Updated SAR

CAY: 2020-2021

CAYm1: 2019-2020

CAYm2: 2018-2019

DEPARTMENT

OF

COMPUTER SCIENCE & ENGINEERING

K. S. INSTITUTE OF TECHNOLOGY

BANGALORE - 560109

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K. S. INSTITUTE OF TECHNOLOGY

COMPUTER SCIENCE & ENGINEERING

PART A - Institutional Information

I. **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,
		Computer Science	

		Mechanical	Kanakapura Main Road, Bengaluru-560109 Karnataka, INDIA
		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
COMUTER SCIENCE AND ENGINEERING	UG	1999	1999	60	YES	120	Applying for first time	-	-	YES	4

Sanctioned intake for Last Five Years for the Computer Science & Engineering

Academic Year	Sanctioned intake
2021-22	120
2020-21	120
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
Computer Science & Engineering	PG	2014	2014	24	YES	18	Not eligible for accreditation	-	-	No	2

Sanctioned intake for Last Five Years for the Computer Science & 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**	**Computer Science & Engineering**
2	**Under Graduate**	**Engineering & Technology**	**Electronics and Communication Engineering**
3	**Under Graduate**	**Engineering & Technology**	**Mechanical 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 - PG	Shift1	Shift2
Engineering and Technology - 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

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	109
3	Course Outcomes and Program Outcomes	120	104
4	Students' Performance	150	111.51
5	Faculty Information and Contributions	200	141.90
6	Facilities and Technical Support	80	69
7	Continuous Improvement	50	46
8	First Year Academics	50	43.57
9	Student Support Systems	50	50
10	Governance, Institutional Support and Financial Resources	120	117
	TOTAL	1000	851.98

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (60) Total Marks 60.00

1.1 State the Vision and Mission of the Department and Institute (5)

Total Marks 5.00

Institute Marks: 5.00

Vision of the Institute	To impart quality technical education with ethical values, employable skills and research to achieve excellence
Mission of the Institute	• To attract and retain highly qualified, experienced & committed faculty. • To create relevant infrastructure. • Network with industry & premier institutions to encourage emergence of new ideas by providing research & development facilities to strive for academic excellence. • To inculcate the professional & ethical values among young students with employable skills & knowledge acquired to transform the society.
Vision of the Department	To create competent professionals in Computer Science and Engineering with adequate skills to drive the IT industry.
Mission of the Department	

Mission No.	Mission Statements
M1	Impart sound technical knowledge and quest for continuous learning.
M2	To equip students to furnish Computer Applications for the society through experiential learning and research with professional ethics.
M3	Encourage team work through inter-disciplinary project and evolve as leaders with social concerns.

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

Total Marks 5.00

Institute Marks: 5.00

PEO No.	Program Educational Objectives Statements
PEO1	Excel in professional career by acquiring knowledge in cutting edge technology and contribute to the society as an excellent employee or as an entrepreneur in the field of Computer Science & Engineering.
PEO2	Continuously enhance their knowledge on par with the development in IT industry and pursue higher studies in Computer Science & Engineering.
PEO3	Exhibit professionalism, cultural awareness, team work, ethics, and effective communication skills with their knowledge in solving social and environmental problems by applying computer technology.

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

Total Marks 10.00
Institute Marks: 10.00

A. Adequacy in respect of publication & dissemination:

The table below shows the location where Vision and Mission are published and disseminated.

SL. NO	LOCATION	INSTITUTION		DEPARTMENT		
		Vision	Mission	Vision	Mission	PEOs
1.	Institute Website http://www.ksit.ac.in	✓	✓	✓	✓	✓
2.	Head of the Department Room	✓	✓	✓	✓	✓
3.	College Newsletter	✓	✓			
4.	Department Newsletter CS-GYANBYTES			✓	✓	✓
5.	Department Seminar Hall			✓	✓	✓
6.	Class Rooms			✓	✓	✓
7.	Lab Manuals	✓	✓	✓	✓	✓
8.	Blue Books	✓	✓			
9.	Faculty Room			✓	✓	✓
10.	Laboratories			✓	✓	✓
11.	Lab Record	✓	✓			
12.	Course Files	✓	✓	✓	✓	✓
13.	Department Library			✓	✓	✓
14.	Department Notice board			✓	✓	✓
15.	CSE R&D Lab			✓	✓	✓
16.	Event Brochures			✓	✓	
17.	HOD's Email communications			✓	✓	
18.	Department – Pinup Board			✓	✓	✓
19.	Student's Attendance register	✓	✓			

Table 1.3.A: Publication & dissemination table

B. Process of dissemination 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 halls, Noticeboards, CSE Research and Development lab, all Laboratories and Department library.
- They are also communicated among all stakeholders during E-mail communication.

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

Vision, Mission and PEOs are disseminated/discussed among stake holders during departmental meetings, employer visits/placement activities, 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 25.00
Institute Marks: 25.00

A: The process to arrive at the Vision and Mission of the department is as follows:

Step 1:

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

Step 2:

Department Advisory Committee (DAC) will review and recommend the draft of Department Vision and Mission by considering views and suggestions by 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:

The approved Vision and Mission of the Department were published.

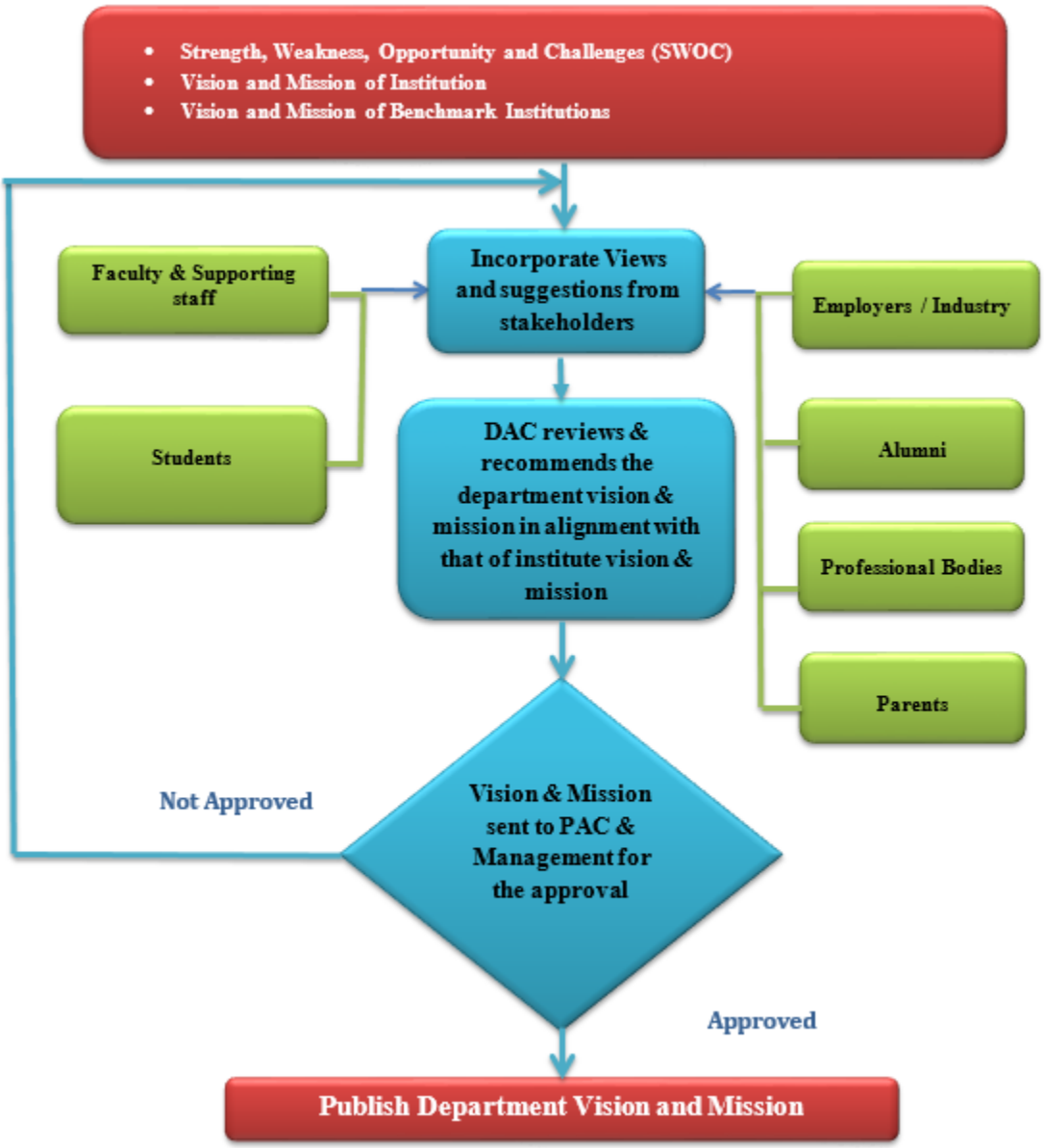


Fig. 1.4.A: Flow chart for defining Vision and Mission

B: The process for defining PEO's of the department is as follows:

Step 1:

- Vision and Mission of Department were 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.

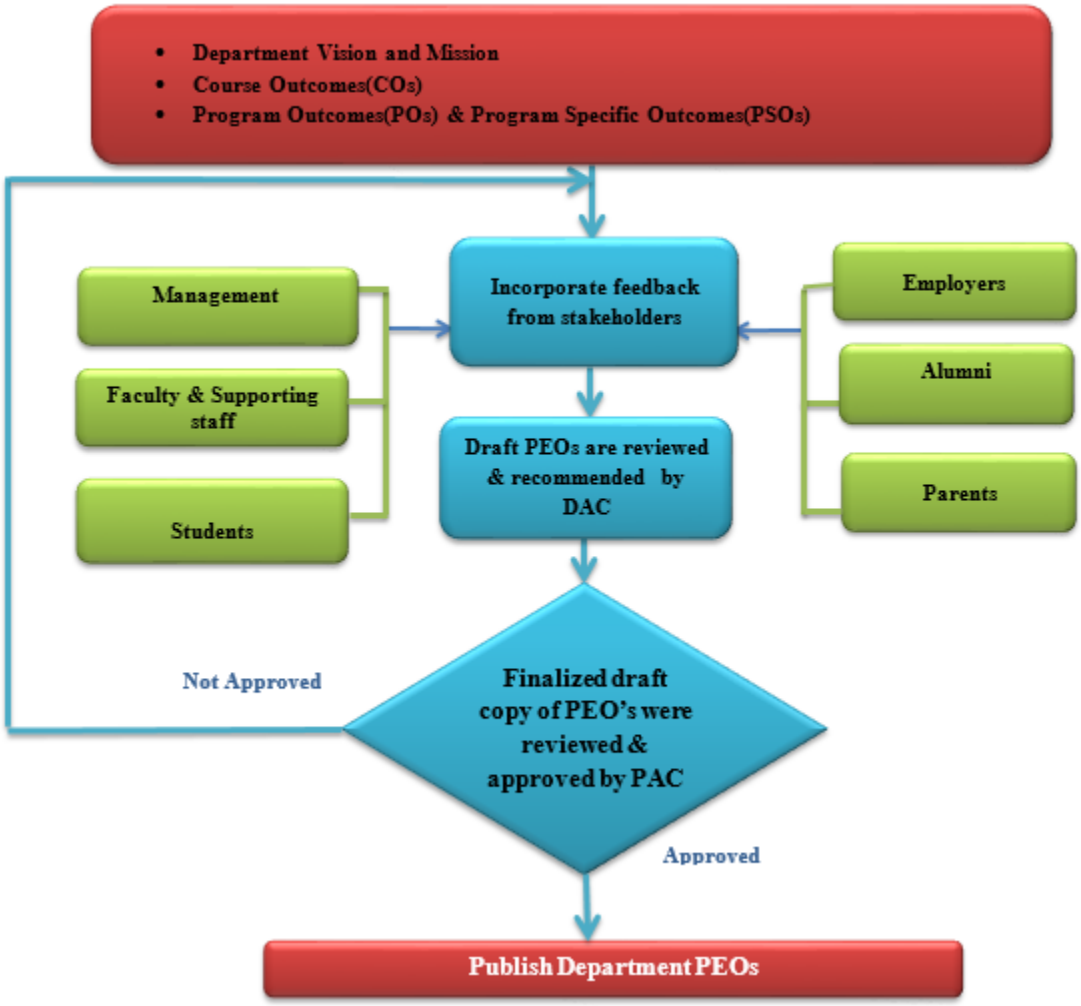
Step 2:

Department Advisory Committee (DAC) will review and recommend 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 by PAC and were published.



1.4B: Flow chart for defining PEOs

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

Total Marks 15.00

Institute Marks: 15.00

	PEOs and Mission statement mapping	
	Mapping	**Justification**
PEO 1 with Mission statements	PEO 1 with M1 - 3	Since our institution is affiliated to VTU, the curriculum is given by the University that is normally revised after every four years or as and when it is warranted by the regulatory bodies. Additional workshops and technical talks are conducted on relevant technologies.
	PEO 1 with M2 - 3	To acquire knowledge in technical education and incorporate professional ethics.
	PEO 1 with M3 – 3	Graduates will work in teams for all Project Exhibitions, Mini Projects, Hackathons, workshops and conferences thereby honing their leadership

		skills.
PEO 2 with Mission statements	PEO 2 with M1 - 3	Since change in technology is imminent in the field of CSE the graduates will get updated through a host of technical events.
	PEO 2 with M2 - 3	Graduates practice basic professional ethics as employees or while pursuing their higher studies. Graduates explore experiential learning for additional inputs.
	PEO 2 with M3 - 3	Graduates work as teams in academic projects and competitions like Hackathons. Graduates exhibit their competence as engineers in multidisciplinary areas to meet the needs of industry through social and environmental concerns.
PEO 3 with Mission statements	PEO 3 with M1 - 3	Graduates exhibit their technical knowledge during the projects & technical seminars, presentations and project demos. Graduates strive to learn continuously to keep abreast of the developments in their respective domains.
	PEO 3 with M2 - 3	Graduates follow ethics while demonstrating their academic outcomes and they develop applications helpful for environment and society.
	PEO 3 with M3 - 3	Graduates show team spirit and leadership qualities to succeed in their professional career while carrying out all their academic activities. Graduates will be able to exhibit their understanding of social concerns in all their academic endeavors.

Table 1.5A: PEOs and Mission statement mapping

PEO Statements	M1	M2	M3
Excel in professional career by acquiring knowledge in cutting edge technology and contribute to the society as an excellent employee or as an entrepreneur in the field of Computer Science & Engineering.	3	3	3
Continuously enhance their knowledge on par with the development in IT industry and pursue higher studies in Computer Science & Engineering.	3	3	3
Exhibit professionalism, cultural awareness, team work, ethics, and effective communication skills with their knowledge in solving social and environmental problems by applying computer technology.	3	3	3

2. PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (120) Total Marks 109.00

2.1. Program Curriculum (20) Total Marks 20.00

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 the syllabus/curriculum of Computer Science and Engineering is followed as per the University guidelines. At the beginning of every batch faculty will go through the university syllabus and prepares CO-PO/PSO mapping for that complete batch and keep it in the Department for course owner's reference. Course owners will go through the CO-PO/PSO mapping available in the department and will improvise if felt necessary at the beginning of every semester.

CO-PO/PSO mapping of all the courses are considered and the number of courses mapping for each PO (T) and the cumulative mapping strength of each PO/PSO (A) are found the total number of core courses (N) offered from one complete batch is identified. The Criterion for identifying curriculum is as follows: each PO needs to be addressed by atleast 15% of total courses(N) and its cumulative mapping strength must be greater than or equal to C=3*15%(N) if either of these conditions are not satisfied then that PO is identified as a gap, and department takes initiatives to bridge the gap by conducting events like Guest Lectures, Workshops, Seminars, Industrial visits etc.

% of Curriculum Gap = [(C-A)/C]*100

Figure 2.1.1.A1 shows the process to identify compliance of university curriculum and calculate curriculum gaps.

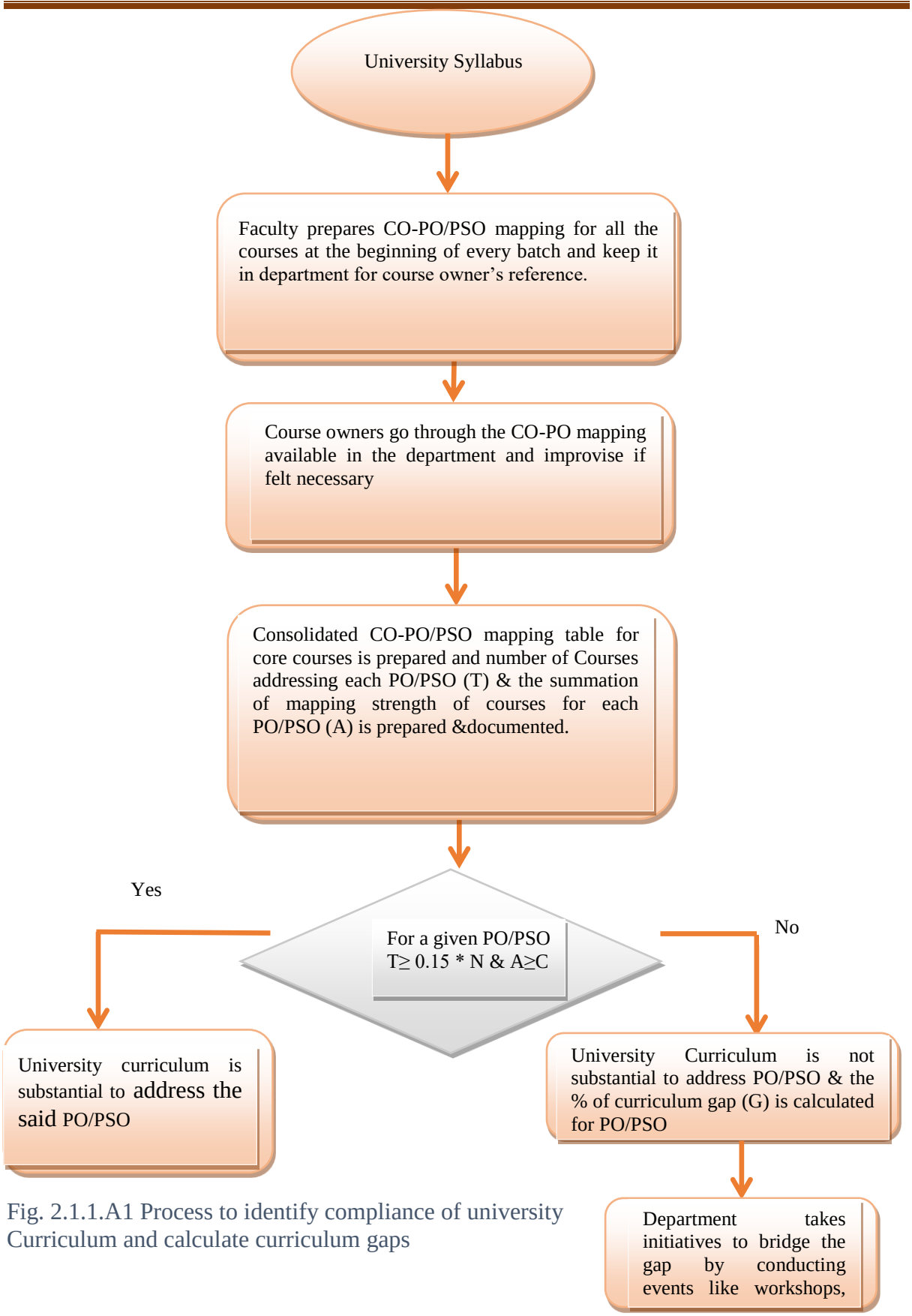


Fig. 2.1.1.A1 Process to identify compliance of university Curriculum and calculate curriculum gaps

Table 2.1.1.A1 Mapping of courses to POs for 2016-2020 Batch

SI.NO	SUBJECT	SUBJECT CODE	PROGRAMME OUTCOMES											
			PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO9	PO 10	PO 11	PO 12
1	Engineering Maths-I	C101/15MAT11	3.00	2.00	1.30									
2	Engineering Physics	C102/15PHY12	2.80	2.00	2.00				2.00					1.80
3	Elements Of Civil Engg. & Mechanics	C103/15CIV13	3.00	3.00	2.00	1.80	1.00	1.00			1.00			1.00
4	Elements Of Mechanical Engg.	C104/15EME14	2.20	1.20				1.00					1.00	
5	Basic Electrical Engg.	C105/15ELE15	3.00	2.00				1.00						
6	Workshop Practice	C106/15WSL16	3.00					2.00			3.00			
7	Engg. Physics Lab	C107/15PHYL17	2.20	2.00	1.60						2.00			1.00
8	Engineering Maths-Ii	C108/15MAT21	3.00	2.20	1.80									

9	Engineering Chemistry	C109/15CHE22	3.00	2.00	1.00	1.00								
10	Programming In C & Data Structures	C110/15PCD23	3.00	2.00	1.00	1.00	2.00							2.60
11	Computer Aided Engineering Drawing	C111/15CED24	2.20	2.80	2.00		2.40							
12	Basic Electronics	C112/15ELN25	3	2	1						1	2		1
13	Computer Programming Lab	C113/15CPL26	3.00	2.00	2.00	1.00	3.00							2.00
14	Engg. Chemistry Lab	C114/15CHEL27	3.00	2.00	1.00									
15	Engg. Mathematics – Iii	C115/15MAT31	3	2	1.2									
16	Analog And Digital Electronics	C201/15CS32	3	3	2									
17	Data Structures And Applications	C202/15CS33	3	3	2									
18	Computer Organization	C203/15CS	3	1.6	1.8									

		34												
19	Unix Shell Programming	C204/15CS35	2.8	2.6	2.4									
20	Discrete Mathematical Structures	C205/15CS36	2	3	2	2								
21	Analog And Digital Electronics Laboratory	C206/15CSL37	3	3	2		3							
22	Datastructures Lab	C207/15CSL38	3	2	2		1							
23	Engg. Mathematics – Iv	C208/15MAT41	3	2.2	1.2									
24	Software Engineering	C209/15CS42	1.2	1.4	1.2	1	1	1.25	1	1.5				1
25	Design An Andalysis Of Algorithms	C210/15CS43	3	2	2									
26	Microprocessors & Microcontrollers	C211/15CS44	3	2.6	2									
27	Object Oriented Concepts	C212/15CS45	2	2	2		1.2							1
28	Data Communication	C213/15CS46	2.8	3	2.6									
29	Design	C2	3	3	3		2							

	And Analysis Of Algorithms Laboratory	14/15 CSL47												
30	Microprocessors & Microcontrollers & Laboratory	C215/15 CSL48	3	2.4	2.4	2								
31	Management And Entrepreneurship For It Industry	C301/15 CS51						1.6	1.2	1.6	1	1	1.3	
32	Computer Networks	C302/15 CS52	3	1.8	1.2									
33	Database Management Systems	C303/15 CS53	1.75	1.4	1.6		2.25							
34	Automata Theory And Computability	C304/15 CS54	3	3	2									
35	Computer Network Laboratory	C305/15 CSL57	3	2	3	2	1							
36	Database Management Systems With Mini Project	C306/15 CSL58	2.8	2.8	2.8		2.8				3	3		2
37	Cryptography, Network Security	C307/15 CS61	3	2	1.8									

	And Cyber Law													
38	Computer Graphics And Visualization	C308/15CS62	1.75	1.4	1.6		2.25							
39	System Software And Compiler Design	C309/15CS63	3	2	2									
40	System Software And Operating System Lab	C310/15CSL67	3	3	3									
41	Operating Systems	C311/15CS64	2.8	2.8	2.6									
42	Computer Graphics Laboratory With Mini Project	C312/15CSL68	3	3	3		3				2.2	2.2		1
43	Web Technology And Its Applications	C401/15CS71	3	3	2	1		1			1			1
44	Advanced Computer Architecture	C402/15CS72	3	3	1									
45	Machine Learning	C403/15CS73	3	2.2	2.6	2.4								
46	Machine Learning	C404/15CS	3	3	2.6	2.6	3							1

	Laboratory	L76												
47	Web Technology Laboratory With Mini Project	C405/15CSL77	3	3	2	1.8	1	1			1		1.5	1
48	Project Work Phase – I + Seminar	C406/15CSP78	2.25	2.66	2	1	1	2.5	1.6	2	2	2.2	2.33	1
49	Internet Of Things Technology	C407/15CS81	1.2	1.8	1.8	1	1	1.5			1	1		
50	Big Data Analytics	C408/15CS82	2	2	3	2	3							2
51	Internship/ Professional Practise	C409/15CS84	3	3	3	2.5	2	2		2	3	3	2	2
52	Project Work Phase – Ii	C410/15CSP85	2.75	2.33	2.66	2.33	2.4	2	1	1.8	3	3	1.8	1.6
53	Seminar	C411/15CSS86	2.8	3		2.75		2	2			3		2
	SUM = A		142.30	120.19	95.76	31.18	41.30	19.85	8.80	8.90	24.20	20.40	9.93	26.00
(Total no. of courses addressing each PO)= T			52	51	48	18	21	13	6	5	13	9	6	18
	GAP G= (24-A)/(24)) *100							17 %	63 %	62.90 %		15 %	58.60 %	

