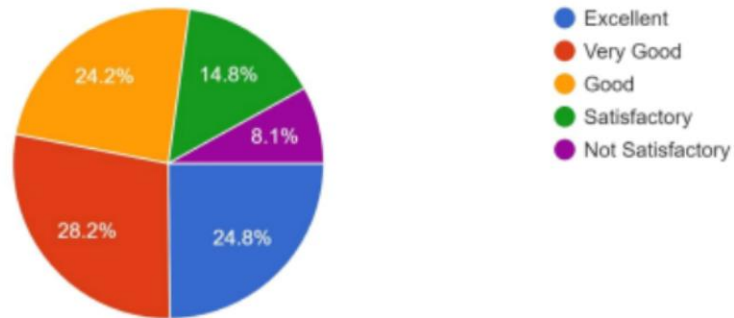


4. The location and landscaping of the campus is :

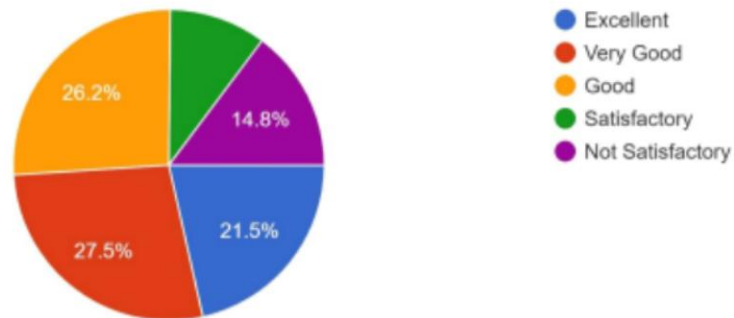
149 responses



5. The internet connectivity that is provided in the labs / On-line exam Centre in the campus is:
149 responses

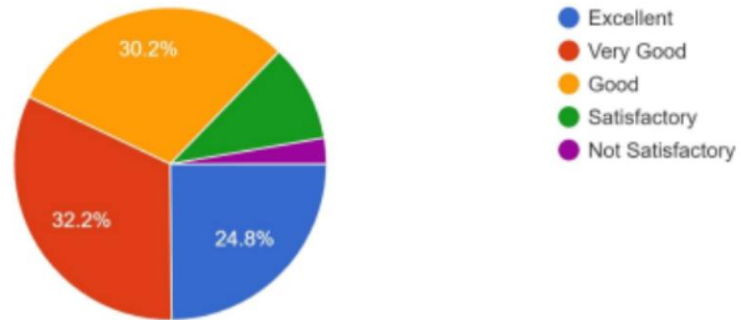


6. The institution provides for adequate co-curricular and extra curricular activities:
149 responses



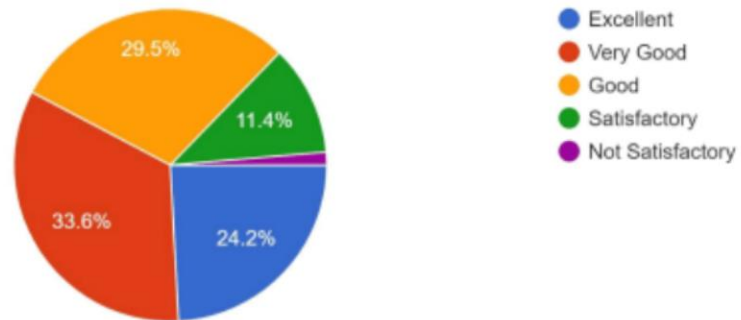
7. The institution has adequate no. of student chapters of professional bodies that aids my professional development;

149 responses



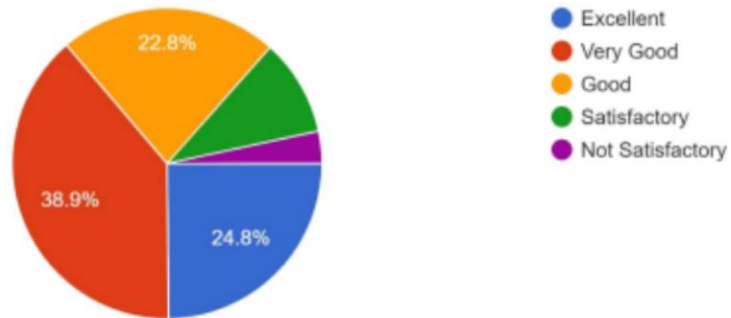
8. The Placement & Training Office is very active and gives adequate training and prepares me for campus recruitment:

149 responses



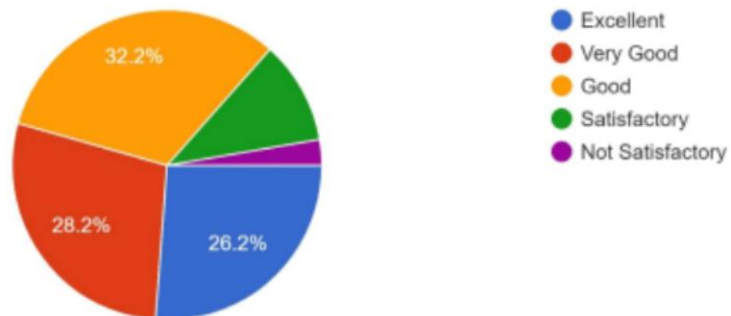
9. The office is accessible and student friendly and always willing to give me any information and guidance:

149 responses



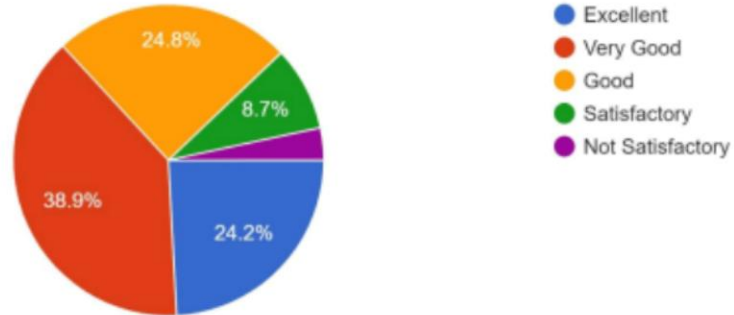
10. The exam section in the office is very courteous and always willing to help me in all the exam related tasks like filing applications, issuing admission tickets and marks cards.

149 responses



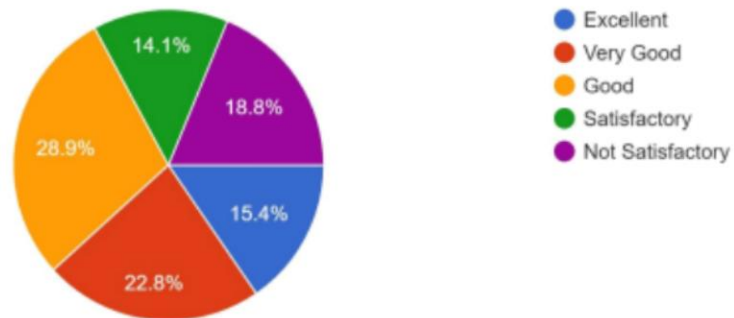
11. Drinking water accessibility is:

149 responses



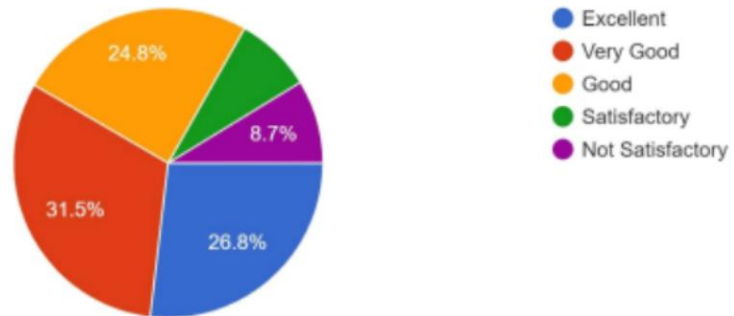
12. The Canteen is adequate, hygienic and offers a variety of food

149 responses



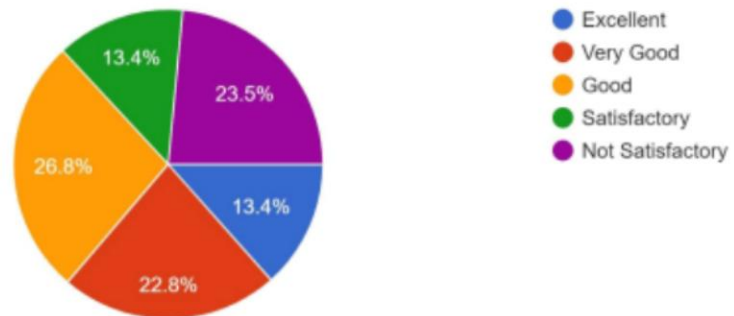
13. The maintenance and upkeep of wash rooms are:

149 responses



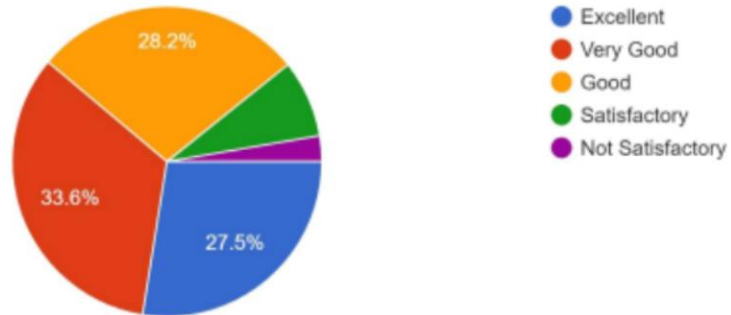
14. The sports amenities provided by the institution are:

149 responses



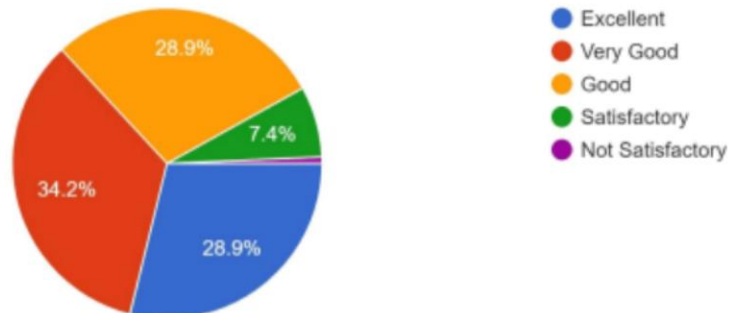
15. The transportation infrastructure of the institute is quite adequate and student friendly while the buses are punctual and the transportation staff are very courteous:

149 responses



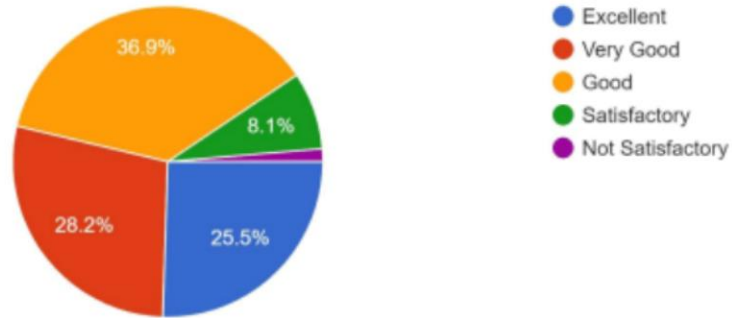
16. Amenities like staff and student parking, lift and ramps that are adequately provided are :

149 responses



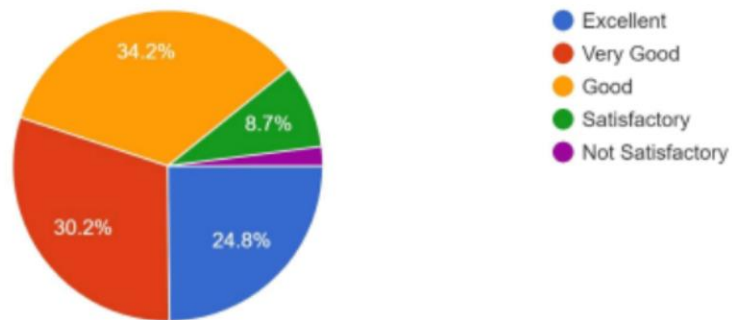
17. The hostel facility provided for both boys and girls is:

149 responses

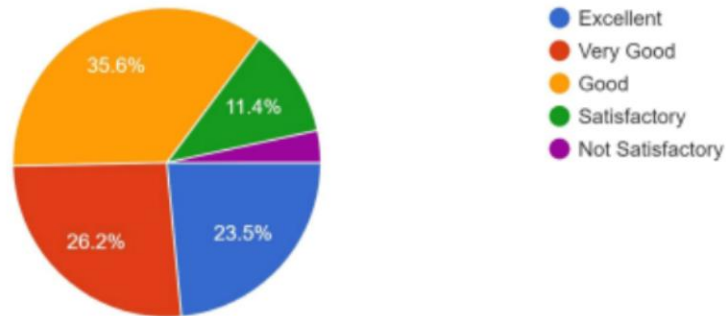


18. The food served in the hostel is sumptuous, nutritious and hygienic.

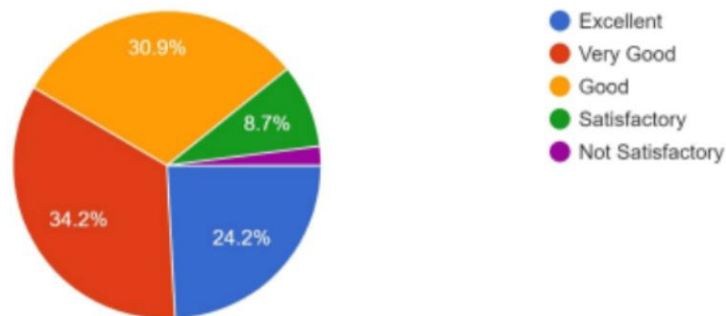
149 responses



19. The ladies room and boys' common area are adequately furnished and well equipped:
149 responses



20. The first aid room and immediate attention that the students get in case of medical emergencies are
149 responses



Corrective actions:

Grievance Committee headed by Mr. Sanjoy Das, Assistant Professor, CSE to take care of students Grievances. These Grievances are brought to the notice of higher authorities and necessary action will be taken.

9.4 Self-Learning**Total Marks: 5****Institute Marks: 4****Scope for Self-Learning:**

Course Assignments help students in getting a better exposure to the subject.

Internships:

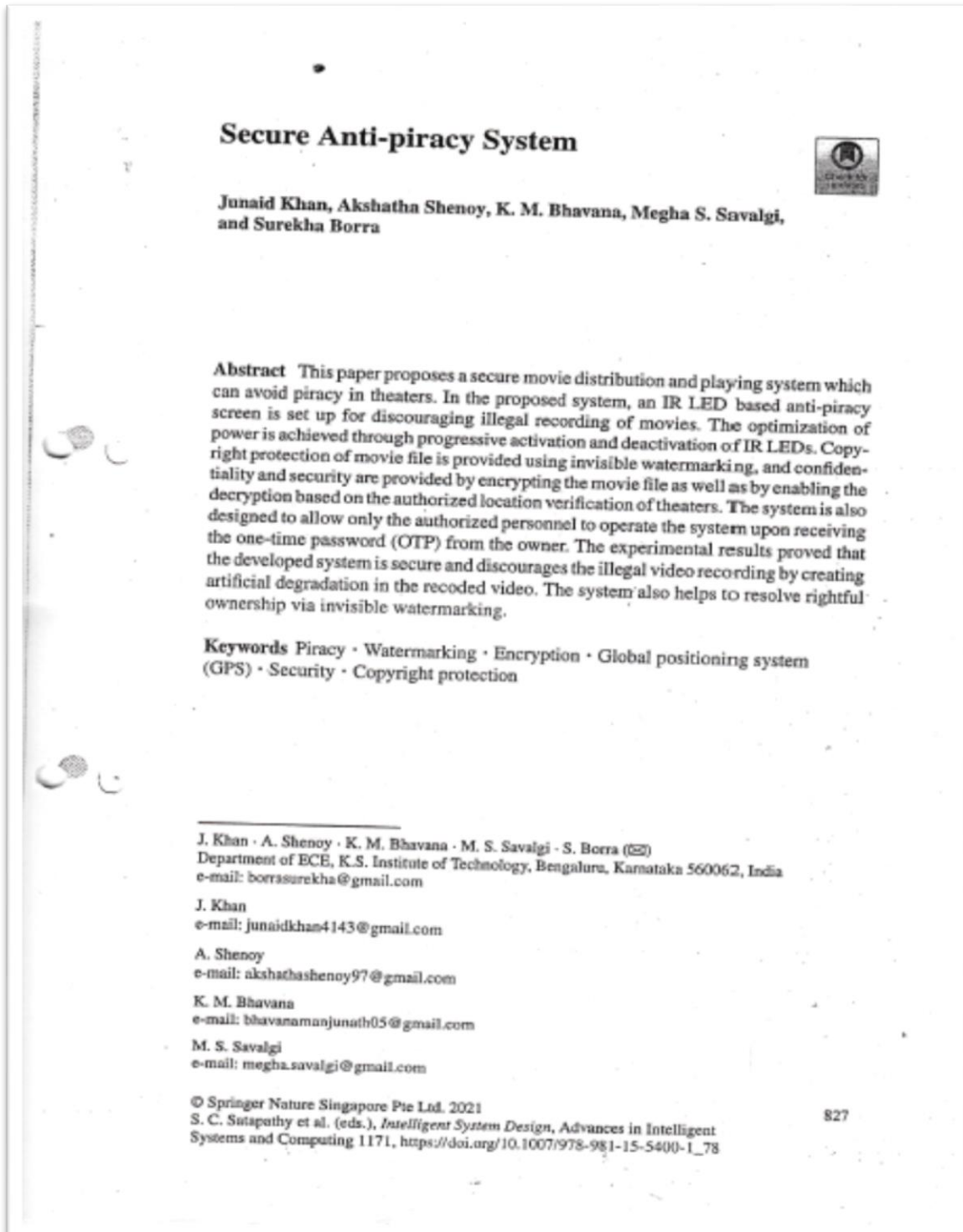
Students are facilitated by providing list of companies /Industries, where they can undergo 4 weeks of Internship/ Professional practice. College took initiative to organize in house internship by calling resource persons from industry. Student shall report to the department internship coordinator in which company/ industry he/she is doing their internship. The internship coordinator will allot a guide to each student. Student will be in touch with their guide, informing about their learning. Student cumulates their learning in a report on their internship/ professional practice and gives a presentation in front of internship coordinator and the guide.

Mini Projects: Students are encouraged to do mini projects using their domain knowledge in order to expose them to real life problems. These projects are done on their own initiative but in consultation with the faculty. After completing these mini projects the students are encouraged to demonstrate the same to the faculty in their departments who would advice to improve upon them and take it forward to their final year project work.

Technical Seminar: Students are encouraged to choose their seminar topic from the latest published papers. Students will ensure that the topics are of IEEE/IET/Springer/ Elsevier Journal publications/ similar standards of recent years. The seminar coordinators freeze the topics for the student based on ‘first cum first served’ and also ensure no duplication of topics will happen. A seminar report has to be prepared as per university guidelines. The report will include introduction, literature analysis, proposed methodology by the author, hardware & software requirements, applications, conclusion and future scope. The presentation schedule is prepared by seminar coordinator and displayed on the notice board. Per Week four hours are made available for students to present their technical seminar as per the schedule.

Project Work: Students will choose their project from the list of synopsis posted on the department notice board. The list of synopsis is prepared by project coordinator, in which each faculty proposes two or three project titles of their area of research/interest. Students shall go through the list and report to the coordinator about their choice of project and freeze their project title, project guide and their team. Students shall make their own teams, as per university guidelines. The freezing of topic happens on ‘first cum first served’ basis. Students are also encouraged to come up with their own ideas.

In the zero review, student's project team will present their project objectives and timeline to carry out their project. Students have to meet their guide at least once in a week to report their project status and to seek guidance in their progress. To evaluate project progress, the department conducts three project reviews. In the first review literature survey and problem formulation are evaluated. In the second review experimental observation / theoretical modeling and status of the report are evaluated. In the third review results, conclusion / scope for future work and completion of report are evaluated.

STUDENT PUBLICATIONS

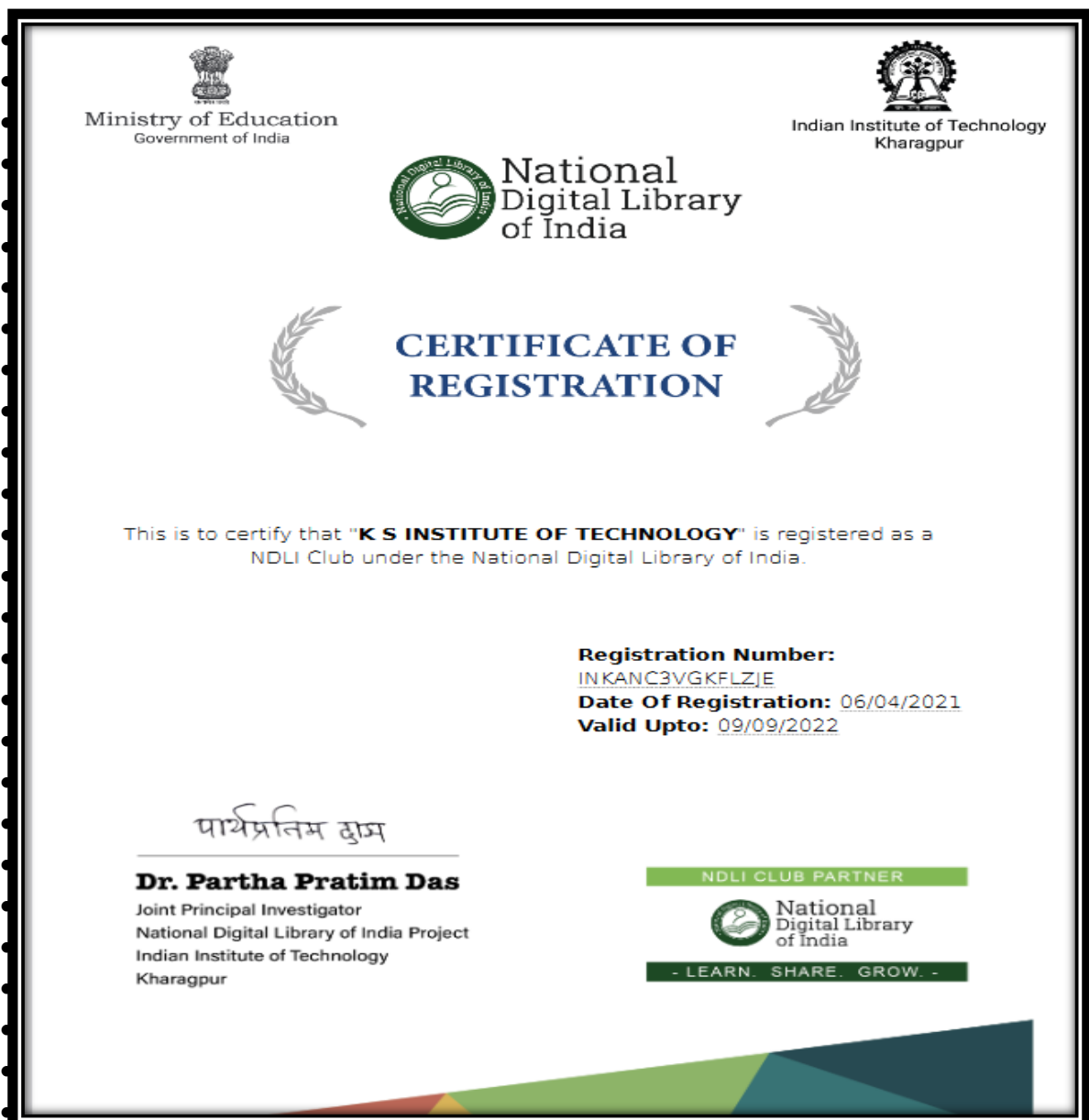
B. The Institution needs to specify the facilities, materials for learning beyond syllabus, Webinars, Podcast, MOOCs etc. and demonstrate its effective utilization

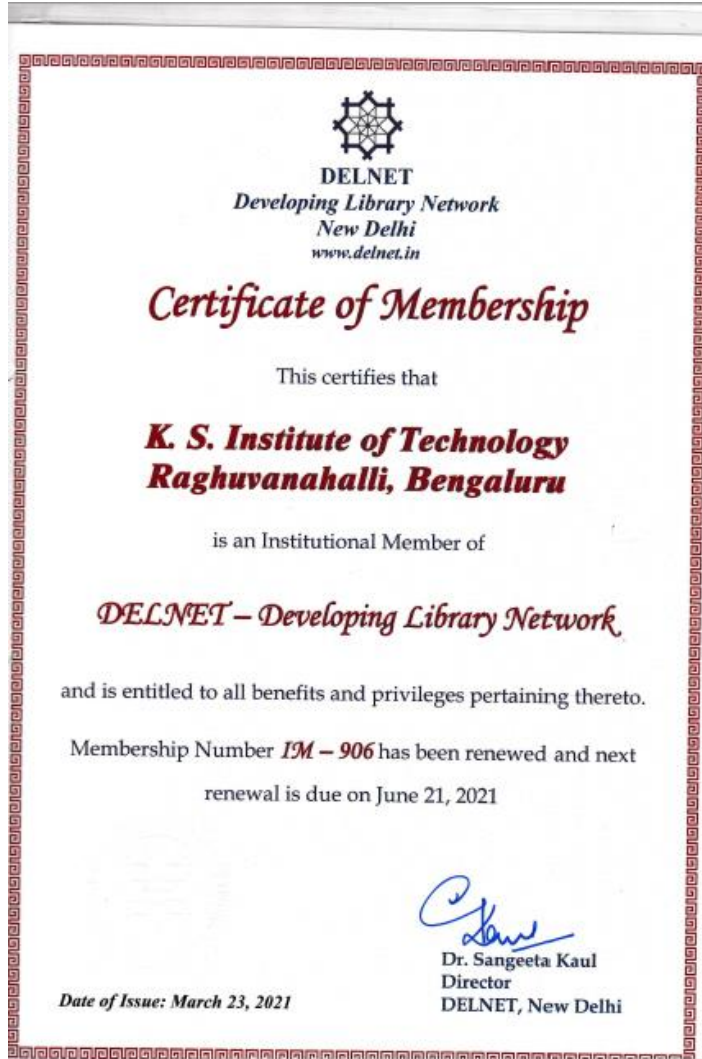
Detailed list of Self – Learning facilities:

Library:

Digital library:

- 18 Computers with i3 processors, 4GB RAM configured with Windows-8 Operating system.
- Systems are enabled with Internet facility up to 50 Mbps speed.