Table 2.1.1.A2 Mapping of courses to PSOs for 2016-2020 Batch

SI. NO	SUBJECT	SUBJECT CODE	PSO	
			PSO1	PSO2
1	Engineering Maths-I	C101/15MAT11	-	-
2	Engineering Physics	C102/15PHY12	-	-
3	Elements Of Civil Engg. & Mechanics	C103/15CIV13	-	-
4	Elements Of Mechanical Engg.	C104/15EME14	-	-
5	Basic Electrical Engg.	C105/15ELE15	-	-
6	Workshop Practice	C106/15WSL16	-	-
7	Engg. Physics Lab	C107/15PHYL17	-	-
8	Engineering Maths-Ii	C108/15MAT21	-	-
9	Engineering Chemistry	C109/15CHE22	-	-
10	Programming In C & Data Structures	C110/15PCD23	-	-
11	Computer Aided Engineering Drawing	C111/15CED24	-	-
12	Basic Electronics	C112/15ELN25	-	-
13	Computer Programming Lab	C113/15CPL26	-	-
14	Engg. Chemistry Lab	C114/15CHEL27	-	-
15	Engg. Mathematics – III	C115/15MAT31	-	1
16	Analog And Digital Electronics	C201/15CS32	3	2
17	Data Structures And Applications	C202/15CS33	3	1
18	Computer Organization	C203/15CS34	3	1
19	Unix Shell Programming	C204/15CS35	3	1.4
20	Discrete Mathematical Structures	C205/15CS36	2	1.2

21	Analog And Digital Electronics Laboratory	C206/15CSL37	2	2
22	Datastructures Lab	C207/15CSL38	3	1
23	Engg. Mathematics – IV	C208/15MAT41		1
24	Software Engineering	C209/15CS42	1	2
25	Design An Andalysis Of Algorithms	C210/15CS43	3	1
26	Microprocessors & Microcontrollers	C211/15CS44	2.2	2
27	Object Oriented Concepts	C212/15CS45	2	2
28	Data Communication	C213/15CS46	2	1.4
29	Design And Analysis Of Algorithms Laboratory	C214/15CSL47	3	1
30	Microprocessors & Microcontrollers & Laboratory	C215/15CSL48	2.4	2
31	Management And Entrepreneurship For It Industry	C301/15CS51	-	-
32	Computer Networks	C302/15CS52	2	2
33	Database Management Systems	C303/15CS53	3	3
34	Automata Theory And Computability	C304/15CS54	3	1
35	Computer Network Laboratory	C305/15CSL57	1	1
36	Database Management Systems With Mini Project	C306/15CSL58	2.8	2
37	Cryptography, Network Security And Cyber Law	C307/15CS61	2	2
38	Computer Graphics And Visualization	C308/15CS62	3	3

39	System Software And Compiler Design	C309/15CS63	2	1
40	System Software And Operating System Lab	C310/15CSL67	3	2
41	Operating Systems	C311/15CS64	2.6	2
42	Computer Graphics Laboratory With Mini Project	C312/15CSL68	3	2
43	Web Technology And Its Applications	C401/15CS71	3	1.6
44	Advanced Computer Architecture	C402/15CS72	2	1
45	Machine Learning	C403/15CS73	2	1
46	Machine Learning Laboratory	C404/15CSL76	3	1
47	Web Technology Laboratory With Mini Project	C405/15CSL77	3	1
48	Project Work Phase – I + Seminar	C406/15CSP78	2	2
49	Internet Of Things Technology	C407/15CS81	1	1
50	Big Data Analytics	C408/15CS82	3	2
51	Internship/ Professional Practise	C409/15CS84	2.4	3
52	Project Work Phase – Ii	C410/15CSP85	2	2
53	Seminar	C411/15CSS86	2	2
	SUM = A		87.40	61.60
	(Total no. of courses addressing each PO)= T		36	38
	GAP G= (24-A)/(24))*100		-	-

B. List the curricular gaps for the attainment of defined POs & PSOs

List the curricular gaps for the attainment of defined POs & PSOs 2016-20 Batch

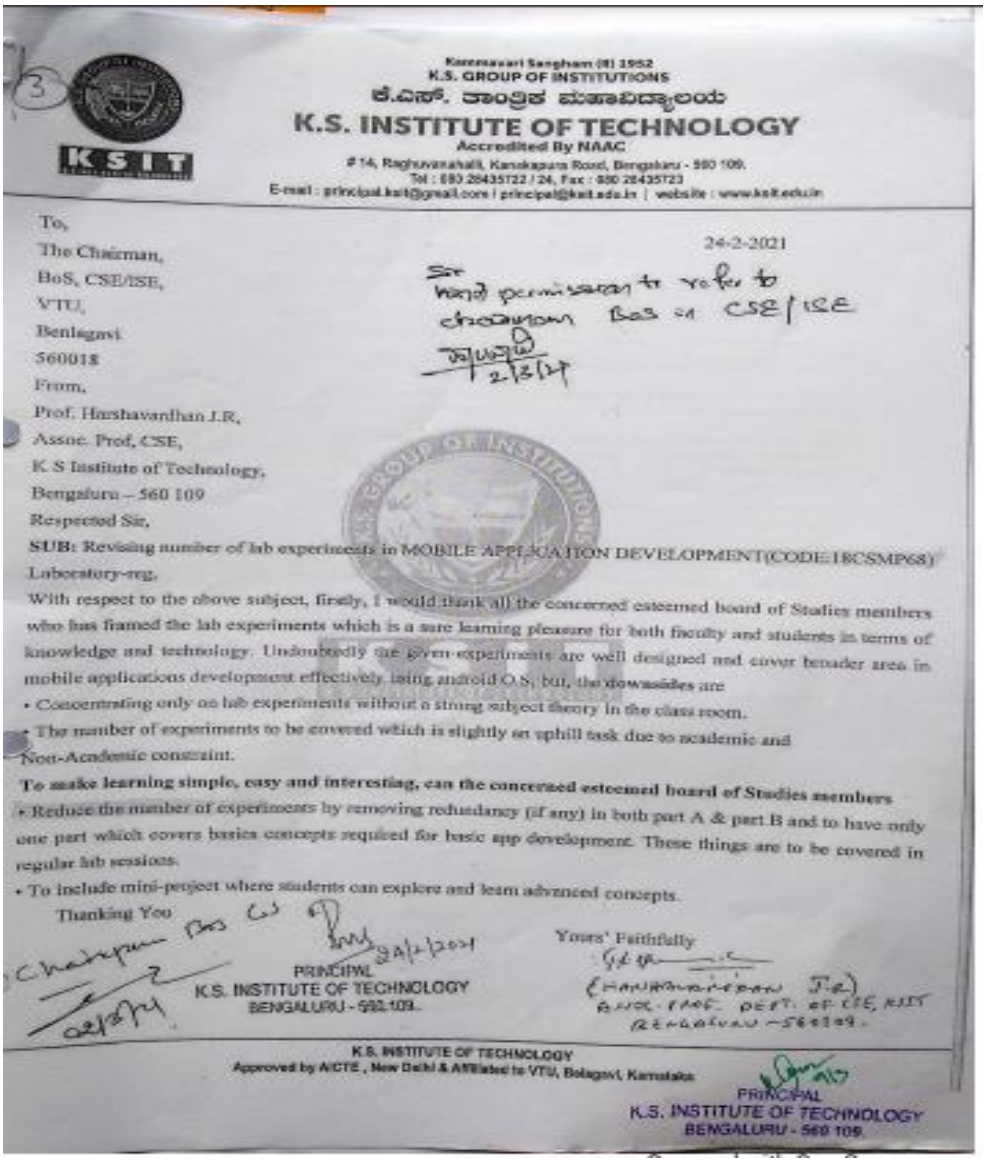
Table 2.1.1.B1 PO/PSO Gap Identification Table.

PO/PSO	Curriculum Gap
PO6	17%
PO7	63%
PO8	62.9%
PO10	15%
PO11	58.6%

2.1.2. State the delivery details of the content beyond the syllabus for the attainment of POs and PSOs(10) *Institute Marks:10.00*

A. Steps taken to get identified gaps included in the curriculum.(e.g. letter to university/BOS)

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 related workshops organized by the university.



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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

To,
The Chairman,
BoS, CSE/ISE,
VTU,
Belagavi
560018
From,
Prof. Harshavardhan J.R,
Assoc. Prof, CSE,
K S Institute of Technology,
Bengaluru – 560 109

24-2-2021

Sir
Kindly permission to refer to chairman BoS in CSE/ISE
2/3/21

Respected Sir,

SUB: Revising number of lab experiments in MOBILE APPLICATION DEVELOPMENT(CODE:18CSMP68) Laboratory-reg.

With respect to the above subject, firstly, I would thank all the concerned esteemed board of Studies members who has framed the lab experiments which is a sure learning pleasure for both faculty and students in terms of knowledge and technology. Undoubtedly the given experiments are well designed and cover broader area in mobile applications development effectively using android O.S, but, the downsides are

- Concentrating only on lab experiments without a strong subject theory in the class room.
- The number of experiments to be covered which is slightly an uphill task due to academic and Non-Academic constraint.

To make learning simple, easy and interesting, can the concerned esteemed board of Studies members

- Reduce the number of experiments by removing redundancy (if any) in both part A & part B and to have only one part which covers basics concepts required for basic app development. These things are to be covered in regular lab sessions.
- To include mini-project where students can explore and learn advanced concepts.

Thanking You

Chairman BoS CSE/ISE 24/2/2021

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Yours' Faithfully
(HARSHAVARDHAN J.R)
ASSOC. PROF. DEPT. OF CSE, KSIT
BENGALURU - 560109.

K.S. INSTITUTE OF TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi, Karnataka

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BENGALURU - 560 109.

Fig 2.1.1.B1 Letter to BOS

B. Details of content beyond the syllabus for addressing curriculum gaps

Department of Computer Science and Engineering always takes initiatives to bridge the gaps identified in curriculum by conducting events which includes Workshops, Technical Talks, Seminars, and Student Conventions. To enlighten students lectures are being organized from time to time to deliver lectures on latest trends and thrust areas in Computer Science and Engineering and visits to reputed industries/organizations like ICAT, Kaynes Technology, IISc, etc., are planned well in advance. To make students industry ready and to improve their skill sets, soft skill and aptitude training programmes are conducted at the beginning of every semester, department also provides platform for students to exhibit their ideas in the form of projects and presenting papers in 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 in rural areas, Students along with faculty participate in various social activities).

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

Table 2.1.2 C1a CAY Academic year 2020-2021

SIN o.	Gap	Action taken	Date-Month-Year	Resource Person with designation	No of Students	Relevance to POs, PSOs
1	Individual & Team work, Lifelong Learning	34th CSI Karnataka State Student Convention (online)	22-12-2020 & 23-12-2020	Chief Guest & Key note address by Prof. M. Surendra Prasad babu, Regional Vice President, Region V, CSI	266	PO1,PO2,PO3, PO5,PO6,PO7, PO8,PO9,PO10 ,PO11,PO12
2	Engineering and society	Webinar on An Insight into Web Application Development	13-11-2020	Ms. Diksha Sudhir	70	PO1, PO2, PO3, PO5, PO6, PO12, PSO1, PSO2
3	Engineering and society	Webinar on Career Guidance	06-07-2020	Mr. Shashvath Bhaskar Technical Project Manager & Security Champion, Intel Corporation San jose, California	30	PO1, PO5, PO6, PO12, PSO1, PSO2
4	Individual & Team work, Lifelong Learning	Workshop on AWS Cloud Practitioners Workshop	21 -7-2020 and 22-7-2020	Dr. Prakash, Principal, EPCIT & Nandini Gowda, Shefali EPCIT	70	PO1, PO2, PO3, PO5, PO6,PO9,PO12 ,PS01,PS02
5	Engineering and society, ,Ethics	Internship Talk	07-06-2020	Nithin K Naik, Technical manager , Tequed Labs	65	PO1, PO2, PO5, PO6, PO8,PO9,PO11 ,PO12,PS01
6	Engineering and society, ,Ethics	Internship talk on skill Development	18-05-2021	Mr. Aditya S K, Director Tequed labs	151	PO1, PO2, PO5, PO6, PO8,PO9,PO11 ,PO12,PS01
7	Engineering and society, ,Ethics	Internship Opportunities	12/5/2021	Mrs. Fareheen, Director, Princeton	151	PO1, PO2, PO5, PO6, PO8,PO9,PO11 ,PO12,PS01
8	Engineering and society, ,Ethics	Internship awareness program	28-05-2021	Mr. Niranjan Balaji, Director, Rapsol Technologies	151	PO1, PO2, PO5, PO6, PO8,PO9,PO11 ,PO12,PS01

9	Societal responsibility, Life-long learning	Webinar on Benefits and Opportunities with GATE	17/4/2021	Mr. Akash Pushkar (M.Tech from IIT Kanpur) Industry Data Scientist Accenture	68	PO1, PO2, PO3, PO5, PO6, PO12, PSO1, PSO2
10	Societal responsibility, Life-long learning	Webinar on Design Innovation for Successful Career in the field of Aviation for CSE Students" on	17-7- 2021	Mr. Dhanish Abdul Khader Space Systems Engineer, SS Technologies Bangalore.	97	PO1,PO5,PO7, PO12,PS01
11	Societal responsibility, Life-long learning	Distinguished Guest Lecture on Internet of Things and its scale of usage	1-9-2021	Mr. Rajarama Nayak, Head Connected Consumer Products and Solutions, IoT Unit, Tata Consultancy Services. Bengaluru.	96	PO1,PO5,PO7, PO12,PS01

Table 2.1.2 C1b CAY M1 Academic year 2019-2020

SIN o.	Gap	Action taken	Date-Month-Year	Resource Person with designation	No of Students (Sem)	Relevance to POs, PSOs
1	Societal responsibility, Life-long learning	Technical Talk on Internet of Things	26-09-2019	Mr. Ramesh Kumar, Founder and CEO, Linux Learning Centre, Bengaluru Mr. Kotresh Aradhaya, Linux Learning Centre, Bengaluru	110	PO1,PO5,PO7, PO12,PS01
2	Lifelong Learning	Smart India Hackathon-2019	14-09-2019	Mr. Shashank Krishna, SIH 2019 ambassador-South India	106	PO1, PO2, PO7,PO9,PO10 ,PO11,PO12,PS 01

3	Individual & Team work, Lifelong Learning	Android App Development workshop	28-09-2019,29-09-2019	Students of 5th Semester, K. S. Institute of Technology Lokesh B M Chennakeshava NT Indrasena Kalyanam Ashish Amar	40	PO1, PO2, PO3, PO4, PO5, PO6,PO7,PO9, PO12,PS01,PS02
4	Engineering and society, ,Ethics	"Web and User Interface Development"	01-08-2019	Mr. Asif & Ms. Farheen, Co-Founder & CEO, Princeton Smart Engineers, Electronic City, Bengaluru.	128	PO1, PO2, PO3, PO5, PO6, PO8,PO9,PO11 ,PO12,PS01
5	Engineering and society, ,Ethics	Internship Talk	7-6- 2020	Nagesha C, Rapsol Technologies Pvt. Ltd	60	PO1, PO2, PO5, PO6, PO12, PSO1, PSO2
6	Engineering and society, ,Ethics	Internship Talk	7-6- 2020	Nithin K Naik, Tequed Labs	65	PO1, PO2, PO5, PO6, PO12, PSO1, PSO2
7	Engineering and society, ,Ethics	Technical Talk on Cracking Code	18-2-2020	Mr. Supreeth Y.S, CEO of Tequed Labs	98	PO1, PO2, PO3, PO5, PO6, PO12, PSO1, PSO2
8	Engineering and society, ,Ethics	Guest Lecture on Hyper local content with GAIUS Networks	09-06-2019	Dr Arjuna Sathiaseelan, New York University	101	PO1, PO2, PO5, PO6, PO12, PSO1, PSO2
9	Lifelong Learning	Sentinel Hack 2.0	12-11-19 & 13-11-19	Mr.srisha Mahuli, Mr. BharatKumar BK, Mr.Ranjan Balappa, Mrs.Sridevi HS, Mr.Ramesh HS, Mr.Vivek Balachandran, Mr. Sajesh Nair, Mr.Akshay VM	30	PO1, PO2, PO3, PO4, PO5, PO7,PO9,PO10 ,PO11,PO12,PS01
10	Engineering and society, ,Ethics	Student Satellite Awareness Program	25-10-2019	Vivek Choudary Data Scientist INEURON	101	PO1, PO2, PO3,PO5, PO6, PO12, PSO1,

				Grishma Singh Manager Gaiius Networks		PSO2
11	Engineering and society, ,Ethics	Technical Talk on INDUSTRY 4.0	11-07-2019	Mr. Supreeth Y S CEO,Tequed Bengauru. Mr. Adithya S K Director, Tequed Labs Bengauru.	95	PO1, PO2, PO3, PO5, PO6, PO12, PSO1, PSO2
12	Engineering and society, ,Ethics	Internship Awareness	13-11-19	Vivek Choudary Data Scientist INEURON Grishma Singh Manager Gaiius Networks	106	PO1, PO2, PO5, PO6, PO12, PSO1, PSO2
13	Engineering and society, ,Ethics	Technical Talk on BLOCKCHAIN	15-02-2020	Mr. Nani, Blockchain Consultant KANEKTIFY Academy, Banlagore.	70	PO1, PO2, PO3, PO5, PO6,PO8 PO12, PSO1, PSO2

Table 2.1.2.C1.c CAY m2 Academic year 2018-2019

SIN o.	Gap	Action taken	Date-Month-Year	Resource Person with designation	No of Students (Sem)	Relevance to POs, PSOs
1	Engineering and society	Technical Talk on IBM Analytics, Google Digital Marketing &Data Science, Analytics and Machine learning	23-8-2018	Mr. Vivekakanda and Mr. Roopesh of Vision Digital India of Imperial Group	83	PO1, PO2, PO3, PO5, PO6, PO12, PSO1, PSO2
2	Engineering and society,	Technical Talk on Future works skill 2013 and start up engineering	7-9-2018	Prof Nagabhushan MSRIT Bengaluru	27	PO1, PO2, PO3, PO5, PO6, PO12,PS01,PS02
3	Engineering and society, Individual and Teamwork	Data Science workshop	23-9-2018	Mr. Fazeel Software Developer, Digits Technology Tutor, IIHT Bangalore	46	PO1, PO2, PO3, PO4, PO5, PO6, PO9,PO12,PS01,PS02
4	Individual and Teamwork	Sentinel Hack 1.0	9-10-2018 and 10-10-2018	Mr. Ranjan, Mr. Sisrisha	20	PO1, PO2, PO3, PO4, PO5, PO8,PO9,PO10 ,PO12,PS01,

						PSO2
5	Engineering and society, Individual and Teamwork	Workshop on VMware Virtualization and Cloud Essentials"	13-11-2018 & 14-11-2018	Mr. Mayank Srivastava & Mr. Naresh Babu , VMware Certified Instructor L2, IT Consultant & CEO	60	PO1, PO2, PO3, PO4, PO5, PO6, PO12, PSO1, PSO2
6	Engineering and society	Workshop on Introduction to Virtualization	10-10-18	Mr. Sachin Kumar, Vmware IT academy, Dr. Praksh, CSI-BC	53	PO1, PO2, PO3, PO5, PO6,PO10,PSO 1,PSO2
7	Engineering and society	Guest Lecture on Awareness on Digital Marketing	15-10-18	Anjali Mehta	76	PO1, PO2, PO3, PO5, PO6,PO10, PO12,PSO1,PS O2
8	Engineering and society, Individual and Teamwork	DBMS Workshop	22-10-18 and 23-10-18	Sougandhika Narayan, Pradeep Kumar .G.H Kumar .K	120	PO1, PO2, PO3, PO4, PO5, PO6, PO9,PO12,PS0 1,PS02
9	Engineering and society	Technical Talk on Artificial Intelligence	17-11-2018	Dr G T Raju, Vice Principal, RNSIT	37	PO1, PO2, PO4,PO6,P012, PSO1,PSO2
10	Engineering and society, ,Ethics	Technical Talk on Internship opportunities in City surveillance and Nayagaadi	20-2-2019	Mr. Sridhar Singisetty,Direct or & Co Founder,City Surveillance, Bengaluru, Mr. Balaji,	120	PO1, PO2, PO5, PO6, PO8,PO9,PO11 ,PO12,PS01
11	Engineering and society	Technical Talk on Mobile App Development	22-2-2019	Mr. Deepak Rajkumar Garg,Business Development Manager, ATS Infotech private limited, Bengaluru	106	PO1, PO2, PO5, PO6, PO12, PSO1, PSO2
12	Engineering and society	Lecture on MS Certification Courses- IEDC	22-2-19	Mr. Manish Singhc Act Infotech	106	PO1, PO2, PO5, PO6, PO12, PSO1, PSO2
13	Engineering and society	Seminar on Robotics and Home Automation	27-2-2019	Prof. Sreenivasa Shetty, Founder of SST Technologies, Bengaluru	106	PO1, PO2, PO5, PO6, PO12, PSO1, PSO2
14	Engineering and society,	Smart India Hackathon	2-3-2019 & 3-3-2019	Kushal Kumar B N	30	PO1, PO2, PO3, PO4,

	Environment and sustainability, Ethics, Individual and Teamwork, communication, Project Management and Finance			Prabhu B Kumar K Ranjan B Prashanth H.S Prabhu Pradeep K.R Pradeep Kumar .G.H		PO5, PO6, PO7,PO8, PO9, PO10, PO11, PO12
15	Engineering and society	Seminar on Higher Education ,Path Finder NRI	7-3-2019	Mr.Gurusharan, Founder PATH FINDER NRI and KSIT-ECE Alumni	80	PO1, PO2, PO6, PO12, PSO1
16	Engineering and society, Individual and Teamwork	Computer Awareness Program	7-3-2019	CSI-NSS Activity Participants Govt School students(6th and 7th std- Total 40)Government School,Bayyana palya,Vajarahalli ,Kanakapura Road,Bengaluru	Volunteers from NSS-6 students	PO6, PO9,PO10,PO12,PSO1

2.2 Teaching-Learning Process (100) **Total Marks: 89.00**

2.2.1. Describe the processes followed to improve quality of teaching & learning (25)

Institution Marks: 25.00

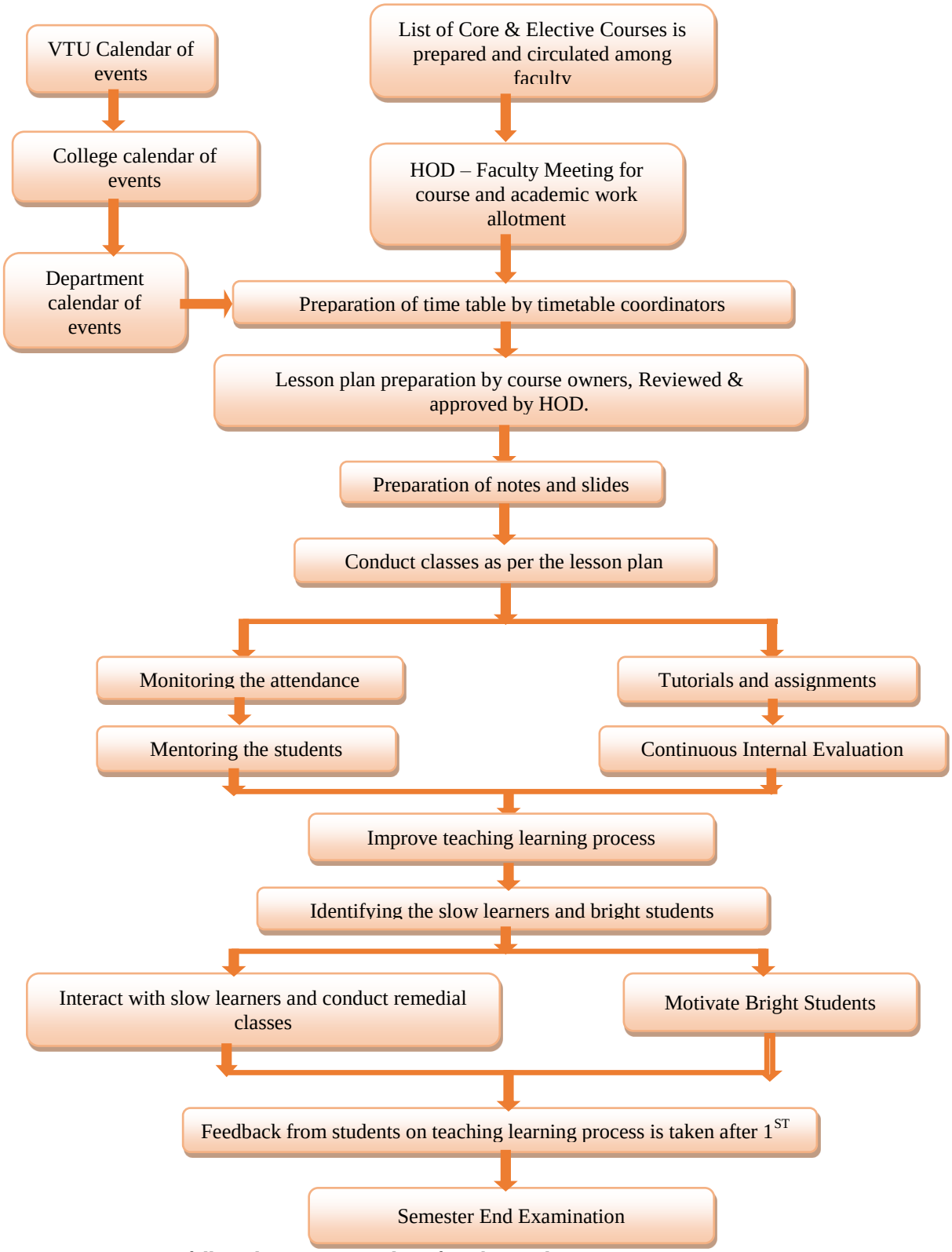


Fig. 2.2.1.A1 Process followed to improve quality of teaching & learning

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 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, Internships, and Project Reviews and so on.

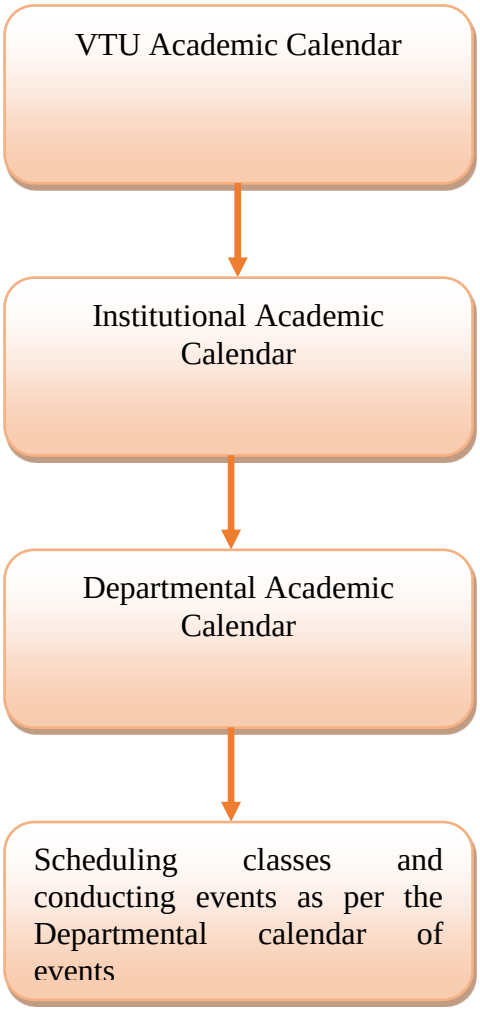
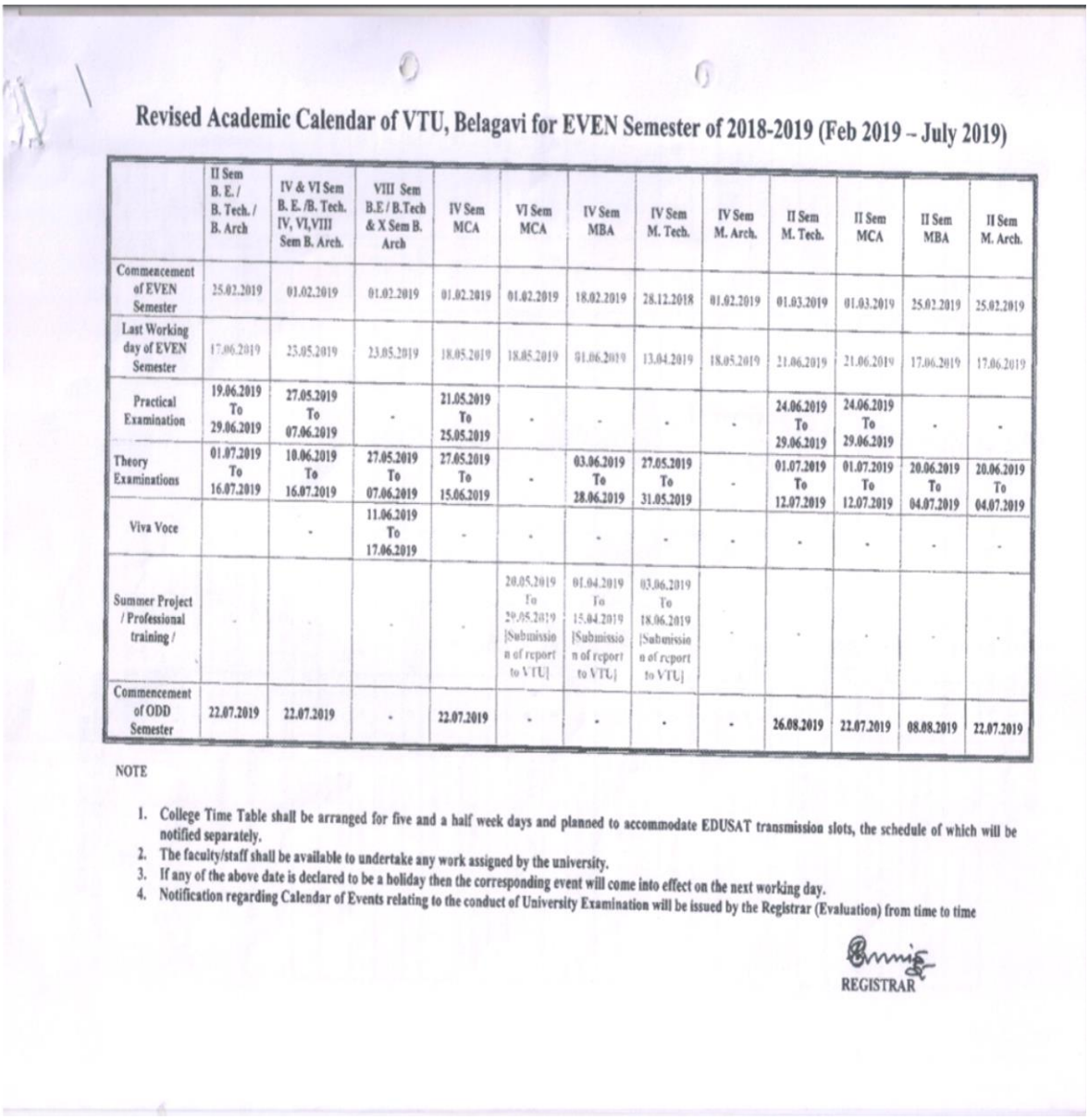


Fig 2.2.1.A2 Adherence to Academic Calendar



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

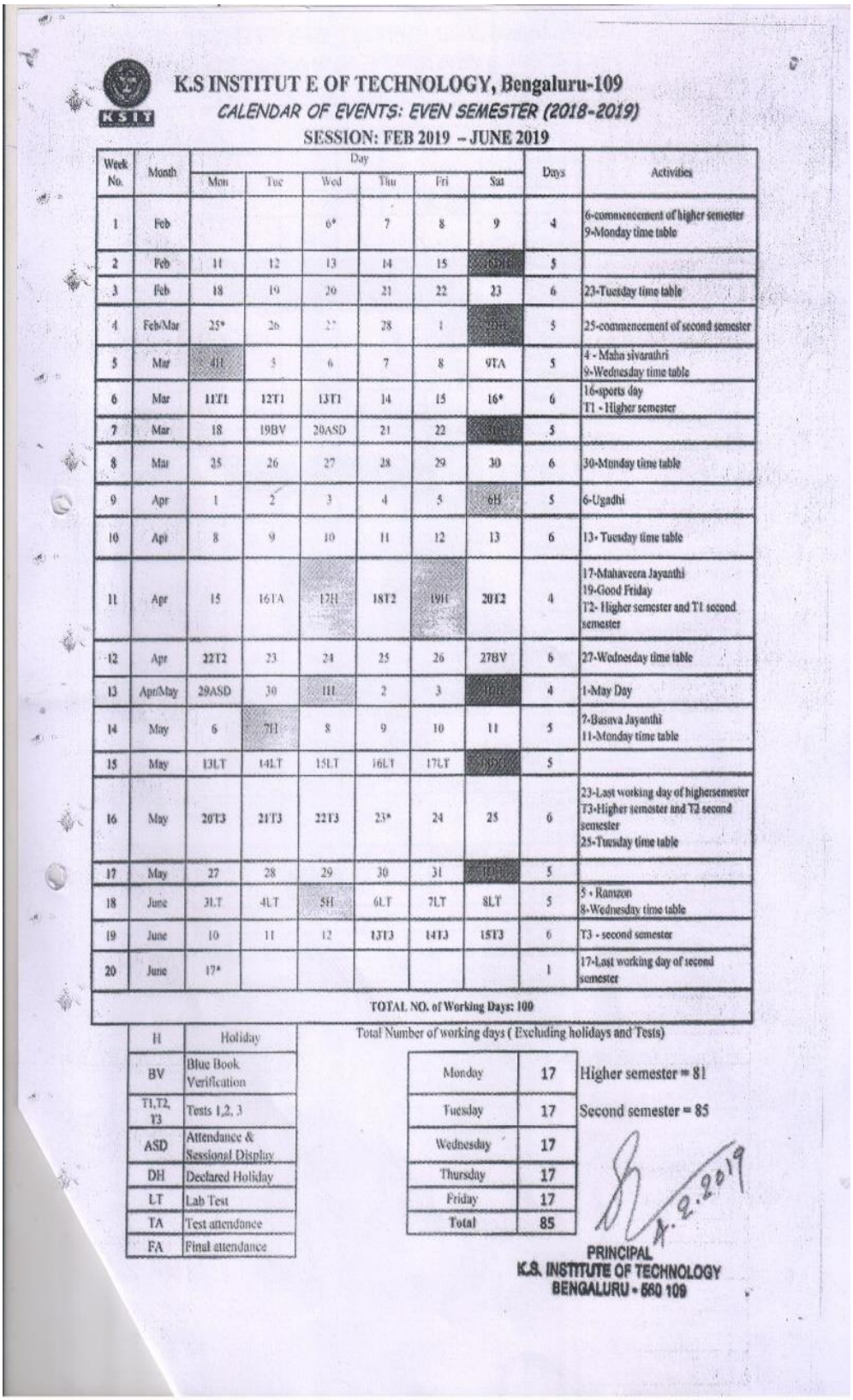
	II Sem B. E. / B. Tech. / B. Arch	IV & VI Sem B. E. /B. Tech. IV, VI,VIII Sem B. Arch.	VIII Sem B.E / B.Tech & X Sem B. Arch	IV Sem MCA	VI Sem MCA	IV Sem MBA	IV Sem M. Tech.	IV Sem M. Arch.	II Sem M. Tech.	II Sem MCA	II Sem MBA	II Sem M. Arch.
Commencement of EVEN Semester	25.02.2019	01.02.2019	01.02.2019	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	-	-	-	-	26.08.2019	22.07.2019	08.08.2019	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

Fig. 2.2.1.A3 VTU Calender 2018-19 (Even Sem)



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CALENDAR OF EVENTS: EVEN SEMESTER (2018-2019)

SESSION: FEB 2019 – JUNE 2019

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	[illegible]	5	
3	Feb	18	19	20	21	22	23	6	23-Tuesday time table
4	Feb/Mar	25*	26	27	28	1	[illegible]	5	25-commencement of second semester
5	Mar	4H	5	6	7	8	9TA	5	4 - Maha sivarathri 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	[illegible]	5	
8	Mar	25	26	27	28	29	30	6	30-Monday time table
9	Apr	1	2	3	4	5	6H	5	6-Ugadhi
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- Higher semester and T1 second semester
12	Apr	22T2	23	24	25	26	27BV	6	27-Wednesday time table
13	Apr/May	29ASD	30	1H	2	3	[illegible]	4	1-May Day
14	May	6	7H	8	9	10	11	5	7-Basava Jayanthi 11-Monday time table
15	May	13LT	14LT	15LT	16LT	17LT	[illegible]	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	[illegible]	5	
18	June	3LT	4LT	5H	6LT	7LT	8LT	5	5 - Ramzon 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
FA	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

4.2.2019

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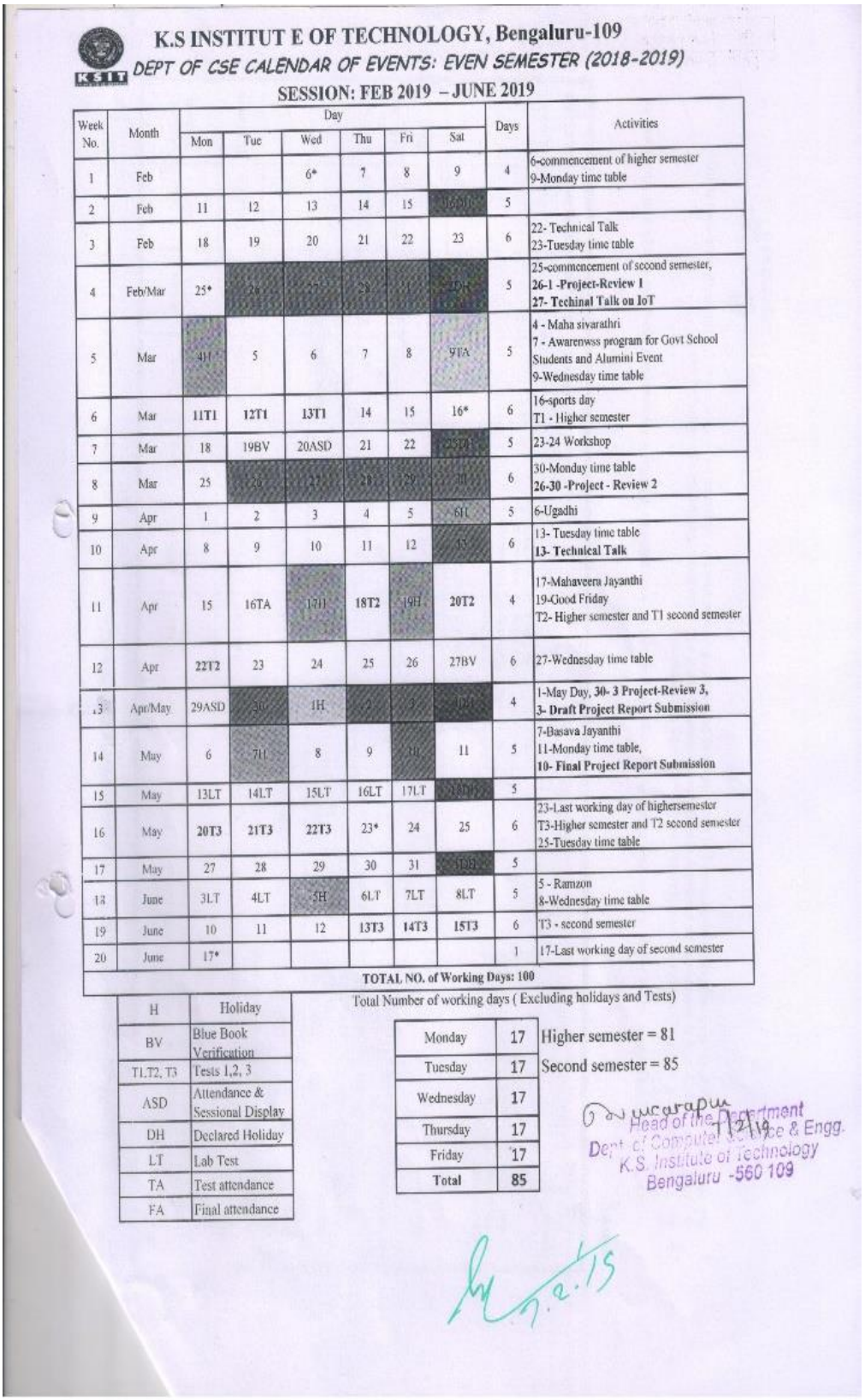
Fig.2.2.1.A4 College calendar 2018-19 (Even Sem)



K.S INSTITUT E OF TECHNOLOGY, Bengaluru-109

DEPT OF CSE CALENDAR OF EVENTS: EVEN SEMESTER (2018-2019)

SESSION: FEB 2019 – JUNE 2019

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	16DH	5	
3	Feb	18	19	20	21	22	23	6	22- Technical Talk 23-Tuesday time table
4	Feb/Mar	25*	26	27	28	1	2DH	5	25-commencement of second semester, **26-1 -Project-Review 1** **27- Techinal Talk on IoT**
5	Mar	4H	5	6	7	8	9TA	5	4 - Maha sivarathri 7 - Awarenwss program for Govt School Students and Alumini Event 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	23DH	5	23-24 Workshop
8	Mar	25	26	27	28	29	30	6	30-Monday time table **26-30 -Project - Review 2**
9	Apr	1	2	3	4	5	6H	5	6-Ugadhi
10	Apr	8	9	10	11	12	13	6	13- Tuesday time table **13- Technical Talk**
11	Apr	15	16TA	17H	**18T2**	19H	**20T2**	4	17-Mahaveera 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	1H	2	3	4DH	4	1-May Day, **30- 3 Project-Review 3,** **3- Draft Project Report Submission**
14	May	6	7H	8	9	10	11	5	7-Basava Jayanthi 11-Monday time table, **10- Final Project Report Submission**
15	May	13LT	14LT	15LT	16LT	17LT	18LT/TA	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	1DH	5	
18	June	3LT	4LT	5H	6LT	7LT	8LT	5	5 - Ramzon 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
FA	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

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Fig.2.2.1.A5 Department calendar 2018-19 (Even Sem)

2019-2020

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

SESSION: Feb 2020-June 2020

Compliance of academic calendar with university calendar

Sl.No.	Activity	Dates	Complied/ Not Complied
1	Commencement of academic semester	10/02/2020	Yes
2	I CIE test schedule	9-3-20, 10-3-20,11-3-20	12-11-20, 13-11-20, 28-5-2020, postponed due to Pandemic
3	Project II phase Review 1 presentation	3-3-20,5-3-2020, 6-3-2020	Yes
4	II CIE test schedule	15-4-20 , 16-4-20,17-4-20	27-4-20 to 30-4-2020 ,postponed due to Pandemic
5	Project II phase Review 2 presentation	3-4-2020 to 9-3-2020	April, May 2020
6	III CIE test schedule	18-5-2020, 19-5-2020, 20-5-2020	27-5-2020, 28-5-2020, 29-5-2020 postponed due to Pandemic
7	Project Phase II Review 3 Presentation	4-5-2020 to 7-5-2020	June, July-2020
8	Lab test	21-5-2020 to 23-5-2020	June 2020, postponed due to Pandemic
9	Last working day	1/06/2020	August 2020

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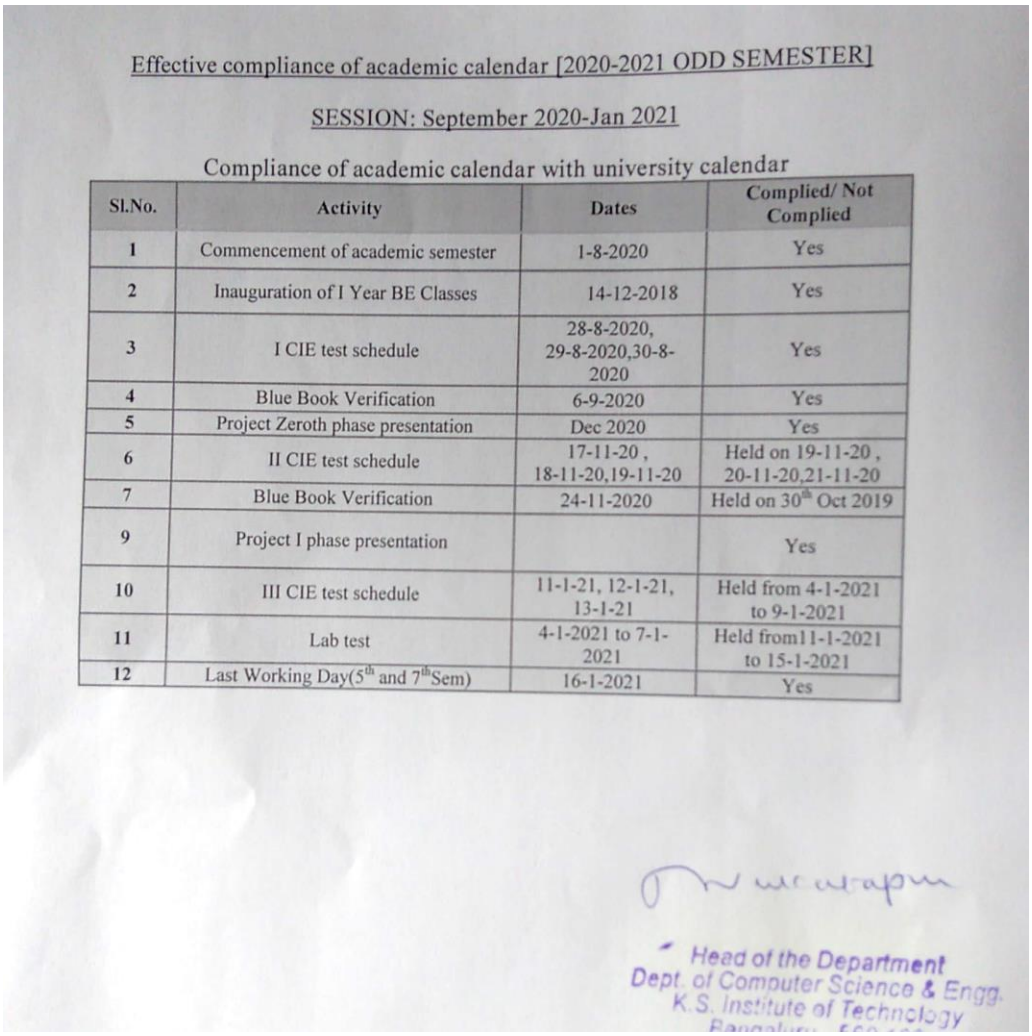
Fig.2.2.1.A6 Compliance of academic calendar 2020-2021 Even Sem



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

SESSION: September 2020-Jan 2021

Compliance of academic calendar with university calendar

Sl.No.	Activity	Dates	Complied/ Not Complied
1	Commencement of academic semester	1-8-2020	Yes
2	Inauguration of I Year BE Classes	14-12-2018	Yes
3	I CIE test schedule	28-8-2020, 29-8-2020,30-8-2020	Yes
4	Blue Book Verification	6-9-2020	Yes
5	Project Zeroth phase presentation	Dec 2020	Yes
6	II CIE test schedule	17-11-20 , 18-11-20,19-11-20	Held on 19-11-20 , 20-11-20,21-11-20
7	Blue Book Verification	24-11-2020	Held on 30th Oct 2019
9	Project I phase presentation		Yes
10	III CIE test schedule	11-1-21, 12-1-21, 13-1-21	Held from 4-1-2021 to 9-1-2021
11	Lab test	4-1-2021 to 7-1-2021	Held from11-1-2021 to 15-1-2021
12	Last Working Day(5th and 7thSem)	16-1-2021	Yes