NDL CERTIFICATE

DELNET CERTIFICATE

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"Jnana Sangama" Belagavi – 590 018

Karnataka State, India.

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License No. : KS-B49

This is certifying that, K. S. Institute of Technology, Bengaluru is the member of VTU-Consortium and this institution is licensed to access the following e-Resources for the year 2020-21.

Sl. No.	e-Resources
1.	Elsevier -Science Direct e-Journals
2.	Springer Nature e-Journals
3.	Taylor and Francis e-Journals
4.	Emerald (Management) e-Journals.
5.	Net Analytiks (Sententia-tool)
6.	K-Nimbus (Digital Library Platform and Remote Access Solution)
7.	Turnitin (Similarity check tool)

Note: The Librarian of K. S. Institute of Technology, Bengaluru shall report the undersigned regarding any issues encountered in accessing the above e-Resources. If no issues are reported back, it will be deemed that there are no issues and the institution is accessing all the above resources without any interruptions. However, for further assistance with regard to accessing the databases, the representatives of the respective publishers shall be contacted through a mail with a copy to the coordinator, VTU Consortium.


Co-Ordinator
Registrar

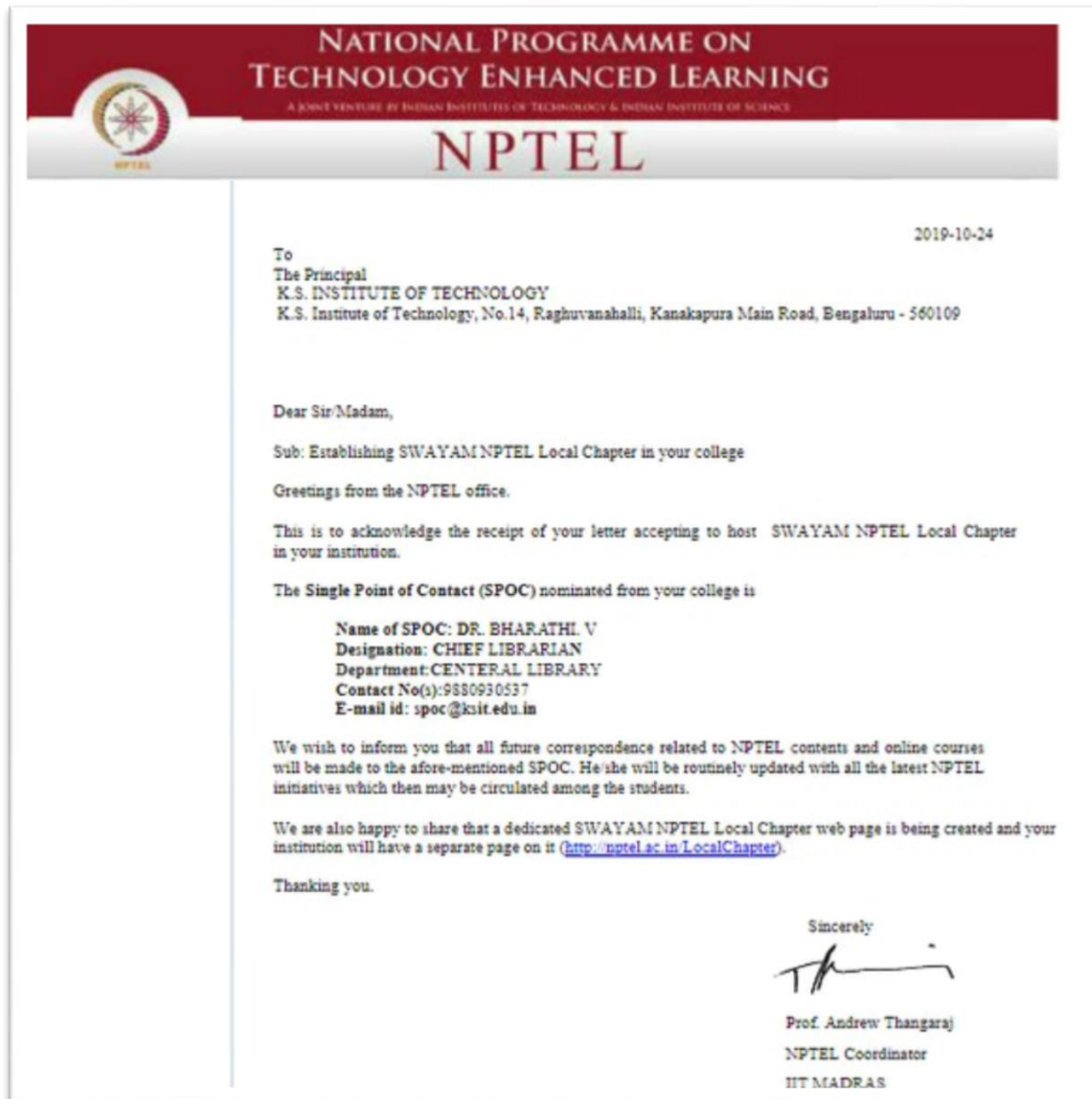
Encouragement to e-shikshana and online courses:

Institute has registered in various portals for providing the platform for the students and faculty to register for various Online courses and certifications through NPTEL, MOOC's, etc to keep abreast of latest / state of art technological development. SWAYAM NPTEL Local Chapter established in our college.

SWAYAM NPTEL Registered Users: 10 and Enrolled Students: 200 (From January 2020 to April 2020).

Online Course Registered Users: 662 (From January 2020).

NPTEL CERTIFICATE



Professional bodies /other associations:

Every student is encouraged to be part of at least one professional body among IEEE, CSI, SAE, IETE, IEI and ISTE. Under these professional bodies, Many events like Conferences, workshops, Seminars and Guest Lectures are conducted throughout the year for students.

Club Activities

Garut Aerobotic Club encourages students to explore technicalities of both Aero-modeling and Robotics. Several events were organized to facilitate self-learning. As a result, **GARUT** team comprising of 3 members took part in prestigious “**National Level Boeing Aero-Modeling Competition- 2019**”held at **IIT, Kanpur**.

Telecom Engineers Forum encourages students to take part in various technical events to enhance their skill set. The forum also facilitates students to carry out their mini projects.

The **Firefox Club** well known as **Equinox** started on 23rd of September 2016. The Equinox encourages the technical enthusiasts, who strive to make an impact on the student life and the society.

Emanation Club gives a platform for students to showcase their hidden talents, develop the ability to work in a team, attain leadership & communication skills and also acquire logical/analytical skills. The club identifies and facilitates students, who have excelled in academics.

Events conducted details for the Academic Year 2020-21

Organiser	Type of the Event	Name of the Event	Date	Resource Person	No of Participants
IEEE KSIT STB	Guest Lecture	TALK on INTERNSHIP OPPORTUNITIES	1st & 2nd Jul 2020	Dr. P Joy Prabhakaran, key Resource person, KSIT DAY 1, Mr.Y.V.Prakash, Head of Technology Transfer and Products Lab, IIT Hyderabad DAY 2, Mr.Supreeth.Y.S, Director and CEO, TEQUED Labs	50
	Seminar	TALK-INTERNSHIP ON DATA SCIENCE	3rd Jul	Mr.NiranjanBalaji,Managingdirector,Raspol Technologies Pvt Ltd.	50

Social Event	Exploring Data Science	4th Jul 2020	Dr.JyothiMunavalli	25
Seminar	INTRODUCTION TO ML AND FULL STACK DEVELOPMENT	8th Jul, 2020	Mr. Rahul Kumar K – CEO, InversaTechnosoft, Mr. Ameer from InversaTechnosoft and Mr. Raghu K, Accenture	60
Social Event	VIDEO CONTEST	3rd August, 2020	All EXECOM members	12
Social Event	Quiz on account of latest trending technologies	on 8th September, 2020	All EXECOM members	100
Guest Lecture	WIE TALK : Go Green Zero waste Period	12th September, 2020	Dr.Hemavathi Srinivasan.	37
IEDC	Poster Making Contest on 15th October,	15th October, 2020		15
IEDC	IDEATHON	15th October, 2020	Dr.JoyPrabhakaran and Dr.RamRustagi	8 batches
Social Event	IEEE DAY CELEBRATIONS	15th October, 2020	Ms SadhanaAttavar – WIE Chair Bangalore Section.	80 IEEE participants and 20 Non – IEEE participants
Guest Lecture	TALK ON GETTING STARTED WITH EQUATIONS IN MS POWERPOINT	28th October, 2020	Dr. Joy Prabhakaran is the Key Resource Person at KSGI.	50
Social Event	Fire side chat with IEEE volunteers	31st May 2021	Mr.KetanKeshav Ms. NagaLekha	122

	Social Event	Chat over with IEEE volunteer	1 st Jun 2021	Mr. Ketan Keshav Naga Lekha Ms. Disha Hrithvik	Ms. Mr.	105
	Social Event	Power of Positive thinking	11 th Jun 2021	Mr. Mohan Shetty		90
	Guest Lecture	Internet communication & networking	14 th Jun 2021	Mr. Akhil Mohan		85
	Guest Lecture	Machine Learning	18 th Jun 2021	Mr. Manish Singh		80
	Social Event	Focus Flow	19 th Jun 2021	Mr. Santhosh Kumar Jayasudha BSK Charan Sai	Mrs. Mr.	70
IETE	Seminar	Webinar on “Design of Antennas using Simulation Tools”	18 th Dec 2020	Dr. Tanweer Ali, Senior Assistant Professor, Department of ECE, Manipal Institute of Technology, Manipal		77
	Seminar	Webinar on “Short range Wireless Communication”	14 th September 2020	Dr. G. SADASHIVAPPA, Controller of Examinations, Professor in E&TC Engineering, RV College of Engineering, Bengaluru		98
	Webinar	WEBINAR on “Cyber Security and Ethical Hacking”	11 th Jun 2021	Mr. Abhisek Mitra		80
ISTE	FDP	6 days	21 st	Dr. Babu		92

		Refresher Program on 5G and its implementation	Dec 2020 to 26th Dec 2020	<p>Professor ECE dept. National Institute of Technology Calicut</p> <p>Mr. S. Vijay Anand, Assistant Vice President – AltranTechnology</p> <p>Mr. KumarasamyDurairajan BITS Pilani</p> <p>Dr.RajarshiMahapatra</p> <p>Associate Professor & Dean (Academics) International Institute of Information Technology, Naya Raipur, Chhattisgarh</p> <p>Dr.Ambika</p> <p>Prof.& Head ECE Dept BMSIT Bangalore</p> <p>Dr. S. Ravi Shankar</p> <p>Prof. ECE dept. R V College of Engg. Bangalore</p> <p>Dr. Nagaraj G. S .Prof.Dept of CSE R V college of Engg. Bangalore</p> <p>Dr P N Sudha</p> <p>Prof.& Head ECE dept KSIT</p> <p>Dr Giribabu</p>	
				<p>Ms. SabithaGauni</p> <p>Associate Professor/ Dept. of ECE, SRMIST,</p>	

				<p>Prof. Chandrasekhar Shastry</p> <p>Dean,P.G.Studies, Jain University, Bangalore</p> <p>Mr. SasindranPrabhu Associate Professor ECE dept. KSSEM Bangalore</p> <p>Mrs. RohiniChakravarthy</p>	
	FDP	A 6 Days Refresher Program on Next Generation Wireless Communication : 5G and its Beyond	3rd to 8th May 2021	<p>Dr.G. Maheswaran, Principal, VSA Group of Institutions, Salem, TN . B. SathishBabu, Professor, R V College of Engineering, Bangalore Dr.Siddesh.G K, Associate Professor & HOD, ECE Dept., JSSATE Mr.PrateekHarsora, Faculty at Art of Living Bangalore Dr.RabidranathBera Sikkim Manipal University Sikkim Dr.Sangmesh, Assistant Professor & Incubation Manager, BMS Incubation Dr.P. B. Manoj, Associate professor, AMC Enggcollege, Bangalore Dr.R. Nagaraja, Professor, Research and PG coordinator, Bangalore Institute of Technology. Dr.R.Venkateswari, PSG College of Technology, Coimbatore Dr.RajeshreeRaut Govt. College of Engineering Nagpur Maharashtra Dr.SAPTARSHI CHAUDHURI Dr.ThippeSwamy G, Professor, BMSIT& M Dr.SridharIyer, R&D Coordinator, S.G. Balekundri Institute of Technology, BelagaviDr.P.N.Sudha , Prof & Head, ECE Department, KS.Institute of Technology, Bangalore</p>	98

				Dr . Nidhi M B Dr NAGARAJA G.S,	
				Professor and Associate Dean,	
				RV College of Engineering, Bangalore Mr. Rakshak Agrawal, System Architect, Nokia Networks. Dr.G.T.Raju, Principal,	
				SJCIT, Chikkabalapur. Dr.Mihir. N. Mohanty, Professor,	
	FDP	A 6 Days Refresher Program on FUTURE WIRELESS COMMUNICA TION: STANDARDS &TECHNOLO GIES	24th to 29th May 2021	ITER, Siksha 'O' Anusandhan, Odisha University. Dr.SiddalingappagoudaBiradar , Associate Professor, Dayananda Sagar Academy of Technology , Bangalore.Mr.Chengappa.M.R , Architect, W.W.Telco Solution Strategy R&D Labs Hewlett Packard Enterprise Mr.Mahadesha.V, Program Director, Centre for e- Governance, Government of Karnataka Dr.Rutvij.C.Joshi, A.D.Patel Institute of Technology ,Gujarat Mr.Chengappa.M.R , Architect, W.W.Telco Solution Strategy R&D Labs Hewlett Packard Enterprise : Ms. RamyaKovanur, ISHA Foundation .Michaelraj Kingston, Sri Eshwar College of Engineering, T.N Dr.Anil Kumar, State Project Administrator, SPIU-UP/ TEQUIP-III, Ministry of Education, Government of India Dr.Rekha.P.M, JSSATE, Bangalore.	100

Events conducted details for the Academic Year 2019-20

Orga niser	Type of the Event	Name of the Event	Date	Resource Person	No of Particip ants
IEEE KSIT SB	Social Event	Environmental Day	7th Jun, 2019.	KSIT IEEE STB	15
	Social Event	UTTUNGA 1	12th and 13th Jul, 2019	Government High School, Sarakki,JP Nagar	13
	FDP	Three Days FDP on OUTCOME BASED NBA	17th-19th Jul 2019	Dr. B V Ravishankar, Principal, BMSCE, Bengaluru	21
	Social Event	UTTUNGA 2	19th and 20th Jul, 2019	Government High School, Sarakki,JP Nagar	19
	Social Event	UTTUNGA 3	26th and 27th Jul, 2019	IEEE KSIT along with WIE affinity group and Health shotz conducted	23
	Social Event	UTTUNGA 4	3rd and 4th Aug 2019	IEEE KSIT along with WIE affinity group and Health shotz conducted	23
	Guest Lectur e	Social media Networking Impacts on College	25th Sep 2019	Dr.Hamsaveni, BHMS doctor,	168

		Students			
	Guest Lecture	Entrepreneur's life and career opportunity	27th Sep 2019	Mr.Gurusharan	78
	Social Event	INNOVACEEE A 3.0	30th Sep 2019	Dr.K.V.ABalaji CEO, K.S. Group of Institutions	459
	Workshop	APP Development Programme	28th - 29th Sep 2019	V sem CSE Students	18
	Social Event	IEEE Day Celebrations	01 st Oct 2019	Abhishek AppajiIEEE,BMSCE,Bengaluru	111
	IEDC	IDEATHON Contest	1st Oct 2019	Dr. Joy Phabhakaran, Dr. Ram P Rustagi, Key resource persons, KSIT.	44
	Workshop	MINI PROJECT EXHIBITION	1st Oct 2019	Dr.Sasindhran M Prabhu	84
	Industrial visit	Industrial Visit to iCAT Media & Design	3rd Oct 2019	iCAT Media & Design for 7th Sem Students	115
	Technical talk	Technical Talk on Evolution of NANO Satellites	14th Oct 2019	Prof. K. Krishnaswamy , Project Director, NIU SAT	138
	Industrial visit	NAL Industrial Visit	31st Oct 2019	Mr. Somanarayanof NAL-CSIR	120

	Guest lecture	Guest Lecture on Advances in Electronics and Communication	8th Nov 2019	Dr.Gayathri K.M	99
	FDP	Five-day Academic Development Program	27th Jan-31st Jan 2020	Many speakers from Industry	65
	Technical talk	TECH TALK 5G COMMUNICATIONS	30th Jan, 2020.	Mr. Manivannan Aru, Managing Director, Kirusa India Pvt Ltd,	46 IEEE students
	Technical talk	“ML and it’s applications”	31st Jan, 2020	Mr. Subramanian C, of Intel crop.	30 IEEE students
	Social Event	International Womens Day Celebration	9th Mar 2020	Mrs.KumudhiniRavindra, the vice-chair of WIE IEEE Bangalore section,	155
	Social Event	ONLINE QUIZ ON THE NOVEL CORONAVIRUS	23rd Mar, 2020	IEEE STB Execom Members	91
	Social Event	Virtual Inauguration of IEEE KSIT Signal Processing Society Student Branch Chapter and a webinar on Carl Fredreich Gauss and signal Processing	30th April 2020	Prof. K.V.S. Hari , Member, Board of Governors, IEEE Signal Processing Society as Vice President	37
	Social Event	EVENT: CODE /n WIN 1.0	4th May 2020	IEEE ExecomMemebers STB	288

	Workshop	WORKSHOP ON ADOBE ILLUSTRATOR AND ADOBE XD	19th & 20th April, 2020	KetanKeshav	42
	IEDC	WEBINAR ON HOW TO LAUNCH YOUR OWN STARTUP	21st Jun, 2020	Mr.Raghav Naidu G is the CEO of G-MART and co-founder of Health Shotz	25
	Workshop	INTRODUCTION TO MATLAB AND SIMULINK PRODUCTS	22nd & 23rd Jun, 2020	CoreEL Technologies	32
IETE	Workshop	A 2 days workshop on Image & Video Processing using Raspberry Pi	1st-2nd October 2019	Mr. Sagar HB, Application Engineer, Telos Technologies. Mr.Mahesh.B.S, Application Engineer, RS Components, Bangalore	46
	Workshop	One-day workshop on "Robotics"	30th Sep 2019	Avian Aerospace, Bangalore	28
	Guest Lecture	Microwave Antennas :Advances and Applications	31st Aug 2019	Dr.ChaitanyaKumarM.V, Principal PESIT&M. Shimoga	97
	Social Event	"Side Effects Of Mobile Phone And Wireless Radiations"	10th-16th August 2019	The Garut Aero modeling Club	115

ISTE	Student Convention	16th Karnataka State Level Student Convention	22nd Feb 2020	Mr.Tejasvi Surya Member of Parliament Bengaluru South, Guest of honour Dr.D.S.Suresh, Chairman,ISTE Karnataka Dr.C.K.Subbaraya, past Chairman,ISTE Karnataka Prof.Nijananda Reddy, Secretary cum Treasurer,ISTE Karnataka.	341
	Guest Lecture	Guest Lecture on Advances in Electronics and Communication Engineering	8th Nov 2019	Dr.Gayathri K.M	99
	Technical talk	Technical Talk on Evolution of NANO Satellites	14th Oct 2019	Prof. K. Krishnaswamy , Project Director, NIU SAT	138
	Industrial visit	Visit to iCAT Media & Design	3rd Oct 2019	iCAT Media & Design for 7th Sem Students	115
IEI	Technical Talk	Evolution of NANO Satellites	14th Oct 2019	Prof. K. Krishnaswamy , Project Director, NIU SAT	138
	Guest Lecture	Advances in Electronics and Communication Engineering	8th Nov 2019	Dr.Gayathri K.M	99
GARUT Club	Social Event	"Side Effects Of Mobile Phone And Wireless Radiations"	10th-16th August 2019	The Garut Aero modeling Club and The IETE Students Forum (ISF)	115

	Workshop	One-day workshop on "Robotics"	30th Sep 2019	Avian Aerospace, Bangalore	28
Satellite Club-Antariksh	Seminar	New Space Era of Satellites and Systems Engineering	15 th May 2020	Padmashree Prof. R.M Vasagam	43

Events Conducted details for the academic year 2018-2019

Professional societies/chapters	Type of the event	Name of the event	date	Resource person	No. Of participants
IEEE KSIT STB	Technical Talk	International Girls in ICT Day	25th April 2019	Dr.Kamal Deep Peter,Hemant Bansal, DeepaliPandey,Kiran Kumar Tippani,Moumita Das from Oracle Team	100
	Industrial Visit	Industrial visit to NAL-CSIR	22nd Mar 2019	NAL Bengaluru	50
	Industrial Visit	Industrial Visit to NAL(6th Sem)	7th Mar 2019	NAL Bengaluru	100
	FDP	FDP on Aspects of Effective programming and research	16th-18th Jan 2019	Dr Joy Prabhakaran Dr Ram Rastogi	25
	Workshop	Inter-Collegiate Mini Project Exhibition	3rd Oct 2018	Dr. M J Shanti Prasad	43

	Workshop	Programming and logical skills	21st Aug 2018 to 19th Sep 2018	Dr. Joy Prabhakaran	100
	Social Event	International Womens Day Celebration	8th Mar 2019	Mrs.C. SaraswathiNagarajan System Engineering Consultant, UG AcademyMs. Purnima Nambiar Founder & CEO of Trimtab Intervention	100
	Social Event	5K Marathon	1st Mar 2019	D.Rukmanda ,Honourable Treasurer KS Groups	200
	Social Event	Dental health awareness and free screening camp	3rd Nov 2018	Parth Dental Clinic	200
	Social Event	AASARE- Visit to old age home	11th Oct 2018	Jeevan Sandhya Ashram, Bangalore	20
	Social Event	Inter Collegiate Poster Presentation (women as leader,Innovator)	3rd Oct 2018	Dr. FathimaJabeen	50
	Social Event	IEEE day celebration	3rd Oct 2018	Ms. Divya M G	30
	Social Event	Student Branch Meeting	22nd Sep 2018	KSIT IEEE STB	30
	Social Event	Execom meeting	1st Sep 2018	KSIT IEEE STB	20
	Social Event	AASARE fund raising	Jul 2018	Fund Raising For Floods in Coorg and Kerala	100

		for flood effected			
	Social Event	Happiness Program for faculties of KSIT	23-Jul-18 to 28-Jul-18	Vijayayshri and Vanishri ,ART of Living,Bengaluru	22
	Social Event	Humanitarian Event	22nd Jul 2018	Karnataka AnathaMakkalaAbhivrudhiSamasthe"BSK 3 stage ,Bengaluru	30
IETE	Industrial Visit	Industrial visit to NAL-CSIR	22nd Mar 2019	NAL Bengaluru	50
	Workshop	Two Days Workshop on Matlab Signal Processing Applications	19th-20th Nov 2018	Mr. Pramod Kumar Naik, Senior Application Engineer , CoreEL Technologies, Bangalore,	100
	Guest Lecture	Guest Lecture on Machine learning and deep learning applications	5th Oct 2018	Mr. Pramod Kumar Naik, Senior Application Engineer , CoreEL Technologies, Bangalore,	100
ISTE	Industrial Visit	Industrial visit to NAL-CSIR	22nd Mar 2019	NAL Bengaluru	50
	Technical Talk	Technical Talk on Microwave Amplifiers and Its Research	2nd Nov 2018	Dr.B.T.VenkateshMurthy,AssistantProfessor,ECEDept,SITTU mkur	120

		Issues			
	Industrial Visit	Industrial visit to NAL	26th Sep 2018	Mr. A Somanarayanan	60
GARUTC Club	Workshop	Quadcopter Workshop	01st & 02nd Sep 18	Mr. Shankarsan, resource person from Skyfi Labs	50

Seminars, Workshops, Symposiums and Project Exhibitions:

- Every department conducts Project Exhibition annually.
- Experts from Industry and Academia are called to evaluate our student's projects. Best 3 projects of each department are awarded with certificates.
- Best 3 projects of each department are awarded with certificates.
- Every department organizes Seminars & Workshops to facilitate students to upgrade their knowledge.

Industrial Visits:

It's a practice followed across the departments to organize at least one Industrial visit per semester.