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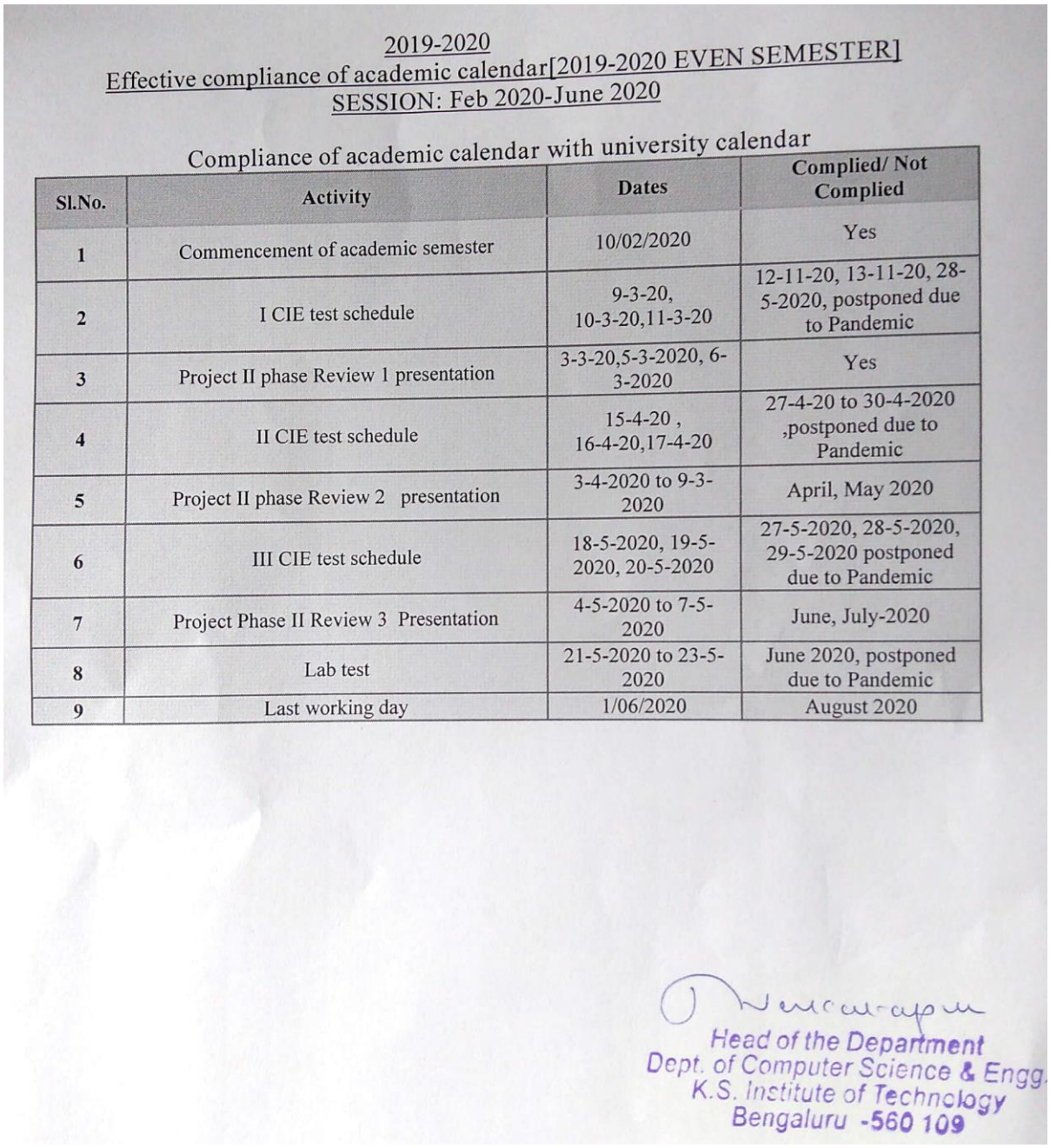
Fig.2.2.1.A7 Compliance of academic calendar 2020-2021 Odd Sem



2019-2020

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

SESSION: Feb 2020-June 2020

Compliance of academic calendar with university calendar

Sl.No.	Activity	Dates	Complied/ Not Complied
1	Commencement of academic semester	10/02/2020	Yes
2	I CIE test schedule	9-3-20, 10-3-20,11-3-20	12-11-20, 13-11-20, 28-5-2020, postponed due to Pandemic
3	Project II phase Review 1 presentation	3-3-20,5-3-2020, 6-3-2020	Yes
4	II CIE test schedule	15-4-20 , 16-4-20,17-4-20	27-4-20 to 30-4-2020 ,postponed due to Pandemic
5	Project II phase Review 2 presentation	3-4-2020 to 9-3-2020	April, May 2020
6	III CIE test schedule	18-5-2020, 19-5-2020, 20-5-2020	27-5-2020, 28-5-2020, 29-5-2020 postponed due to Pandemic
7	Project Phase II Review 3 Presentation	4-5-2020 to 7-5-2020	June, July-2020
8	Lab test	21-5-2020 to 23-5-2020	June 2020, postponed due to Pandemic
9	Last working day	1/06/2020	August 2020

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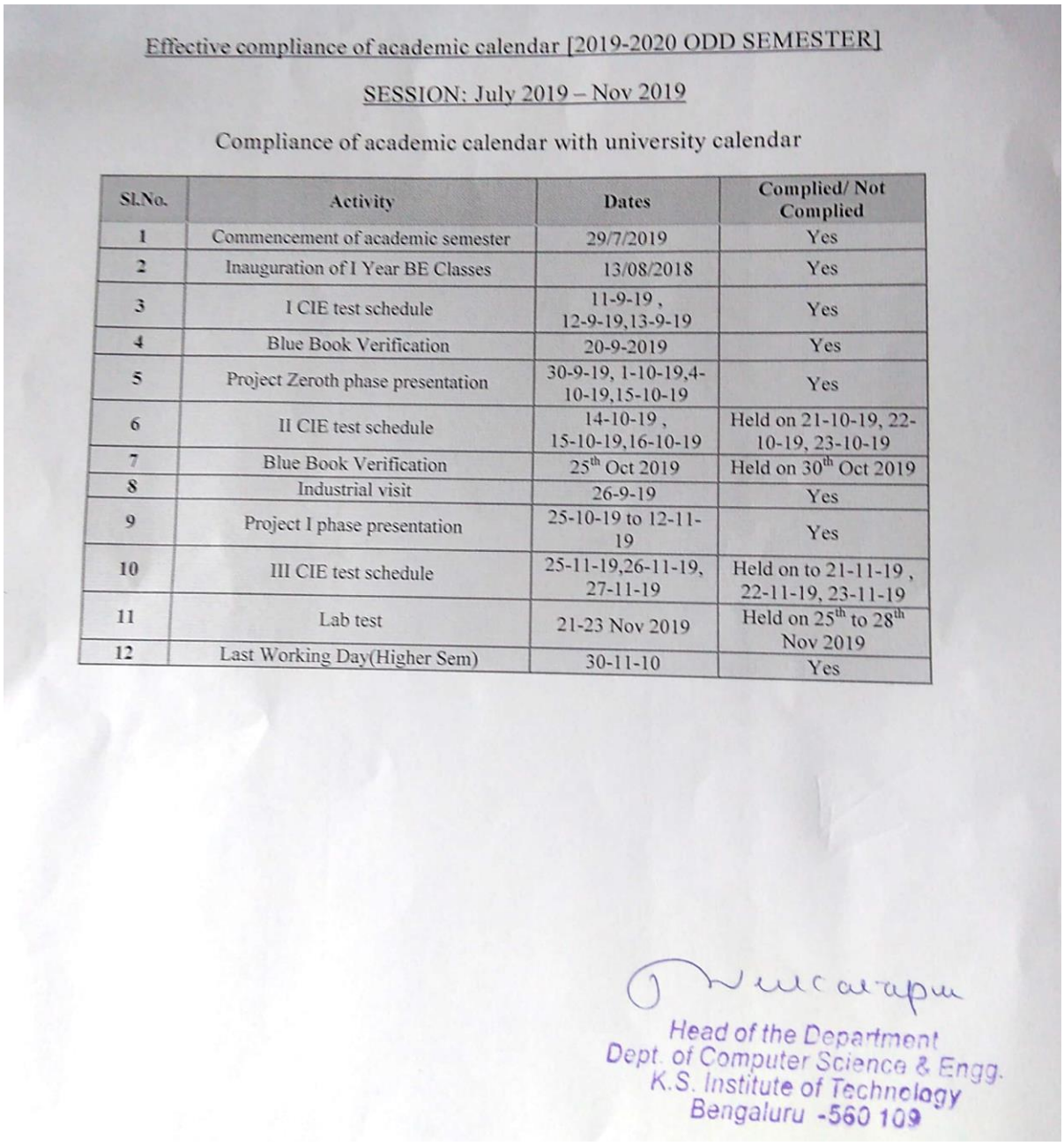
Fig.2.2.1.A8 Compliance of academic calendar 2019-2020 Even Sem



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

SESSION: July 2019 – Nov 2019

Compliance of academic calendar with university calendar

Sl.No.	Activity	Dates	Complied/ Not Complied
1	Commencement of academic semester	29/7/2019	Yes
2	Inauguration of I Year BE Classes	13/08/2018	Yes
3	I CIE test schedule	11-9-19 , 12-9-19,13-9-19	Yes
4	Blue Book Verification	20-9-2019	Yes
5	Project Zeroth phase presentation	30-9-19, 1-10-19,4-10-19,15-10-19	Yes
6	II CIE test schedule	14-10-19 , 15-10-19,16-10-19	Held on 21-10-19, 22-10-19, 23-10-19
7	Blue Book Verification	25th Oct 2019	Held on 30th Oct 2019
8	Industrial visit	26-9-19	Yes
9	Project I phase presentation	25-10-19 to 12-11-19	Yes
10	III CIE test schedule	25-11-19,26-11-19, 27-11-19	Held on to 21-11-19 , 22-11-19, 23-11-19
11	Lab test	21-23 Nov 2019	Held on 25th to 28th Nov 2019
12	Last Working Day(Higher Sem)	30-11-10	Yes

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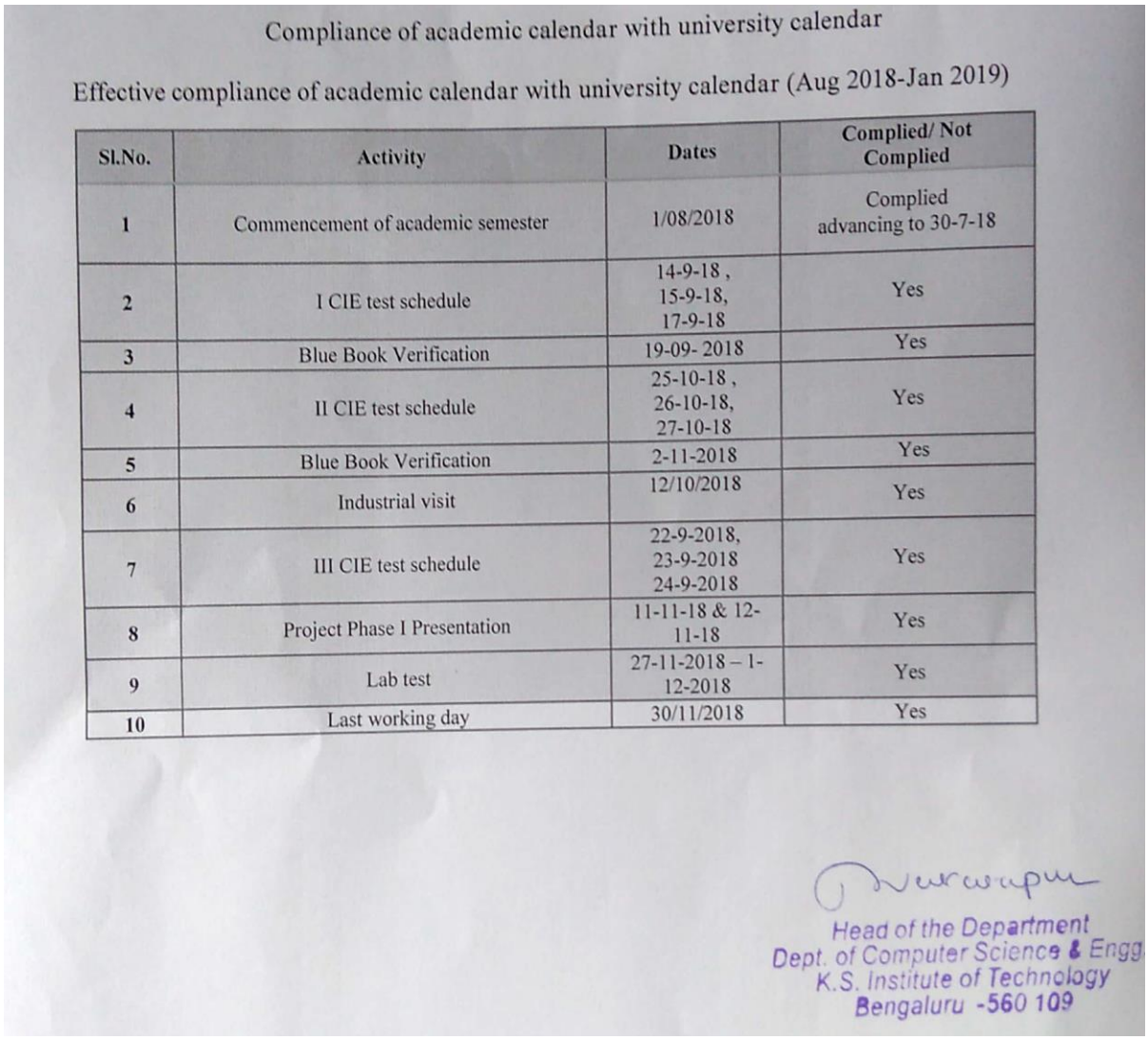
Fig.2.2.1.A9 Compliance of academic calendar 2019-2020 Odd Sem



Compliance of academic calendar with university calendar

Effective compliance of academic calendar with university calendar (Aug 2018-Jan 2019)

Sl.No.	Activity	Dates	Complied/ Not Complied
1	Commencement of academic semester	1/08/2018	Complied advancing to 30-7-18
2	I CIE test schedule	14-9-18 , 15-9-18, 17-9-18	Yes
3	Blue Book Verification	19-09- 2018	Yes
4	II CIE test schedule	25-10-18 , 26-10-18, 27-10-18	Yes
5	Blue Book Verification	2-11-2018	Yes
6	Industrial visit	12/10/2018	Yes
7	III CIE test schedule	22-9-2018, 23-9-2018 24-9-2018	Yes
8	Project Phase I Presentation	11-11-18 & 12-11-18	Yes
9	Lab test	27-11-2018 – 1-12-2018	Yes
10	Last working day	30/11/2018	Yes

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Fig.2.2.1.A10 Compliance of academic calendar 2018-2019 Even Sem

2018-2019

Effective compliance of academic calendar with university calendar (Feb-June 2019)

Compliance of academic calendar with university calendar

Sl.No.	Activity	Dates	Complied/ Not Complied
1	Commencement of academic semester	6/02/2019	Yes
2	I CIE test schedule	11-3-19 , 12-3-19,13-3-19	Yes
3	Blue Book Verification	19-03-2019	Yes
4	Project II phase Review 1 presentation	26-2-19	Yes
5	II CIE test schedule	18-4-19 , 20-4-19,22-4-19	Yes
6	Blue Book Verification	27-4- 2019	Yes
7	Industrial visit	23/03/2019	Yes
8	Project II phase Review 2 presentation	26-3-19 to 30-3-19	Yes
9	Project Exhibition	13-5-2019	Yes
10	III CIE test schedule	20-5-19,21-5-19, 22-5-19	Yes
11	Project Phase II Review 3 Presentation	30-4-19 to 3-5-19	Yes
12	Lab test	3rd – 8th June 2019	Yes
13	Last working day	23/05/2019	Yes

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Fig.2.2.1.A11 Compliance of academic calendar 2018-2019 Odd Sem

B. Use of various instructional methods and pedagogical initiatives:

The teaching learning process involves the following:

- Presentations
- Lectures
- Handouts/Notes
- Peer Review
- Quiz
- Problem Solving

- Group Discussion
- Case Study discussion

The course delivery methods followed and their impact on teaching-learning process are summarizing in the table below:

Table 2. 2.1.B1 Impact of course delivery methods on impact on teaching learning process

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

Table 2. 2.1. B2 Impact of pedagogical initiatives on teaching learning process

Pedagogical initiatives	Impact on Teaching Learning Process
Peer Review	Evaluation of work by students with similar competences. Maintain quality standards, improve performance, and provide credibility
Quiz	Measure growth in knowledge, abilities, and/or skills
Problem Solving	Students learn about the subject through the experience of solving a problem.
Group Discussion	Systematic exchange of information, views and opinions about a topic, problem, issue or situation among students
Case Study discussion	Application oriented concepts with practical relevance are presented. Students are exposed to real life application of theoretical concepts.
Mini Project	Strengthen the understanding of fundamentals through effective application of theoretical concepts
Experiential Learning	Engaged learning process whereby students "learn by doing" and by reflecting on the experience.
Learning by Gaming	**Students acquire the desired knowledge and life skills**

Table 2. 2.1. B3 Details of Pedagogical Activities-2020-21 (Even)

Academic Year 2020-21 (EVEN) https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1.	Dr. Rekha B Venkatapur	System Modelling and Simulation/18CS645	VI / A	Online Quiz
2.	Dr. Rekha B Venkatapur	System Modelling and Simulation/18CS645	VI / B	Online Quiz
3.	Dr. Deepa S R	System Software and Compilers-18CS61	VI / A	Quiz
4.	Dr. Deepa S R	System Software and Compilers-18CS61	VI / B	Quiz
5	Dr. Vaneeta M	Operating Systems / 18CS43	IV / A	Demonstration of Programs team Activity
6	Dr. Vaneeta M	Operating Systems / 18CS43	IV / B	Demonstration of Programs team Activity

Table 2. 2.1. B4 Details of Pedagogical Activities-2020-21 (ODD)

Academic Year 2020-21 (ODD) https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1.	Dr.Rekha B Venkatapur	Unix Programming/18CS56	V/B	Quiz
2.	Dr.Rekha B Venkatapur	Unix Programming/18CS56	V/B	Demonstration of Programs
3.	Dr.Ram P Rustagi	Computer Networks/18CS52	V / A & B	Learning by real time network access
4.	Dr.Deepa S R	Computer Organization/18CS34	III / A	(Module 1) Quiz
5.	Dr.Deepa S R	Computer Organization/18CS34	III / A	(Module 2) Quiz
6.	Mrs.Vaneeta M	Unix Programming/18CS56	V/A	Quiz
7.	Mrs.Vaneeta M	Unix Programming/18CS56	V/A	Demonstration of Programs
8.	Mrs.Ranjitha K N	Data structures and applications / 18CS32	III / B	Online Problem Solving
9.	Mrs.Ranjitha K N	Data structures and applications / 18CS32	III / B	Online Quiz

10.	Mrs.Beena K	Machine Learning / 17CS73	VII / B	Seminar

Table 2. 2.1. B5 Details of Pedagogical Activities-2019-20(Odd)

Academic Year 2019-20 (Odd)https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1	Dr.Rekha B Venkatapur	Computer Organization / 18CS34	III B	Quiz
2	Dr.Rekha B Venkatapur	Computer Organization / 18CS34	III B	Group Discussion
3	Dr.Ram P Rustagi	Computer Networks/17CS52	V A&B	Network Tools demo with online access
4	Mrs.Deepa S R	Analog& Digital Electronics / 18CS33	III A	Peer Review
5	Mrs.Deepa S R	Analog& Digital Electronics / 18CS33	III B	Peer Review
6	Mrs.Vaneeta M	Information Network Security / 15CS743	VII B	Peer Review
7	Mrs.Vaneeta M	Information Network Security / 15CS743	VII B	Quiz using KAHOOT
8	Mr.Sanjoy Das	Storage Area Networks / 15CS754	VII B	Quiz using KAHOOT
9	Mr.AdityaPai H	Management & Entrepreneurship for IT Industry / 17CS51	V B	Case Study Solving
10	Mr.AdityaPai H	Software Engineering/ 18CS35	III A	Quiz
11	Mrs.Ranjitha K N	Natural Language Processing / 15CS741	VII A & B	QUIZ 1
12	Mrs.Ranjitha K N	Natural Language Processing / 15CS741	VII A & B	QUIZ 2
13	Mrs.Ranjitha K N	Natural Language Processing / 15CS741	VII A & B	Problem Solving
14	Mrs.Sneha K	Computer organization / 18CS34	III A	Quiz

Table 2. 2.1. B6 Details of Pedagogical Activities-2019(Even)

Academic Year 2019-20 (Even)https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1	Dr.Rekha B Venkatapur	System Modelling & Simulation / 15CS834	VIII A & B	Online Assignment
2	Dr.Ram P Rustagi	Design and Analysis of Algorithms/18CS42	IV A&B	Learning by Gaming
3	Mrs.Deepa S R	System Software and Compiler Design/17CS63	VI A	Quiz using Google Classroom
4	Mrs.Vaneeta M	Cryptography Network Security & Cyber Law/17CS61	VI A	Mini Project
5	Mr.Kushalkumar B N	Data Communication/18CS46	IV B	Quiz
6	Mr.AdityaPai H	Operating Systems/17CS64	VI B	Quiz using KAHOOT - 1
7	Mr.AdityaPai H	Operating Systems/17CS64	VI B	Quiz using KAHOOT - 2
8	Mr.AdityaPai H	Operating Systems/17CS64	VI B	Quiz using KAHOOT - 3
9	Mrs.Ranjitha K N	Internet of Things Technology	VIII B	Practical Online Assignment
10	Mrs.Ranjitha K N	Internet of Things Technology	VIII B	Online Quiz using EDMODO
11	Mrs.Beena K	Cryptography Network Security & Cyber Law/17CS61	VI B	Mini Project
12	Mrs.Sneha K	Data Communication/18CS46	IV A	Quiz
13	Mrs.Sneha C R	System Software and Compiler Design/17CS63	VI A	Quiz using Google Classroom

Table 2. 2.1. B7 Details of Pedagogical Activities-2018-19(Odd)

Academic Year 2018-19(Odd) https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1	Dr.Rekha B Venktapur	Unix and Shell Programming / 17CS35	III A & B	Group Discussion
2	Dr.Deepa S R	Analog and Digital Electronics / 18CS33	III A	Problem Solving
3	Dr.Deepa S R	Analog and Digital Electronics / 18CS33	III A	Seminar
4	Dr.Deepa S R	Analog and Digital Electronics / 18CS33	III B	Seminar
5	Mrs.Swathi K	Storage Area Networks / 15CS754	VII B	Group Discussion
6	Mr.Aditya Pai H	Management and Entrepreneurship for IT Industry / 15CS51	V A	Case Study

Table 2. 2.1. B8 Details of Pedagogical Activities-2018-19 (Even)

Academic Year 2018-19(Even) https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1	Dr.Rekha B Venktapur	Data Communication / 17CS46	IV A	Problem solving
2	Dr.Ram P Rustagi	Design and Analysis of Algorithms/ 17CS43	IV A	Learning by Gaming Binary number Hanoi's Tower
3	Mrs.Vaneeta M	Operating Systems/15CS64	IV A	Problem Solving

4	Mr.Aditya Pai H	Internet of Things Applications / 15CS81	VIII A	Case Study

C. Methodologies to support weak students and encourage bright students

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 and Department schedules remedial classes to interact with the 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.C1 Assistance for Weak students

Sl. No.	Academic Year	Target Students	Assistance given	Effectiveness
1	2018-2019	III SEMESTER V SEMESTER VII SEMESTER	Remedial classes were scheduled and taken after working hours. Continuous monitoring of students performance through regular counselling.	Students' performance in the second and third CIE was improved and the same was documented.

Process to Identify the Weak Students

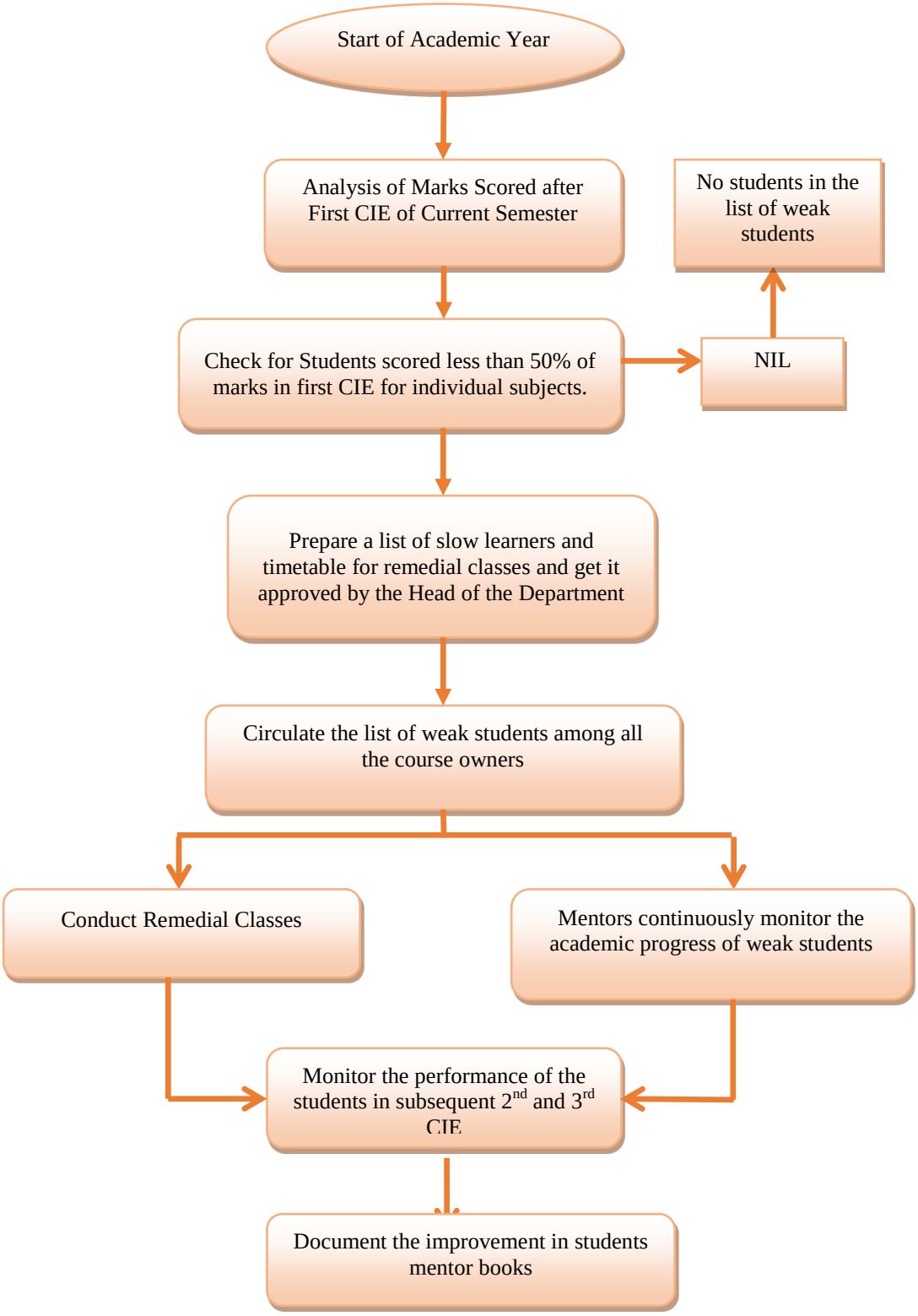
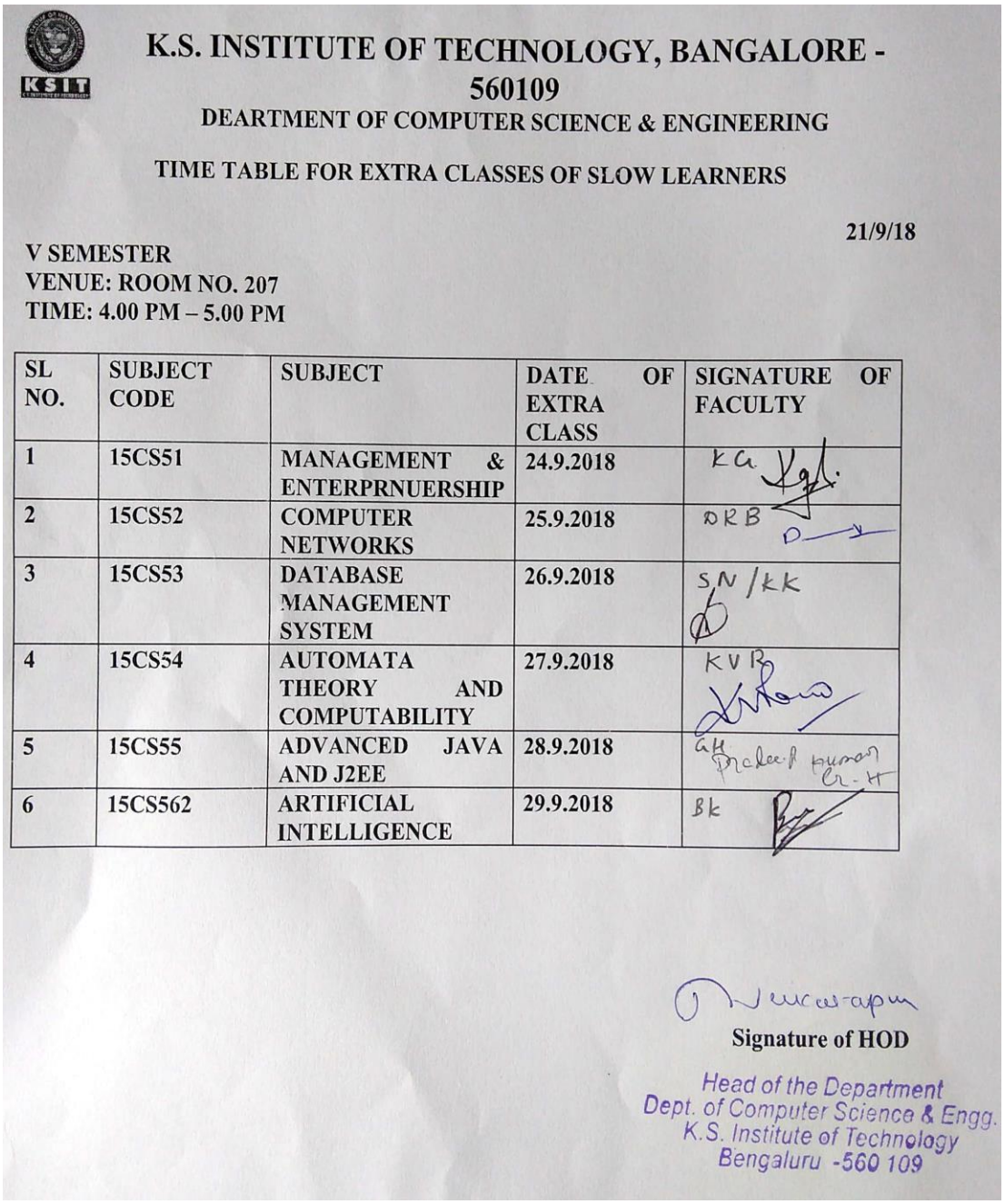


Fig 2.2.1.C1 Process to Identify the Weak Students



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DEARTMENT OF COMPUTER SCIENCE & ENGINEERING

TIME TABLE FOR EXTRA CLASSES OF SLOW LEARNERS

21/9/18

V SEMESTER
VENUE: ROOM NO. 207
TIME: 4.00 PM – 5.00 PM

SL NO.	SUBJECT CODE	SUBJECT	DATE OF EXTRA CLASS	SIGNATURE OF FACULTY
1	15CS51	MANAGEMENT & ENTERPRNUERSHIP	24.9.2018	KG
2	15CS52	COMPUTER NETWORKS	25.9.2018	ORB
3	15CS53	DATABASE MANAGEMENT SYSTEM	26.9.2018	SN/KK
4	15CS54	AUTOMATA THEORY AND COMPUTABILITY	27.9.2018	KVB
5	15CS55	ADVANCED JAVA AND J2EE	28.9.2018	GH Pradeep Kumar
6	15CS562	ARTIFICIAL INTELLIGENCE	29.9.2018	BK

Signature of HOD

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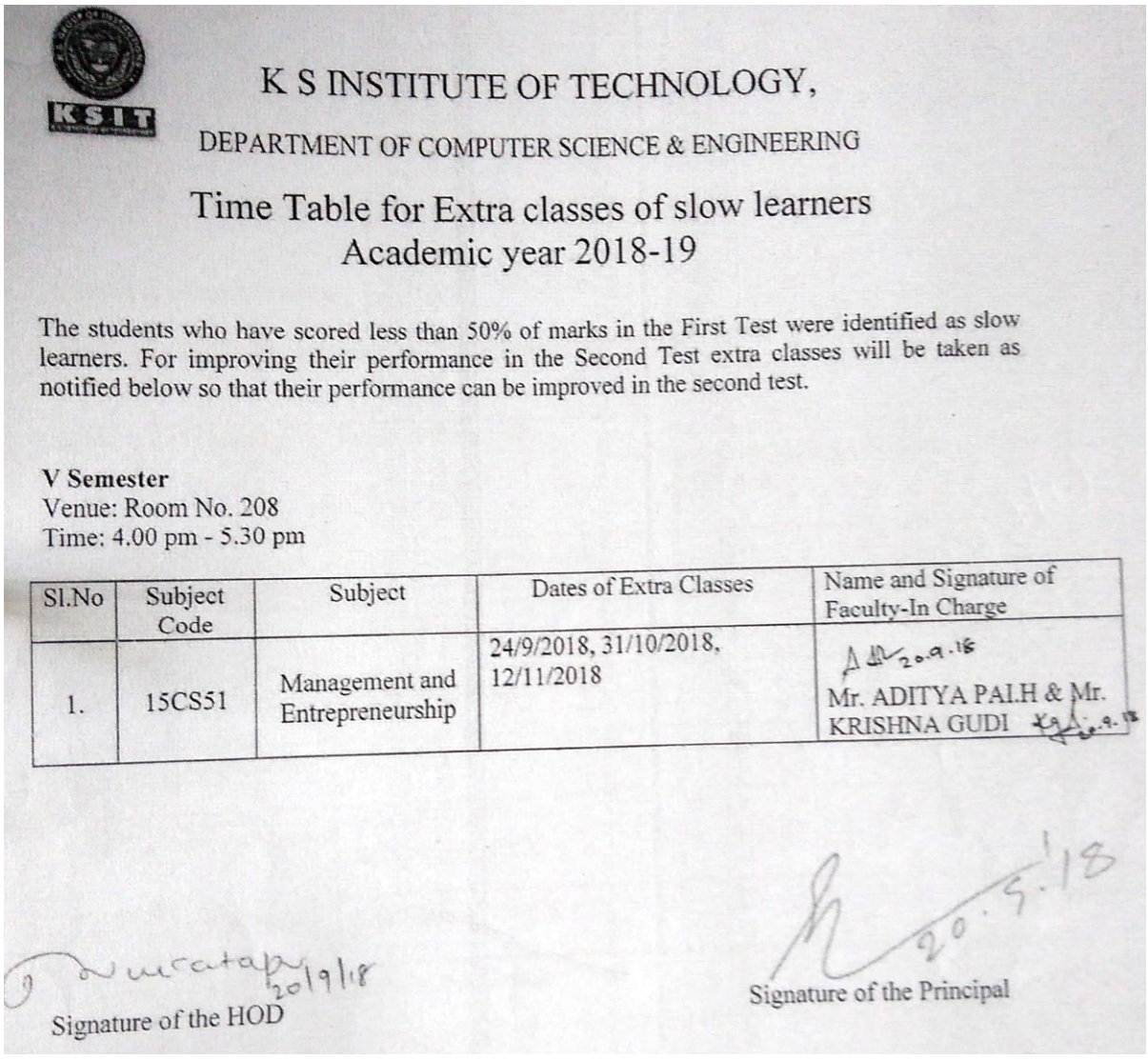
Fig 2.2.1.C2 Time table for extra classes for slow learners



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Time Table for Extra classes of slow learners
Academic year 2018-19

The students who have scored less than 50% of marks in the First Test were identified as slow learners. For improving their performance in the Second Test extra classes will be taken as notified below so that their performance can be improved in the second test.

V Semester
Venue: Room No. 208
Time: 4.00 pm - 5.30 pm

Sl.No	Subject Code	Subject	Dates of Extra Classes	Name and Signature of Faculty-In Charge
1.	15CS51	Management and Entrepreneurship	24/9/2018, 31/10/2018, 12/11/2018	20.9.18 Mr. ADITYA PAI.H & Mr. KRISHNA GUDI 20.9.18

20.9.18

Signature of the HOD

Signature of the Principal

Fig 2.2.1.C3 Remedial class's schedule

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Attendance of extra classes:-

Subject with Code: Management and Entrepreneurship, 15CS51
Semester: V

Sl. No	USN Number	Name of the students	Attendees for Special classes Date: 24/9/2018, 31/10/2018, 12/11/2018		
1	1KS16CS003	ADITYA SHANKAR.M	X	✔	X
2	1KS16CS011	ARAVIND.R	X	✔	X
3	1KS14CS019	ARAVIND K L	X	✔	X
4	1KS15CS050	LAXMI K V	X	✔	X
5	1KS15CS091	SHANTHANU SHIVASWAMY	✔	✔	X
6	1KS16CS074	RAKSHIT PAWAR	X	✔	X
7	1KS16CS101	SOURAB KUMAR	X	✔	✔
8	1KS16CS107	SWATHI M C	X	✔	X
9	1KS16CS123	RASHMI HEGADE	X	✔	X
10	1KS17CS402	GOWTHAM B G	✔	X	X

12.11.2018 12.11.2018

Mr. ADITYA PAI.H & Mr. KRISHNA GUDI
Name and Signature of the Faculty In-charge

Signature of the HOD

Fig 2.2.1.C4 Remedial class's attendance

K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of students who are identified as slow learners and there marks after the extra classes:

Subject with Code: Management and Entrepreneurship, 15CS51

Semester: V

Sl.No	USN Number	Name of the students	First Test Marks	Second Test Marks	Third Test Marks
1	1KS16CS003	ADITYA SHANKAR.M	AB	13	11
2	1KS16CS011	ARAVIND.R	AB	15	13

Sl.No	USN Number	Name of the students	First Test Marks	Second Test Marks	Third Test Marks
1	1KS14CS019	ARAVIND K L	7	8	AB
2	1KS15CS050	LAXMI K V	8	12	AB
3	1KS15CS091	SHANTHANU SHIVASWAMY	7	11	9
4	1KS16CS074	RAKSHIT PAWAR	7	11	AB
5	1KS16CS101	SOURAB KUMAR	AB	15	15
6	1KS16CS107	SWATHI M C	AB	14	12
7	1KS16CS123	RASHMI HEGADE	AB	12	AB
8	1KS17CS402	GOWTHAM B G	6	0	AB

12.11.2018 12.11.2018

Mr. ADITYA PAI.H & Mr. KRISHNA GUDI
Name and Signature of the Faculty

Signature of the HOD

Fig 2.2.1.C5 Internal Assessment marks of Slow learners

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 Coursera, 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. The bright students are encouraged to submit proposals for various project funding agencies such as KSCST and to participate in national level technical events, competitions, Smart India Hackathon, Toycathon and student conventions.

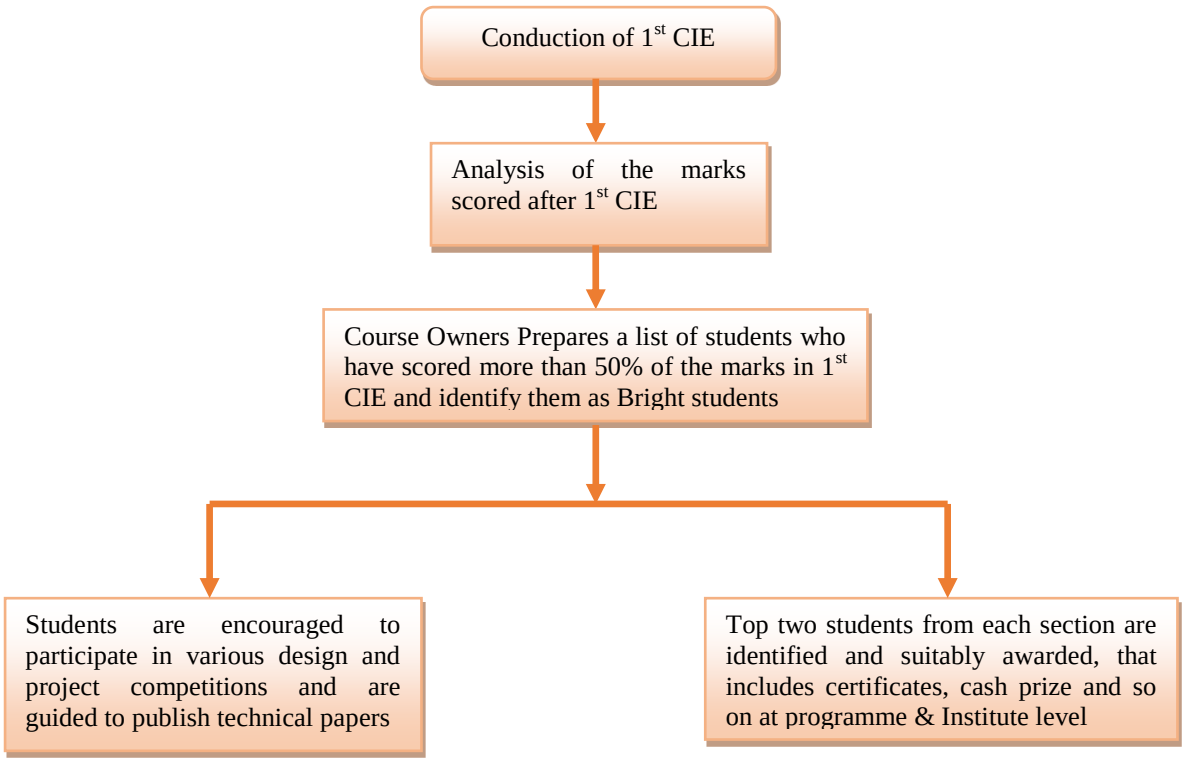
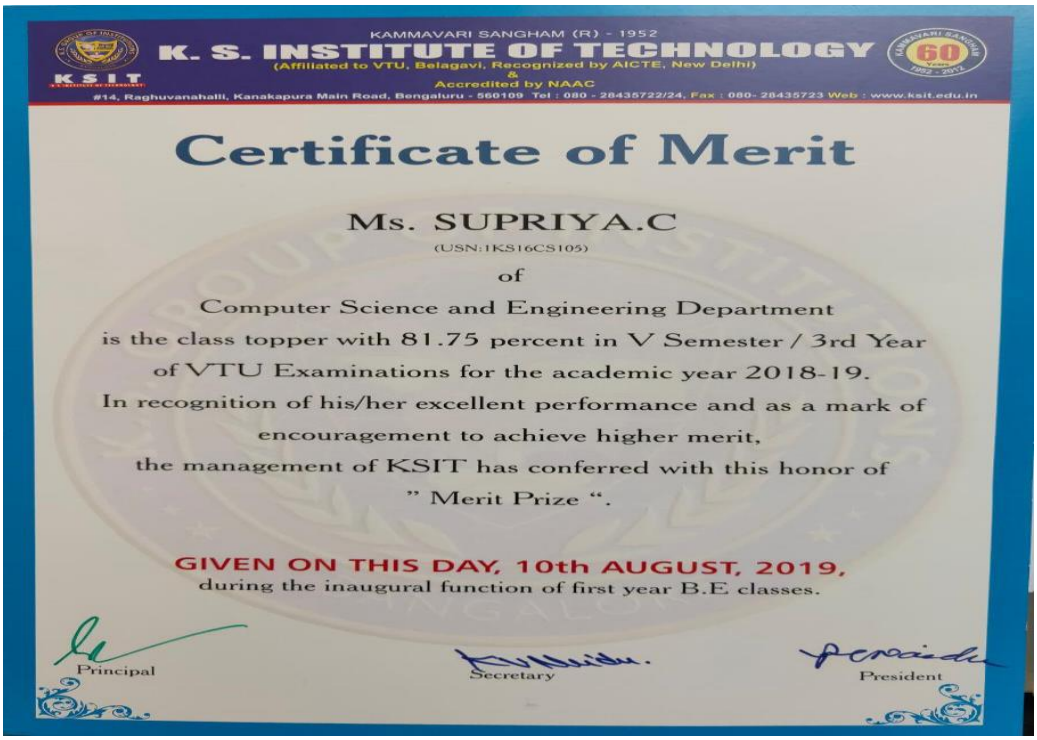


Fig. 2.2.1.C6 Process of identifying bright students

Table 2.2.1.C2 Encouragement for Bright Students

Academic Year	Target Students	Rewards/Encouragement given
2016- 2017 2017-2018 2018-2019 2019-2020 2020-2021	III SEMESTER IV SEMESTER V SEMESTER VI SEMESTER VII SEMESTER VIII SEMESTER	Cash rewards and certificates were awarded to meritorious students at college level every year during inauguration of first year B.E classes. They were also encouraged to submit proposals for various project funding agencies such as KSCST and to participate in national level technical events, competitions, Smart India Hackathon, Toycathon and student conventions.


KAMMAVARI SANGHAM (R) - 1952
K. S. INSTITUTE OF TECHNOLOGY
(Affiliated to VTU, Belagavi, Recognized by AICTE, New Delhi)
&
Accredited by NAAC
#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560109 Tel : 080 - 28435722/24, Fax : 080- 28435723 Web : www.ksit.edu.in

Certificate of Merit

Ms. SUPRIYA.C
(USN:1KS16CS105)
of
Computer Science and Engineering Department
is the class topper with 81.75 percent in V Semester / 3rd Year
of VTU Examinations for the academic year 2018-19.
In recognition of his/her excellent performance and as a mark of
encouragement to achieve higher merit,
the management of KSIT has conferred with this honor of
" Merit Prize ".

GIVEN ON THIS DAY, 10th AUGUST, 2019,
during the inaugural function of first year B.E classes.

Principal Secretary President

Fig. 2.2.1 C7 Student Merit Certificate

Fig. 2.2.1 C8 VTU Rank Holder being awarded with gold medal and certificate by the Institution

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
KARNATAKA, INDIA

RC 19 000061

RANK CERTIFICATE

Mr./Ms. MAANASA NARAYAN (1KS14CS051)

of K.S. INSTITUTE OF TECHNOLOGY, BANGALORE

has passed the B.E. (Computer Science & Engineering)

Degree Examination with Tenth Rank at the said Examination held during July 2018.

Date : MAR 18, 2019

Registrar (Evaluation)

Fig. 2.2.1 C9 VTU Rank Holder certificate

SMART INDIA HACKATHON 2018

CERTIFICATE

SOFTWARE EDITION

Grand Finale
30th and 31st
March 2018

Winner of SIH 2018

This Certificate is awarded to

ADITHYA KUMAR of team ELECTRIC SHEEP

as Winner of

'Smart India Hackathon, 2018'.

Shri R. Subramanyam

Dr. Anil D. Sahasrabudhe

Shri Vinay Sahasrabuddhe

Dr. Anand Deshpande

Prof. Dilip Motkhede

Dr. Arun Jamkar

Dr. Abhay Jere

Fig. 2.2.1 C10 SIH Winner certificate

D. Quality of classroom teaching (Observation in a Class)

Monitoring quality in class room teaching

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 Coursera, 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.

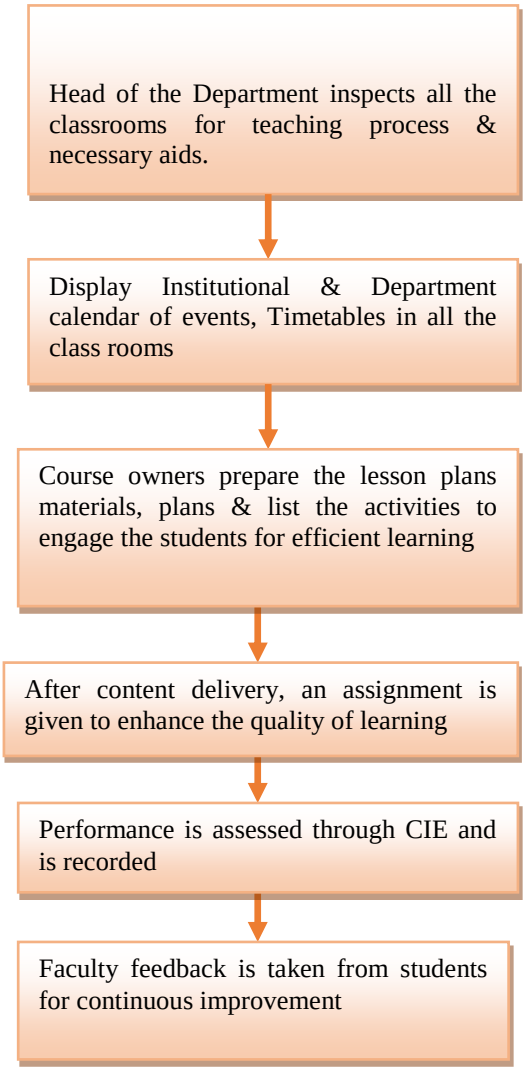


Fig 2.2.1.D1 Process for monitoring quality in class room teaching

Lecture delivery:
Breakup of class duration
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. Relevant examples are utilized to convey the importance of the topic to be discussed. Detailed discussion is carried out 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. Conduct of experiments (Observation in Lab)
Conduction of lab class

Breakup of lab duration-The laboratory duration of 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, components/ software tools required, procedure of conduction, tabulation of observations and detailed theoretical background of the experiment.