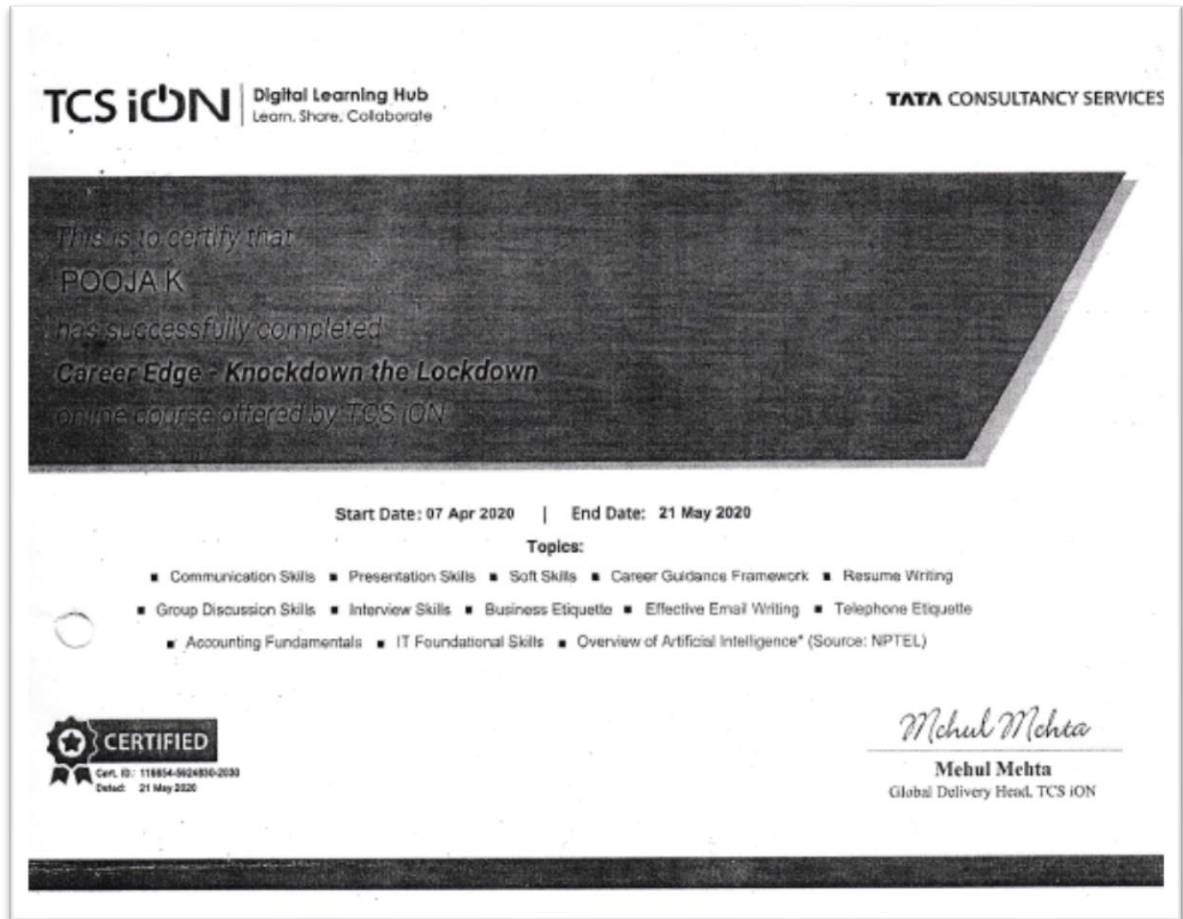
Online Course Details:

K.S.INSTITUTE OF TECHNOLOGY				
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.				
List of courses carried out by students in the academic year 2019-20				
Sl.No.	Name of the Student	Course Completed	Platform	Date
1	Pooja K	Career Edge -Knockdown the lockdown	Tata consultancy services	07/04/2020 to 21/05/2020
2	Bhoomika PM	Python Foundation	APPONIX	10-Apr-20
3	Neha N V	ArcGIS Pro Basics	esri	1-Apr-20
4	Neha N V	ArcGIS online Basics	esri	31/3/2020
5	Neha N V	Getting started with GIS	esri	31/3/2020
6	Neha N V	Getting started with Data management	esri	4-Apr-20
7	Neha N V	Career Edge -Knockdown the lockdown	Tata consultancy services	17-May-20
8	Rashmi S	Digital Transformation with robotic process automation	Mindmap	8-May-20
9	Rashmi S	Career Edge -Knockdown the lockdown	Tata consultancy services	19-May-20
10	Rashmi S	Arduino Programming and Labs	Udemy	19-Mar-20
11	Rashmi S	Future trend & Opportunities in Electronics Industry	Sandip Foundation	24-May-20
12	Sahana V	Web Penetration Testing	Tequed labs	11-05-2020 to 17-05-20
13	Apeksh ravi kumar	Workshop on the future of Foods:Emerging Agri Technologies	Indian Technology Congress	04-09-2019 to 05-09-2019
14	Sahana M K	C++ Language workshop	MYCAPTAIN	1-Feb-20
15	Sahana M k	C language workshop	MYCAPTAIN	1-Jan-20
16	Chethan G	Build your professional Brand	Grow with Google	14-May-20
17	Chethan G	Build your professional Network	Grow with Google	12-Apr-20
18	Chethan G	Create a Study Schedule to meet your goals	Grow with Google	2-Apr-20
19	Rahul R Nadig	Build a Machine Learning Web App with Streamlit and Python	Coursera	19-May-20
20	Rahul R Nadig	The python Mega Course:Build 10 Real World Applications	udemy	9-Feb-20
21	Rahul R Nadig	Machine learning,Data science and deep learning with Python	Udemy	14-May-20
22	Yashashwini R	Learn Java swing basics	Udemy	23-Sep-19
23	ritu patil	workshop on Python	tech Fortune	11-Aug-19

List of courses carried out by students in the academic year 2019-20

Sl.No.	Name of the Student	Course Completed	Platform	Date
24	Parikshith	programming essentials in python	Python Institute	1-Apr-20
25	Dinesh kumar Nayak	Webinar on Space development & systems engineering	TSC	15-May-20
26	Monisha B R	COVID -19	COURSERA	19-May-20
27	P Sai Govardhan	COVID -19	Coursera	20-May-20
28	Monisha B R	Create your first Python Program	Coursera	20-May-20
29	Parikshith S	Cisco NetAcad ISTE National Level COADTHON-2020	CISCO	2019-2020
30	Parikshith S	Create your first Python Program	Coursera	20-May-20
31	P Sai Govardhan	Create your first Python Program	Coursera	20-May-20
32	Suraj V Ghorpade	Workshop on the future of Foods:Emerging Agri Technologies	Indian Technology Congress	04-09-2019 to 05-09-2019
33	Suraj V Ghorpade	Workshop on IntroArduino-2020	Inversa Technosoft	28-08-2020 to 29-08-2020
34	Suraj V Ghorpade	Blockchain technology and its applications	tequed labs	26-Apr-20
35	Suraj V Ghorpade	Workshop on Data science	Coding Blocks	24-May-20
36	S Tushar Harinath	Create your first Python Program	Coursera	28-May-20
37	S Tushar Harinath	Computer Vision- Image Basics with openCV and Python	Coursera	31-May-20
38	S Tushar Harinath	Project: Creating Your First C++ Application	Coursera	31-May-20
39	S Tushar Harinath	Wireless Communications for everybody	Coursera	1-Jun-20
40	S Tushar Harinath	AI for everyone	Coursera	2-Jun-20
41	Raghavendra K P	Programming for everybody	Coursera	10-Jun-20
42	Suraj V Ghorpade	Wireless Communications for everybody	Coursera	3-Jun-20
43	Suraj V Ghorpade	workshop on Python	AZLearnotech	2019-2020
44	Raghavendra K P	Wireless Communications for everybody	Coursera	3-Jun-20
45	Vrindha Sham Bhatt	workshop on Data Science	Coding Blocks	24/5/2020
46	Vrindha Sham Bhatt	Deep learning and computer vision	Udemy	25-May-20
47	Vrindha Sham Bhatt	Internet of things and machine learning	Bolt	21-May-20
48	Vrindha Sham Bhatt	Blockchain technology and its applications	Tequed labs	20-04-2020 to 25-04-2020
49	Sushma A	Frontend Fundamentals	Purple.com	27-May-20
50	Suraj V Ghorpade	Workshop on web development	MYCAPTAIN	1-May-20

P
31/5/2021



Utilization and its effectiveness:

The overall aim of this review is to evaluate the effectiveness of self-directed learning on the professional development of students.

- Students have expressed satisfaction in the self learning content that is encouraged.
- Students have also expressed that self learning has helped them in discovering their aptitude and liking for specific areas in their domain. This has helped them to select their electives.
- Self learning enable the students to research for material that is available for referencing and also comparison and emulate the best reference found.
- Self learning promotes self development and gives the student the confidence to find any material that is required for any purpose from the open domain of resources available.
- Self learning promotes self confidence and encourages the students to appear for competitive examinations and perform better in recruitment drives.
- Self learning has enabled students to participate in National level events like Hackathon, Boeing Aero-Modeling Competition, Project Exhibitions etc.

- Students are able to improve their academic grades.

9.5 Career Guidance, Training, Placement

Total Marks: 10
Institute Marks: 10

A. Availability of Career Guidance Facilities

KSIT offers the Integrated and Sustained Skill Development across 8 semesters for the Engineering students.

The objectives of the Integrated and Sustained Skill Development across 8 semesters for the Engineering students of KSIT are to ensure the all-round development of the students to make them industry-ready during the course of their B.E. program.

- To make students industry ready.
- To help the recruiting partners hire our students and start their careers on a sound footing.
- To ensure that each student receives intensive training in each year based on the inputs from the recruiting companies and training partners of the institution.

CONFERENCE HALL



GROUP DISCUSSION ROOM



INTERVIEW ROOM



ONLINE LAB



SEMINAR HALL





Training Details

S.No		Sem		Name of Modules		No of Hours	No of Days					
1	5th	Personality development Modules with complete description	1. Youth development leadership skills	12 Hours	5 Days							
			2. Problem Solving									
			3. Creative thinking									
			4. Decision Making									
			5. Negotiation skills									
		Verbal aptitude modules with complete description	1. Sentence Correction	6 Hours								
			2. One word Substitutes									
			3. Vocabulary Building									
		Quantitative Aptitude Modules with complete description	1. Time and Work	6 Hours								
			2. Pipes and Cisterns									
			3. Mixtures and Alligations									
		Logical reasoning modules with complete description	1. Coding and Decoding	6 Hours								
			2. Blood Relations									
				Total				30 Days	5 Days			
		S.No		Sem				Name of Modules		No of Hours	No of Days	
		4	7th	Company Specific modules with complete description				1. Group Discussion	8 Hours	5 Days		
2. Interview Skills												
3. Email writing												
4. Resume writing												
Logical reasoning modules with complete description	1. Statements and conclusions			8 Hours								
	2. Analytical Puzzles											
	3. Data Sufficiency											
	4. Cubes											
	5. Venn diagrams											
Quantitative aptitude modules with complete description	1. Simple Interest and Compound Interest			7 Hours								
	2. Time, Speed and Distance											
	3. HCF and LCM											
	4. Menstruation											
	5. Number Systems											

		Verbal aptitude modules with complete description	1. Reading Comprehension	7 Hours	
			2. Closet Test		
			3. Synonyms and Antonyms		
			4. Active Voice Passive Voice		
5	7th	Company Specific Training	Infosys	18 Hours	3 Days
			TCS	18 Hours	3 Days
			NTT DATA	12 Hours	2 Days
Total				78 Hours	13 Days


Head of the Department
Placement Division
K.S.I.T., Bangalore

Placed Details of Academic Year 2020-21

 KAMMAVARI SANGHAM (R) - 1952 K S GROUP OF INSTITUTIONS K. S. INSTITUTE OF TECHNOLOGY #14, Raghuvanahalli, Kanakapura Main Road, Bangalore - 560062 Tel : 080 - 28435722 / 24 Web : www.ksit.ac.in 							
PLACED LIST OF 2021 BATCH							
S.No	NO OF ELIGIBLE STUDENTS	81	89	26	71	267	Salary Package
	NAME OF COMPANIES	CS	EC	ET	MECH	TOTAL	
1	INFOSYS	11	12	3	5	31	3.60 LPA
2	NTT DATA	22	11	NA	NA	33	3.25 LPA
3	TCS Ninja	14	11	4	1	30	3.96 LPA
4	ACCENTURE	19	7	2	1	29	4.50 LPA
5	AVAALI SOLUTION	8	6	4	NA	18	3.00 LPA
6	KPMG	11	6	NA	NA	17	5.00 LPA
7	GARUDA AEROSPACE	NA	3	1	9	13	1.80 LPA
8	JARO EDUCATION	2	6	2	2	12	6.60 LPA
9	CAPGEMINI	5	1	3	NA	9	3.80 LPA
10	FIS	6	NA	NA	NA	6	5.00 LPA
11	WIPRO	5	1	0	NA	6	3.50 LPA
12	MIND TREE	4	1	1	NA	6	4.00 LPA
13	QUINNOX	4	NA	NA	NA	4	3.50 LPA
14	SUBSCRIBET	4	0	0	NA	4	4.00 LPA
15	VERZEO	1	3	NA	NA	4	3.00 LPA
16	TECHNOLOGICS	1	1	0	1	3	2.14 L:PA
17	DEVTOOLS	1	0	0	1	2	3.00 LPA
18	UNIPHORE	2	0	0	NA	2	4.50 LPA
19	INTEGRA CONNECT	2	0	NA	NA	2	7.50 LPA
20	INTELLIPAAT	0	1	0	0	2	3.84 LPA
21	HASHEDIN TECHNOLOGIES	1	0	0	NA	1	8.00 LPA
22	CRMIT SOLUTIONS	1	NA	NA	NA	1	5.00 LPA
23	LIDO	2	0	0	0	2	7.00 LPA
24	EMBTECH INNOVA	NA	0	1	NA	1	3.00 LPA
25	PEOL TECHNOLOGIES	1	NA	NA	NA	1	3.50 LPA
26	APISERO INC	1	0	0	NA	1	5.10 LPA
27	VIRTUSA	1	NA	NA	NA	1	4.00 LPA
28	IBM	1	0	0	NA	1	7.25 LPA
29	DESK NINE	1	NA	NA	NA	1	3.00 LPA
30	RUDDER ANALYTICS	0	0	1	NA	1	4.00 LPA

31	UFABER	0	1	0	NA	1	5.00 LPA
32	MOOLYA SOFTWARE TESTING PVT LTD	0	1	NA	NA	1	3.00 LPA
33	IBM	1	0	0	NA	1	4.25 LPA
34	MICROCHIP	1	NA	NA	NA	1	6.00 LPA
35	TCS Digital	0	0	0	0	0	7.00 LPA
36	SAP LABS	0	NA	NA	NA	0	3.00 LPA
37	JUSPAY	0	0	0	0	0	8.00 LPA
38	KALGUDI	4 S	0	0	0	4 S	5.00 LPA
39	SONATA SOFTWARE	3	4	2	NA	9	3.50 LPA
40	PLANET SPARK	10 S	5 S	1 S	6 S	22 S	6.50 LPA
41	GOLDMAN SACHS	RA	RA	RA	RA	RA	
42	MAVENTIC	RA	RA	RA	RA	RA	4.50 LPA
43	MCAFEE	RA	NA	NA	NA	NA	9.00 LPA
44	PUMA	RA	RA	RA	RA	RA	2.64 LPA
45	LEMNISK	RA	RA	RA	NA	RA	3.00 LPA
46	L & T TECHNOLOGY	RA	RA	RA	NA	RA	4.00 LPA
47	HIGH SPEAK SOFTWARE	RA	RA	RA	NA	RA	3.20 LPA
48	CODE YOUNG	NA	NA	NA	RA	RA	7.00 LPA
49	ANORA SEMI CONDUCTOR LAB	RA	RA	RA	NA	RA	5.50 LPA
50	EXCEL CRAFT	NA	NA	NA	RA	RA	3.00 LPA
51	IT WEB WORLD	NA	1	NA	RA	1	2.50 LPA
52	CERNER	2	NA	NA	NA	2	5.78 LPA
53	BRILLIO	3	NA	NA	NA	3	4.50 LPA
54	CELSTREAM	1	NA	NA	NA	1	4.00 LPA
55	DELL	2	NA	NA	NA	2	7.00 LPA
56	COGNIZANT	3	4	2	NA	9	4.00 LPA
57	GRASSROOTS	0	1	1	2	4	3.00 LPA
58	HUAWEI	1	0	0	0	1	3.50 LPA
GRAND TOTAL		148	82	27	22	280	


*Note: Placement is under progress

"S" - S is for Shortlisted Candidates



NA	Not Applicable
RA	Result Awaited
BOP	Based on Performance

Placed Details of Academic Year 2019-20

 KAMMAVARI SANGHAM (R) - 1952 K S GROUP OF INSTITUTIONS K. S. INSTITUTE OF TECHNOLOGY <small>#14, Raghuvanahalli, Kanakapura Main Road, Bangalore - 560062 Tel : 080 - 28435722 / 24 Web : www.ksit.ac.in</small> 							
PLACED STUDENTS LIST OF 2020 BATCH							
S.NO.	No of ELIGIBLE STUDENTS	62	54	24	51	191	Salary Package
	NAME OF COMPANIES	CS	EC	TC	MECH	TOTAL	
1	TCS NINJA	21	9	0	5	35	3.60 LPA
2	TCS Digital	1	0	0	0	1	7.00 LPA
3	HUDL	13	9	4	24	50	3.00 LPA
4	Infosys	21	11	4	8	44	3.60 LPA
5	Infosys (Tq Certification)	1	0	0	0	1	5.00 LPA
6	NTT DATA	11	15	NA	NA	26	3.25 LPA
7	Advent Global Solutions	0	2	4	1	7	2.80 LPA
8	[24]*7.ai	1	1	0	3	5	2.69 LPA
9	Cognizant	1	0	2	1	4	4.00 LPA
10	Youngman India	NA	NA	NA	4	4	2.64 LPA
11	QSPIDERS	0	1	3	NA	4	3.00 LPA To 4.00 LPA
12	ABC TECHNOLOGY	3	1	0	NA	4	3.00 LPA
13	DXC Technology	0	2	1	NA	3	3.14 LPA
14	Mphasis	2	0	NA	NA	2	3.25 LPA
15	Wipro	0	0	2	NA	2	3.5 LPA
16	MORLING GLOBAL	1	0	1	NA	2	2.70 LPA
17	All Blue Solutions	0	1	0	NA	1	4.00 LPA
18	ANORA LABS	NA	1	0	NA	1	3.85 LPA
19	CGI	0	0	1	NA	1	3.39 LPA
20	CLOUDTHING	1	0	NA	NA	1	3.75 LPA
21	Covalense Digital Solutions Private Limited	1	0	0	NA	1	3.00 LPA
22	DELHIVERY	1	0	0	NA	1	3.00 LPA
23	TATA ELXSI	0	1	0	NA	1	3.50 LPA
24	VERZEO	0	0	1	NA	1	3.00 LPA
25	JARO Education	0	0	0	1	1	12.00 LPA
26	M/S SMART BRAINS	0	0	1	NA	1	2.46 LPA
27	QUINNOX	1	0	NA	NA	1	3.00 LPA
28	SAP Labs	1	NA	NA	NA	1	3.00 LPA
GRAND TOTAL		81	54	24	47	206	



 Head of the Department
 Placement Division
 K.S.I.T., Bangalore

Placed Details of Academic Year 2018-19

 KAMMAVARI SANGHAM (R) - 1952 K S GROUP OF INSTITUTIONS K. S. INSTITUTE OF TECHNOLOGY <small>#14, Raghuvanahalli, Kanakapura Main Road, Bangalore - 560062. Tel : 080 - 28435722 / 24 Web : www.ksit.ac.in</small> 						
LIST OF STUDENTS PLACED IN THE ACADEMIC YEAR 2018-19						
SL NO	NAME OF COMPANIES	CS	EC	TC	MECH	TOTAL
1	SAP LABS	1	0	NA	NA	1
2	TCS	6	7	0	4	17
3	MU-SIGMA	4	0	0	1	5
4	INFOSYS	12	8	2	6	28
5	MPHASIS	0	0	1	NA	1
6	VTIGER	3	NA	NA	NA	3
7	ADVENT GLOBAL SOLUTIONS	3	0	0	0	3
8	Q-SPIDERS	1	2	0	0	3
9	L & T INFOTECH	8	6	2	NA	16
10	NTT DATA	4	14	NA	NA	18
11	WIPRO	1	4	3	RA	8
12	MIND TREE	1	0	0	0	1
13	6D TECHNOLOGY	0	1	0	0	1
14	DOT BALL	0	0	0	1	1
15	COGNIZANT	4	1	2	0	7
16	AGILE POINT	3	NA	NA	NA	3
17	ABC TECHNOLOGY	0	0	2	NA	2
18	ALL BLUE SOLUTIONS	2	1	1	NA	4
19	PATHFRONT	5	2	2	0	9
20	CAPGEMINI	0	0	1	NA	1
21	SYNTEL	1	NA	NA	NA	1
22	SHRIRAM	0	0	0	1	1
23	AMAZON	0	0	1	0	1
24	RAZORPAY	0	0	0	1	1
25	QUINNOX	1	0	0	0	1
26	TECH MAHINDRA	0	2	0	0	2
GRAND TOTAL		60	48	17	14	139


 Head of the Department
 Placement Division
 K.S.I.T., Bangalore

Offer letters



appropriate compensation decided by the evaluation during the training period. You will be eligible for all employee benefits at this juncture including leave benefits.

Notwithstanding the above, Anora Labs reserves the right to terminate your services without notice on disciplinary grounds or for serious misconduct outlined in the employee handbook.

Government Laws

This agreement shall be governed and construed in accordance with the judicial jurisdiction of Tamilnadu, in Chennai, India. If this offer meets with your approval, please sign, and return the enclosed acceptance sheet by October 14th, 2021.

We anticipate that the training will commence from October 18th, 2021 which will be the joining date for all Trainees.

Compensation and Benefits

You will be compensated during the training period with an equivalent salary with CTC off ₹450,000 per annum. Post Training, you will be absorbed into the company with Annual salary with CTC anywhere in the range of ₹450,000 per annum to ₹550,000 per annum which includes the base salary, allowances and the annual components. See the attached spreadsheet annexure showing the breakdown of compensation for the ranges.

You will be on probation for one year from joining date into the company.

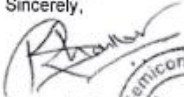

Additional Conditions

By signing this letter, you confirm the following to Anora Labs:

- 1) You have no contractual commitments or other legal obligations that would prohibit you from performing your duties to Anora Labs during the training period and post your absorption into the company as an employee.
- 2) You will not drop off during the training period, citing any reason and if you still do so, you will be bound by the agreement that you have signed, and the company will start legal proceedings against you.

This letter supersedes all previous communications, representations, understandings and agreements, either oral or written between you and Anora Labs or any official or representative thereof.

Sincerely,



Pasupuleti Ravishanker
Director

Anora Semiconductor Labs Private Limited
CIN: U72100TN2011PTC078711
www.anoralabs.com
E Mail: admin_blr@anoralabs.com

Registered Office:
No. 31/14, Krishnaswamy Avenue
Luz, Mylapore
Chennai - 600004
Tamilnadu
India

[24]7

Dear *Bharath R.*

Sub: **Conditional Offer of Employment**

Congratulations!

You have been shortlisted to join 24/7 Customer Private limited, a company that has been rated amongst the "Top 5 best performing Contact Center in the World" consistently for 3 years in a row.

We are pleased to offer you the position of "Advisor" in 24/7 Customer. The following are the terms of employment with 24/7 Customer.

1. Your initial annual Cost to Company will be Rs 2.19,55,000/yr This will be applicable after your training period.
2. You will be required to work in shifts, with rotating weekly offs.
3. We will provide you a separate Letter of Appointment on the date of your joining.
4. You will report for the joining and orientation at our office as per the communication received from the HR team.
5. Upon joining, you will be provided with Foundation Level Education ("FLE") and Product Level Education ("PLE"). Once you successfully complete your FLE, the Company will pay your monthly compensation retrospectively from the date of joining the Company. It is hereby clarified that your entitlement of your monthly compensation (retrospectively from the date you joined the Company) would depend on the outcome of your FLE results.
6. During the training period you will be entitled only two weekly offs. However, in case you require leave during training period on account of any medical emergency, you may request your trainer who shall consider such requests on a case to case basis.
7. In the event of permitted absence exceeding two continuous days, you will be required to restart the training program with the next batch. Please note in such a case your employment will commence from the date you start training in the next batch and your stipend/salary eligibility if qualified will commence accordingly.
8. You are requested to bring along the documents listed below **WITHOUT FAIL** on your day of joining June 2020 for the purpose of submission/verification:
 - Five passport size color photographs (important)
 - Date of Birth proof certificate (Original and Photocopy)
 - Aadhaar Card (Original and Photocopy)
 - Graduation mark sheets till last semester including final semester admit card (Original and photocopy)
 - High school and secondary school pass out mark sheets/certificates (Original and Photocopy)
 - Previous Employment details if any (Service Certificate/ Relieving Letter if applicable in original)
 - Last drawn Pay slip (if applicable in original)
 - Passport No. / Driver's license No. / Bank Account No. (Original and Photocopy)

NOTE: ORIGINAL DOCUMENTS WILL BE RETURNED TO THE EMPLOYEE IMMEDIATELY AFTER BEING VERIFIED AGAINST THE COPIES WHICH SHALL BE ATTESTED.

If you have any queries pertaining to this offer letter please call us at +91 9972927247.

Please sign this Offer in the place allotted for the same as your acknowledgement to join the company on the communicated date failing which this offer will automatically expire and deemed to have been withdrawn.

Once again wishing you the very best and looking forward to your successful career at 24/7 Customer.

With Best Wishes,

Susmita Malik
Susmita Malik
Vice President HR

I accept your offer.
Signature of the candidate



ECE

1815E003

1815E003

Offer: Computer Consultancy
Ref: TCSL/DT20184571772/Bangalore
Date: 09/10/2018

Ms. Akshatha Shenoy U
#4141, Venkatesha Nilaya, 2nd Floor 3rd Main, 9th Cross,
Subramanyanagar, Near Balaji Samudhaya Bhavan,
Bangalore-560021,
Karnataka.
Tel# -9844399745

Dear Akshatha Shenoy U,

Sub: Letter of Offer

Thank you for exploring career opportunities with TATA Consultancy Services Limited (TCSL). You have successfully completed our initial selection process and we are pleased to make you an offer.

This offer is based on your profile and performance in the selection process. You have been selected for the position of **Assistant System Engineer-Trainee** in Grade Y. You will be assigned a role in the **IT Infrastructure Services (ITIS)** Unit, which is subject to change as per the business requirements of TCSL.

Your gross salary including all benefits will be **₹3,36,875/-** per annum, as per the terms and conditions set out herein. Annexure-1 provides the break-up of the compensation package.

Kindly confirm your acceptance of this offer online through the option 'Accept Offer letter'. If not accepted within 48 hours, it will be construed that you are not interested in this employment and this offer will be automatically withdrawn.

After you accept this offer you will be issued a joining letter indicating the details of your joining date and initial place of posting. You will also be issued a letter of appointment at the time of your joining after completing joining formalities as per company policy. Your offer is subject to a positive background check.

TCS Confidential
TCSL/DT20184571772

TATA CONSULTANCY SERVICES

VYDEHI RC-1 BLOCK, 82, EPIP, Whitefield, Bangalore 560 066 India
Tel: 91 80 6724 7000 Fax: 91 80 2841 0114 Website: www.tcs.com
Registered Office Nirmal Building, 9th Floor, Nariman Point, Mumbai 400 021
TCS Careers Serviceline: 1800 209 3111 Email: careers@tcs.com

1

B. Counseling for higher studies (GATE/GRE, GMAT, etc.)

The library have a separate rack in the reference section that contains the following books.