Demonstration of conduction procedure / handling of equipment.

Experiment conduction by students and recording of data.

Demonstration of calculation procedure, discussion on results obtained.

Evaluation of observation, record book and viva-voce on experiments conducted as per the rubrics framed.

Quality in laboratory practice is ensured through following processes;

- Syllabus, Scheme of evaluation are displayed in all laboratories in the beginning of the semester.
- Experiments are conducted by the course in-charge with the assistance of instructor (In absence of students) at the beginning of each semester to check the correctness of the equipment and check for the problems if any so that corrective actions can be taken.
- A laboratory manual is prepared.

- CIE is conducted at the end of semester.

F. Continuous Assessment in the Laboratory

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
EVALUATION 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. Internal test is conducted at the end of the semester and evaluated.

Table 2.2.1.F1: Evaluation of Laboratory course

COURSE: **COURSE CODE:**

Sl. No.	Particulars	Max Marks
1	OBSERVATION BOOK	10 marks
2	RECORD BOOK	10 marks
3	VIVA-VOCE	10 marks
4	LAB INTERNAL ASSESSMENT	10 marks
	Total	**40 marks**

Kammavari Sangham (R)-1952

K.S.GROUP OF INSTITUTIONS

K.S. INSTITUTE OF TECHNOLOGY

ACCREDITED BY NAAC

(Approved by AICTE & Affiliated to VTU)

KANAKPURA ROAD, BENGALURU - 560 109

Laboratory Certificate

This is to certify that Mr./Ms. NIKITHA . M has satisfactorily completed the course of experiments in DATA STRUCTURES laboratory, Code. 18CSL38. prescribed by Visvesvaraya Technological University, Belgaum for the III Semester B.E C S E Branch in this College during the academic year 20.19 . . - 20. .20 . .

Name of the Candidate : NIKITHA . M

USN : 1KS18CS062 Subject (with code). DSL (18CSL38

Internal assessment marks awarded : 30/30 + 10/10 = 40/40

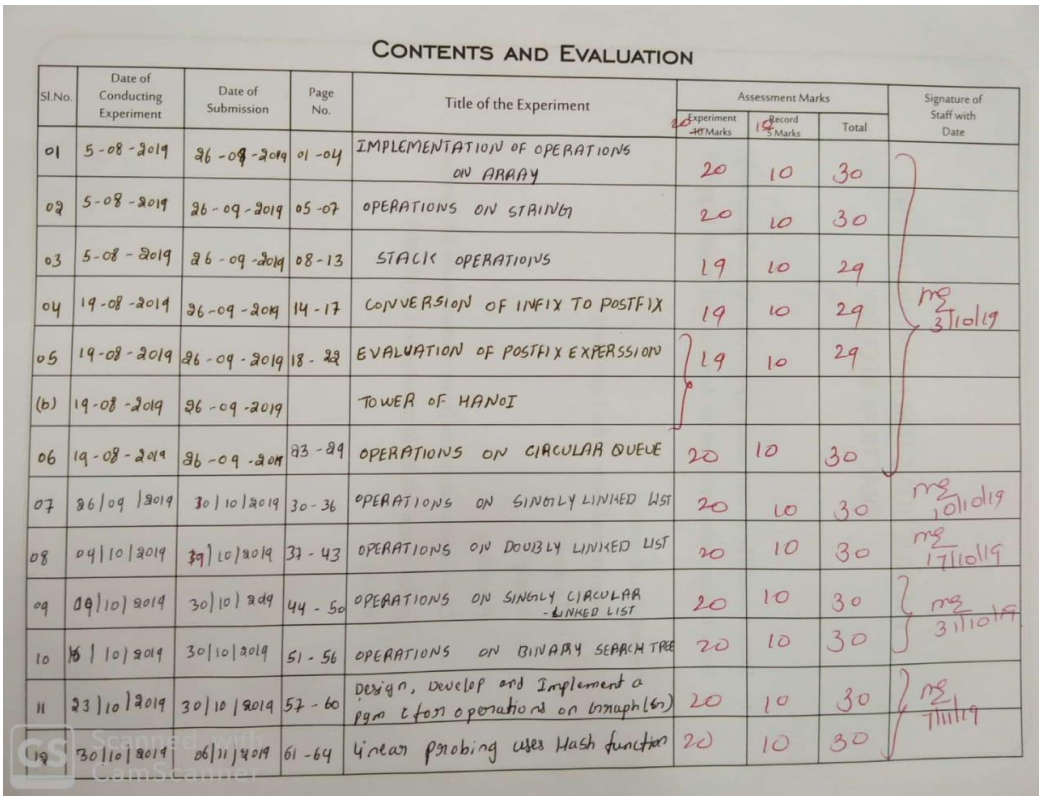
Signature of Staff Incharge

Date: 25/11/2019

Signature of Head of Department

Head of the Department
Dept. of Compute...
K.S. Institute of ...
Bengaluru - 560 109

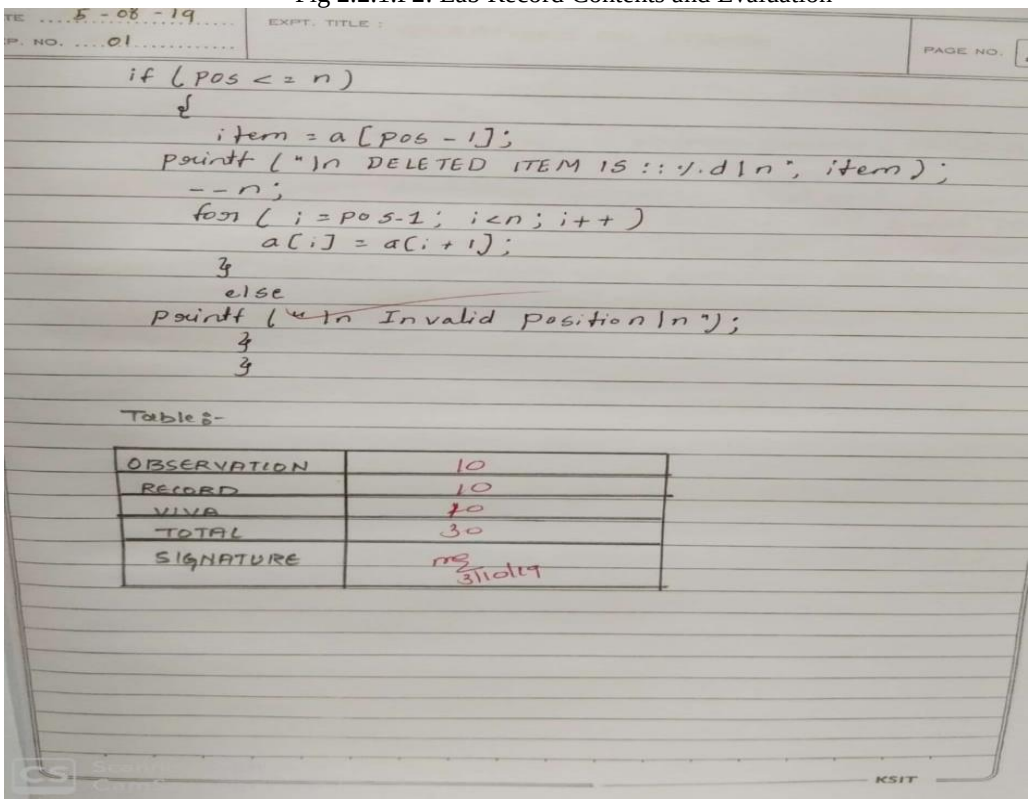
Fig 2.2.1.F1: Laboratory Certificate with Lab record and Test marks



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 20 Marks	Record 10 Marks	Total	
01	5-08-2019	26-09-2019	01-04	IMPLEMENTATION OF OPERATIONS ON ARRAY	20	10	30	
02	5-08-2019	26-09-2019	05-07	OPERATIONS ON STRINGS	20	10	30	
03	5-08-2019	26-09-2019	08-13	STACK OPERATIONS	19	10	29	
04	19-08-2019	26-09-2019	14-17	CONVERSION OF INFIX TO POSTFIX	19	10	29	ms 3/10/19
05	19-08-2019	26-09-2019	18-22	EVALUATION OF POSTFIX EXPERSSION	19	10	29	
(b)	19-08-2019	26-09-2019		TOWER OF HANOI				
06	19-08-2019	26-09-2019	23-29	OPERATIONS ON CIRCULAR QUEUE	20	10	30	
07	26/09/2019	30/10/2019	30-36	OPERATIONS ON SINGLY LINKED LIST	20	10	30	ms 10/10/19
08	04/10/2019	30/10/2019	37-43	OPERATIONS ON DOUBLY LINKED LIST	20	10	30	ms 17/10/19
09	09/10/2019	30/10/2019	44-50	OPERATIONS ON SINGLY CIRCULAR LINKED LIST	20	10	30	ms 31/10/19
10	16/10/2019	30/10/2019	51-56	OPERATIONS ON BINARY SEARCH TREE	20	10	30	
11	23/10/2019	30/10/2019	57-60	Design, Develop and Implement a pgm to for operations on Graph(BFS)	20	10	30	ms 7/11/19
12	30/10/2019	06/11/2019	61-64	Linear probing uses Hash function	20	10	30	

Fig 2.2.1.F2: Lab Record Contents and Evaluation



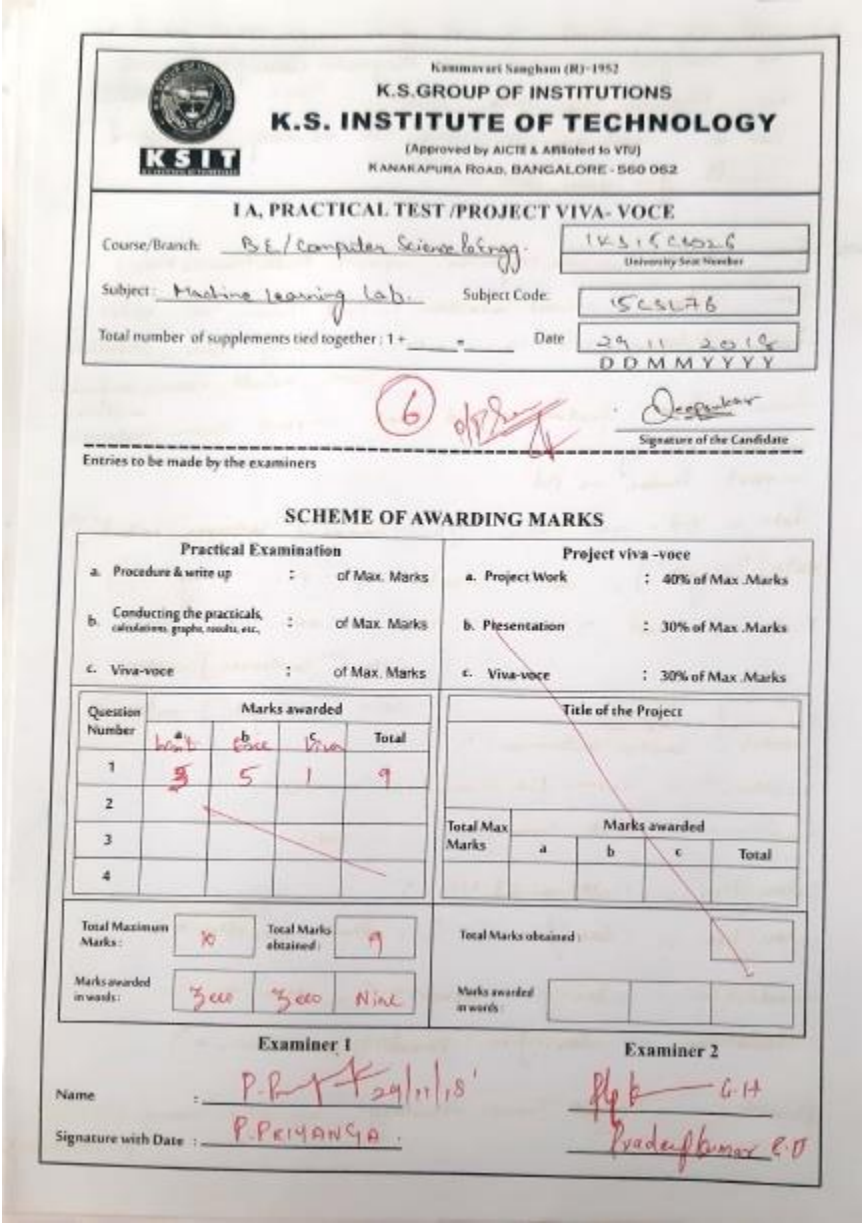
```
if (pos <= n)
{
    item = a[pos-1];
printf("\n DELETED ITEM IS :: %d\n", item);
--n;
for (i=pos-1; i<n; i++)
    a[i] = a[i+1];
}
else
printf("\n Invalid position\n");
}
```

Table :-

OBSERVATION	10
RECORD	10
VIVA	10
TOTAL	30
SIGNATURE	ms 3/11/19

KSIT

Fig 2.2.1.F3: Lab Record evaluation of an experiment



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(Approved by AICTE & Affiliated to VTU)
KANAKAPURA ROAD, BANGALORE - 560 062

I A, PRACTICAL TEST /PROJECT VIVA- VOCE

Course/Branch: B.E / Computer Science & Engg. — University Seat Number: 1KS15CS026

Subject: Machine learning lab. — Subject Code: 15CSL76

Total number of supplements tied together: 1 + ___ = ___ — Date: 29 11 2018 (DD MM YYYY)

6

Signature of the Candidate

Entries to be made by the examiners

SCHEME OF AWARDING MARKS

Practical Examination		Project viva -voce	
a. Procedure & write up	: of Max. Marks	a. Project Work	: 40% of Max .Marks
b. Conducting the practicals, calculations, graphs, results, etc.,	: of Max. Marks	b. Presentation	: 30% of Max .Marks
c. Viva-voce	: of Max. Marks	c. Viva-voce	: 30% of Max .Marks

Question Number	Marks awarded a	b	c	Total
1	3	5	1	9
2				
3				
4				

Title of the Project

Total Max Marks	Marks awarded a	b	c	Total

Total Maximum Marks: 10 — Total Marks obtained: 9

Marks awarded in words: Three | Three | Nine

Total Marks obtained: ___

Marks awarded in words: ___

Examiner 1

Name: P. Priyanka 29/11/18

Signature with Date: P. Priyanka

Examiner 2

G.H

Pradeep Kumar K.D

Fig 2.2.1.F4: Lab IA evaluation

G. Student Feedback of teaching learning process and actions taken

Teaching evaluation process: Feedback system

To ensure quality in class room teaching students feedback is recorded after the 1st & 2nd CIE, all the students are required to fill an online feedback-form apprising 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 feedback.

Frequency

- Feedback is taken from students in each semester for all the theory class with about respective faculty handling the course.
- The feedback is taken after the 1st & 2nd CIE.

Analysis

Feedbacks are tabulated by the Principal in consent with Head of the Department.

Action taken

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

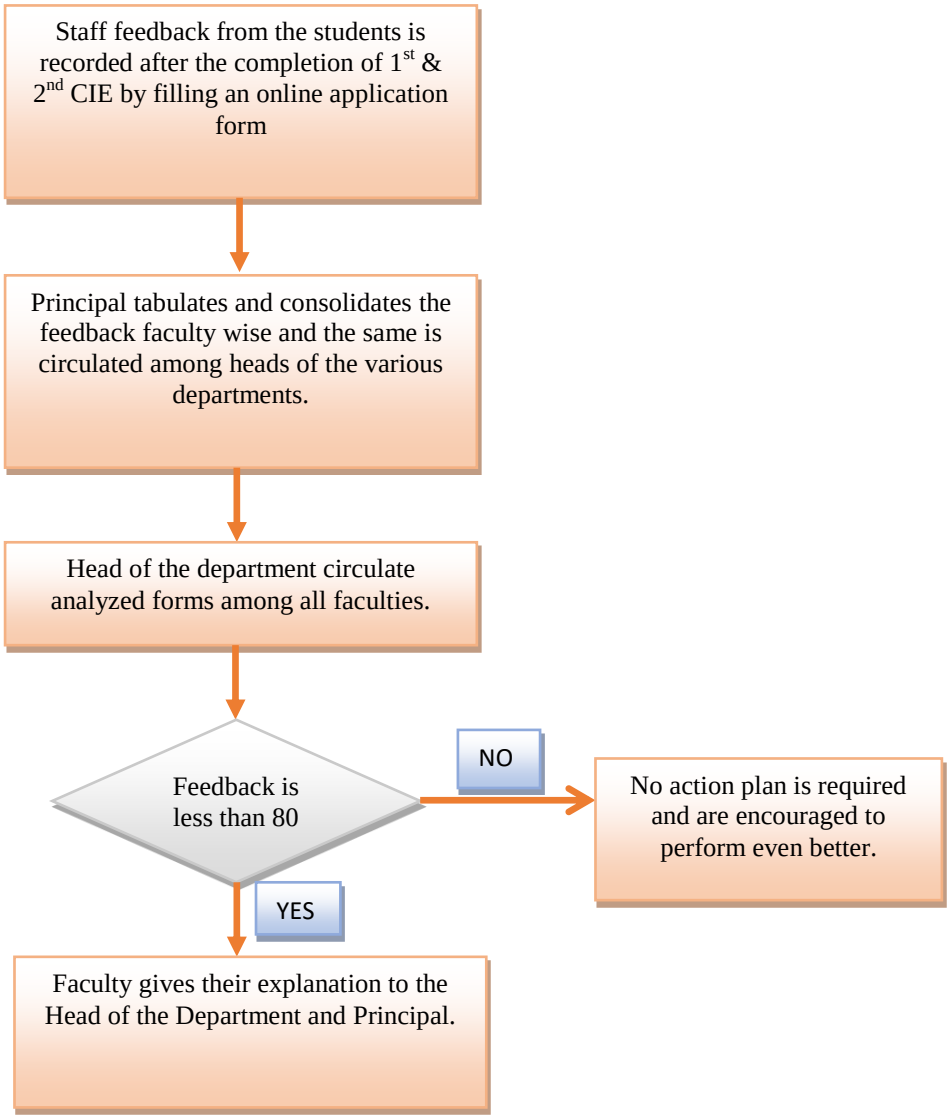
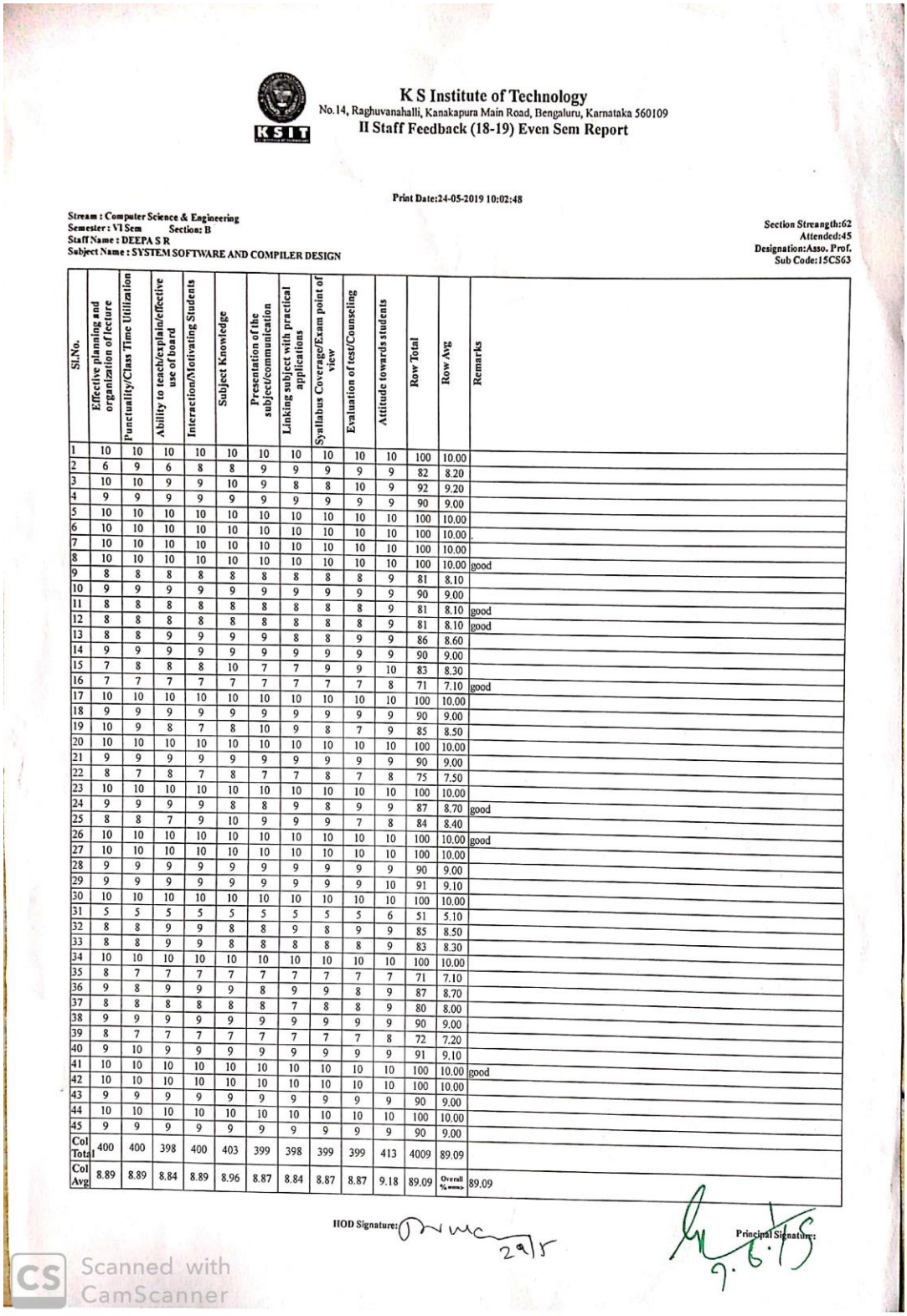


Fig. 2.2.1.G1 Feedback Process



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 10:02:48

Stream : Computer Science & Engineering
Semester : VI Sem Section: B
Staff Name : DEEPA S R
Subject Name : SYSTEM SOFTWARE AND COMPILER DESIGN

Section Streangth:62
Attended:45
Designation:Asso. Prof.
Sub Code:15CS63

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	Syallabus Coverage/Exam point of view	Evaluation of test/Counseling	Attitude towards students	Row Total	Row Avg	Remarks
1	10	10	10	10	10	10	10	10	10	10	100	10.00	
2	6	9	6	8	8	9	9	9	9	9	82	8.20	
3	10	10	9	9	10	9	8	8	10	9	92	9.20	
4	9	9	9	9	9	9	9	9	9	9	90	9.00	
5	10	10	10	10	10	10	10	10	10	10	100	10.00	
6	10	10	10	10	10	10	10	10	10	10	100	10.00	
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	good
9	8	8	8	8	8	8	8	8	8	9	81	8.10	
10	9	9	9	9	9	9	9	9	9	9	90	9.00	
11	8	8	8	8	8	8	8	8	8	9	81	8.10	good
12	8	8	8	8	8	8	8	8	8	9	81	8.10	good
13	8	8	9	9	9	9	8	8	9	9	86	8.60	
14	9	9	9	9	9	9	9	9	9	9	90	9.00	
15	7	8	8	8	10	7	7	9	9	10	83	8.30	
16	7	7	7	7	7	7	7	7	7	8	71	7.10	good
17	10	10	10	10	10	10	10	10	10	10	100	10.00	
18	9	9	9	9	9	9	9	9	9	9	90	9.00	
19	10	9	8	7	8	10	9	8	7	9	85	8.50	
20	10	10	10	10	10	10	10	10	10	10	100	10.00	
21	9	9	9	9	9	9	9	9	9	9	90	9.00	
22	8	7	8	7	8	7	7	8	7	8	75	7.50	
23	10	10	10	10	10	10	10	10	10	10	100	10.00	
24	9	9	9	9	8	8	9	8	9	9	87	8.70	good
25	8	8	7	9	10	9	9	9	7	8	84	8.40	
26	10	10	10	10	10	10	10	10	10	10	100	10.00	good
27	10	10	10	10	10	10	10	10	10	10	100	10.00	
28	9	9	9	9	9	9	9	9	9	9	90	9.00	
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	5	5	5	5	5	5	5	5	5	6	51	5.10	
32	8	8	9	9	8	8	9	8	9	9	85	8.50	
33	8	8	9	9	8	8	8	8	8	9	83	8.30	
34	10	10	10	10	10	10	10	10	10	10	100	10.00	
35	8	7	7	7	7	7	7	7	7	7	71	7.10	
36	9	8	9	9	9	8	9	9	8	9	87	8.70	
37	8	8	8	8	8	8	7	8	8	9	80	8.00	
38	9	9	9	9	9	9	9	9	9	9	90	9.00	
39	8	7	7	7	7	7	7	7	7	8	72	7.20	
40	9	10	9	9	9	9	9	9	9	9	91	9.10	
41	10	10	10	10	10	10	10	10	10	10	100	10.00	good
42	10	10	10	10	10	10	10	10	10	10	100	10.00	
43	9	9	9	9	9	9	9	9	9	9	90	9.00	
44	10	10	10	10	10	10	10	10	10	10	100	10.00	
45	9	9	9	9	9	9	9	9	9	9	90	9.00	
Col Total	400	400	398	400	403	399	398	399	399	413	4009	89.09	
Col Avg	8.89	8.89	8.84	8.89	8.96	8.87	8.84	8.87	8.87	9.18	89.09	Overall %age	89.09

HOD Signature: 29/5

Principal Signature: 9.6.19

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Fig 2.2.1.G2 Faculty Feedback

K.S INSTITUTE OF TECHNOLOGY, BENGALURUR-109

REPORT ON THE STUDENTS FEEDBACK(<80%)

Name Of The Faculty:		**CSE**	
Branch: Computer Science & Engineering	**Sem: V 'B'**	**Class Strength: 41 Attended:34**	**FeedBack%: 79**
Subject: DotNet Framework For Application Development		**Subject Code:15CS564**	

Criteria	
Learning Behaviour of the students in the class room	Some of the students are very good and interactive. Few are poor in understanding of programming concept.
Interaction of the students with faculty	Interaction with students is very good.
Feed back on the subject	Moderate
Test performance & expected pass percentage	Test performance is Good and Expected pass percentage is more than 85%
Feedback Criteria's/areas need to be Attended	Feedback Criteria's are Good
Remedies planned & to be implemented	Since JAVA and C# have similar programming concept, I executed all C# program in the class and explained the concepts in detail with syntax. Provided handwritten notes and softcopy of executed programs with output for each Module.