LIBRARY AND INFORMATION CENTRE			
BOOKS AVAILABLE TO PREPARE FOR HIGHER STUDIES			
SL No.	Acc. No	Title	Author and Publisher
1	19608	GATE Electronics and Communications Engineering 2020	Trishna Knowledge Systems
2	19607	Gate Mechanical Engineering 2020	Trishna Knowledge Systems
3	19281	Gate-2018 and ESE-2018 Preliminary Examination	Made Easy Publications
4	19263	Gate-2018 Instrumentation Engineering	Made Easy Publications
5	19262	Gate-2018 Computer Science and Information Technology	Made Easy Publications
6	19261	Gate-2018 Civil Engineering	Made Easy Publications
7	19260	Gate-2018 Mechanical Engineering	Made Easy Publications
8	19259	Gate-2018 Electrical Engineering	Made Easy Publications
9	19258	Gate-2018 Electronics Engineering	Made Easy Publications
10	18530	GATE: Electronics and Communication :Electromagnetics	Kanodia R.K Ashish Murolia
11	18529	GATE Electronics and Communication: Control Systems Volume-8	Kanodia R.K and Ashish Murolia
12	18528	GATE:Electronics and Communication : Analog Circuits Volume -5	Kanodia R.K And Ashish Murolia
13	18527	GATE Electronics and Communication Volume-3	Kanodia R.K and Ashish Murolia
14	18526	GATE Electronics and	Kanodia R.K and Ashish Murolia

		Communication Volume-2	
15	18525	GATE Electronics and Communication : Signals and Systems Volume-7	Kanodia R.K and Ashish Murolia
16	18524	GATE Electronics and Communication Volume-1	Kanodia R. K Ashish Murolia
17	18523	GATE Electronics and Communication System Volume-9, 7th Ed	Kanodia R.K & Ashish Murolia
18	18522	Gate Mentor 2015 Electrical Engineering	Naveen Babu G and Sandeep Joshi
19	18521	Gate Mentor 2015	Sandeep Joshi
20	18520	Gate Mentor 2015 Civil Engineering	Anbu kumar S
21	18105	GATE: Electronics and Communication Engineering -2015	Gupta J.B
22	15935	Gate 2011: Electronics and Communication Engineering	G.K. Publishers
23	15934	Gate 2011: Electronics and Communication Engineering	G.K. Publishers
24	15933	Gate 2011: Mechanical Engineering	G.K. Publishers
25	15932	Gate 2011: Mechanical Engineering	G.K. Publishers
26	15931	Gate 2011: Mechanical Engineering	G.K. Publishers
27	15930	Gate 2011: Mechanical Engineering	G.K. Publishers
28	15929	Gate 2011: Mechanical Engineering	G.K. Publishers
29	15911	Gate 2011: Computer Science and Information Science	G.K. Publishers
30	15910	Gate 2011: Computer Science and Information Science	G.K. Publishers

31	15909	Gate 2011: Computer Science and Information Science	G.K. Publishers
32	15595	Gate 2011: Computer Science and Information Science	G.K. Publishers
33	15594	Gate 2011: Electronics and Communication Engineering	G.K. Publishers
34	15593	Gate 2011: Mechanical Engineering	G.K. Publishers
35	13188	Gate2007 Question Papers	Indian Institute of Science, Bangalore
36	11374	Gate 2006 Question Paper	Indian Institute of Science, Bangalore
37	11045	Gate 2005 Question Papers	Indian Institute of Science, Bangalore
38	8978	The Best Test Preparation for GATE for Computer Science - 2005	Mittal, Rakesh Ed By
39	8975	The Best Test Preparation for GATE for Electronics & Communication Engineering -2005	Mittal, Rakesh Ed By
40	7722	GATE 2004	Indian Institute of Science, Bangalore
41	6372	Gate Question Papers 2003	Indian Institute of Science, Bangalore
42	6371	Gate Question Papers 2003	Indian Institute of Science, Bangalore
43	5654	Electronics & Communications Engineering GATE 2000 set -2	Brilliant Tutorials
44	5653	Electronics & Communications Engineering GATE 2000 set -2	Brilliant Tutorials
45	5652	Electronics & Communication Engineering GATE 2000 Set- 1	Brilliant Tutorials
46	5651	Electronics & Communication	Brilliant Tutorials

		Engineering GATE 2000 Set- 1	
47	1358	How to Prepare for TOFEL Test - 2000	Sharpe, Pamela J.
48	9518	Delta Skey to the TOFEL Test- 2005	Gallagher, Nancy
49	4922	Barrons How to Prepare for the Graduate Management Admission- 2002	Jaffe, Eugene D., Galgotia Publishing
50	7768	Barrons How to Prepare for the Graduate Management Admission- 2004	Jaffe, Eugene D., Galgotia Publishing
51	7769	Barrons How to Prepare for the Graduate Management Admission- 2004	Jaffe, Eugene D., Galgotia Publishing
52	7770	Barrons How to Prepare for the Graduate Management Admission- 2004	Jaffe, Eugene D., Galgotia Publishing
53	7765	Barrons How to Prepare for the Graduate Record Examination-2004	Green, Sharon Weiner, Galgotia Publishing
54	7766	Barrons How to Prepare for the Graduate Record Examination-2004	Green, Sharon Weiner, Galgotia Publishing
55	7767	Barrons How to Prepare for the Graduate Record Examination-2004	Green, Sharon Weiner, Galgotia Publishing

The placement cell organizes seminars on higher studies such as GRE/GMAT/CAT/GATE.TOFEL/IELTS etc.

Awareness on Higher Education Report

K.S. Institute of Technology Bangalore**(Approved by AICTE & Affiliated to VTU)****No. 14 Raghuvanahalli, Kanakapura Main Road, Bangalore-109****DEPARTMENT OF TRAINING AND PLACEMENT****REPORT OF AWARENESS SESSION ON HIGHER
EDUCATION**

Semester : 7th & 5th (ODD SEMESTER)
Date : 31/10/2019 (1 Day)
Branch : CS/ EC/ TC/ MECH
Topic : Info Session on Higher Education in USA

Yashna Education USA Trust & in Association with BITES



Education USA is the U.S. Department of State's official global network promoting U.S. higher education and has over 450 centers in more than 170 countries. In India, they have a presence across 7 cities. The Education USA center for Bangalore (covering Karnataka as a state) operates out of Yashna Trust. Supported by the U.S. government, Yashna Trust – Education USA offers credible, unbiased and accurate information about the U.S. higher education.

On Thursday 31 Oct, KSIT invited representatives from Yashna Trust – Education USA Bangalore in association with BYTES to deliver an information session for the benefit of interested students from the institute and the neighboring colleges.

The session covered a detailed step-by-step structured model to help them understand the various aspects of Graduate studies in the U.S., including

- U.S. Higher Education System: Applying to accredited institutions
- Graduate Application Package
- Standardized Tests
- Admissions Process and timelines
- Financial assistance for international students
- I-20 and student visa application

Guest Delivered the Session-

Arijita Sanyal, Center Manager, and Anita Bose Natarajan, Adviser represented Education USA and facilitated the session. Dr Jain, responsible for the placement section at KSIT, introduced the session.

This awareness building session was open for all interested students and approximately 104 students were in attendance. The two-hour session was very well received by students and ended with Q&A. With thousands of accredited U.S.

colleges and universities in the United States, the session signposted to free resources and reference materials that can help them find the institute that is right for them.

Special Thanks-

Special thanks to Dr. K.N.B Murthy, Chairman, Bytes for providing the connect and platform to host the event.

Thanks to host-

The team has also met with Prof. KVA Balaji - CEO of KSGI, to thank him and his team for hosting them at the institute and to explore possibilities to offer more specialized sessions for students on components such as SOP writing and Essays, resume writing and completing the university application with KSIT students. This shall benefit students to explore their potential to the fullest and help them give a direction while applying to the U.S. universities of their choice.

Outcome of the Session-

Discussed with Prof Balaji outlining the next steps and ways in which we can explore future collaborations with KSIT.

Feedback from the Students-

Students got exposed to various opportunities available in US to peruse their Higher Education.

colleges and universities in the United States, the session signposted to free resources and reference materials that can help them find the institute that is right for them.

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Feedback from the Students-

Students got exposed to various opportunities available in US to peruse their Higher Education.



Welcome speech by Dr. Banaja Jain



Bouquet to Guest by Mr. K.V. Manjunath



Welcome speech by Dr. Ranjana Jain



Students listening to the talk



Students and Faculty listening to the talk.



Resource Person Speech

- Attendance and Punctuality: Late coming during the Placement Process shall not be tolerated.
- Students should maintain discipline and show ethical & decent behavior in every action they make during the placement process. Any student found violating the protocol set by the company or defaming the Institute's name would be debarred from the placement for the rest of the
- academic year and it could lead to strict disciplinary action by the institute.
- Students found cheating or misbehaving in the selection process (PPT/Test/GD/Interview) will be disqualified from the placements for the rest of the academic year.
- Students from streams like Mechanical, TCE & ECE will be allowed to sit for campus drive of core companies even if they have offers from Software/IT Companies.

- If a student has been recruited by a company, the concerned student will not be allowed to appear for any other interview for placement arranged by the college. However, placed students may be considered to sit for other drives on a visit of Companies offering higher package (more than 5 lakh) or a core stream company.
- Offers received from companies must be collected from T&P Department/Company as per timings in the notice. The responsibility of going through the offer letter and taking further actions such as signing and sending it back to the Company lies entirely on the students. In case offers received directly by the students from the company, the same must be intimated to the Placement office.

C. Pre - placement Training

Apart from the skills development training discussed in section A, the institutes also arranges company specific training using the training agencies. The resource persons for this training will be working professionals who will be better placed to give inputs on what a company looks for in the incumbents, the culture, ethics & other philosophies of modern organizations. This training helps the students to be more comfortable when they appear for any section process

Company Specific Training of Academic Year 2020 – 2021

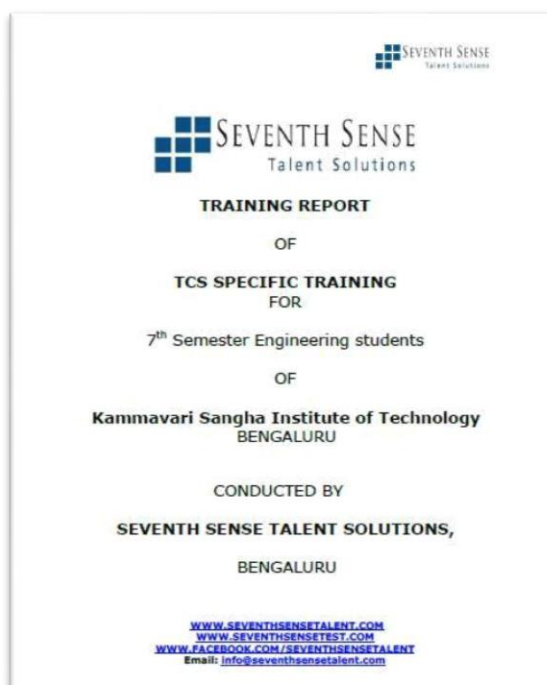
S.No	Details of Company Specific Training	Dates	Days & Durations	Vendor
1	Infosys company specific training	24, 25 & 26/09/2020	3 & 18	SKILL FACTORY
2	TCS company specific training	19,20 & 21/11/2020	3 & 18	SKILL FACTORY
3	NTT DATA company specific training	12 & 13/12/2020	2 & 12	SKILL FACTORY
4	TCS company specific training	7,8 & 9/09/2021	3 & 18	SKILL FACTORY
5	Infosys company specific training	28, 29 & 30/09/2021	3 & 18	SKILL FACTORY
6	NTT DATA company specific training	07 & 08/10/2021	2 & 12	SKILL FACTORY

Company Specific Training of Academic Year 2019 – 2020

S.No	Details of Company Specific Training	Dates	Days Durations	& Vendor
1	TCS company specific training	27, 28 & 29/07/2019	3 & 18	Seventh Sense
2	TCS company specific training (Special)	13,14 & 15/08/2019	3 & 18	Seventh Sense
3	Infosys company specific training	7,8 & 9/09/2019	3 & 18	Seventh Sense

Company Specific Training of Academic Year 2018 – 2019

S.No	Details of Company Specific Training	Dates	Days Durations	& Vendor
1	Infosys company specific training	6,7 & 8/09/2018	3 & 18	Seventh Sense
2	TCS company specific training	28, 29/08/2018	2 & 12	Seventh Sense
3	Mu - sigma company specific training	30, 31/08/2018	2 & 12	Seventh Sense
4	NTT Data VRD (Virtual Recruitment Drive)	25/09/2018	1 & 6	Seventh Sense



**PURPOSE OF THE TRAINING PROGRAM:**

- Our Training program would assist the students-keeping their placements in mind, by crafting a captivating interpersonal skill, along with strong responses to both behavioural and technical interview questions.
- Fine tuning of the student's attitude to learning, motives, values and deal with different situations responsibly and diligently, also makes them a good predictor of academic success.
- This training program helps them leverage their most marketable-and transferable-skills to new career paths and types of work.
- Our training would help students to set inspiring but realistic goals in their professional life.

PICTURES CAPTURED DURING THE TRAINING SESSIONS





Technical Training Program (IN HOUSE EXPERT) - KSIT has focused an initiative to tap potential students at the 3rd & 4th year level and groom them to the best possible opportunities in Corporate, Government or Higher Education purposes. The following interventions are provided for the selected students.

- Conduct problem solving and troubleshooting sessions by highly accomplished people in industry/institutions.
- Conduct a technical training program on various technologies by Key Resource Person KRPs).

Technical Training Program

K S INSTITUTIONS OF TECHNOLOGY								
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING & ELECTRONICS AND TELECOMMUNICATION ENGINEERING								
TECHNICAL TRAINING PROGRAM FOR 7 TH SEM (ECE & TCE)								
Date & Day	S1 (8.40 am to 10.15 am)	Resource Person	S2 (10.30 am to 12.00 pm)	Resource Person	S3 (12.45 pm to 2.15 pm)	Resource Person	S4 (2.30 pm to 4.00 pm)	Resource Person
16/9/19 Monday	Programming languages C, C++, Java vs. OO programming Comparison of Assembly lang, C, C++, Java	Mrs. Mamat ha	Implement content of S2 on a computer.	Mr. Ugranand Channabasava	Machine Learning	Dr. Surekha Borra	Discuss frequently used C Functions Discuss four "what will the output be kind of questions" Discuss conditional statements and loops with examples.	Mr. Santhosh Kumar K J

17/9/19 Tuesday	Data Structures Basic Overview, Indexing Complexity Analysis Recurrence Relation	Mrs.Poonams ree S	Data Structures Linked Lists, Hashes, Stacks, Trees, Queues	Mrs.K Shalini	DBMS Entity relation model Normalization Transaction and ACID Properties Serializability	Mrs.Swat hi Darla	DBMS SQL queries formation Join, Select, sub queries Join-select vs select- join	Mr.Deepa k M D
18/9/19 Wednesday	Operating Systems Process management File systems, memory management Deadlocks and semaphores Inter process communication Permissions and ownership Access control	Mrs. Anu pama	Artificial Intelligence	Dr.Shashin dram Prabhu	Networking The challenges, why layers? Payload Encapsulation, packetization,ov erview and comparision of TCP/IP vs ISO- OSI layers Comparosion of TCP & UDP. Application layer, error handling.	Mr.Senthi l Babu	VLSI	Mr.Pravee n

D. Placement process and support

Placement Policy, Rules and Regulation

Eligibility & Registration

- Final year students who are passing out from the Institute by end of this academic year 2018-19 and are seeking employment should register for campus placements with their respective departments. Placement Registration is for ONE ACADEMIC YEAR ONLY.
- Registration of students will be done during the month of August & September only. Campus recruitment is meant for final year students from B Tech, M.Tech. (And passed out students whenever an opportunity comes through).
- Students are advised to read the Announcements made through notices put up on Notice boards, go through the company website and must inform T & P Department if not interested to appear for the same.
- Students shall prepare their Resume under the supervision of the faculty /Trainer by the Institute, Highlighting their achievements, Summer Projects and anything beyond the curriculum which enhances the employability.

Pre-Placements Talks

- Notices of the Pre-Placement Talks (PPT) by the respective company will be published on the Placement Notice Board. Students should occupy the venue 15-minutes before the scheduled start of the PPT by the Company.
- Students registered must attend the Pre-Placement Talks (PPT) without fail.
- Attendance will be taken and only those students who have attended PPT will be allowed to sit for the rest of recruitment process of the said company.
- Students must clarify queries/doubts if any related to package, job profile, place of work, bond details etc with the HR officials of the Company during Pre-Placement Talks (PPT).

Placement Process

- It is the responsibility of the student to check Announcement/Notices/updated information/shortlisted names etc. displayed on the notice boards of Placement Office Department Notice Boards. Students are expected to be on time as per the announcements.

- Failure to read the notice board / emails will not be accepted as an excuse for not participating.
- Students are not meeting the eligibility criteria mandatorily asked by the company, would not be allowed to sit for the same.
- Students are advised to be dressed in Formals for every Recruitment Drive and should must carry a folder comprising of :
 - Multiple copies of Resume.
 - Passport size colored Photographs.
 - Photocopy of the Certificates (10 , 12 , Graduation Mark sheets and certificates etc).
 - College ID card.
 - Govt ID & Address Proof (viz: Driving License, Passport, Pan card, Aadhar card, Voter ID etc)
- Attendance and Punctuality:
- Late coming during the Placement Process shall not be tolerated.

DISCIPLINE:

- Students should maintain discipline and show ethical & decent behavior in every action they make during the placement process. Any student found violating the protocol set by the company or defaming the Institute's name would be debarred from the placement for the rest of the academic year and it could lead to strict disciplinary action by the institute.
- Students found cheating or misbehaving in the selection process (PPT/Test/GD/Interview) will be disqualified from the placements for the rest of the academic year.

Job Offers:

- Each student is eligible for Only one Job offer*
- If a student receives more than one offer owing to delays in the announcements of results by the companies, the student is bound to accept the job offer whose results are declared earlier.
- If the results are declared on the same day, the student may choose from the offers in hand and inform the placement office of his choice, within 24 hours of announcement of results.
- Students from streams like Mechanical, CSE, TCE& ECE will be allowed to sit for campus drive of core companies even if they have offers from Software/IT Companies.

- Every student who is selected by a company is out of placement thereafter i.e. deregistered from the placement office.
- If a student has been recruited by a company, the concerned student will not be allowed to appear for any other interview for placement arranged by the college. However, placed students may be considered to sit for other drives on a visit of Companies offering higher package (approximately double Package*) or a core stream company.

Offer Letters:

Offers received from companies must be collected from T&P Department/Company as per timings in notice. The responsibility of going through the offer letter and taking further actions such as signing and sending it back to the Company rests entirely on the students. In case, if offers are received from the company directly by the students, a Xerox copy of the same must be given to the Placement Office. It is found that the Integrated and Sustained Skill Development across 8 semesters for the Engineering students of KSIT is truly successful after the evaluation against the below metrics and benchmarks- Recruitment numbers: It is found that the recruitment numbers of the students of KSIT grow in its percentage every year. This is the clear feedback from our recruiting partners that they value the hard work and investment made by students of KSIT during their 4 years with the Institute.

Feedback from the Industry: Feedback collected from the industry representatives about the quality of the students performance after their own boarding in the companies speaks volumes about the edge that our students possess compared to any other institution.

Support from the student community: The demand for training by students every semester is a testament for the effectiveness of delivery. This also directly translates to very high participation from the student community across 4 years in any of the initiatives of the Training and Placement department.

9.6 Entrepreneurship Cell

Total Marks: 5
Institute Marks: 4

Entrepreneurship Cell

Though KSIT does not have a separate entrepreneurship cell, it is continuously striving to promote the concept of entrepreneurship among its students. The essence of entrepreneurship is to spot the students who nurture entrepreneurial ambitions and encourage them to pursue their dreams. The institution has organised a number of programs where eminent resource persons are brought face to face with the students and there is a whole lot of information exchange on various aspects required to become first generation entrepreneurs.

Ideology

- To motivate and inspire students to take up the challenge of entrepreneurship
- To equip them with necessary information and assistance to draw them towards self-employment.
- To promote creative thinking and an entrepreneurial mindset among the students
- To convert proto products that have market acceptability.

ED Cell Committee

<u>Entrepreneurship Committee</u>	
Coordinator	Mr. Krishna Gudi (CSE)
Member	Mr. M Nagabhushan (Mech)
Member	Mrs. Jaysudha B S K (ECE)
Member	Mr. Kumar K (CSE) Mr. Kushal Kumar B N (CSE)

A. Entrepreneurship Initiatives:

- Affiliating university (VTU) has introduced a course on management & Entrepreneurship at 5 semester level in order to draw the attention of young minds about the possibilities of self-employed.
- To develop management personnel at appropriate levels for non-corporate and unorganized sectors like education, rural development, small-scale industry etc.
- To promote self-employment avenues.
- Guidance is given to prepare project report and proposals having information on various feasibility studies.
- Help with product/service ideation.
- Help with Presentation Skills and Business Etiquette

STUDENT BENEFITTED: 2020-21							
Sl No.	Name of the Student	USN No.	Year of Passing	Name of the Company	Position held in the Company	Nature of Job	Year of Establishment
1.	Abhishek M	1KS16CS001	2020-21	TVA ST IT SOLUTIO NS	Partner	Managing Partners	2020-21



Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number : 29AAQFT1615G1ZY

1.	Legal Name	TVAST IT SOLUTIONS			
2.	Trade Name, if any	TVAST IT SOLUTIONS			
3.	Constitution of Business	Partnership			
4.	Address of Principal Place of Business	GROUND FLOOR, NO 1236/1, GROUND FLOOR, 7TH MAIN, 7TH BLOCK, 4TH CROSS., BANASHANKARI 2ND STAGE, HOSAKEREHALLI, Bengaluru (Bangalore) Urban, Karnataka, 560085			
5.	Date of Liability				
6.	Period of Validity	From	25/06/2020	To	Not Applicable
7.	Type of Registration	Regular			
8.	Particulars of Approving Authority	Karnataka			
Signature					
Name		Sunil Kumar T K			
Designation		Assistant Commissioner, LVO			
Jurisdictional Office		LVO 060 - BENGALURU			
9. Date of issue of Certificate		25/06/2020			
Note: The registration certificate is required to be prominently displayed at all places of business in the State.					

This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 25/06/2020 by the jurisdictional authority.

ED CELL PROGRAMME: 2019-20				
SL No.	Event	Description	Resource Person	Date
1	Webinar	“How To Launch Your Own Startup”	Mr. Raghav Naidu G, CEO, G-MART, Co-Founder, Health Shortz	21 ST June, 2020
2	Panel Discussion	“Career Trends and Skills for Success	Mr. Dave Thakkar, Sr. Program Manager, Amazon (Seattle) Mr. Bracl Haney Sr. Trade Compliance Manager, Amazon (Seattle) Mr. Ankit Bera, Sr. Operations Manager, Global Trade, Amazon, (Seattle), Bengaluru	21 ST January, 2020
3.	Technical talk	Innovation, Motivation & Entrepreneurship in Foundry Industry	Dr. K. Shamsundar (Founder & Chairman, M/s S.S Group of Industries)	18 TH October, 2019
3.	Talk	Technical talk on “Entrepreneur life and Career Opportunities”	Mr. Guru Sharan, CEO- Path Finder NRI	27 TH September, 20 19

14



IEEE KSIT STUDENT



BRANCH



EVENT: WEBINAR ON HOW TO LAUNCH YOUR OWN STARTUP

IEEE KSIT along with its WIE affinity and SPS KSIT hosted a webinar on 21st June, 2020 with 25 members, including IEEE members, non-IEEE members, the EXECOM, and the staff.

The guest speaker, Mr. Raghav Naidu G is the CEO of G-MART and co-founder of Health Shotz. He addressed the members present in the webinar enlightening the objectives of starting a business, the thinking process that is involved in setting up a business, various types of establishments and costs.

He also briefed about the laws and rules set up by the government that one entrepreneur has to keep in his/her mind while setting up a business. The webinar lasted for one hour.




BRANCH COUNSELLOR


BRANCH CHAIR

**A REPORT ON PANEL DISCUSSION:
CAREER TRENDS AND SKILLS FOR SUCCESS IN BUSINESS
INTELLIGENCE AND TRADE COMPLIANCE**

Innovation and Entrepreneurship Development Cell (IEDC) and IEEE KSIT Student Branch in collaboration with LAB-X Foundation, US organized a Panel discussion on **“PANEL DISCUSSION ON CAREER TRENDS AND SKILLS FOR SUCCESS IN BUSINESS**

INTELLIGENCE AND TRADE COMPLIANCE” on 14th November 2019 from 10am to

11.30 am.

About 200 students actively participated in the event from various departments like Electronics & Communication, Computer Science & Engg, Mechanical Eng and Telecommunication.

The event provided global exposure to students through interaction with technology leaders. Honored speakers in this program included:

1. Mr. Dave Thakkar, Sr. Program Manager- AMAZON (Seattle)
2. Mr. Brad Haney, Sr. Trade Compliance Manager- AMAZON (Seattle) and
3. Mr. Ankit Bera, Sr. Operations Manager, Global Trade -AMAZON(Bengaluru).



The discussion was about skills required for Trade Compliance and Business Intelligence in the global scenario. The speakers gain valuable insights to the students.