Note: Handwritten notes & softcopy of programs are available in Pupilpod for further student reference

Nuruupur
HOD Signature 27/11/18

27.11.18
Principal Signature

Fig 2.2.1.G3 Action Taken

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

Institute Marks:19.00

A. Process for internal semester question paper setting and evaluation and effective process implementation

CIE are conducted very strictly in the department as shown in the process flow chart. The staff members and the students are well aware of the all the CIE dates as per the calendar of events. Three CIE will be conducted for each course. Question papers are prepared based on Bloom's taxonomy, highlighting the course outcomes. Course owners will have a commitment to complete all the course outcomes before third CIE. Two sets of question papers and one assignment along with the scheme of evaluation are set for each subject 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.

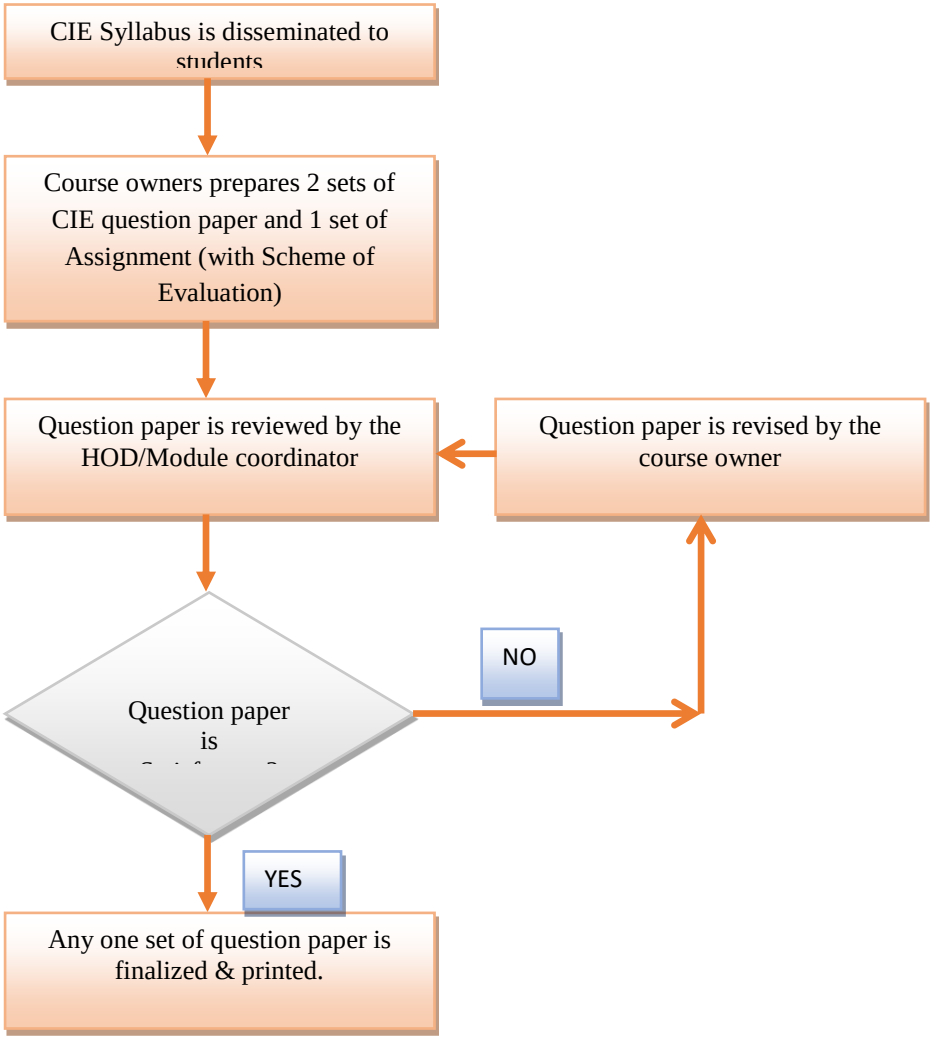

Fig. 2.2.2 A1 Process for internal semester question paper setting

Evaluation of test blue books:

The test books are evaluated and the marks are submitted to the HOD within a week from the date of completion of the test. The academic progress is communicated to the ward's parents through mentors from time to time and same is used for attainment calculations.

B. Process to ensure questions from outcomes/learning levels perspective (5)

- The questions are framed covering all the course outcomes to ensure effective learning of the course.
- An Improvement test will be given to those who have either missed a CIE for valid reasons or for those who want to improve upon their earlier performance.
- Question papers will have two parts and maximum of 3 subsections in each part. The choice will be given for each part.

C. Evidence of COs coverage in class test / mid-term tests

CIE Question papers are prepared based on Bloom's taxonomy, highlighting the course outcomes.

SET B

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

USN

Degree	:	B.E	Semester	:	III A & B
Branch	:	Computer Science and Engineering	Subject Code	:	18CS34
Subject Title	:	Computer Organization	Date	:	22-11-19
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)	**Construct** binary addition/subtraction logic network.	5	CO4	Applying (K3)
(b)	**Organize** a carry look ahead adder for 4 bits and write the general forms of sum, carry, propagate and generate functions.	5	CO4	Applying (K3)
(c)	**Identify** the three steps to execute an instruction using IR and PC registers	5	CO5	Applying (K3)
	OR			
2(a)	**Make use** of logic gates to design full adder for a single stage.	5	CO4	Applying (K3)
(b)	**Develop** of 16 bit carry look ahead adder and prove that the delay in generation of carry and sum are less than cascaded eight 4 bit adders.	5	CO4	Applying (K3)
(c)	**Build** the hardware implementation for one bit of register Ri	5	CO5	Applying
	PART-B			
3(a)	**Develop** a 16 bit adder using 4 bit ripple carry adder	5	CO4	Applying (K3)
(b)	**Perform** multiplication for +13 and -6 using Booth's algorithm	5	CO4	Applying (K3)
(c)	**Construct** an Input output gating for the register	5	CO5	Applying (K3)
	OR			
4(a)	**Identify** the efficiency in terms of summands in bit pair recording with the help of an example.	5	CO4	Applying (K3)
(b)	**Solve** the operation of division using a) restoring and Non storing methods for X=0101, Y=11111	5	CO4	Applying (K3)
(c)	**Build** a single bus organization of the data path inside a processor	5	CO5	Applying (K3)

Signature of Course incharge Signature of Module Coordinator Signature of HOD CSE 15/11/19

Signature of Principal

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Fig 2.2.2.C1 CIE Paper

K S INSTITUTE OF TECHNOLOGY
Bangalore – 560109
Department of Mechanical Engineering

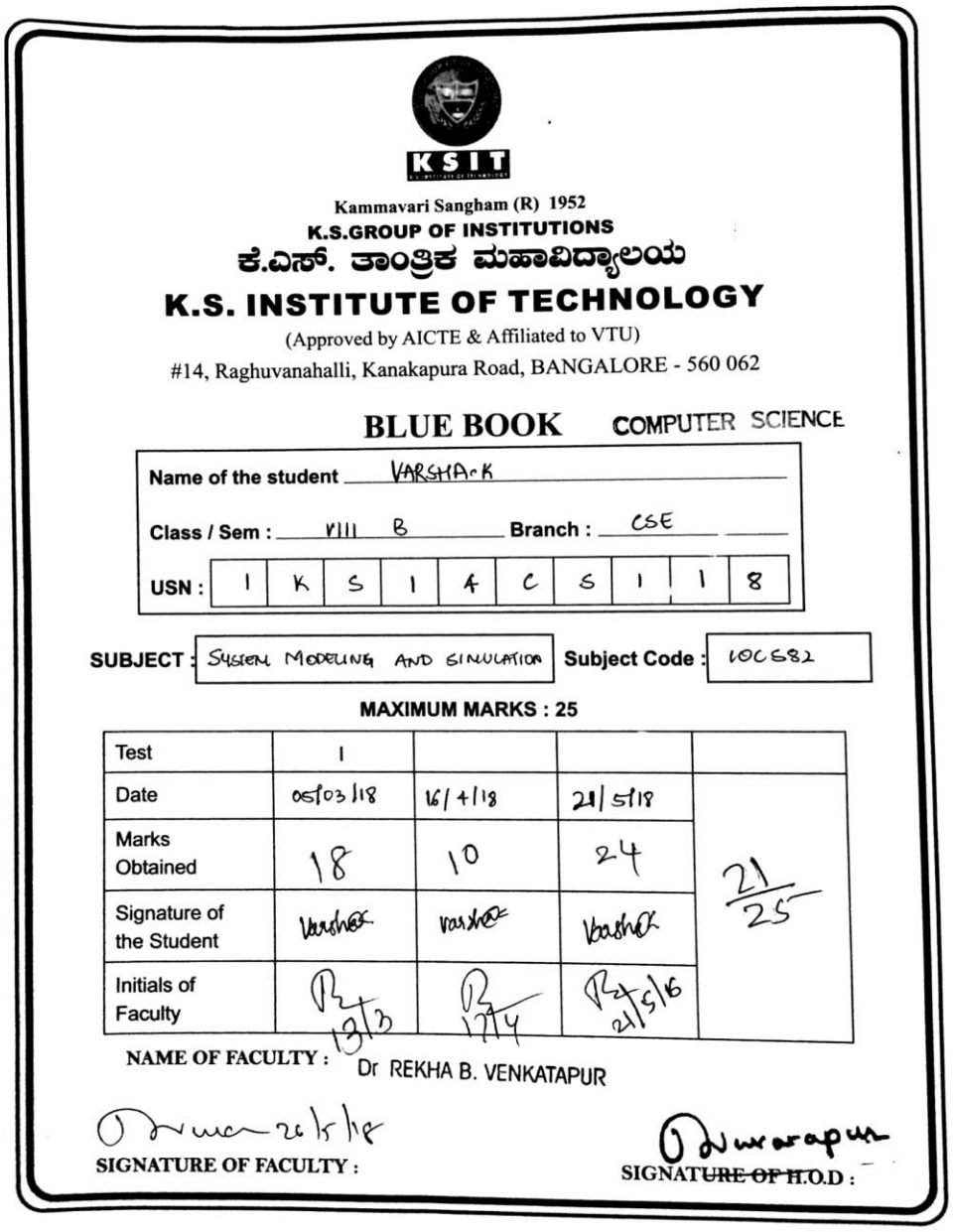
CIE Question paper Scrutiny format

Course Name	Web Technology & its Application
Course Code	15CS71
Course Incharge	Pradeep Kumar G.H
Academic year	2019-20
Semester	7th sem
CIE #	1
Set	A/B
Scrutiny parameters	
Whether questions are according to assessment plan?	Yes / No; If No, Suggestions:
Whether questions prepared are within the covered syllabus?	Yes / No; If No, Suggestions:
Whether all questions are mapped to CO/PO properly?	Yes / No; If No, Suggestions: Co Po's were not uniformly distributed
Whether questions framed are according to Blooms level?	Yes / No; If No, Suggestions:
Whether marks distribution for each question are correct?	Yes / No; If No, Suggestions:
Whether questions paper follows the format displayed?	Yes / No; If No, Suggestions: fonts and level distribution should be uniform
Difficulty level	Very High/ High/ Moderate/ Low
Final decision	Accepted without corrections/ Accepted with minor corrections/ ✓ Not accepted

Signature with date of CIE Question paper setter

19/9/2019
Name and Signature with date of CIE Question paper Scrutiniser

Fig 2.2.2.C2. Question paper scrutiny



Kammavari Sangham (R) 1952
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ಕೆ.ಎಸ್. ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ
K.S. INSTITUTE OF TECHNOLOGY
(Approved by AICTE & Affiliated to VTU)
#14, Raghuvanahalli, Kanakapura Road, BANGALORE - 560 062

BLUE BOOK COMPUTER SCIENCE

Name of the student VARSHA.K
Class / Sem : VIII B Branch : CSE
USN : 1 K S 1 4 C S 1 1 8

SUBJECT : SYSTEM MODELING AND SIMULATION Subject Code : 10CS82

MAXIMUM MARKS : 25

Test	1			
Date	05/03/18	16/4/18	21/5/18	
Marks Obtained	18	10	24	21/25
Signature of the Student	Varsha	Varsha	Varsha	
Initials of Faculty	13/3	17/4	21/5/18	

NAME OF FACULTY : Dr REKHA B. VENKATAPUR

SIGNATURE OF FACULTY :

SIGNATURE OF H.O.D :

Fig 2.2.2.C3. Blue book evaluation

D. Quality of assignments and relevance to COs:

All faculties have been strictly informed to cover all the CO's during the course of the semester. In spite of this to promote self-learning and to gain thorough knowledge in the subject assignments/quiz/Surprise test are given so that the learning levels of students can be evaluated. The assignments/quiz/surprise test is subsequently evaluated and is

considered not only for internal marks but also for attainment purposes.

KSIT Bangalore

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ASSIGNMENT QUESTIONS

Academic Year	2018-2019		
Batch	2016-2020		
Year/Semester/section	VI A & B		
Subject Code-Title	15CS63- SYSTEM SOFTWARE & COMPILER DESIGN		
Name of the Instructor	Mrs. Deepa .S.R	Dept	CSE

Assignment No: 3 **Total marks:10**
Date of Issue: 6-5-19 **Date of Submission: 21-5-19**

Sl.No	Assignment Questions	K Level	CO	Marks
1.	**Identify** whether this grammar is LL(1) by writing the LL(1) grammar rules S → (L) | a L → L , S | S	Applying(K3)	CO3	1
2.	**Make use of** grammar in Q1, show parsing moves of LL(1) parser for the input (a,a)	Applying(K3)	CO3	1
3.	**Make use of** a shift reduce parser for accepting string id1*id2, considering the grammar E->E+T | T T->T*F | F F -> id also write the actions and conflicts of shift reduce parser	Applying(K3)	CO4	1
4.	**Construct** set of canonical LR(0) items for the following grammars A->(A)| a, is the grammar SLR(1)	Applying(K3)	CO4	1
5.	**Make use of** grammar in Q4, show the parsing steps of SLR Parser for the given string ((a))	Applying(K3)	CO4	1
6.	**Obtain** Handles for id+id using the grammar E->E+T | T T->T*F | F F -> id , also define handle and Handle pruning	Applying(K3)	CO4	1
7.	**Construct** the SDD for simple desk calculator , annotated parse tree and dependency graph for 3*5+4n	Applying(K3)	CO5	1
8.	**Construct** the quadruple, triple and indirect triple for a+-(b+c)	Applying(K3)	CO5	1
9.	**Construct** the DAG for the following expression along with SDD and steps for: a+a*(b-c)+(b-c)*d	Applying(K3)	CO5	1
10.	**Identify** the issues in the design of code generator	Applying(K3)	CO5	1

deepa
Signature of Course Incharge

13/5/19
Signature of HOD/CSE

Scanned with CamScanner

Fig 2.2.2.D1 Assignment

2.2.3. Quality of student projects (25) *Institute Marks: 25.00*

A. Identification of project and allocation methodology to faculty members

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

- To ensure no repetition, the projects list of previous year projects are displayed in the notice board
- During 7th semester students are asked to form the batches as per their choice.
- Faculty will propose possible domains in which research can be done.
- Students are advised to select a project in consultation with the faculty to carry out literature survey and submit synopsis to the project coordinators.
- 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.
- 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, specialized faculty member will be allotted to guide the project.
- For monitoring progress made by the students Project evaluation is carried out in three phases. Evaluation is done by the panel members and moderation marks is given by the Head of the Department.

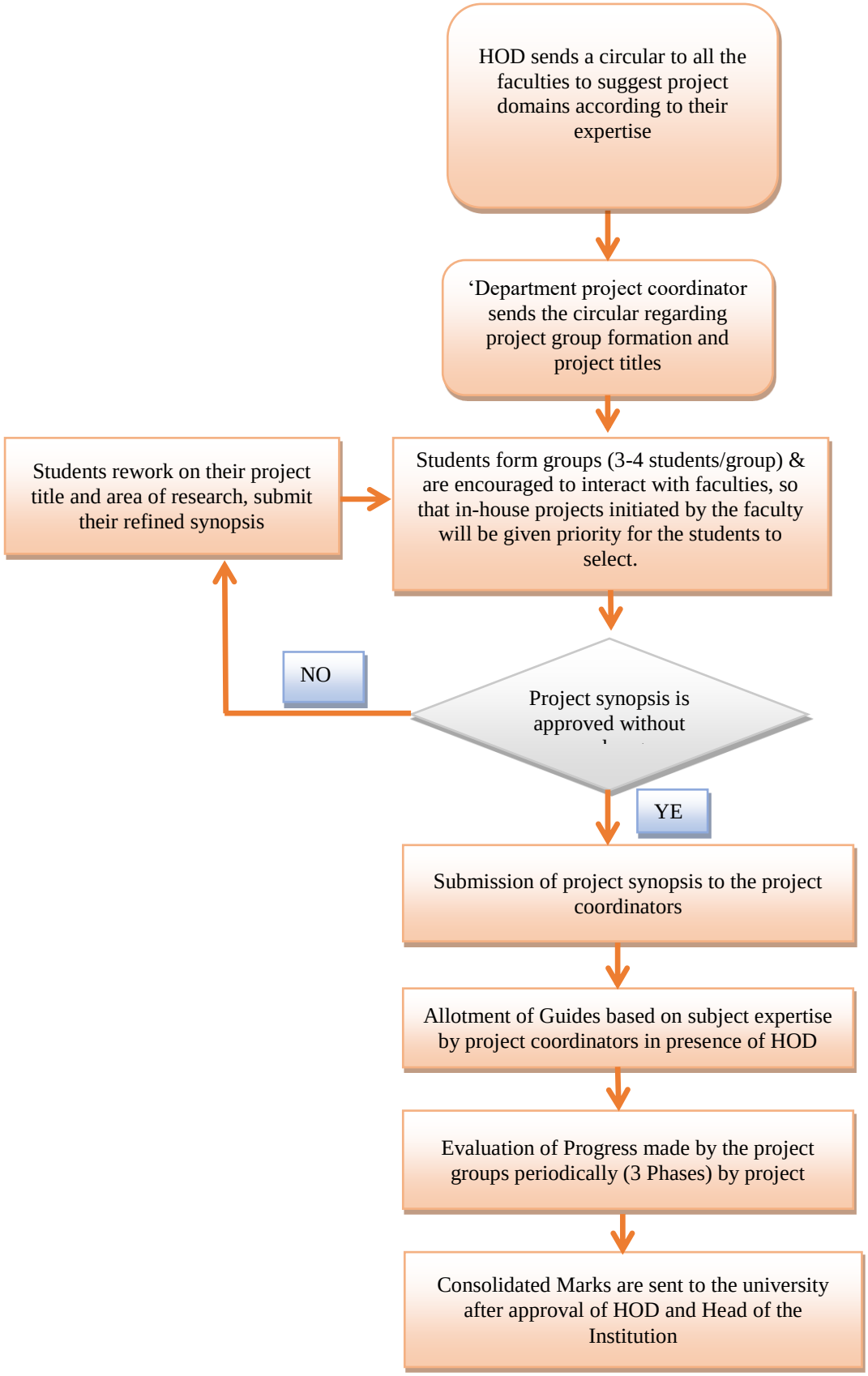


Fig 2.2.3.A1 Identification of project & allocation methodology

Identification of projects and allocation methodology

- During 7th Semester, students are asked to form the batches as per their choice.
- Faculty interest in various fields is disseminated to students.
- Students are advised to carry out literature survey.
- In the beginning of the 7th Semester the students will be presenting their Project Ideas.
- In the presentation, the students will be intimated about the shortcomings or additional

  features to be added.