K.S. INSTITUTE OF TECHNOLOGY, BANGALORE - 560109
#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-5600109
DEPARTMENT OF MECHANICAL ENGINEERING

Title of activity: Technical talk on “Innovation, Motivation & Entrepreneurship in Foundry Industry”

Type of activity: Lecture

Date/duration of activity: 18/10/2019, 11.00 am
to 12.30 pm

Venue: Seminar Hall, Ground Floor, New
Building, KSIT

Number of participants: 75

Chief Guest: Dr. K. Shamsundar (Founder & Chairman, M/s S.S Group of Industries)

Lecture Presided by (in absentia): Shri. Y Ramachandra Naidu (President, Kammavari Sangham)

Lecture Graced by (in absentia): Shri. K Venkatesh Naidu (Hon. Secretary, Kammavari Sangham)

Lecture Graced by (in absentia): Shri. D Rukmangada (Hon. Treasurer, Kammavari Sangham)

Lecture Graced by (in absentia): Dr. K.V.A. Balaji (CEO, KS Group of Institutions)

Lecture Graced by: Dr. T.V. Govindaraju (Principal\Director, KS Institute of Technology)

Inauguration Graced by: Prof. Umashankar M (HOD, Department of Mechanical Engineering KS Institute of Technology)

<p>1. Objective</p> <p>The main objective is to get the current batch students of the mechanical engineering dept. familiarize with the current engineering trends in the core field of foundry management. This talk is to keep the prospective engineering graduates abreast with foundry industry standards. The talk also focused on innovation, motivation & entrepreneurship in foundry industry.</p>
<p>2. Target Group</p> <p>Graduate Mechanical Engineers in KSIT</p>
<p>3. About IIF</p> <p>The Institute of Indian Foundrymen (IIF) was set up in 1950 to promote education, research, training and development to Indian foundrymen and to serve as a nodal point of reference between the customers and suppliers of the Indian foundry industry on a global scale. With its Head Quarter in Kolkata, IIF presently services the entire country through its 26 Chapters under four regional Offices located at Kolkata, Delhi, Mumbai & Chennai. The Institute is a member of the World Foundrymen Organisation (WFO) and Confederation of Indian Industry (CII). Website - https://www.indianfoundry.org</p>
<p>4. Activities of IIF</p> <ul style="list-style-type: none"> • To publish the monthly Indian Foundry Journal which contains monographs on various aspects of foundry industry • To organize annually the Indian Foundry Congress (along with Indian Foundry Exhibition " IFEX) and publish the transactions thereof. • To serve as a point of reference to the Government of India for the Foundry Industry. • To participate in the preparation of standards for Foundry materials, Products and Test methods by the Bureau of Indian Standards. • To promote export of foundry products and related services. • To provide technical services to member companies. • To co-ordinate Research and Development work on foundry related subjects. • To organize Training and Development of Shop floor personnel. • To maintain and update databank of foundries and their suppliers. • To publish the Foundry Directory every 5 years listing information relevant to the foundry sector.

- To conduct examinations leading to the GRAD IIF, recognised by the Government of India as a graduate level degree in Foundry technology.
- To support foundry related courses in educational institutions.
- To recognize meritorious activity by individuals and body corporates in the field of foundry technology, through the Awards Programme
- To conduct technical meetings, seminars and workshops through Regional Branches and Chapters

Photos of Technical Talk




Welcoming the Speaker




During the Technical Talk

THANVEER L




KSIT

IEEE KSIT STUDENT BRANCH
EVENT: TECHNICAL TALK ON
“Entrepreneur’s life & Career Opportunity”


IEEE
BANGALORE SECTION


IEEE KSIT, in association with WIE and IEEE Bangalore section Organized a Technical Talk on "Entrepreneur's life & Career Opportunity" on 27th September, 2019.


The Speaker was Mr.Guru Sharan who is an alumina of KSIT. He currently is an CEO of the company 'Path Finder NRI'. This Technical Talk was organized for the 5th Semester Students.



The main objective behind organizing a technical talk was to make the students aware about the Life style and difficulties faced by an Entrepreneur in his/her journey. The speaker addressed the students about the topics such as Startup, Entrepreneur Routines, and also he spoke about the benefits of being an IEEE member.

The Students were definitely enlightened and they were motivated after the talk. This event inspired most of the students to become Entrepreneur in future.


BRANCH COUNSELLOR


BRANCH CHAIR

STUDENT BENEFITTED: 2019-20							
Sl No.	Name of the Student	USN No.	Year of Passing	Name of the Company	Position held in the Company	Nature of Job	Year of Establishment
1.	Darshan S K	1KS15CS024	2019-20	TVAIST IT SOLUTIONS	Partner	Managing Partners	2019-20



Government of India
Form GST REG-06
[See Rule 10(1)]


Registration Certificate

Registration Number : 29AAQFT1615G1ZY

1.	Legal Name	TVAST IT SOLUTIONS			
2.	Trade Name, if any	TVAST IT SOLUTIONS			
3.	Constitution of Business	Partnership			
4.	Address of Principal Place of Business	GROUND FLOOR, NO 1236/1, GROUND FLOOR, 7TH MAIN, 7TH BLOCK, 4TH CROSS., BANASHANKARI 2ND STAGE, HOSAKEREHALLI, Bengaluru (Bangalore) Urban, Karnataka, 560085			
5.	Date of Liability				
6.	Period of Validity	From	25/06/2020	To	Not Applicable
7.	Type of Registration	Regular			
8.	Particulars of Approving Authority	Karnataka			
Signature					
Name		Sunil Kumar T K			
Designation		Assistant Commissioner, LVO			
Jurisdictional Office		LVO 060 - BENGALURU			
9. Date of issue of Certificate		25/06/2020			
Note: The registration certificate is required to be prominently displayed at all places of business in the State.					

This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 25/06/2020 by the jurisdictional authority.

Annexure A



सत्यमेव जयते

GSTIN	29AAQFT1615G1ZY
Legal Name	TVAST IT SOLUTIONS
Trade Name, if any	TVAST IT SOLUTIONS

Details of Additional Places of Business

Total Number of Additional Places of Business in the State	0
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Annexure B



सत्यमेव जयते

GSTIN 29AAQFT1615G1ZY

Legal Name TVAST IT SOLUTIONS

Trade Name, if any TVAST IT SOLUTIONS

Details of Managing / Authorized Partners

1		Name Designation/Status Resident of State	SRIRANGAPATNA KRISANAKUMAR DARSHAN 1KS15C5024 PARTNER Karnataka
2		Name Designation/Status Resident of State	MURTHY ABHISHEK 1KS16C5001 PARTNER Karnataka
3		Name Designation/Status Resident of State	MOHAN VIJAYA BOOPATHI PARTNER Karnataka

1KS15C5024

ED CELL PROGRAMME: 2018-19				
SL No.	Event	Description	Resource Person	Date
1	Microsoft Certification course on IoT, CPMA and Robotics	3 rd Year UG students	ATS InfoTech Private Limited	4 Days: 1 st , 4 th , 5 th and 7 th of May 2019

To The Mgt. For kind approval to organize
15.3.19
Sudharshan
15.3.19

To
The principal
KSIT, Bengaluru

Place Bengaluru
Date : 11.3.2019

sub : regarding conducting Microsoft certification courses in the college in co laboration with
ATS InfoTech. Pvt. Ltd, New Delhi.

Dear Sir,

KSIT has signed an MOU with ATS InfoTech. Pvt. Ltd, New Delhi. As per the MOU, representatives from the ATS InfoTech. Pvt. Ltd gave presentation on the details of Microsoft certification courses and its importance in career development. They presented details like course fees, duration, mode and duration of exam etc. Based on this, totally 123 students from KSIT across the departments have registered for Micro soft Certification course on IOT, CPMA and Robotics.

ATS InfoTech will conduct workshop for registered students to get them prepared for the certification course exam. They need four to five days, preferably on Sundays and holidays, covering at least 6 hours per day for this workshop. We request your permission to allow resource persons from ATS InfoTech. to conduct classes for these students and to use the Laboratory for hands on workshop.

The college will be earning 15% of the total fees the students have paid to ATS InfoTech. The fees per students is Rs 2880/- So per student the college will be getting around Rs 432/-. Also, they provide free workshop for specific number of faculty members as per the MOU.

Thanking you,

[Signature]
Your's faithfully,
Dr. B Sudarshan
IDC co-ordinator
KSIT, Bengaluru

Dues
12/3/19
12/3/19
12/3/19
12/3/19

This arrangement may kindly be permitted as it is highly beneficial to the students. It also helps the institution for Accreditation. A small percentage of revenue collected is shared with the institution for using the facilities. There is a very good response from the students. The Certification will give our students better employment opportunities. For kind permission

CHIEF EXECUTIVE OFFICER
MEMBER SECRETARY
ACADEMIC ADMINSTRATIVE BOARD



Microsoft Partner Network



ORACLE Workforce Development Partner



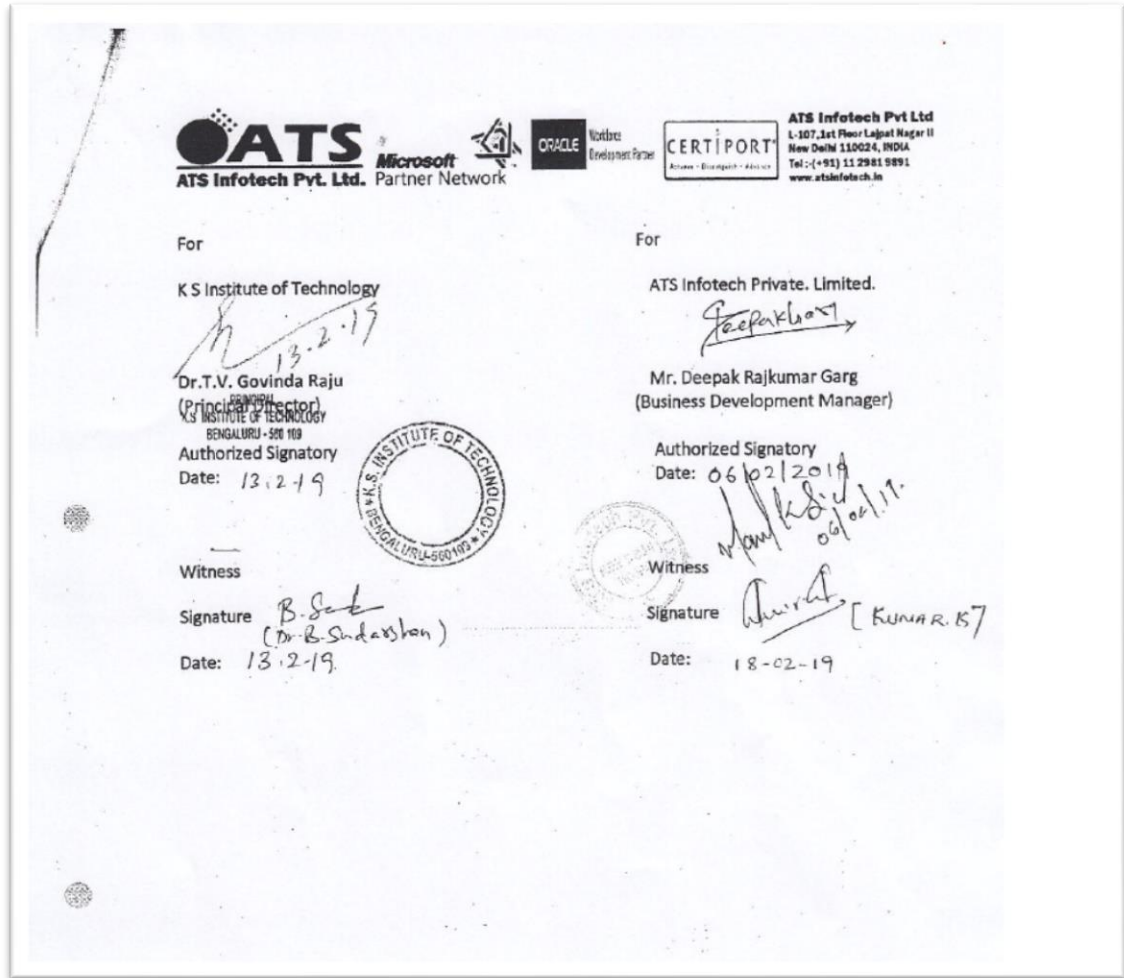
ATS Infotech Pvt Ltd
L-107, 1st Floor, Lalpat Nagar II
New Delhi 110024, INDIA
Tel : (+91) 11 2981 9891
www.atsinfotech.in

23. Cost of certification Exam bundled with free workshop.

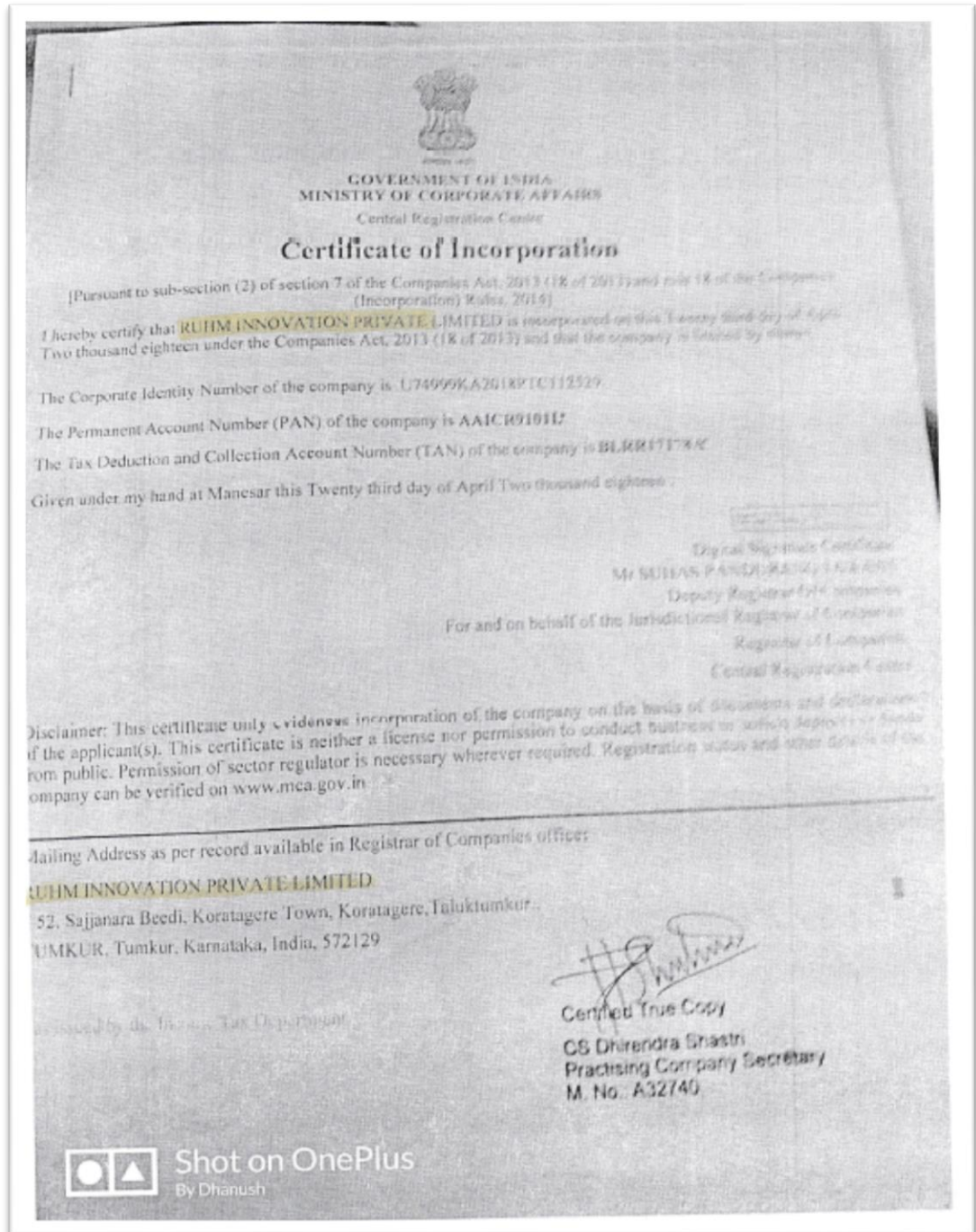
Sr no	Certification mapped free Workshop	Certification Exam Cost with one Attempt	College Share 'RUF'	Program Duration
1	Cross Platform Mobile App. Dev Mapped to Microsoft MTA exam 98-735	2880 + 18% GST	15% of the exam fees	20-24hrs
2	Cyber and Mobile Security Mapped to Microsoft MTA exam 98-367	2880 + 18% GST	15% of the exam fees	20-24hrs
3	IOT Mapped to Microsoft MTA exam 98-361	2880+ 18% GST	15% of the exam fees	20-24hrs
4	Robotics Mapped to Microsoft MTA exam 98-361	2880+ 18% GST	15% of the exam fees	20-24hrs
5	Big Data Mapped to Microsoft MTA exam 98-364	2880 + 18% GST	15% of the exam fees	20-24hrs
6	Revit Architecture Mapped to Autodesk Certification	2880 + 18% GST	15% of the exam fees	20-24hrs

30 hrs

Tejraj
06/02/2019

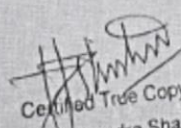


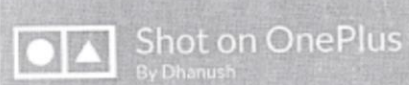
STUDENT BENEFITTED: 2018-19							
Sl No.	Name of the Student	USN No.	Year of Passing	Name of the Company	Position held in the Company	Nature of Job	Year of Establishment
1.	Dhanush K A	1KS16 EC411	2018-19	Ruhm Innovation Pvt. Ltd.	Financial Officer	Business	2019



Subscriber Details					
Name, Address, Description and Occupation	DIN/PAN/Passport Number	No. of shares taken		DSC	Dated
Shree Varaha Nagabhusan Koratagere Son of Nagabhusan Saraswathinathy Koratagere Add: Sajjanara Stre. Opp Kannika Abhal Koratagere, Tumkur - 572129, Karnataka Occ: Self Employed	IZQP596240	5000	Equity		
Nonavinakere Chimay Marjuresh Son of Manjunath Nonnashetty Nonavinakere Add: # 281, Mallaralingeshwara Nilaya, Nonavinakere, Tiptur Tq, Tumkur Dist - 572224, Karnataka Occ: Self Employed	BUQPC7290Q	5000	Equity		
Total Shares taken		10,000	Equity		

Signed before Me				
Address, Description and Occupation	DIN/PAN/Passport Number/ Membership Number	DSC	Dated	
Dhanush Amaranath Koratagere Son of Amaranath	Opp Shivaganga Fakis, Koratagere Town, Tumkur - 572129, Karnataka Occ : Self Employed	BUMPA4011L		


 Certified True Copy
 CS Dhirendra Shastri
 Practising Company Secretary
 No. A32740


Page 3 of 5

9.7 Co-curricular and Extra-curricular Activities**Total Marks: 10**
Institute Marks: 10**A. Availability of Sports and Cultural Facilities****Sports Facilities:**

Department of Physical Education & Sports is very active in the Campus. The institution strongly believes in the overall development of its students and thus encourages sports activities. Sports are in fact a way of life for the student's physical and mental health and fitness. The institution believes that A well-implemented, comprehensive program is an essential component for the growth of both mind and body.

The available 500 Sq. Mtrs of ground has been effectively developed into a *Volley ball / Throw ball and Kabaddi* field. Indoor games like *Badminton, Carom and Chess* etc. are also provided and encouraged. The department of sports is vested with the responsibility of organizing and arranging for all the National festivities. All sports activities are opened from 4 pm onwards. *Mr. Umesh, PED, KSIT* is responsible for conducting events. Facilities kept open for both students and staff (teaching and Non-Teaching). Register is maintained for sports (both indoor and outdoor) activities. The institution has moderate facilities for sports, games (indoor, outdoor) and cultural activities.

Indoor Games in the Campus

Sl. No.	Name of the sport Facility
1	Carom
2	Chess
3	Table Tennis
4	Gym



Carom



Chess

**Table Tennis****Gym**

Outdoor Games in the Campus

Sl. No.	Name of the sport facility
1	Volley ball
2	Throw ball
3	Kabaddi
4	Badminton
5	Basketball

**Volley Ball**



Throw Ball



Kabaddi



Badminton



Basket Ball

Cultural Facilities

Sl. No.	Name of the Cultural facility
1	Practice Room
2	Conference Hall
3	Quadrangle
4	Drum set
5	Music System
6	Public Address System



Practice Room

Apart from this, students organize college cultural fest “*Ananya*” every year. Various cultural competitions such as nail-art, Pencil-Sketching, Mehandi, photography, quiz, Dumb charades, tug of war, counter strike, treasure hunt, minute to win it, Kannada Antyakshari, Collage, Mr. and Miss KSIT, Dub-Smash, Mad-ads, solo-dance, group-dance, solo-singing, Hogothon, Mock IPL Auction, Cooking without fire, Fashion show and Rangoli were conducted to bring out the hidden talents and exhibit the creativity of the students.



Lighting the lamp by Chief Guest, Guest of Honor, Management and Principal



Performance by Student



Felicitation by Principal and Cultural Committee Co-ordinator

B. NCC, NSS and other clubs:

KSIT has a very vibrant NSS wing in which our students actively and enthusiastically participate. This wing has organized NSS Camps, Blood Donation Camps, Social Awareness Camps and Graam Swachh Abhiyaan Camps every year. Students are motivated to register for NSS Unit Every year through registration process by the NSS Faculty Co-ordinator.

List of NSS Events:

EVENTS CONDUCTED UNDER NSS: 2020-21			
SL NO	Event Name	No. of Students Participated	Date
1.	Independence Day	50	15-08-2021
2.	Free Vaccination Drive at KSIT Campus	384	06-07-2021
3.	Elimination of Single use plastic	44	05-04-2021



INDEPENDENCE DAY:15/8/2021

75TH INDEPENDENCE DAY PROGRAMME SHEET

1	ASSEMBLY	8.15AM																														
2	WELLCOME SPEECH	VISHNAVI SRIHARSAN (NSS VOLUNTEER)																														
5	GROUP SONG	NSS VOLUNTEERS																														
5	POOJA	BY Hon. Secretary: SRI. R. LEELA SHANKAR RAO																														
6	FLAG HOISTING	BY Hon. President: SRI. R. RAJAGOPAL NAIDU																														
7	ADDRESS BY PRESIDENT	SRI. R. RAJAGOPAL NAIDU																														
8	ADDRESS BY SECRETARY	SRI. R. LEELA SHANKAR RAO																														
9	INDEPENDENCE DAY GREETINGS	BY CEO : DR. K.V.A .BALAJI																														
10	INDEPENDENCE DAY GREETINGS	BY PRINCIPAL : DR. DILIP KUMAR.K																														
11	DISTRIBUTION OF VTU NSS CERTIFICATES	<table border="1"> <tr> <td>1.PUNITH</td> <td>16. VAISHNAVI S</td> </tr> <tr> <td>2.VISHNU TEJAS T M</td> <td>17.NIKHIL V</td> </tr> <tr> <td>3.SAI ADITYA C H</td> <td>18.NAVIN KUMAR</td> </tr> <tr> <td>4.RAVI K V</td> <td>19. RITU PATIL</td> </tr> <tr> <td>5.ADITI R S SINGH</td> <td>20.SAHANA M K</td> </tr> <tr> <td>6.YASHAS G V</td> <td>21. ANAGHA A</td> </tr> <tr> <td>7.AMOGH R</td> <td>22. GANESH B</td> </tr> <tr> <td>8.LOKESH B M</td> <td>23. SHRADDA P</td> </tr> <tr> <td>9.P KISHORE</td> <td>24.MOHAN PRASANNA</td> </tr> <tr> <td>10.CHENNAKESHAVA</td> <td>25. SAHANA R</td> </tr> <tr> <td>11.VYBHAVI J</td> <td>26. GOWTHAMI V</td> </tr> <tr> <td>12.VARSHINI N</td> <td>27.NAYANA SHREE</td> </tr> <tr> <td>13.VISHAL</td> <td>28.SURABHI B</td> </tr> <tr> <td>14.VAISHNAVI SRIHARSHAN</td> <td>29.RACHANA GILIYAL</td> </tr> <tr> <td>15. NAGANETRA M</td> <td>30.NIVEDITHA.R</td> </tr> </table>	1.PUNITH	16. VAISHNAVI S	2.VISHNU TEJAS T M	17.NIKHIL V	3.SAI ADITYA C H	18.NAVIN KUMAR	4.RAVI K V	19. RITU PATIL	5.ADITI R S SINGH	20.SAHANA M K	6.YASHAS G V	21. ANAGHA A	7.AMOGH R	22. GANESH B	8.LOKESH B M	23. SHRADDA P	9.P KISHORE	24.MOHAN PRASANNA	10.CHENNAKESHAVA	25. SAHANA R	11.VYBHAVI J	26. GOWTHAMI V	12.VARSHINI N	27.NAYANA SHREE	13.VISHAL	28.SURABHI B	14.VAISHNAVI SRIHARSHAN	29.RACHANA GILIYAL	15. NAGANETRA M	30.NIVEDITHA.R
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12	VOTE OF THANKS	CHOWDAPPA . M .R ,NSS P.O																														



Group photo NSS Volunteer



Refreshment in the function

Chowdappa M.R.

CHOWDAPPA.M.R
NSS PROGRAMME OFFICER

NSS Programme Officer

K S Institute of Technology
Kanakapura Main Road
Bengaluru - 560 109

Dilip Kumar K.

Dr.DILIP KUMAR.K
PRINCIPAL
PRINCIPAL

K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

INDEPENDENCE DAY:15/8/2021

Page 5

EVENTS CONDUCTED UNDER NSS: 2019-20			
SL NO	Event Name	No. of students Participated	Date
1.	GRAMA SWARAJYA 2020	50	5-02-2020 to 11-02-2020
2.	Yoga Day	50	07-02-2020
3.	Republic Day	150	26-01-2020
4.	Sevathon	100	15-12-2019
5.	Flasiru Abhiyana	50	21-09-2019
6.	Swacha Bharat Abhiyana	50	16-09-2019
7.	Nutritional Diet Awareness	100	14-09-2019
8.	Cauvery Calling-Action Now	100	31-08-2019
9.	Independence Day	200	15-08-2019

EVENTS CONDUCTED UNDER NSS: 2018-19			
S1. No.	Event Name	No. of students participated	date
1	Republic day celebration (NSS)	150	26/01/2019
2	Blood donation camp (Lions blood bank)	222	14/03/2019
3	computer Awareness program (Govt. school)	100	07/03/2019
4	Environment day (plantation)	50	05/06/2018
5	International yoga day (Art of living)	100	21/06/2018
6	NSS 7 days Special camp (SANKALPA)	60	12-18/07/2018
7	Fund collection for Kodagu &Kerala	50	25/08/2018
s	Independence day (NSS)	200	15/08/2018
9	Drug abuse awareness program	250	06/09/2018
10	Golden jubilee of NSS	150	13/10/2018
11	Drug awareness walk(Ciibbon park)	50	10/11/2018
12	Dental awareness &free screening	300	03/11/2018
13	Kannada Rajyothsava	450	30/11/2018
14	Essay competition (DRUG ABUSE)	100	17/12/2018

Sports Activities:**List of Sports Activities from 2018 - 2019**

Sl. No.	Tournament/Competition	Held at	Date	No. of Students	Level	Achievement
1	VTU Bangalore South Zone Inter College Badminton (M&W) Tournament 2018-19	SJB IT Bengaluru.	27 th & 28 th August 2018	10	Inter-Collegiate	our college team qualified for Quart finalist
2	VTU Bangalore South Zone Inter College Table Tennis (M&W) Tournament 2018-19	JSSATM Bengaluru	3 rd & 4 th September 2018	10	Inter-Collegiate	
3	39 th Annual Y Nagesh Rao Maanay Memorial Inter College throw ball (Men) Tournament 2018.	BNMIT Bengaluru	7 th & 8 th September 2018	12	Inter-Collegiate	our college team qualified for Quart finalist
4	2 nd bhavana memorial Throw ball (Women) tournament 2018	GAT Bengaluru	7 th & 8 th September 2018	12	Inter-Collegiate	Our College secured Runners
5	VTU Inter College single zone Taekwondo competition 2018	VKIT Bengaluru	10 th & 11 th September 2018	02	Inter-Collegiate	
6	VTU Bangalore south zone Cricket (M) team selections trails 2018-19	DBIT Bengaluru	21 st & 22 nd September 2018	04	VTU Team selections trails	1 Student selected VTU inter zone
7	VTU inter zone Cricket (M) team selections trails 2018-19	RYMEC Bellary	24 th to 25 th September 2018	01	VTU Team selections trails	
8	VTU Cricket (W) team selections trails 2018	SVIT Bengaluru	26 th September	03	VTU Team	

			er 2018		selecti ons trails	
9	VTU Inter College swimming competition 2018-19	BMSCE Bengaluru	3 rd October 2018	05	Inter-Colle giate	1 silver & 3 Bronze Medal
10	VTU bengaluru zone Inter College soft ball tournament 2018-19	Sir MVIT Bengaluru	4 th & 5 th October 2018	16	Inter-Colle giate	
11	State level Inter College throw ball Tournament 2018-19	Jyothi IT Bengaluru.	5 th & 6 th October 2018	24	Inter-Colle giate	our college(W) team qualified for Semi finalist
12	VTU Soft ball Team selections Trails 2018-19	SJMIT Chitradurga	6 th to 7 th October 2018	04	VTU Team selecti ons trails	
13	VTU Bangalore South zone Throw ball Tournament 2018	GAT Bengaluru.	9 th & 10 th October 2018	12	Inter-Colle giate	
14	All India Inter University Swimming Championship 2018-19	Jain University Bengaluru	22 nd to 30 th October 2018	02	Inter Unive rsity	2 Student Represented VTU
15	21 st VTU Inter Collegiate Athletic meet 2018-19	SJCIT Chickballpur	25 th October to 29 th October 2018	11	Inter-Colle giate	

Sl. No.	Tournament/Competition	Held at	Date	No. of Students	Level	Achievement
16	All India Inter University Softball Championship 2018	SRTM University Nanded (MS)	25 th October 2018 to 4 th November 2018	02	Inter University	2 Student Represented VTU
17	VTU Weight lifting & Best Physique (Men)	GAT Bengaluru	30 th & 31 st October 2018	03	Inter-Collegiate	
18	19 th VTU Inter Collegiate Youth Festival (M&W) 2018-19	BKIT Bhalki Bidar	2 nd to 4 th November 2018	04	Inter-Collegiate	
19	All India Inter University South Zone Kabaddi Tournament 2018-19	Bangalore North University Bengaluru	6 th November 2018 to 15 th November 2018	01	Inter University	1 Student Represented VTU
20	VTU Netball (M) team selections trails 2018	KNSIT Bengaluru	9 th & 10 th November 2018	02	VTU Team selections trails	
21	VTU Baseball (M) team selections trails 2018-19	Sir MVIT Bengaluru	14 th & 15 th November 2018	04	VTU Team selections trails	
22	Inter Collegiate Sports Fest SPHYGMUS Softball Tournament 2019	Jyoti Nivas College Bangalore	12 th to 14 th February 2019.	16	Inter-Collegiate	Our College secured Runners Up
23	South zone inter-university Cricket (W) Tournament 2018-19	VTU Belagavi	14 th to 23 rd January 2019	01	Inter University	1 Student Represented VTU
24	South zone inter-university Cricket (W) Tournament 2018-19	Andra University Visakhapatnam (AP)	9 th February 2019 to 14 th February 2019	03	Inter University	3 Student Represented VTU

25	VTU Bangalore South Zone Inter College Volley ball (M) Tournament 2018-19	RVCE Bengaluru.	9 th & 10 th march 2019	12	Inter-Collegiate	Participated
26	VTU Bangalore South Zone Inter College Cricket (M) Tournament 2018-19	SJBIT Bengaluru	6 th to 14 th march 2019	16	Inter-Collegiate	Participated
27	Sports Day – 2017-2018	UCPE Ground Bangalore university	16 th march 2019	700	Inter - Department	
28	VTU Bangalore South Zone Inter College Football (M) Tournament 2018-19	RNSIT Bengaluru	21 st & 22 nd March 2019	16	Inter-Collegiate	Participated
29	All India Inter University Base ball Championship 2018-19	Kurukshetra University Kurukshetra	27 th March 2019 to 30 th March 2019	02	Inter University	2 Student Represented VTU
30	VTU Handball (M) team selections trails 2019	NCEIT Bengaluru	8 th & 9 th April 2019	03	VTU Team selections trails	Participated
31	11 th sai leo trophy kabaddi Tournament 2018-19	Sairam CE Anekal	24 th April 2019	12	Inter-Collegiate	Participated
32	Throw ball (Women) tournament 2018-19	GAT Bengaluru	26 th April 2019	12	Inter-Collegiate	Our College secured Winners
33	Kabaddi (men) tournament 2018-19	GAT Bengaluru	26 th April 2019	12	Inter-Collegiate	Participated
34	VTU Bangalore South Zone Inter College Kabaddi (M)	KSIT Bengaluru	29 th & 30 th April	12	Inter-Collegiate	our college team qualified for Semi finalist

	Tournament 2018-19		2019			
35	VTU Kabaddi (M) team selections trails 2019	Angadi IT&M Belagavi	6 th & 7 th May 2019	04	VTU Team selections trails	Participated

Achievements from 2018 - 2019



Karthik Narayan L 5th sem Dept of TCE secured one silver medal, two bronze medal in the VTU inter collegiate swimming Competition 2018 at BMSCE bengaluru 3rd October 2018



Suhas Y 5th sem Dept of MEC secured one bronze medal in the VTU inter collegiate swimming Competition 2018 at BMSCE Bengaluru 3rd October 2018





Throw ball Team (Women): Our College secured **Runners Up 2nd** bhavana memorial Throw ball (Women) tournament 2018 held on 7th & 8th September 2018 at GAT Bengaluru.







Priyanka S of 7th Sem Dept of CSE Represented VTU Kabaddi team in South zone inter-university Kabaddi Tournament 2018-19 held at **Bangalore North University Bengaluru** From 12th November 2018 to 15th November 2018 & Coaching camp will be held from 6th November 2018 to 11th November 2018 in CIT Gubbi.



Karthik Narayan L of 3rd sem Dept of TCE Represented All India Inter University Swimming Championship 2018-19 which is scheduled to be held at **Jain University Bengaluru** from 26th October 2018 to 30th October 2018 & Coaching camp will be held from 22nd October 2018 to 25th October 2018 in BMSCE Bengaluru.



Suhas Y of 5th sem Dept of TCE Represented All India Inter University Swimming Championship 2018-19 which is scheduled to be held at **Jain University Bengaluru** from 26th October 2018 to 30th October 2018 & Coaching camp will be held from 22nd October 2018 to 25th October 2018 in BMSCE Bengaluru.



Nischal.V.Chadaga 3rd Sem Dept of MEC Represented VTU Softball Team in All India Inter University Softball Championship 2018-19 which is scheduled to be held at **SRTM University Nanded (MS)** from 31st October 2018 to 4th November 2018 & Coaching camp will be held from 25th to 30th October 2018 in Sir MVIT Bengaluru.



Rohith R 3rd Sem Dept of CSE Represented VTU Softball Team in All India Inter University Softball Championship 2018-19 which is scheduled to be held at **SRTM University Nanded (MS)** from 31st October 2018 to 4th November 2018 & Coaching camp will be held from 25th to 30th October 2018 in Sir MVIT Bengaluru.



Priyanka S of 8th Sem Dept of CSE Represented VTU Cricket team in South zone inter-university Cricket Tournament 2018-19 held at **Andra University Visakhapatnam (AP)** From 9th February 2019 to 14th February 2019 & Coaching camp will be held from 6th February 2019 to 8th February 2019 in VTU Regional Office Mysuru.



Sadhika Chandra R of 6th Sem Dept of ECE Represented VTU Cricket team in South zone inter-university Cricket Tournament 2018-19 held at **Andra University Visakhapatnam (AP)** From 9th February 2019 to 14th February 2019 & Coaching camp will be held from 6th February 2019 to 8th February 2019 in VTU Regional Office Mysuru.



Shreyashwini V of 6th Sem Dept of ECE Represented VTU Cricket team in South zone inter-university Cricket Tournament 2018-19 held at **Andra University Visakhapatnam (AP)** from 9th February 2019 to 14th February 2019 & Coaching camp will be held from 6th February 2019 to 8th February 2019 in VTU Regional Office Mysuru.



Prajwal Krishna 6th Sem MEC Represented VTU Cricket team in South zone inter-university Cricket Tournament 2018-19 held at **VTU Belagavi** from 14th January 2019 to 23rd January 2019 & Coaching camp will be held from 5th January 2019 to 13th January 2019 in JNNCE Shivamogga.



Priyanka S of 8th Sem Dept of CSE, **Sadhvika Chandra R** & **Shreyashwini V** of 6th Sem Dept of ECE Represented VTU Cricket team in South zone inter-university Cricket Tournament 2018-19 held at **Andra University Visakhapatnam (AP)** from 9th February 2019 to 14th February 2019 & Coaching camp will be held from 6th February 2019 to 8th February 2019 in VTU Regional Office Mysuru.



Our College Soft Ball Team Secured Runners Up In The Inter Collegiate Sports Fest SPHYGMUS Soft ball Tournament 2019 Held at Jyoti Nivas College Bangalore 12th to 14th February 2019.





Prajwal Krishna 6th Sem MEC Represented VTU Cricket team in South zone inter-university Cricket Tournament 2018-19 held at **VTU Belagavi** from 14th January 2019 to 23rd January 2019 & Coaching camp will be held from 5th January 2019 to 13th January 2019 in JNNCE Shivamogga.

Annual Activities


K.S.Group Of Institutions
K.S.INSTITUTE OF TECHNOLOGY
 (Affiliated to VTU - Belagavi & Approved by AICTE - New Delhi)
 No.14, Raghuvanahalli, Kanakapura Road, Bengaluru-560109



Tel: +91-80-28435722/24 Fax:+91-80-28435723 Email- principal.ksit@gmail.com Website: www.ksit.ac.in

Sports Day 2019-20 Report

Department of Physical Education & Sports organized the Annual Sports Day- 2019-20 held on 07th March 2020, UCPE Stadium Bangalore University Jnana Bharathi. it was inaugurated The Chief Guest Mr Vidyamani Puttanna in his address emphasized the importance of sports in every student's life. The Guest of Honour Dr Rajesh Y H Director of physical Education VTU Belagavi, Dr Jayram Asst Commissioner Police Ex- Prime Minister security force Bangalore & Mr Rakesh Rudra Alumni of KSSEM, Dept of CIVIL as Guest of honor has advised the students to give importance to academic and sports as well to excel in the career. President Ramachandra Naidu, Secretary Venkatesh Naidu, Dr. T.V. Govindaraju, Principal/Director, & All the dept HOD's, Staff Members & students were present on the occasion. In his Inaugural Address highlighted the importance to the sports extended by Treasurer Rukhumangada Naidu KSGI gave a note on facilities available in the college and encouragement given by Kammavari Sangham.

Sl. No .	No. of Events	No. of Students Participated	Individual championship	Overall team championship For Department
1	10 (Men) 8(women)	850	1.Sadhvika Chandra R 8 th Sem ECE 2. Prajwal Krishnna 8 th Sem MEC	Dept of Mechanical



KAMMAVARI SANGHAM (R) 1952

K.S. INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi & Accredited by NAAC)

14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560 109.

Tel: 080-2843572/24, Fax: +91 -080-28435723, E-mail: principal.ksit@gmail.com, Web:www.ksit.ac.in



The Management, Principal, Staff & Students
Solicit your gracious presence for the Inauguration of

ANNUAL ATHLETIC MEET 2019-20

On Saturday, 7th March 2020, at 9-30 a.m.

Chief Guest
Sri. Puttanna, MLC
Ex - Deputy Chairman
Karnataka Legislative Council
Bangalore Teachers Constituency

Guest of Honour

Dr. Jayaram Asst. Commissioner Police Ex - Prime Minister Security force.	Dr. Rajesh Y H Director of Physical Education VTU Belagavi.	Sri. Rakesh Rudra National Athlete Alumni of KSSEM
--	--	---

Sri. Y Ramachandra Naidu
President, Kammavari Sangham
Will preside over the function

Sri. K Venkatesh Naidu, B.E (Mech)
Hon.Secretary, Kammavari Sangham
Will deliver inaugural address

Sri. D Rukmangada, B.E, MBA
Treasurer, Kammavari Sangham
Will grace the occasion

Dr. K.V.A. Balaji
Chief Executive Officer
K S Group of Institutions

Mr. Umesh. S Physical Education Director KSIT	Dr. T.V. Govindaraju Principal / Director KSIT
--	---

Venue: UCPE Ground, Jnana Bharathi Campus, Bangalore University

Managing Committee

Sri. Y. Ramachandra Naidu
President

Sri. T. Ramachandra Naidu
Vice President

Sri. K. Shiva Rao
Vice President

Sri. K. Venkatesh Naidu
Hon. Secretary

Sri. B. Lokanadha Naidu
Joint. Secretary

Sri. R. Leela Shankar Rao
Joint. Secretary

Sri. D. Rukmangada
Treasurer

Sri. L. Krishnamoorthy
Internal Auditor

Sri. M. Yogamurthy
Chairman, Finance Committee

Sri. T. Neerajakshalu Naidu
Chairman, Hostel Committee

Sri. N. Krishnama Naidu
Chairman, Building Committee

Sri. D. Jagadish Kumar
Chairman, Hospital Committee

Sri. M. Sudhakar
Chairman, Legal Cell

Sri. P.B. Prakash Kumar
Chairman, Transport Committee

Sri. M.N. Padmanabha
Director

Sri. T. Kumar
Director

Sri. N.M. Krishnamurthy
Director

Sri. A.V. Nagaraj
Director

Sri. M.C.Varadaraja
Director

Advisory Committee

Sri. K.Krishna
Chairman

Sri. K. Subramanyam Naidu
Member

Sri. Y.Ramakrishna
Member

Sri. H.Ramanjaneya
Member

Sri. C N Govindaraju
Member

Sri. Prathipati Anjaneyalu
Member

Sri. Reddi Veeranna
Member

Sri. Yalamanchili Vasudeva Rao
Member

Academic Advisory Board


Dr. H. P. Khincha
Chairman

Dr. K. N. Balasubramanya Murthy
Member


Dr. Y. N. Srikanth
Member

Dr. Shyam Vasudeva Rao
Member

Dr. K.V.A. Balaji
Chief Executive Officer



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All the staff & Students are hereby informed that our College Annual Athletic Meet 2019 - 20 will be held on 7th March 2020, at **UCPE, Ground Jnana Bharathi Bengaluru University**, from 8 am to 4 pm. All the staff & Students are informed to participate & make Athletic Meet a grand success.

List of Events

Sl. No.	MEN	WOMEN	Events for Staff	
01	100 Meters Running	100 Meters Running	100 Meters Running	Men & Women (Above 40 years age category)
02	200 Meters Running	200 Meters Running	100 Meters Running	Men & Women (Below 40 years age category)
03	400 Meters Running	400 Meters Running	Shot Put	Men & Women
04	800 Meters Running	800 Meters Running	Discus Throw	Men & Women
05	1500 Meters Running	4 x 100 Meters Relay	Tug of war	Men & Women (10 members of a team KSIT V/S KSSEM)
06	4 x 100 Meters Relay	Shot Put		
07	Shot Put	Discus Throw		
08	Discus Throw	Long Jump		
09	Long Jump			

NOTE:

1. The inauguration of the athletic meet shall be at 9 am .
2. Interested students should register their names with Physical Education Director
3. For further clarifications contact Physical Education Department..

K. S. INSTITUTE OF TECHNOLOGY
#14, Raghunahalli, Kanakapura Main Road, Bengaluru-560109

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

Date: 17/02/2020

CIRCULAR

Following faculty members are requested to continue as Sports committee members. They are requested to attend the meeting & execute their responsibilities.

Sports committee

Co-ordinator:
Umesh S

Members:

1. Manjunath B R	Dept of MED	
2. Dhinesh Kumar D S	Dept of TCE	Dinal
3. Christo Jain	Dept of ECE	
4. Roopesh Kumar B N	Dept of CSE	
5. Kiran Kumar S R	Dept of BS&H	

Meeting will be held on 18th February 2020 at 11.00am.
Venue: PED Room.

Handwritten signature and stamp:
ಉಮೇಶ್. ಎಸ್. ಕೆ.ಎಂ.ಪಿ.ಇಡಿ.
ದೈನಿಕ ಶಿಕ್ಷಣ ನಿರ್ದೇಶಕರು
ಕೆ.ಎಸ್. ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ
ಬೆಂಗಳೂರು - 560 109

K. S. INSTITUTE OF TECHNOLOGY
#14, Raghunahalli, Kanakapura Main Road, Bengaluru-560109

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

Date: 18/02/2020

Agenda

- To induct new student member to sports committee.
- Uniform for new students.
- Hire Stadium.
- Qualified officials.
- Working lunch, medical facility, certificates & medals.
- Chief Guest.
- Sports day date & Time.

Members presented

		Signature
1. Umesh S	PED	
2. Manjunath B R	Dept of MED	
3. Dhinesh Kumar D S	Dept of TCE	Dinal
4. Christo Jain	Dept of ECE	
5. Roopesh Kumar B N	Dept of CSE	
6. Kiran Kumar S R	Dept of BS&H	

Minutes of Meeting

- ✓ Discussed to issue uniform to all new students.
- ✓ To hire sports ground of Jnanabharathi.
- ✓ To hire qualified officials from University itself for the smooth conduction of program.
- ✓ To provide working lunch, medical facility and also issue certificates, medals to the winners.
- ✓ To invite is Sr) Puttanna MLC chief guest to inaugurate annual Athletic meet.
- ✓ Committee decided to invite Mr.Dr.Jayram ACP & Dr.Rajesh Y H DPE VTI & Rakesh R (Alumni of KSSEM) guest of honour.
- ✓ To organise sports day we decided the date that 7th March 2020,at 9.30am

Handwritten signature and stamp:
ಉಮೇಶ್. ಎಸ್. ಕೆ.ಎಂ.ಪಿ.ಇಡಿ.
ದೈನಿಕ ಶಿಕ್ಷಣ ನಿರ್ದೇಶಕರು
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ಬೆಂಗಳೂರು - 560 109





Sports Day 2018-19 Report

Department of Physical Education & Sports organized the Annual Sports Day- 2018-19 held on 16th March 2019, UCPE Stadium Bangalore University Jnana Bharathi. it was inaugurated The Chief Guest Mr Rudresh B -Journalist (Senior Producer TV-9)Kho-Kho Player in his address emphasized the importance of sports in every student's life. The Guest of Honour Mr Hemanth Kumar R Kabaddi Player, Alumni of KSIT, Dept of CSE 2012-15 & Miss.Bhavya P Kabaddi Player, Alumni of KSIT, Dept of ECE 2013-17 as Guest of honor has advised the students to give importance to academic and sports as well to excel in the career. President Ramachandra Naidu, Secretary Venkatesh Naidu, Dr. T.V. Govindaraju, Principal/Director, & All the dept HOD's, Staff Members & students were present on the occasion. In his Inaugural Address highlighted the importance to the sports extended by Treasurer Rukhumangada Naidu KSGI gave a note on facilities available in the college and encouragement given by Kammavari Sangham. Principal of KSIT delivered few words on the occasion.

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1	10 (Men) 8(women)	680	1.Sadhvika Chandra R ECE 2. Prajwal Krishna MEC	Dept of ECE



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*The Management, Principal, Staff & Students
Solicit your gracious presence for the Inauguration of*

ANNUAL ATHLETIC MEET 2018-19

On Saturday, 16th March 2019, at 9-30 a.m.

Chief Guest
Sri. Rudresh B
Journalist (Senior Producer TV-9)
Kho-Kho Player

Guest of Honour
Mr. Hemanthkumar R **Miss. Bhavya P**
Q A Engineer (ITI Limited) Programmer Analyst Cognizant Technology Solutions
Kabaddi Player (Alumni of KSIT) Kabaddi Player (Alumni of KSIT)

Sri. Y Ramachandra Naidu
President, Kammavari Sangham
Will preside over the function

Sri. K Venkatesh Naidu B.E (Mech)
Hon.Secretary, Kammavari Sangham
Will deliver inaugural address

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Dr. K.V.A. Balaji
Chief Executive Officer
K S Group of Institutions

Mr. Umesh. S **Dr. T.V. Govindaraju**
Physical Education Director Principal / Director
KSIT KSIT

Venue: UCPE Ground, Jnana Bharathi Campus, Bangalore University

Managing Committee

Sri. Y. Ramachandra Naidu
President

Sri. T. Ramachandra Naidu
Vice President

Sri. K. Shiva Rao
Vice President

Sri. K. Venkatesh Naidu
Hon. Secretary

Sri. B. Lokanadha Naidu
Joint. Secretary

Sri. R. Leela Shankar Rao
Joint. Secretary

Sri. D. Rukmangada
Treasurer

Sri. L. Krishnamoorthy
Internal Auditor

Sri. M. Yugamurthy
Chairman, Finance Committee

Sri. T. Neerajakshalu Naidu
Chairman, Hostel Committee

Sri. N. Krishnanna Naidu
Chairman, Building Committee

Sri. D. Jagadish Kumar
Chairman, Hospital Committee

Sri. M. Sudhakar
Chairman, Legal Cell

Sri. P.B. Prakash Kumar
Chairman, Transport Committee

Sri. M.N. Padmanabha
Director

Sri. T. Kumar
Director

Sri. N.M. Krishnamurthy
Director

Sri. A.V. Nagaraj
Director

Sri. M.C. Varadaraja
Director

Advisory Committee

Sri. K. Krishna
Chairman

Sri. K. Subramanyam Naidu
Member

Sri. Y. Ramakrishna
Member

Sri. H. Ramanjaneya
Member

Sri. C. N. Govindaraju
Member

Sri. Prathipati Anjaneya
Member

Sri. Reddi Veeranna
Member

Sri. Yalamanchilli Vasudeva Rao
Member

Academic Advisory Board

Dr. H. P. Khincha
Chairman

Dr. K. N. Balasubramanya Murthy
Member

Dr. Y. N. Srikanth
Member

Dr. Shyam Vasudeva Rao
Member

Dr. K.V.A. Balaji
Chief Executive Officer





KAMMAVARI SANGHAM (R) 1952
K.S. GROUP OF INSTITUTIONS
K.S. INSTITUTE OF TECHNOLOGY
14, Raghuvanahalli, Kanakapura Main Road, Bangalore-109



Hearty welcome

Annual Athletic Meet 2018-19

Date: 16th March 2019 Time: 9.00 am
Venue: UCPE STADIUM, Jnana Bharathi Campus, Bangalore University

KAMMAVARI SANGHAM (R) 1952
K.S.GROUP OF INSTITUTIONS
K.S. INSTITUTE OF TECHNOLOGY
 14, Raghuvansahalli, Kanakapura Main Road, Bangalore-560109

All the staff & Students are hereby informed that our College Annual Athletic Meet 2018-19 will be held on 16th March 2019, at **UCPE, Ground Jnana Bharathi Bengaluru University**, from 8 am to 4 pm. All the staff & Students are informed to participate & make Athletic Meet a grand success.

List of Events

Sl. No.	MEN	WOMEN	Events for Staff	
01	100 Meters Running	100 Meters Running	100 Meters Running	Men & Women (Above 40 years age category)
02	200 Meters Running	200 Meters Running	100 Meters Running	Men & Women (Below 40 years age category)
03	400 Meters Running	400 Meters Running	Shot Put	Men & Women
04	800 Meters Running	800 Meters Running	Discus Throw	Men & Women
05	1500 Meters Running	4 x 100 Meters Relay	Tug of war	Men & Women (10 members of a team KSIT V/S KSSEM)
06	4 x 100 Meters Relay	Shot Put		
07	Shot Put	Discus Throw		
08	Discus Throw	Long Jump		
09	Long Jump			

NOTE:

- The inauguration of the athletic meet shall be at 9 am .
- Interested students should register their names with Physical Education Director
- For further clarifications contact Physical Education Department..



Cultural Activities:**K.S.INSTITUTE OF TECHNOLOGY, BENGALURU
REPORT ON ANANYA CULTURAL FEST – 2019**

Date:1/4/2019

The first meeting was held on 28/9/2018 by cultural committee and sixteen students' coordinators to conduct auditions for college fashion and dance team, the auditions were held for the same on 4/10/2018, the identified faculty members from all departments were invited as judges. A total of 36 students (19 for fashion and 17 for dance) took part in auditions and 26 students (14 for fashion and 12 for dance) were shortlisted based on the marks from the judges. The results were displayed on the college notice board. Subsequently, regular meeting were held to progress and finalize the date for conduction of ANANYA-2019. Finally on 19/3/2018 date for organizing college fest was finalized as 30th March 2019, Saturday, in the meeting with Principal, all department HODs, Cultural committee and student coordinators.

The complete blueprints about the events were designed by the cultural committee members in consultation with students' coordinators and the same was submitted to the principal for approval. The budget requirement was prepared separately by the cultural committee and was submitted to the principal for approval. A sum of around Six Lakh was approved by the higher-ups. To carry on the work a total of eighty students from all departments were identified who worked as coordinators, in creative team, and as volunteers. Sixteen students worked in core committee and fourteen students worked in creative team, both for about a month, and fifty students worked for about one week as volunteers.

"Media" was the theme of Ananya cultural fest 2019 was conducted on 30th March 2019 in the college premises. It was a weeklong programme started from 25th March 2019.

The name Ananya means different which is synonym to different spheres of life like music, sculpture, dance, painting and other art forms. Ananya provides an opportunity to bring out talents and also in developing the personality of the students. It was also about bringing out and celebrating the art and cultural heritage of the country.

The programme was inaugurated by eminent personalities from the field of theater, film industry and Media, Mr. Gaurish Akki, a well-known TV anchor, producer, actor, Ms. Sonu Gowda, a popular multi-lingual film actor, Mr. Kari Subbu, Kannada film producer, theatre and film actor, Mr.

SubramanyaS Hadige, Power TV anchor, Mr.G.D. Naidu, Auditor KammavariSangham, Mr. Ramachandra Naidu, Ex-President KammavariSangham.

The president of KammavariSangham Sri Y.Ramachandra Naidu presided over the function, Hon Secretary SriK.Venkatesh Naidu graced the occasion and other directorsKammavariSangham, also graced the occasion and Principal/Director Dr.T.V.Govindaraju welcomed the gathering.

The main attraction was the film actor Garuda Ram who has enacted as one of the villain in KGF a kannada blockbuster movie.His dialogue delivery from the same movie on the dais evoked a great applause from the cheering crowd.

Students from various departments were felicitated for their outstanding performance at national level competitions like "Smart India Hackathon",organized by MHRD, AICTE, Inter Institutional Inclusive Innovation Center (i4C), and Persistent Systems and "Baja", an intercollegiate design competition run by the Society of Automotive Engineers (SAE). The college magazine was releasedby the dignitaries.

A total of around 24 plus events were organized spread over five days from 10.30 AM to 4.00 PM so as to motivate and facilitate students to participate in events in large number and win cash prizes. Some events like Mr. and Miss KSIT, Gulley Cricket, Treasure hunt, Hogathon, Tug of War, Mehendi, Cooking without Fire, NFS most wanted, Shuttle cock, Rangoli, Face Painting were instant hit and drewmore participants and audiences, which were absolutely fun and entertaining.

As a part of the fest, Ethnic day which was filled with lot of fun and frolic was organized on 28th March, 2019, it was formally inaugurated by HODs of all departments. It was a real celebration day, the mood of the students were ecstatic. Staff and Students wearing different ethnic wear walked on the red carpetcheering the crowd. The crowd swayed and danced to the tamateexhilarating music.

On the D-Day after inauguration,the grand finaleof many onstage events like Kannada Anthakshari, Mr. and Miss KSIT, Group/ Solo Dancing/ Singing were conducted and the event winners were adjudged by distinguished judges. The winners were given away the cash prize and certificates. Various other non-competition events like Fashion show, Mad-ads, Beat boxing, songs from staff and students entertained the cheerful crowd. Lunch was arranged for Guests, Management, Staff and Students.

Around 200 plus students representing various departments took part in the college cultural events and played true to the gallery as well as to their delight. The curtain finally fell on ANAYA-20189

with DJ night where the crowd danced to the hilt. ANANYA-2019 will remain in the hearts of students and make them happy.

In the report it is also worth mentioning about college dance and fashion teams:

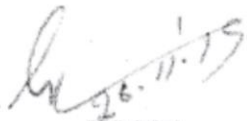
The college Fashion team won 2nd Prize in the inter college festival organized at Jyothi Institute of Technology, Bengaluru on 22/3/2019 and Vemana Institute of Technology on 23/3/2019 respectively. The team participated at various other inter college festivals, to name few colleges like BIT, SIT, RVCE, RNSIT, SJBIT.

Cultural Coordinator


(HARSHAVARDHAN J.R.)

Cultural Committee Members

Prof. Abhishek, Dept. of ME
Prof. Stish, Dept. of TCE
Prof. Christo Jain, Dept. of EC
Prof. Praveen Jois, Dept of BSH


PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

CRITERION 10	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	120
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Total Marks: 117

10.1. Organization, Governance and Transparency (40)

Total Marks: 40
Institute Marks: 40

10.1.1 State the Vision and Mission of the Institute (5)

Institute Marks: 5

Vision

- To impart quality technical education with ethical values, employable skills and research to achieve excellence.

Mission

- To attract and retain highly qualified, experienced and committed faculty.
- To create relevant infrastructure.
- Network with industry and premier institutions to encourage emergence of new ideas by providing research & development facilities to strive for academic excellence.
- To inculcate professional and ethical values among young students with employable skills and knowledge acquired to transform the society.

10.1.2 Governing body, administrative setup, functions of various bodies, service rules, procedures, recruitment and promotional policies (10)

Institute Marks: 10

The Institute is run by Kammavari Sangham (R), which is a multi-activity nonprofit oriented voluntary service organization, providing charitable service to the community and society with a firm belief that quality and meaningful education can lay a strong foundation for bringing about economic and social changes to the lives of many in the society.

The Governing Council that is constituted as per the directives of the Sangham and include the current Office bearers of the Management, four members as nominated by the Management, one nominee each from VTU, DTE and AICTE, CEO as special invitee, and Principal as Member Secretary. The Management includes the President, the Secretary and the Treasurer. The Management has the responsibility of running

all the institutions under the Sangham on a day-to-day basis. They are involved in policy decisions and the approvals in all the financial issues.

The institute has constituted an Academic Advisory Board consisting of a chairman and three eminent members to advise the Management in all the academic matters. The Chief Executive Officer is also the Member Secretary of the Advisory Board and responsible for implementation of the decisions taken by the board and report to the Board.

The Principal / Director is the functional authority for all the academic activities carried out in the institution and achieve the goals. The institute has various departments with Heads of the Department whose roles are multifold. They are responsible for driving the academic as well as non-academic activities in their departments. The HODs are also responsible for the development of both teaching and non-teaching staff in their respective departments.

The Public Relation Officer has got a prominent role in the institution in terms of dealing with stake holders like parents, students etc. He is also responsible for branding of the institution and promoting admissions. The institute has interactions with the industry to provide required training, and creates placement opportunities for students through the Placement and Training Office.

The institution has a well-equipped library with Chief - Librarian and supporting staff. The Office and administrative wing has a Senior Manager guiding the different sections and staff. There is a Staff Hand Book that governs all the HR issues and service rules in the institution. The recruitment of the teaching and non-teaching staff members are as per the prevailing regulations of the regulatory bodies like AICTE and VTU.

1.	Governing council	1.Sri R. Rajagopal Naidu 2.Sri K. Subramanya Naidu 3.Sri.M. Rukmangadha Naidu 4.Sri.B. Lokanadha Naidu 5.Sri K. Venkatesh Naidu 6.Sri R. Leela Shankar Rao 7.Sri T. Neerajakshulu Naidu 8.Regional Officer (EX-Officio) 9.Dr.T.M. Naidu
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		10.Dr. Manjunath. B 11.DTE (Ex-Officio) 12.Prof.Ranganath 13.Sri Vishwanatham Peddi 14.Dr. Dilip Kumar. K 15.Dr.K.V.A. Balaji
2.	Kammavari Sangam Management	1.Sri R. Rajagopal Naidu 2.Dr.M. Rukmangada Naidu 3.Sri B. Lokanadha Naidu 4.Sri R. Leela Shankar Rao 5.Sri V. Rajendra Naidu 6.Sri S. Venugopal Naidu 7.Sri T. Neerajakshulu Naidu 8.Sri M. Yogamurthy 9.Sri N. M. Krishnamurthy 10.Sri A. V. Nagaraj 11.Sri N. Krishnama Naidu 12.Sri D. Jagadish Kumar 13.Sri T. N. Manjunath 14.Sri M. Sudhakar 15.Sri G. Ramana Babu 16.Sri G. V. Ramesh 17.V. Ramesh Kumar 18.Sri J. M. Chandra Shekar (Babu) 19.Sri P. Prabhakar Naidu
3.	Chief Executive Officer	Dr. K. V. A. Balaji
4.	Academic Advisory Board	1.Dr.H. P Khincha 2.Dr.K.N. Balasubramanya.Murthy 3.Prof.Y.N. Srikant 4.Dr. Shyam Vasudevarao 5.Dr.K.V.A. Balaji
5.	Principal/Director	Dr. Dilip Kumar. K
6.	Head of the Department	1.Dr. Rekha. B. Venkatapur 2.Dr. P N Sudha 3.Dr. Umashankar M 4.Dr. Chanda V Reddy 5.Dr. Ram P. Rustagi 6.Mr. Sunil Kumar N
7	Chief Librarian	Dr. V. Bharathi
8	Placement and Training officer	Dr. Harish. R
9	Public Relationship Officer	Dr. Sangappa S B
10	Senior Manager	Mr. Y. V. Kesavan

11	Hostel Warden	Mr. Balakrishna
12	Transport In Charge	Mr. B. Ramana Reddy
13	PED	Mr. Umesh S Gowda

Governing Council (New)

Sl. No	Name	Designation	Profession	Contact Number
1	Sri. R. Rajagopal Naidu	Chairman-President Kammavari Sangham	Business	9448462299
2	Sri. K. Subramanyam Naidu	Member	Business	9880804000
3	Sri. M. Rukmangada Naidu	Member	Business	9448087783
4	Sri. B. Lokanadh Naidu	Member	Business	9845395789
5	Sri. K. Venkatesh Naidu	Member	Business	9845136097
6	Sri. R. Leela Shankar Rao	Member	Business	9845103000
7	Sri. T. Neerajakshulu Naidu	Member	Business	90080099999
8	Regional Director, AICTE	Ex-officio Member	Regional Director	-
9	Directorate of Technical Education	Ex-officio Member	DTE	-
10	Dr. T. M. Naidu	Member	DRDO	-
11	Dr. Manjunath B	Member- VTU Nominee	Principal (NHCE)	-
12	Prof. Ranganath	Member	Principal (AACE)	-
13	Sri. Vishwanatham Peddi	Member	Director (Mind Tree)	9844033990
14	Dr. K. V. A. Balaji	Special invitee	CEO, KSGI	9449011552
15	Dr. K. Dilip Kumar	Member Secretary	Principal/Director, KSIT	9663778001

Governing Council (Old)

Sl. No	Name	Designation	Profession	Contact Number
1	Sri. Y. Ramachandra Naidu	Chairman-President Kammavari Sangham	Business	9448110297
2	Directorate of Technical Education	Ex-officio Member	DTE	-
3	Regional Director, AICTE	Ex-officio Member	Regional Director	-
4	Sri. B. Venkat Satish	Member- VTU Nominee	Architect	-

5	Sri. K. Subramanyam Naidu	Member	Business	9880804000
6	Sri. R. Rajagopal Naidu	Member	Business	9448462299
7	Sri. S. R. Naidu	Member	Business	9449820704
8	Dr. G. Ranganath	Member	Business	9443260071
9	Sri. K. Venkatesh Naidu	Member	Business	9845136097
10	Sri. D. Rukmangada	Member	Business	9343625256
11	Dr. K. V. A. Balaji	Special Invitee	CEO, KSGI	9449011552
12	Dr. T. V. Govindaraju	Member Secretary	Principal/Director, KSIT	9663778001

Kammavari Sangham Management (New)

Sl. No	Name	Designation	Category	Contact Number
1	Sri. RajGopal Naidu	President	Member	9448462299
2	Dr. M Rukmangada Naidu	Vice President	Member	9448087783
3	Sri. B. Lokanadha Naidu	Vice President	Member	9845395789
4	Sri. R. Leela Shankar Rao	Hon. secretary	Member	9845103310
5	Sri. V. Rajendra Naidu	Joint Secretary	Member	9845169567
6	Sri. S. Venugopal Naidu	Joint Secretary	Member	9900161018
7	Sri. T. Neerajakshalu Naidu	Treasurer	Member	9008009999
8	Sri. M. Yogamurthy	Internal Auditor	Member	9845105446
9	Sri. N. M. Krishna Murthy	Chairman, Finance Committee	Member	9845020976
10	Sri. A.V. Nagaraj	Chairman, Building Committee	Member	9886644259
11	Sri. N. Krishnama Naidu	Chairman, Hostel Committee	Member	9845035737
12	Sri. D. Jagadish Kumar	Chairman, Transport Committee	Member	9886054540
13	Sri. T.N. Manjunath	Chairman, Environment Committee	Member	-
14	Sri. M. Sudhakar	Chairman, Legal Cell	Member	9886063456
15	Sri. G. Ramana Babu	Director	Member	9980007748
16	Sri. G. V. Ramesh	Director	Member	9845003123
17	Sri. V. Ramesh Kumar	Director	Member	9341219005
18	Sri. J. M. Chandra Shekar	Director	Member	9845249717
19	Sri. P Prabhakar Naidu	Director	Member	7349414076

Kammavari Sangham Management (Old)

Sl. No	Name	Designation	Category	Contact Number
1	Sri.Y.Ramachandra Naidu	President	Member	9448110297
2	Sri.T.Ramachandra Naidu	Vice President	Member	9845009484
3	Sri.K.Shiva Rao	Vice President	Member	9008004599
4	Sri.K.Venkatesh Naidu	Secretary	Member	9845136097
5	Sri.B.Lokanadha Naidu	Joint Secretary	Member	9845395789
6	Sri.R.Leela Shankar Rao	Joint Secretary	Member	9845103310
7	Sri.D.Rukmangada	Treasurer	Member	9343625256
8	Sri.L.Krishnamurthy	Internal Auditor	Member	9448389535
9	Sri.M.Yogamurthy	Chairman, Finance Committee	Member	9845105446
10	Sri.T.Neerajakshalu Naidu	Chairman, Hostel Committee	Member	9008009999
11	Sri.N.Krishnama Naidu	Chairman, Building Committee	Member	9845035737
12	Sri D.Jagadish Kumar	Chairman, Hospital Committee	Member	9886054540
13	Sri.M.Sudhakar	Chairman, Legal Cell	Member	9886063456
14	Sri. P.B.Prakash Kumar	Chairman, Transport Committee	Member	9341222899
15	Sri. M.N.Padmanabha	Director	Member	9972999333
16	Sri. T.Kumar	Director	Member	9916069626
17	Sri. N.M.Krishnamurthy	Director	Member	9845020976
18	Sri. A.V.Nagaraj	Director	Member	9886644259
19	Sri. M.C.Varadaraja	Director	Member	9844034650

Management Committee Meeting details (few recent meeting samples):

Date of the meeting	Members present
15-02-2020	Sri.Y.Ramachandra Naidu Sri.T.Ramachandra Naidu Sri.K.Subramanyam Naidu Sri.B.Lokanadha Naidu Sri.R.Leela Shankar Rao Sri.R.Rajagopal Naidu Sri.S.R.Naidu Sri.K.Venkatesh Naidu Sri.D.Rukmangada Sri.L.Krishnamurthy Sri.T.Neerajakshalu Naidu Sri.N.Krishnama Naidu Sri D.Jagadish Kumar Sri. A.V.Nagaraj Sri. M.C.Varadaraja
28-02-2019	Sri.Y.Ramachandra Naidu Sri.T.Ramachandra Naidu Sri.B.Lokanadha Naidu Sri.R.Leela Shankar Rao Sri.R.Rajagopal Naidu Sri.S.R.Naidu Sri.K.Venkatesh Naidu Sri.D.Rukmangada Sri.M.Yogamurthy Sri.L.Krishnamurthy Sri.T.Neerajakshalu Naidu Sri.N.Krishnama Naidu Sri D.Jagadish Kumar Sri. A.V.Nagaraj Sri. M.C.Varadaraja

Governing Council Meeting details (Few meeting samples):

Date of the meeting	Members present
05-11-2019	Sri.Y.Ramachandra Naidu Sri.K.Subramanyam Naidu Sri.R.Rajagopal Naidu Sri.S.R.Naidu Sri.K.Venkatesh Naidu Sri.M.Sudhakar Sri. M.N.Padmanabha Sri. A.V.Nagaraj Dr. G Ranganath Sri.D.Rukmangada Sri. P.B.Prakash Kumar Dr.K.V.A.Balaji Dr.T.V.Govindaraju

6-10-2018	Sri.Y.Ramachandra Naidu Sri.B.Venkat Satish Sri.K.Subramanyam Naidu Sri.R.Rajagopal Naidu Sri.S.R.Naidu Sri.K.Venkatesh Naidu Dr.K.V.A.Balaji Dr.T.V.Govindaraju
3-11.2017	Sri.Y.Ramachandra Naidu Sri.K.Subramanyam Naidu Sri.R.Rajagopal Naidu Sri.S.R.Naidu Sri.K.Venkatesh Naidu Sri.D.Rukmangada Dr.T.V.Govindaraju
26-09-2016	Sri.Y.Ramachandra Naidu Sri.K.Subramanyam Naidu Sri.R.Rajagopal Naidu Sri.S.R.Naidu Sri.K.Venkatesh Naidu Sri.D.Rukmangada Dr.T.V.Govindaraju

10.1.3 Decentralization in working and grievance redressal mechanism (10)

Institute Marks: 10

Decentralization:

The institution is governed at different levels. The responsibility of the day to day running of the institution

is decentralized into the following levels:

- 1.Governing Council
- 2.Management
- 3.Principal
- 4.Head of the Department
- 5.Faculty
- 6.Students

The Governing Council meets as and when required, but at least once in a year to review the progress made and also give a direction to the Management while approving the programs and proposals received from the stakeholders.

The Management after obtaining the approvals for the various programs envisaged, implements the same keeping in view the procedures for such implementation. The

Management is vested with the responsibility of taking all the financial decisions and negotiation.

The **Principal/Director** ensures that the college curriculum is academically viable and consistent with college objectives as well as the affiliating University directives. The principal conducts regular meetings with all the Heads of the departments regarding academic activities, adherence to the university/institute academic calendar, student's progress, placement and training issues, research and extension activities, industry institution interaction, consultancy assignments, alumni interaction etc.

The primary role of the **Head of the Department** is to provide strong leadership. HOD will be responsible for planning academic strategy for the development of the department in line with the strategic plans of the institution. The HOD drives the department on a day-to-day basis and is responsible for work allotment, Time Table, complying with the academic calendar, teaching, supervising the other staff and assessment.

Faculty are given representation in different committees/cells and required to direct different programs. They are encouraged to develop administration skills by being in control of different scholastic, co-curricular, and extracurricular exercises. They act as a bridge between the administration and students.

Students are the main stakeholders who are encouraged to play an active role in the management through representation as class representatives and as members of various committees.

Anti-Sexual Harassment Committee, Grievance Redressal Committee, Anti Ragging Committee are some of the committees that exists in the college. The names of committee members with their contact numbers are displayed on notice boards/website for the information of stake holders. If any grievance is reported, it is addressed to the convener of the committee who will take up the matter with the principal and follow up the matter until proper action is taken. Following are the list of various committees.

ASH Committee Composition:

Sl.No	Name of the Member	Designation	Category
1	Dr. Chanda. V. Reddy	Professor & Head	Chief. Coordinator
2	Dr. Girish. T. R	Assoc. Professor, MED Dept	Chief. Coordinator
3	Ms. Nirmala L	Asst. Professor, MED Dept	Dept. Coordinator
4	Ms. Sangeetha V	Asst. Professor, ECE Dept	Dept. Coordinator
5	Ms. Vijaylaxmi Mekali	Asst. Professor, CSE Dept	Dept. Coordinator
6	Mr. Harshavardhan. J. R	Asst. Professor, CSE Dept	Dept. Coordinator
7	Ms. M. Vasantha	Asst. Librarian, Library Dept	Coordinator
8	Kirthika Jagannath	Student, CSE	Student Coordinator
9	Likitha	Student, ECE	Student Coordinator
10	Prathana Amar	Student, ME	Student Coordinator
11	Harshitha H	Student, TCE	Student Coordinator
12	Sai Shirisha S B	Student, BS&H	Student Coordinator

Grievance Committee Composition:

Sl.No	Name of the Member	Designation	Category
1	Dr. Dilip Kumar K	Principal	Chairperson
2	Dr. Devika B	Asst. Professor. TCE Dept	Member
3	Prof. K Prasad	Asst. Professor, ME Dept	Member
4	Prof. Saleem	Asst. Professor, ECE Dept	Member
5	Prof. Roopesh Kumar	Asst. Professor, CSE Dept	Member
6	Prof. Sanjoy Das	Asst. Professor, CSE Dept	Member
7	Sanjay V	Student, MECH	Member
8	Meghana Gowda	Student, ECE	Member
9	Indrajith	Student, CSE	Member

Anti-Ragging Committee Composition:

Sl.No	Name of the Member	Designation	Category
1	Dr. Girish. T. R	Assoc. Professor, MED Dept	Chief. Coordinator
2	Dr. Surekha Borra	Professor, ECE Dept	Dept. Coordinator
3	Dr. Sangappa S B	Professor, ECE Dept	Dept. Coordinator
4	Mr. K. Venkata Rao	Asst. Professor, CSE Dept	Dept. Coordinator

5	Mr. Harshavardhan. J. R	Asst. Professor, CSE Dept	Dept. Coordinator
6	Dr. Manju V.C, TCE	Professor, TCE Dept	Dept. Coordinator
7	Ms. Neelam Patil Radhika	Asst. Professor, BS&H Dept	Dept. Coordinator
8	Ms. M. Vasantha	Ass. Librarian, Library Dept	Coordinator
9	Mr. Umesh S	PED, Dept	Coordinator
10	Mr. A. Balakrishna Naidu	Warden, Boy's Hostel	Coordinator
11	Darshan G	Student, ME	Student Coordinator
12	Sirisha M	Student, ME	Student Coordinator

10.1.4 Delegation of financial powers (10)

Institute Marks: 10

Financial powers delegated to Principal and HOD's:

Designation	Facility	Amount
Principal	Imprest amount	Upto 10000/- through cash voucher
HOD's	Imprest amount	Upto 5000/- through cash voucher

Financial powers delegated to the relevant in-charges:

Dept	Faculty	Activity type	Bank Account No.	Bank Name
CSE	Principal & Mrs. Deepa. S. R	CSI account	149010100059322	Andhra Bank
CSE	Principal & Mr. Pradeep Kumar. G.H	Smart India Hackathon	149010100070875	Andhra Bank
ECE	Principal & Dr. Santosh Kumar. B. R	IEEE Account	149010100054576	Andhra Bank
ME	Principal & HOD	SAE Account	149010100038709	Andhra Bank
TCE	Principal & Dr. Chanada. V. Reddy	IETE Account	149010100074011	Andhra Bank

10.1.5 Transparency and availability of correct/unambiguous

information in public domain (5)

Institute Marks: 5

(Information on policies, rules, processes and dissemination of this information to stakeholders is to be made available on the web site)

Staff Rule Book: http://ksit.ac.in/img/about/staff_handbook_2018.pdf

Code of Conduct: http://ksit.ac.in/img/about/code_of_conduct.pdf

10.2 Budget Allocation, Utilization, and Public Accounting at Institute level (30)

Total Marks: 29

Institution Marks: 29

Summary of current financial year's budget and actual expenditure incurred (for the institution exclusively) in the three previous financial years.

Total Income at Institute level: For CFY, CFYm1, CFYm2 & CFYm3

For 2020-21

Total Income: 1572.08 (In Lakhs)				Actual expenditure: (In Lakhs) 981.75			Total No. of students: 1298
Fee (Rupees in Lakhs)	Govt	Grant(s) (Lakhs)	Other Sources (specify)	Recurrin g including Salaries	Non- recurrin g	Special Project s/Any other, specify	Expenditur e per student (In Lakhs)
1514.51	NIL	ISTE- 1.87	Academic receipts, Bank Interest-55.7	972.12	9.63		0.756

For 2019-20

Total Income: 1725.49 (In Lakhs)		Actual expenditure: (In Lakhs) 1284.05		Total No. of students: 1352

Fee (Rupees in Lakhs)	Govt .	Grant(s) (Lakhs)	Other Sources (specify)	Recurring including Salaries	Non-recurring	Special Project s/Any other, specify	Expenditure per student (In Lakhs)
1679.77	NIL	ISTE-1.56	Academic receipts, Bank Interest-44.16	1125.45	158.57		0.95

For 2018-19

Total Income: 1710.13 (In Lakhs)				Actual expenditure :1513.72 (In Lakhs)			Total No. of students: 1477
Fee (Rupees in Lakhs)	Govt .	Grant(s) In Lakhs	Other Sources (specify) In Lakhs	Recurring including Salaries In Lakhs	Non-recurring	Special Project s/Any other, specify	Expenditure per student (In Lakhs)
1661.02	NIL	ISTE/KE SCST=0.63	FD Interest=48.48	1108.56	405.15	NIL	1.025

Items	Budget ed in 2020-2021	Actual expenses in 2020-2021	Budgeted in 2019-2020	Actual expenses in 2019-2020	Budgete d in 2018-2019	Actual Expenses 2018-2019
Infrastructure Built-Up	2.85	.385	5.0	131.5	400.60	349.82
Library	13.7	12.01	13.80	12.54	14.0	12.60
Laboratory equipment	62.57	8.81	74.40	12.21	63.38	37.06

Laboratory consumables	5.51	4.08	3.75	7.9	3.98	8.06
Teaching and non-teaching staff salary	950	769.90	936.0	853.7	836.00	847.32
Maintenance and spares	25.43	22.95	41.76	36.65	14.4	48.86
R&D	2.02	.53	5.0	2.23	5.0	5.67
Training and Travel	22.23	8.8	30.26	24.68	38.65	31.97
Miscellaneous expenses *	233.02	36.35	179.80	62.81	142.45	69.31
Others	120.65	117.83	139.51	139.70	130.95	103.04
Total	1437.9	981.75	1429.27	1284.05	1649.41	1513.72

10.2.1 Adequacy of budget allocation (10)

Institute Marks: 10

(The institution needs to justify that the budget allocated during assessment years was adequate)

Financial year	Requested budget (in Lakhs)	Approved budget (in Lakhs)	Adequate / Not adequate
2020-21	1437.98	1200.00	Adequate
2019-20	1429.27	1400.00	Adequate
2018-19	1649.41	1600.00	Adequate

Allocated budget for the assessment years is found adequate in meeting the academic and other requirements of all the branches in the institution.

10.2.2 Utilization of allocated funds (15)

Financial year	Approved budget (in Lakhs)	Actual expenditure (in Lakhs)	Percentage of utilization	Justification
2020-21	1200	981.75	81.8%	Budget has been utilized within the sanctioned fund meeting the requirement by all the departments and institutional requirement
2019-20	1400.00	1284.05	91.71%	Budget has been utilized within the sanctioned fund meeting the requirement by all the departments and institutional requirement
2018-19	1600.00	1513.7	94.61%	Budget has been utilized within the sanctioned fund meeting the requirement by all the departments and institutional requirement
2017-18	1550.00	1483.35	95.7%	Budget has been utilized within the sanctioned fund meeting the requirement by all the departments and institutional requirement
2016-17	1600.00	1553.51	94.59%	Budget has been utilized within the sanctioned fund meeting the requirement by all the departments and institutional requirement

Expenditure made against budget during the assessment years was adequate and departmental requirements are fulfilled.

10.2.3 Availability of the audited statements on the institute's website (5)

Institute Marks: 5

(The institution needs to make audited statements available on its website)

Audit Statement: http://ksit.ac.in/img/about/audit_statement_2019-2020.pdf

Our institution is a private self-financing and not received grant from state Government / Central Government / any other sources. All expenditure is managed from the student fees only. However, every year the institution will be audited by an auditor and audited statements are available on website and will be made available to the concerned authorities.

10.3 Program Specific Budget Allocation, Utilization (30)

Total Marks: 28

Total Budget at program level: For CFY, CFYm1, CFYm2 & CFYm3

For CFY 2020-21				
Total Budget: 1609000.00		Actual Expenditure 1036544.86		Total No. of Students: 454
Non-Recurring	Recurring	Non-Recurring	Recurring	Expenditure Per Student
880000.00	729000.00	927759.86	108785.00	2283.13

For CFY 2019-20				
Total Budget: 2189000.00		Actual Expenditure 1864028.00		Total No. of Students: 427
Non-Recurring	Recurring	Non-Recurring	Recurring	Expenditure Per Student
1770000.00	419000.00	1551243.00	312785.00	4365.4

For CFY 2018-19				
Total Budget: 998000.00		Actual Expenditure 870035.00		Total No. of Students: 440
Non-Recurring	Recurring	Non-Recurring	Recurring	Expenditure Per Student
675000.00	323000.00	677152.00	192883.00	1977.3

Department Budget and actual expenditure

Items	Budgeted in CFY 2020-21	Actual expenses in CFY 2020-21	Budgeted in CFYm1 2019-20	Actual expenses in CFYm1 2019-20	Budgeted in CFYm2 2018-19	Actual expenses in CFYm2 2018-19
Laboratory equipment	325000.00	618760.00	810000.00	612849.00	615000.00	622672.00
Software	-	303999.86	800000.00	817448.15	0.00	0.00
Laboratory Consumables	100000.00	18243.00	90000.00	40845.00	40000.00	56052.00
Maintenance and spare	62000.00	53792.00	27000.00	2598.00	27000.00	7499.00
R & D	100000.00	-	165000.00	120945.85	65000.00	70080.00
Training and Travel	444000.00	41750.00	296000.00	268342.00	250000.00	112732.00
Miscellaneous expenses	2000.00	-	1000.00	1000.00	1000.00	1000.00

Total	1609000 .00	1036544.8 6	2189000.0 0	1864028.0 0	998000.0 0	870035.0 0
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10.3.1. Adequacy of budget allocation (10)

Institute Marks: 10

Financial year	Requested budget (in Rs)	Approved budget (in Rs)	Adequate/ Not adequate
2020-21	16,09,000	12,00,000	Adequate
2019-20	21,89,000	20,00,000	Adequate
2018-19	9,98,000	9,00,000	Adequate

10.3.2. Utilization of allocated funds (20)

Institute Marks: 18

Financial Year	Approved budget (In Rs)	Actual Expenditure (In Rs)	Percentage of utilization	Justification
2020-21	12,00,000.00	10,36,544.86	86.37%	Budget has been utilized within the sanctioned fund meeting the requirement of the department
2019-20	20,00,000	18,64,028	93.20%	Budget has been utilized within the sanctioned fund meeting the requirement of the department
2018-19	9,00,000	8,70,035	96.67%	Budget has been utilized within the sanctioned fund meeting the requirement of the department

10.4 Library and InternetTotal Marks: 20
Institute Marks: 20**10.4.1 Quality of learning resources (hard/soft)**

Institute Marks: 10

Availability of relevant learning resources including e-resources and Digital Library

Zero Deficiency Report: Received for all the assessment years.

All India Council for Technical Education

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APPROVAL PROCESS 2020-21

Application Deficiency Report

DEFICIENCY REPORT AS PER APPLIED INTAKE (Applicable for Existing Institutions only)

Regional Office	South-West	Overall Deficiency of Institution:	No
Application ID	1-7007431574	Permanent ID	1-4653721
Name of the Institution	K.S.Institute Of Technology	Address	#14,Raguvanahalli, Kanakapura Main Road,Bangalore - 560 062.
City/Village	Bangalore	District	Bangalore Urban
State	Karnataka	PIN	560062

Director/Principal Details

Designation	Name	Appointment Type	Qualification	PhD	Qualified as per AICTE Norms (YES/NO)
Director/Principal	Govindaraju T.V	Regular	B.E, M.E,	Yes	Yes

Other Details

Sr. No.	Particulars	Status Provided by the Institution	Deficiency
1.	List of Faculty Member and Data Uploaded on the Institution Web Portal	Yes	No
2.	Are all Approved Teaching Faculty Member being Paid as per Present Pay Scale/Commission?	Yes	No
3.	Whether institution is Operating from Permanent Site?	Yes	No
4.	Fees to be Charged, Reservation Policy, Admission Policy and Document Retention Policy are Uploaded In Institution's Website?	Yes	No
5.	Courses/Approved Intake Displayed at the Entrance of the Institution?	Yes	No

Anti-Ragging Related Deficiency Status

Sr. No.	Particulars	Status Provided by the Institution	Deficiency
1.	Constitution of Anti-Ragging Committee	Yes	No
2.	Constitution of Anti-Ragging Squad	Yes	No
3.	Undertaking Obtained from all Students	Yes	No
4.	Appointment of Counselors	Yes	No
5.	Undertaking Obtained from Parents of all the Students	Yes	No
6.	Undertaking Obtained from Students Staying In Hostel	Yes	No
7.	Undertaking Obtained from Parents of Students Staying In Hostel	Yes	No

Ombudsman Related Deficiency Status

Sr. No.	Particulars	Status Provided by the Institution	Deficiency
1.	Grievance Committee	Yes	No

Institution Level Faculty Member

Sr. No.	Particulars	Actual No.	Required No. as per CI	Deficiency
1.	Total Faculty(UG+PG+Diploma)	113	113	No

Date of Signature(dd/mm/yyyy)

Seal of Institution

Name & Signature of Director/Principal

Application Deficiency Report



Application Status: Submitted
Application Sub-Status: Payment Received

Report Generated on :-09/03/2020

<u>Administrative Area</u>				
Sr. No.	Particulars	Actual Room Area (Sq.m.)	Expected Room Area (Sq.m.)	Deficiency
1.	Board Room	48	20	No
2.	Department Offices/Cabin for Head of Dept	231	100	No
3.	Central Store	83	30	No
4.	Exam Control Office	112	30	No
5.	Housekeeping	14	10	No
6.	Maintenance	40	10	No
7.	Office All Inclusive	215	150	No
8.	Placement Office	162	30	No
9.	Principal Directors Office	65	30	No
10.	Security	10	10	No
TOTAL		980.00	420.00	

<u>Amenities Area</u>				
Sr. No.	Particulars	Actual Room Area (Sq. m.)	Expected Room Area (Sq. m.)	Deficiency
1.	Boys Common Room	101	75	No
2.	Cafeteria	305.25	150	No
3.	First aid cum Sick Room	83	10	No
4.	Girls Common Room	100	75	No
5.	Stationery Store	63	10	No
TOTAL		652.25	320.00	

<u>Computational Facilities</u>				
Sr. No.	Particulars	Available	Required	Deficiency
1.	Internet Bandwidth	50	48	No
2.	Printers	41	16	No
3.	A1 size Color Printers	0	0	No
4.	Number of PCs In Language lab	20	20	No
5.	Legal Application S/W	27	20	No
6.	Legal System S/W	10	3	No
7.	PCs to Student ratio	565	307	No

<u>Library Facilities</u>				
Sr. No.	Particulars	Available	Required	Deficiency
1.	Volumes	58956	18100	No
2.	Titles	28286	4000	No
3.	Journals	5721	60	No
4.	Library Management Software	1	1	No
5.	Reading Room Seating Capacity	200	150	No
6.	MultiMediaPC	25	10	No

2

Date of Signature(dd/mm/yyyy)

Seal of Institution

Name & Signature of Director/Principal

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Nelson Mandela Marg, Vasant Kunj, New Delhi-110067 Website: <https://www.aicte-india.org>



APPROVAL PROCESS 2019-20

Application Deficiency Report

DEFICIENCY REPORT AS PER CURRENT INTAKE (Applicable for Existing Institutes only)

Regional Office		South-West	
Application Id	1-4261889288	Permanent Id	1-4653721
Name of the Institute	K.S.INSTITUTE OF TECHNOLOGY	Address	#14,RAGUVANAHALLI, KANAKAPURA MAIN ROAD,BANGALORE - 560 062.
City/Village	BANGALORE	District	BANGALORE URBAN
State	Karnataka	Pin	560062

Overall Deficiency of Institute: **No**

Designation	Name	Appointment Type	Qualification	PhD	Qualified as per AICTE norms (YES/NO)
Principal/Director	GOVINDARAJU T.V	Regular	B.E, M.E,	Yes	YES

Other Details

Sr. No.	Details of Requirement	Status provided by the Institute	Deficiency
1	List of faculty and data uploaded on the Institute web portal	Yes	No
2	Are all approved teaching faculty being paid as per VI pay commission?	Yes	No
3	Whether Institute is operating from Permanent Site/ Temporary Site?	Permanent Site	No
4	Fees to be charged, Reservation policy, Admission policy and Document retention policy are uploaded in Institute's Website?	Yes	No
5	Courses/Approved Intake displayed at the entrance of the Institute?	Yes	No

Anti-Ragging Related Deficiency Status

Sr. No.	Details of Requirement	Status provided by the Institute	Deficiency
1	Constitution of Anti-Ragging Committee	Yes	No
2	Constitution of Anti-Ragging Squad	Yes	No
3	Undertaking obtained from all Students	Yes	No
4	Appointment of Counselors	Yes	No
5	Undertaking obtained from parents of all the students	Yes	No
6	Undertaking obtained from students staying in Hostel	Yes	No
7	Undertaking obtained from parents of students staying in Hostel	Yes	No

Ombudsman Related Deficiency Status

Sr. No.	Details of Requirement	Status provided by the Institute	Deficiency
1	Grievance Committee	Yes	No

Total Number of Students in Institute

(I)	No. of Students UG	1680
(II)	No. of Students PG	144
(III)	No. of Students DIPLOMA	0
Total Students (C) (UG+PG+DIPLOMA)		1824

Faculty

Institute Level Faculty

Type	Actual No.	Required No. as per CI	Deficiency
Total Faculty(UG+PG+Diploma)	99	95	No
TOTAL	99.00	95.00	

Administrative Area

Type	Actual Room Area (Sq.m.)	Expected Room Area (Sq.m.)	Deficiency
Principal / Director Office	65	30	No
Board Room	48	20	No
Office All Inclusive	215	150	No
Department Offices/Cabin for Head of Dept	231	80	No
Central Store	83	30	No
Maintenance	40	10	No

Date of Signature(dd/mm/yyyy)

Seal of Institute

Name & Signature of Director/Principal

Application Deficiency Report



Application Status: Submitted
 Application Sub-Status: Payment Received

Report Generated on :-20/02/2019

Security	10	10	No
Housekeeping	14	10	No
Pantry for Staff/Faculty	17	10	No
Exam Control Office	112	30	No
Training Placement Office	162	30	No
TOTAL	997.00	410.00	

Amenities Area			
Type	Actual Room Area (Sq. m.)	Expected Room Area (Sq. m.)	Deficiency
Boys Common Room	101	75	No
Girls Common Room	100	75	No
Cafeteria	305.25	150	No
Stationery Store	63	10	No
First aid cum Sick Room	63	10	No
TOTAL	652.25	320.00	

Computational Facilities			
Type	Available	Required	Deficiency
Internet Bandwidth	50	48	No
Printers	41	16	No
A1 size Color Printers	0	0	No
Number of PCs in Language lab	20	20	No
Legal Application S/W	25	20	No
Legal System S/W	9	3	No
PCs to Student ratio	594	312	No
TOTAL	739.00	419.00	

Library Facilities			
Type	Available	Required	Deficiency
Volumes	49885	18800	No
e-Books Volumes	550	150	No
Titles	19479	4150	No
e-Books Titles	550	525	No
Journals	6178	60	No
Library Management Software	1	1	No
Reading Room Seating Capacity	200	150	No
MultiMediaPC	25	10	No
TOTAL	76868.00	23846.00	

Instructional Area-Common Facilities			
Type	Available	Required	Deficiency
Computer Center	317	150	No
Library & Reading Room	937	460	No
Language Laboratory	100	66	No
TOTAL	1354.00	676.00	

Land Area Details			
Type	Available	Required	Deficiency
Total Area of Land	4.34	0	No
Maximum number of Pieces	1	1	No
Minimum per Piece of Area	4.34	0	No
TOTAL	9.68	1.00	

ENGINEERING AND TECHNOLOGY / Existing Programme				
Type	Level	Actual Room Area (Sq.m.)	Expected Room Area (Sq.m.)	Deficiency
Class Room-Tutorial Room	UNDER GRADUATE	1809	1584	No
Additional Workshop/Labs	UG/PG	446	200	No
Class Rooms - PG	POST GRADUATE	738	165	No
Laboratories-All	UG/PG	2919	2376	No

Date of Signature(dd/mm/yyyy)

Seal of Institute

Name & Signature of Director/Principal

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Page 2 of 6

All India Council for Technical Education

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APPROVAL PROCESS 2018-19

Application Deficiency Report

DEFICIENCY REPORT AS PER CURRENT INTAKE (Applicable for Existing Institutes only)

Regional Office		South-West	
Application Id	I-3515091279	Permanent Id	I-4653721
Name of the Institute	K.S.INSTITUTE OF TECHNOLOGY	Address	#14,RAGUVANAHALLI, KANAKAPURA MAIN ROAD,BANGALORE - 560 062.
City/Village	BANGALORE	District	BANGALORE URBAN
State	Karnataka	Pin	560062

Overall Deficiency of Institute: No

Designation	Name	Appointment Type	Qualification	PhD
Principal/Director	GOVINDARAJU T.V	Regular	B.E, M.E,	Yes

Other Details

Sr. No.	Details of Requirement	Status provided by the Institute	Deficiency
1	List of faculty and data uploaded on the Institute web portal	Yes	No
2	Are all approved teaching faculty being paid as per VI pay commission?	Yes	No
3	Whether Institute is operating from Permanent Site/ Temporary Site?	Permanent Site	No
4	Fees to be charged, Reservation policy, Admission policy and Document retention policy are uploaded in Institute's Website?	Yes	No
5	Course/Approved intake displayed at the entrance of the Institute?	Yes	No

Anti-Ragging Related Deficiency Status

Sr. No.	Details of Requirement	Status provided by the Institute	Deficiency
1	Constitution of Anti-Ragging Committee	Yes	No
2	Constitution of Anti-Ragging Squad	Yes	No
3	Undertaking obtained from all Students	Yes	No
4	Appointment of Counselors	Yes	No
5	Undertaking obtained from parents of all the students	Yes	No
6	Undertaking obtained from students staying in Hostel	Yes	No
7	Undertaking obtained from parents of students staying in Hostel	Yes	No

Ombudsman Related Deficiency Status

Sr. No.	Details of Requirement	Status provided by the Institute	Deficiency
1	Grievance Committee	Yes	No

Total Number of Students in Institute

(I)	No. of Students UG	1680
(II)	No. of Students PG	144
(III)	No. of Students DIPLOMA	0
Total Students (CI) (UG+PG+DIPLOMA)		1824

Faculty

Institute Level Faculty

Type	Actual No.	Required No. as per CI	Deficiency
Total Faculty(UG+PG+Diploma)	102	96	No

Administrative Area

Type	Actual Room Area (Sq.m.)	Expected Room Area (Sq.m.)	Deficiency
Principal / Director Office	65	30	No
Board Room	48	20	No
Office All Inclusive	215	150	No
Department Offices/Cabin for Head of Dept	231	80	No
Central Store	83	30	No
Maintenance	40	10	No
Security	10	10	No
Housekeeping	14	10	No
Pantry for Staff/Faculty	17	10	No
Exam Control Office	112	30	No
Training Placement Office	162	30	No

Amenities Area

Type	Actual Room Area (Sq. m.)	Expected Room Area (Sq. m.)	Deficiency
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Application Deficiency Report



Application Status: Submitted
 Application Sub-Status: Payment Received

Report Generated on :-07/02/2018

Boys Common Room	101	75	No
Girls Common Room	100	75	No
Cafeteria	305.25	150	No
Stationery Store	63	10	No
First aid cum Sick Room	63	10	No

Computational Facilities			
Type	Available	Required	Deficiency
Internet Bandwidth	48	32	No
Printers	38	16	No
A1 size Color Printers	1	0	No
Legal Application S/W	25	20	No
Legal System S/W	9	3	No
PCs to Student ratio	630	316	No

Library Facilities			
Type	Available	Required	Deficiency
Volumes	41755	20300	No
Titles	6019	3700	No
National Journals	39	39	No
Library Management Software	1	1	No
Reading Room Capacity	200	150	No
MultiMediaPC	25	10	No

Instructional Area-Common Facilities			
Type	Available	Required	Deficiency
Computer Center	317	150	No
Library & Reading Room	937	460	No
Language Laboratory	100	66	No

Land Area Details			
Type	Available	Required	Deficiency
Total Area of Land	4.34	0	No
Maximum number of Pieces	1	3	No
Minimum per Piece of Area	4.34	0	No

ENGINEERING AND TECHNOLOGY / Existing Programme				
Type	Level	Actual Room Area (Sq.m.)	Expected Room Area (Sq.m.)	Deficiency
Class Room-Tutorial Room	UNDER GRADUATE	1809	1584	No
Additional Workshop/Labs	UG/PG	446	200	No
Class Rooms - PG	POST GRADUATE	738	99	No
Laboratories-All	UG/PG	2919	2430	No
Workshops - Basic	UG/PG	200	200	No
Drawing Halls	UG/PG	148	132	No
Seminar Hall	UG/PG	764	264	No

Other Facilities			
Sr. No.	Type	Availability	Deficiency
1	All Weather Approach (Motorised Road)	Yes	No
2	Barrier free Environment	Yes	No
3	Electric Supply	Yes	No
4	General Insurance	Yes	No
5	Institution Web Site	Yes	No
6	Standalone Language Laboratory	Yes	No
7	Medical & Counseling	Yes	No
8	Notice Boards	Yes	No
9	Potable Water Supply	Yes	No
10	Safety Provisions	Yes	No
11	Sewage Disposal System	Yes	No
12	Telephone & FAX	Yes	No

Date of Signature(dd/mm/yyyy)

Seal of Institute

Name & Signature of Director/Principal

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Page 2 of 6

Zero Deficiency Report

Library Details

Carpet Area of library	950 sqm.
Reading Space	450 sqm.
Number of seats in reading space	200 No's
Library Timings: Circulation ○ Monday-Saturday	8.30 am - 4.30 pm
Library Timings: Reading Hall ○ Monday-Friday ○ Saturday	8.30 am - 7.30 pm 8.30 am - 4.30 pm
Computerization for search, Indexing and issue /return records	YES (LIBSOFT 9.8.0 - Lib. Automation Software)
Bar-coding used	YES
Library services on Internet/Intranet	Intranet
Consortium Membership	YES (VTU-Consortium, Belagavi)

Digital library:

- 18 Computers with i3 processors, 4GB RAM configured
- Systems are enabled with Internet facility up to 50 Mbps speed

E-Resources Details

Publisher	E-Portal	No. of e-Resources
e-Journals		
➤ Science Direct	https://www.sciencedirect.com/	296 e- Journals
➤ Springer	https://link.springer.com/	690 e- Journals
➤ Taylor and Francis	https://www.tandfonline.com/	555 e- Journals
e-Books		
➤ Springer	https://link.springer.com/	13004 e-Books
➤ Science Direct	https://www.sciencedirect.com/	436 e- Books
➤ Taylor and Francis	https://www.tandfonline.com/	4950 e- Books
➤ McGraw Hill	http://mcgrawhilleducation.pdn.ipublishcentral.com/	505 e- Books
➤ New Age International	https://digital.elib4u.com/	220 e- Books
➤ Packt	https://ksitb.knimbus.com/#/	5002 e- Books

Technology Platform		
➤ Knimbus	https://ksitb.knimbus.com/#/	5700+ e-Journals 10000+ e- Books
➤ Turnitin	https://www.turnitin.com/	Plagiarism Originality Online Check
➤ Sententia	https://sententia.online/	Writing Grammar Tool



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This is certifying that, K. S. Institute of Technology, Bengaluru is the member of VTU-Consortium and this institution is licensed to access the following e-Resources for the year 2020-21.

Sl. No.	e-Resources
1.	Elsevier -Science Direct e-Journals
2.	Springer Nature e-Journals
3.	Taylor and Francis e-Journals
4.	Emerald (Management) e-Journals.
5.	Net Analytik (Sententia-tool)
6.	K-Nimbus (Digital Library Platform and Remote Access Solution)
7.	Turnitin (Similarity check tool)

Note: The Librarian of K. S. Institute of Technology, Bengaluru shall report the undersigned regarding any issues encountered in accessing the above e-Resources. If no issues are reported back, it will be deemed that there are no issues and the institution is accessing all the above resources without any interruptions. However, for further assistance with regard to accessing the databases, the representatives of the respective publishers shall be contacted through a mail with a copy to the coordinator, VTU Consortium.


Co-Ordinator


Registrar

e- Resources License Copy

Library Collections Details

Total No. of Titles: 4980			
Total No. of Volumes: 35735			
Number of Titles and Volumes added for the assessment years			
Year	No. of Titles added	No. of Editions added	No. of Volumes added
CFY 2020-21	47	36	127
CFY1 2019-20	97	86	358
CFY2 2018-19	43	36	165

Library Expenditure details for the assessment years

EXPENDITURE FOR THE ASSESSMENT YEARS				
Year	Books	e-Resources	Periodicals	Total
CFY 2020-21	61,147.00	11,44,000.00	11,857.00	12,17,004.00
CFY1 2019-20	1,49,696.00	11,89,500.00	12,611.00	13,51,807.00
CFY2 2018-19	1,12,743.00	10,61,500.00	80,195.00	12,54,368.00

Accessibility to students

Apart from Print Resources the following e-Resources are also available for the benefit of the staff and students. All these resources are very much relevant to the course curriculum.

E- Journals Package:

- Elsevier Science Direct e-Journals
- Springer Nature e-Journals
- Taylorand Francis e-Journals
- Net Analytiks (Sententia-tool)
- K-nimbus (Digital Library Platform and Remote Access Solution)
- Turnitin (Similarity check tool)

In additions to the above-mentioned resources, Library is also providing links to various Open Access resources along with subscribed e-resources through its website.

URL: <http://ksit.ac.in>.

For the easy access, all the online resources are subscribed as IP Based access subscription. This will help the users to access any resource from any computer connected in the KSIT Campus LAN. In addition to this, Institute is providing Federated Search mechanism through which a user can access all the databases through single search box. This will help the users for searching multiple databases at a stretch. Remote access facility is available for the users.

DSPACE: Access provided to previous year question papers. (From December- 2010)

<http://202.62.79.41:8080/jspui/>

E-resources Usage Statistics

A campus wide access to various e-Resources through Institute IP address has been facilitated. The usage statistics of relevant e-Resources are demonstrated below.

2020

e- Journals		
Science Direct (Jan-Dec)	T &F (Jan-Dec)	Springer (Jan-Dec)
2274	2422	930

e- Books				
Science Direct (Jan-Dec)	McGraw Hill Education (Jan-Dec)	New Age International (Jan-Dec)	Springer (Jan-Dec)	T & F (Jan-Dec)
496	44	751	329	3260

Technology Platform		
Knimbus	Net Analytik / Sententia	Turnitin
564	1401	148

2019

e- Journals		
Science Direct (Jan-Dec)	T &F (Jan-Dec)	Springer (Jan-Dec)
3226	2384	3069

e- Books				
Science Direct (Jan-Dec)	McGraw Hill Education (Jan-Dec)	New Age International (Jan-Dec)	Springer (Jan-Dec)	T & F (Jan-Dec)
61	529	751	1540	1782

Technology Platform		
Knimbus	Net Analytik/ Sententia	Turnitin
2346	1293	39

2018

e-Journals				
IEEE-IEL	Science Direct	Springer	T & F	Pro-Quest
9007	1082	184	1241	1104

e-Books	
Springer	T & F
360	1128

Technology Platform	
Knimbus	123

Support to students for self-learning activities:

Library & Information Centre is supporting the students for self-learning activities. In this process it is subscribing multiple online resources, through which students will get an access to variety of resources to study and learn on their own.

Following resources are also accessible to the students:

- 9000 NPTEL Videos
- 100+ Subjects NPTEL Text Content
- NDLI hosts 60+ types of learning resources like books, thesis, article, audio lectures, video lectures, manuscripts, question papers, web

courses, annual reports, solutions, data set, reports, technical reports, manual, album, monograph, technical manual, law judgments, etc

- 22235 E-Books
- 1493 Project Reports

For the effective use of these self-learning resources Institute Library & Information Centre established an exclusive Digital Library. This center is having 15 multimedia systems, which helps the users in their self-learning activity by accessing the online lectures of experts of their field.

Availability of an exclusive server	YES (Centralized)
Availability over Intranet /Internet	YES (Intranet)

10.4.2. Internet

Institute Marks: 10

Name of the Internet Provider	a) City Online Services Limited: 100MBPS Leased Line b) BBNL: 200MBPS
Availability bandwidth	300 MBPS
Wi-Fi Availability	14 access points
Internet access in labs, classrooms, Library and offices of all departments	LAN Connectivity: LABs, Class Rooms, office of all the departments, Seminar Halls, Conference Hall, Digital Library WLAN Connectivity: Labs of all departments, Dept Office, HOD Rooms
Security Arrangements	Sonic Firewall

PART C

Declaration

The head of the institution needs to make a declaration as per the format given –

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines inforce as on date and the institutes hall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, post visit and subsequent to grant of accreditation.

Date: 10-11-2021

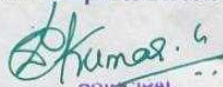
Place: Bangalore

Head of the Institute

Name: Dr. DILIP KUMAR K

Designation: Principal & Director

Signature:


PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY,
BENGALURU - 560 109