B. Types and relevance of projects and their contributions towards PO and PSO.

Table 2.2.3 B1 Project mapping 2020-21

Team Members	USN	Guide Alloted	Project Title	Project Category	Type	Execution of Project	Innovation	Environment	Cost	Society	Safety	Ethics	PO/PSO Mapping
Amogha Manjunatha K	1KS17CS006	Dr. Ram P Rustagi	Be My Book	Institute	Application	Executed	√			√	√	√	PO1,2,3,4,5,6,7,8,9,10,11,12 PSO1,PSO2
Sakshi Kumari	1KS17CS071												
Srikala K M	1KS17CS083												
Swati Pai	1KS17CS089												
Rakshith.R	1KS17CS061	Prof. Krishna Gudi	Breast Cancer Prediction using Deep Learning techniques.	Institute	Application	Executed	√			√	√	√	PO1,2,3,4,5,6,7,8,9,10,11,12 PSO1,PSO2
Rohith. K	1KS17CS062												
Shri Harsha Kulkarni	1KS17CS077												
Shreyas R	1KS17CS076	Dr. Ram. P. Rustagi	EVA: Email Voice Assistant	Institute	Application	Executed	√			√	√	√	PO1,2,3,4,5,6,7,8,9,10,11,12 PSO1,PSO2
Supreetha R Kashyap	1KS17CS086												
Vishal M S	1KS17CS100												
Vybhavi J	1KS17CS101												
Aafreen Hussain	1KS17CS001	Prof. Sougand	Alphanumeric	Institute	Application	Executed	√			√	√	√	PO1,2 PSO1
Akshith	1KS17												

a B. S	CS004	hika Narayan	character recognition in audio/text based Captcha										,PSO 2
Anoop P.S	1KS17 CS008												
Pavani. M	1KS17 CS053	Prof. Sneha K	Android Based Application for Senior Citizen	Institute	Application	Executed		√		√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Sindhu H S	1KS17 CS078												
Bharathi R	1KS17 CS401												
Varna M	1KS16 CS110												
Ruchitha.G.k	1KS17 CS066	Dr. Swathi.K	Dog breed identification with products classification and assisted services.	Institute	Application	Executed		√		√	√	√	PO1, 2 PSO1 ,PSO 2
Spoorthi .R	1KS17 CS081												
Varun Attiganal Venkatesh	1KS17 CS096												
Supriya K	1KS17 CS087	Prof. Prashanth H S	Blockchain: A Panacea for Healthcare Cloud-Based Data Security and Privacy	Institute	Application	Executed	√			√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Sujana G N	1KS17 CS085												
Varshini N Prakash	1KS17 CS094												
S Monika	1KS17 CS067												
POOJA R	1KS17 CS055	Prof. Kumar K	Listen for Vision	Institute	Application	Executed	√			√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
TEJAS C S	1KS17 CS092												
SRUSHTI A	1KS17 CS084												
PRAVEEN A	1KS17 CS058												
Amrutha	1KS17	Prof.	E-	Insti	Applicat	Exec		√		√	√	√	PO1,

V Deshpande	CS007	Sanjoy Das	Convocation Website Using VR	tute	ion	uted							2,3,4,5,6,7,8,9,10,11,12 PSO1,PSO2
Chaitra	1KS17CS017												
Lakshmi Prasanna B	1KS17CS014												
Karthik T.C	1KS17CS033												
Praveen	1KS17CS057	Prof. Harshavardhan J.R	Web Interaction Without Keyboard and Mouse	Institute	Application	Executed	√			√	√	√	PO1,2,3,4,5,6,7,8,9,10,11,12 PSO1,PSO2
Vikram S C	1KS17CS098												
Praveen S	1KS17CS059												
Chaitanya	1KS17CS091												
Kavitha S	1KS17CS034	Dr. Deepa SR	Detection of Fake and Clone Accounts on Twitter	Institute	Application	Executed	√			√	√	√	PO1,2,3,4,5,6,7,8,9,10,11,12 PSO1,PSO2
Kruthika B M	1KS18CS401												
Rajashree Shivakumar	1KS17CS060												
Sharanya H	1KS17CS074												
Parth P Shah	1KS17CS052	Prof. Roopesh Kumar B N	Armament Detection and Alert System Using Yolo Algorithm	Institute	Application	Executed	√	√		√	√	√	PO1,2 PSO1,PSO2
Shashank Shet K	1KS17CS075												
Rohith. R	1KS17CS063												
Harshitha V	1KS17CS029	Dr. Dayananda RB	Pulse Rate Detection	Institute	Application	Executed	√			√	√	√	PO1,2 PSO1,PSO2
Meghana CV	1KS17CS041												
Nikita Katari	1KS17CS047												
Roopashree N	1KS17CS064	Dr. Swathi K	Intuitive Perception: Speech Recognition Using	Institute	Application	Executed	√			√	√	√	PO1,2 PSO1,PSO2
Sai Sneha S V	1KS17CS070												
Spoorthi V	1KS17CS082												

			Machine Learning										
Bhavesh Bhansali	1KS17CS016	Prof. Vaneeta M	API for Document Resizing, Validation and Verification	Institute	Application	Executed		√		√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Ganesh Maudghalya H G	1KS17CS025												
Karan Raghunath	1KS17CS032												
P Kishore	1KS17CS051												
Akshatha Ramesh	1KS17CS003	Prof. Roopesh Kumar B N	COUNTERFIETNOTES DETECTION	Institute	Application	Executed		√		√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Amogh R	1KS17CS005												
Darshan S	1KS17CS020												
Nikhil Subramanya K	1KS17CS046												
Sindhu M	1KS17CS079	Prof. Raghavendrachar. S	Animal Intrusion Detection Using Machine Learning	Institute	Application	Executed	√	√		√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Varshitha s	1KS17CS095												
Surakshitha M	1KS17CS088												
Roshini R	1KS17CS065												
Anushree J	1KS17CS011	Prof. Raghavendrachar. S	E-Defence for People Safety	Institute	Application	Executed	√	√		√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Nischitha C	1KS17CS048												
Nydile G R	1KS17CS050												
T K Dhanushree	1KS17CS090												
Chennakeshava NT	1KS17CS019	Prof. K Venkata Rao	Remote Access	Institute	Application	Executed		√		√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Chandana BR	1KS17CS018												
Indrasena Kalyanam	1KS17CS030												
Lokesh B M	1KS17CS038												

Deepika S H	1KS17CS022	Prof. Kushal Kumar BN	Virtual 3D Trial Room	Institute	Application	Executed	√	√		√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Anusha A G	1KS17CS010												
Divya Yashaswini Kanney	1KS17CS023												
H. Priyanka	1KS17CS027												
Keerthi N	1KS17CS035	Prof. Vijayalakshmi M	Finger Vein Detection Using Image Processing	Institute	Application	Executed		√		√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Meghana G R	1KS17CS043												
Shrirakshha S Kanago	1KS17CS102												
Meghana H S	1KS16CS042												
Ganesh G B	1KS17CS024	Prof. Krishna Gudi	Web Based Book-Reselling Store	Institute	Application	Executed	√			√	√	√	PO1, 2 PSO1 ,PSO 2
Gautham C R	1KS17CS026												
Nitish Kumar Gupta	1KS17CS049												
Sharada. A.	1KS15CS128	Dr.Rekha B Venkatapur	Behavioural Based Students Stress Detection with Attendance Management System	Institute	Application	Executed	√			√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Adarsh Shrestha	1KS15CS125												
Laxmi K V	1KS15CS050												
Shashank Kavur	1KS16CS090												
Deekshitha R	1KS17CS021	Prof. Beena K	Detection of Melanoma Skin Cancer	Institute	Application	Executed	√			√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Lavanya V	1KS17CS037												
Mounika M K L	1KS17CS044												
Neha K	1KS17CS045												
Krithika Jagannath	1KS17CS036	Dr.Rekha B Venkatapur	Voice-Based E-Prescription	Institute	Application	Executed	√			√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12
Abhishek Gowda	1KS17CS002												

MV													PSO1 ,PSO 2
Meghana G	1KS17 CS042												
Ashish Amar	1KS17 CS013												
Tharun K	1KS17 CS093	Prof. Harshavardhan J R	A Contactless Attendance System Using Real Time Face Recognition	Institute	Application	Executed	√			√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Manjunath A	1KS17 CS040												
Prashanth K	1KS17 CS056												
Hanumesh V T	1KS17 CS028												
Sandesh N	1KS17 CS072	Prof. Ranjitha	Text Extraction and Recognition from Images	Institute	Application	Executed		√		√	√	√	PO1, 2,3,4, 5,6,7, 8,9,1 0,11, 12 PSO1 ,PSO 2
Sai Kumar L S	1KS17 CS069												
Varun Reddy	1KS17 CS097												
Vinay Biradar	1KS17 CS099												

Table 2.2.3 B2 Project mapping 2020-21

Team Members		Project Guide	Project Title	Institution/research Project Category	Research/Application/Design Type	Execution of Project	Contributions applicable to the project						
USN	Name						Innovation	Environment	Cost	Society	Safety	Ethics	PO/PSO Mapping
1KS16CS058	NUKALA HARI VAMSI KRISHNA	Ms. Beena.K	Diagnosis of Diseases in potatoes leaves using IOT	Institution	Application	Executed	√			√		√	PO1, PO2, PO3, PO6, PO9, PO11, PSO1, PSO2
1KS16CS022	HARINI B H												
1KS16CS038	K MANASA REDDY												
1KS16CS005	AKSHATHA S KATTA												
1KS16CS001	ABHISHEK M	Mr. Roopesh Kumar.B.N	Demand Drivers for Commodities	Institution	Application	Executed	√			√		√	PO-1,2,3,4,5,6,10,11,12 PS-01
1KS16CS003	ADITYA SHANKAR												
1KS16CS033	KETAN KESHAV												
1KS16CS049	NAGALEKHA RAMESH												
1KS16CS010	APPANNAGOWDA D	Mr. Roopesh Kumar.B.N	Digi-Sign	Institution	Application	Executed	√			√		√	PO-1,2,3,4,5,8,9,10,11,12 PS-
1KS16CS024	HARSHITHA G R												

1KS16CS025	HITHAISHINIC												01
1KS16CS026	HRISHIKESHC V												
1KS16CS066	PRATIK N N	Mrs. Vaneeta M	Detection of Phishing websites using Machine Learning Techniques	Institution	Application	Executed	√			√		√	PO-1,2,3,4,5,6,8,9,10,11,12, PSO1, PSO2
1KS16CS062	PRADEEP K S												
1KS16CS063	PRAJWAL D												
1KS16CS103	SUHASKAKADE K												
1KS16CS094	SHREYAS H C	Mrs. Rashmi B H	Pneumonia prediction using Medical image modality										PO-1,2,3,4,5,6,8,9,10,11,12, PSO1, PSO2
1KS16CS071	PRUTHVI PATEL.A.S												
1KS15CS069	PRASHANTH.S												
1KS15CS127	VINUTHA S												
1KS16CS014	BHARATHKUMAR.T.B	Ms .Sneha Karamadi	Hand-talk Gloves with Flex Sensor	Institution	Application	Executed	√			√		√	PO1, PO2, PO3, PO6, PO9, PO11, PSO1, PSO2
1KS16CS019	DARSHAN.G.K												
1KS16CS052	NAVYA.N												
1KS16CS060	PAVAN GOWDA.B.K												
1KS16CS032	KEERTHI M	Ms. Sougandhika Narayan	Detection of DDoS attack using hybrid	Institution	Application	Executed	√						PO1, 2,3,4 ,PS-01
1KS16CS039	MANIPI MANOJ												
1KS16CS034	KIRANKUMAR M												
1KS16C	D												

S018	VISWATEJA		machine learning algorithms										
1KS16CS027	ISHANI KOUL	Dr. Dayanand a.R.B	Mental health Analysis by ABSA and user experience	Institution	Application	Executed	√		√	√	√	√	PO1,2,3,4,PS-01
1KS16CS023	HARSHITHA B S												
1KS16CS012	AYUSH GUPTA												
1KS16CS035	TARUN NAIDU												
1KS16CS098	SONALI SINHA	Mr. Kushal Kumar.B.N	Enhanced crop yield production using Data mining and machine learning techniques	Institution	Application	Executed	√			√		√	PO1,2,3,4,5,7,8,9,PS-01
1KS16CS065	PRASHANT TIWARI												
1KS16CS087	SHALINI.N												
1KS16CS067	PREKSHA J.W												
1KS16CS079	SAHANA S	Mr. Sanjoy Das	Gas leakage detection with IoT	Institution	Application	Executed	√			√	√		PO1,2,3,6,9,PS01
1KS16CS099	SOUJANYA K												
1KS16CS107	SWATHI M C												
1KS16CS095	SHRIVIDYAN	Ms. Sougandhika Narayan	Food distributution Framework using Smart container	Institution	Application	Executed	√	√		√			PO1, PO3, PO6, PO7, PS-01,2
1KS16CS093	SHREELEKHA R N												
1KS16CS113	VARSHITHA K												
1KS16CS123	RASHMI HEGADE												
1KS16C	ROHIT	Ms.	An	Insti	Applicati	Exe	√			√	√		PO1,

S077	H KUMAR B R	Ranjitha.K.N	IoT approach for motion activated security camera and Surveillance system	tution	on	cuted							2,3,6,7,PS01,2
1KS16CS074	RAKSHITH PAWAR												
1KS17CS405	NISHANTH A												
1KS16CS073	RAHUL V												
1KS16CS046	MONIKA.C	Dr. Ram. P.Rustagi	Audio Summary Transcriber	Institution	Application	Executed	√	√		√			PO1, 2,3,4,5,7,8,9,10,12,PSO-1,2
1KS16CS029	K.P.SUSEELA PRIYANKA												
1KS16CS089	SHANTANU KUMAR												
1KS16CS017	CHARLES THOMAS												
1KS16CS064	PRANJUL MISHRA	Dr. Ram. P.Rustagi	Smart Gesture Controller	Institution	Application	Executed	√		√	√		√	PO1, 2,3,4,5,6,8,9,10,11,12
1KS16CS006	AMAN SAGAR												
1KS14CS076	PAVAN KUMAR D	Dr. Ram. P.Rustag	Targeted marketing by using Wi-Fi probe requests	Institution	Application	Executed	√		√	√		√	PO1, PO2, PO3, PO6, PO9, PO11, PSO1, PSO2
1KS16CS115	VELLUVAYALA RAKESH SRIVATSAV												
1KS16CS078	RUTHVIK B.R												
1KS16CS114	VEDANTHI KART	Mr. Harshavar	Multiple Vech	Institution	Application	Executed	√	√		√	√		PO1, 2,3, 4,5,8,

	HIK N	dhan. J.R	icle monitoring and Security systems										9,10,11,12, PSO1, PSO2
1KS16CS102	SUHAS K J												
1KS15CS121	YASH AS H R												
1KS15CS091	SHANTHANU S												
1KS16CS108	TANUSHREE.P	Ms. Mamatha. R	IoT based intelligent pilll box (Any Time Medicine)	Institution	Application	Executed							PO1, PO2, PO3, PO6, PO9, PO11, PSO1, PSO2
1KS15CS035	HARSHITHA SAKCHI												
1KS15CS073	PRIYANKA.M												
1KS16CS101	SOURAB KUMAR	Dr. Ram. P.Rustagi	T-Cube (Teacher's Teaching Tool)				√			√		√	PO1, 2,3, 4,5,6, 8,9 ,10,11,12, PSO1, PSO2
1KS15CS009	ANUPAM. R	Mr. Krishna Gudi	Indoor Air Quality Monitoring system using Machine Learning with IoT	Institution	Application	Executed	√	√		√	√	√	PO1, 2,3,4, 5,6,7, 8, 9,10, 11,12, PSO1, PSO2
1KS15CS011	APOORVA V KUMAR												
1KS16CS057	NIVETHA . K												
1KS16CS009	ANANYA SHREEH BHARTUR												
1KS15CS014	BHARATH HG	Mr. Aditya Pai. H	Analysis and Classification of Water Purity	Institution	Application	Executed	√	√		√		√	PO1, 2,3,4, 5,6,7, 8, 9,10, 11,12,PSO1
1KS16CS021	GREESHMA S												
1KS16CS007	AMITH J S												
1KS16CS030	KAVYA D												

			based on parameteres stated by Central Pollution Control Board (CPCB)										
1KS16CS016	BHAVANA .R	Mr. Krishna Gudi	E-Commerce application for farmers	Institution	Application	Executed	√			√	√	√	PO1, 2,3,4, 5,6,7, 8, 9,1,1 1,12, PSO1 , PSO2
1KS16CS120	SINDHU SHREE												
1KS17CS407	SHRUTHI D N												
1KS16CS121	SUSHMA BASAVARAJNIDONI												
1KS16CS116	VENNALA KN	Mr. Raghavendrachar.S	Gaze PIN entry for Password Authentication	Institution	Application	Executed	√		√	√		√	PO1, 2,3, 4,5,6, 9,10 ,11,1 2, PSO1 , PSO2
1KS16CS100	SOUMYA DATTATREYA HEGDE												
1KS16CS112	VARSHA PURUSHOTHAM												
1KS16CS118	VIDYASHREE S												
1KS16CS053	NIHARIKA RAJARAM	Mr. K.Venkata Rao	Data Extraction from a Digital	Institution	Application	Executed	√		√	√		√	PO1, 2,3,4, 5,6,7, 8, 9,10, 11,1 2,
1KS16CS047	MONISHA R												
1KS16C	NIKHI												

S054	LA M Y		Text file and conversion into an Audio-Visual output										PSO1, PSO2
1KS15CS078	RAJEEV KOUSHIK YG												
1KS16CS040	MANMOHAN SINGH	Mr. Aditya Pai.H	Smart Locker System	Institution	Application	Executed	√			√		√	PO1, 2,3, 4,5,6, 9,10 ,11,12,PS 01,2
1KS16CS036	LAKSHYA RUHELA												
1KS16CS002	ADITYA MISHRA												
1KS15CS037	JAYRAJ BAGDAWALA												
1KS16CS045	MONICA M	Mr. Prashanth. H.S	Money exchange using android application	Institution	Application	Executed	√	√		√	√	√	PO1, 2,3, 4,5,6, 9,10 ,11
1KS16CS051	NARSINGH KUMAR												
1KS17CS406	SANDHYA K	Ms. Deepa.S.R	Automatic farming robot for smart and effective cultivation	Institution	Application	Executed	√		√	√			PO1, 2,3, 4,5,6, 9,10 ,11,12,PSO1,2
1KS17CS403	KARISHMA AJ												
1KS17CS404	NETHRAVATHI KG												
1KS16CS056	NITHYA G												
1KS16CS088	SHALINI V	Mr. Prashanth.	Smart Amb	Institution	Application	Executed	√	√	√	√		√	PO1, 2,3, 4,5,6,
1KS16C	SAND												

S083	HYA D	H.S	ulanc										9,10
1KS16C S091	SHEEL A		e with Traffi c contr ol										,11,1 2,PS O1,2
1KS16C S119	VYDE HI BHAT												
1KS16C S117	VIDHY A DHARI L	Ms. Vijay alax mi.M	An Imag e based Eye-Blink assist ive syste m for paral yzed patie nts	Insti tutio n	Applicati on	Exe cute d							PO1, PO2, PO3, PO6, PO9, PO11 , PSO1 , PSO2
1KS16C S105	SUPRI YA C												
1KS16C S084	SAND RA VAANI JA												
1KS16C S072	RAGH URAM G N	Ms. Deep a.S.R	Auto namy of atten dance using face recog nition	Insti tutio n	Applicati on	Exe cute d			√	√			PO1, 2,3,4, 5,6,9, 10 ,11,1 2,PS O1,2
1KS16C S104	SUHIL KM												
1KS16C S106	SURY A M												
1KS16C S076	RITWI K GS												
1KS16C S070	PRIYA NKA PANDI T	Mr. Kum ar.K	Enha ncem ent of Captc ha to prev ent non-intera ctive acces s	Insti tutio n	Applicati on	Exe cute d	√			√	√		PO1, 2,3,4, 5,6,7, 8, 9,10, 11,1 2, PSO1 , PSO2
1KS16C S109	TEJAS WINI G												
1KS16C S086	SAVIN AYA SHETT Y T N												
1KS16C S404	JYOTH I PRIYA. M												
1KS16C S037	LAVA NYA B	Mr. Prade ep Kum ar.G. H	Crop Predi ction using Mach ine Learn ing	Insti tutio n	Applicati on	Exe cute d							PO1, PO2, PO3, PO6, PO9, PO11 , PSO1 , PSO2
1KS16C S041	MEGH ANA B S												
1KS16C S048	MYTH RESH A												
1KS16C S055	NISAR GA B												
1KS16C	BHAR	Ms.	6-	Insti	Applicati	Exe	√			√	√		PO1,

S015	ATH P	Sneha C.R	Legged Crawling Robot for Virtual Telepresence	tution	on	cuted							2,3, 4,5,6, 9,10 ,11,12, PSO1 , PSO2
1KS16CS081	SAMEEKSHA M GUPTA												
1KS16CS061	POOJA SREEDHARAMURTHY												
1KS16CS013	BHAGWAT DAYAL												
1KS16CS031	KEERTHANA VIJAY BASKAR	Mr. Kumar.K	Assisted Distibuted kernal	Institution	Application	Executed					√		PO1, 2,3, 4,5,6, 9,10 ,11,12, PSO1 , PSO2
1KS16CS008	ANAND T R												
1KS16CS020	DHANVI P DESAI												
1KS16CS004	AKHILA N	Mr. Pradeep Kumar.G.H	Indoor Navigation using AR	Institution	Application	Executed							PO1, PO2, PO3, PO6, PO9, PO11 , PSO1 , PSO2
1KS16CS044	MOHIT P												
1KS16CS011	ARAVIND R												
1KS16CS082	SAMPATH KUMAR	Dr. Rekha. B.Venkatapur	Stock Market Prediction using Finacial News Articles	Institution	Application	Executed	√		√	√			PO1, PO2, PO3, PO6, PO9, PO11 , PSO1 , PSO2
1KS16CS092	SHRAVAN BHAT												
1KS16CS096	SIDDHANTH M												

Table 2.2.3 B3 Project mapping to POs and PSOs 2018-2019

Team Members		Project Title	Institution /research Project Category	Research/ Application/Design Type	Execution of Project	Contributions applicable to the project						
USN	Name					Innovation	Environment	Cost	Society	Safety	Ethics	PO/PSO Mapping
1KS15CS025	Deekshitha.M.B	Performance Study of IPFS over HTTP(S) Using multi-cloud platform(Example-AWS,GCP)	Institution	Application	Executed	√			√			PO1-PO2, PSO1-PSO2
1KS15CS055	Manoj.P											
1KS15CS054	Manoj kumar.B											
1KS15CS036	J sai vishnu											
1KS15CS097	Shreya S Pai	Smart Parking	Institution	Application	Executed	√		√		√	√	PO1, 2,3 PSO1,2
1KS15CS071	Prerana R											
1KS15CS122	Yashaswini M											
1ks15cs045	Kruthika S	Disease prediction using machine learning over Big data from Healthcare Communities	Institution	Application	Executed	√		√	√		√	PO1, 2 PSO1,2
1ks15cs034	HM Harshitha											
1ks15cs060	Namratha N											
1ks15cs019	Chaithra S											
1KS15CS018	Brunda S	IRIS Recognition in Bank	Institution	Application	Executed	√				√		PO1, 2 PSO1,2
1KS15CS124	Pushpa R											
1KS15CS027	Deepika G											
1KS15CS064	Neha Kousar											
1KS15CS065	Nikhil Meduri	Decentralized Distress Relief	Institution	Application	Executed	√		√	√	√		PO1, 2 PSO1,2
1KS15CS005	Adithi Hande T											
1KS15CS010	Apoorva V											
1KS15CS112	Syed Mohammed	Student Portal 101	Institution	Application	Executed	√			√	√		PO1-PO2, PSO1

	Wasi											-
1KS15 CS107	Suhaib Z Ahmed											PSO2
1KS16 CS412	Swathi V	Comprehensive Training and Placement Operations	Institution	Application	Executed	√				√	√	PO1
1KS15 CS080	Ranjana C A											
1KS15 CS081	Rishika Sinha											
1KS16 CS406	Kumara J											
1KS15 CS062	Narasimha Prasanna H N	Virtual Visits to ICU	Institution	Application	Executed	√		√	√		√	PO1-PO12 ,PSO 1-PSO2
1KS15 CS082	S N Shreyas											
1KS15 CS068	Prajwal J											
1KS15 CS046	Kushal S T											
1KS15 CS004	Abhishek S	Smart Campus Communication System	Institution	Application	Executed	√		√	√		√	PO1-PO12 ,PSO 1-PSO2
1KS15 CS003	Abhigna A											
1KS15 CS006	Adithya Kumar N S											
1KS15 CS044	Kruthika M R											
1KS15 CS089	sathish srinivas	smart Garbage Management System	Institution	Application	Executed	√		√	√		√	PO1-PO12 ,PSO 1-PSO2
1KS15 CS092	Shashwath G M											
1KS15 CS096	Shravya M S											
1KS15 CS103	Spandana Manjunath											
1KS15 CS033	Gaurav Pathak	speech based home automation system	Institution	Application Oriented	Executed	√		√	√	√	√	PO1, 2,5,6, 7,8,9, 10,11 PSO1 ,2
1KS15 CS057	Medhavi kumar											
1KS15 CS026	Deepankar Misri											
1KS15 CS013	Ashish Rao											
1ks15cs048	Lakshmikanth Bs	Near-field Communication for Payments	Institute	Application Oriented	Executed	√			√	√	√	PO1-11, PSO1 ,2
1ks15cs043	Krishna Kumar R											
1ks15cs051	Lokesh s											
1ks15cs001	AA Gautham											

1KS15 CS031	Druthiya. Lokesh	Child Safety Wearable Device	Institution	Application Oriented	Executed	√		√	√	√	√	PO1, 2,5,6, 7,8,9, 10,11 PSO1 ,2
1KS15 CS012	Arpitha. B.S											
1KS16 CS410	Shwetha R											
1KS16 CS415	Vidhyash ree.B											
1KS15 CS063	Navya A	Advertisement posting Website	Institution	Web Application	Executed	√		√	√		√	PO1, 2,3,9 PSO1 ,2
1KS16 CS402	chaithra M.S											
1KS16 CS411	Sneha Samson Mullur											
1KS16 CS408	Ranjitha R.K											
1KS15 CS061	Namratha R	Android Tracking Application using GPS/GSM	Institution	Application oriented	Executed	√			√			PO1-11 PSO-1,2
1KS15 CS119	Varshitha Prakash											
1KS15 CS115	Tushara Vasudevachar											
1KS15 CS098	Swetha G											
1KS15 CS074	Priyanka R	Cyber bullying	Institution	Application oriented	Executed	√			√	√		PO1-7 PSO1 ,2
1KS15 CS067	Pavithra bai											
1KS15 CS106	Suchitra G S											
1KS15 CS118	Vaishnavi K R											
1ks15cs093	Shilpa.R	Advanced foot step power generation	Institution	Application oriented	Executed	√			√	√		PO1-12 PSO1 ,2
1ks15cs100	Sindhu bhairavi G K											
1ks15cs094	Shirisha .D											
1ks15cs114	Thimmesh. M											
1KS15 CS016	Bhargavi .P	MEDIBOX - IOT Enabled Patient Assisting Device	Institution	Application oriented	Executed	√			√	√		PO1-12 PSO1 ,2
1KS15 CS040	Kavya.S											
1KS15 CS058	Mohan R											
1KS15 CS086	Samyuktha Ravi											
1KS15 CS072	Pritham Raj	Automatic License Plate Recognitio	Institution	Application	Executed	√			√	√		PO1-12 PSO1 ,2
1KS15 CS120	Vikash Kumar											

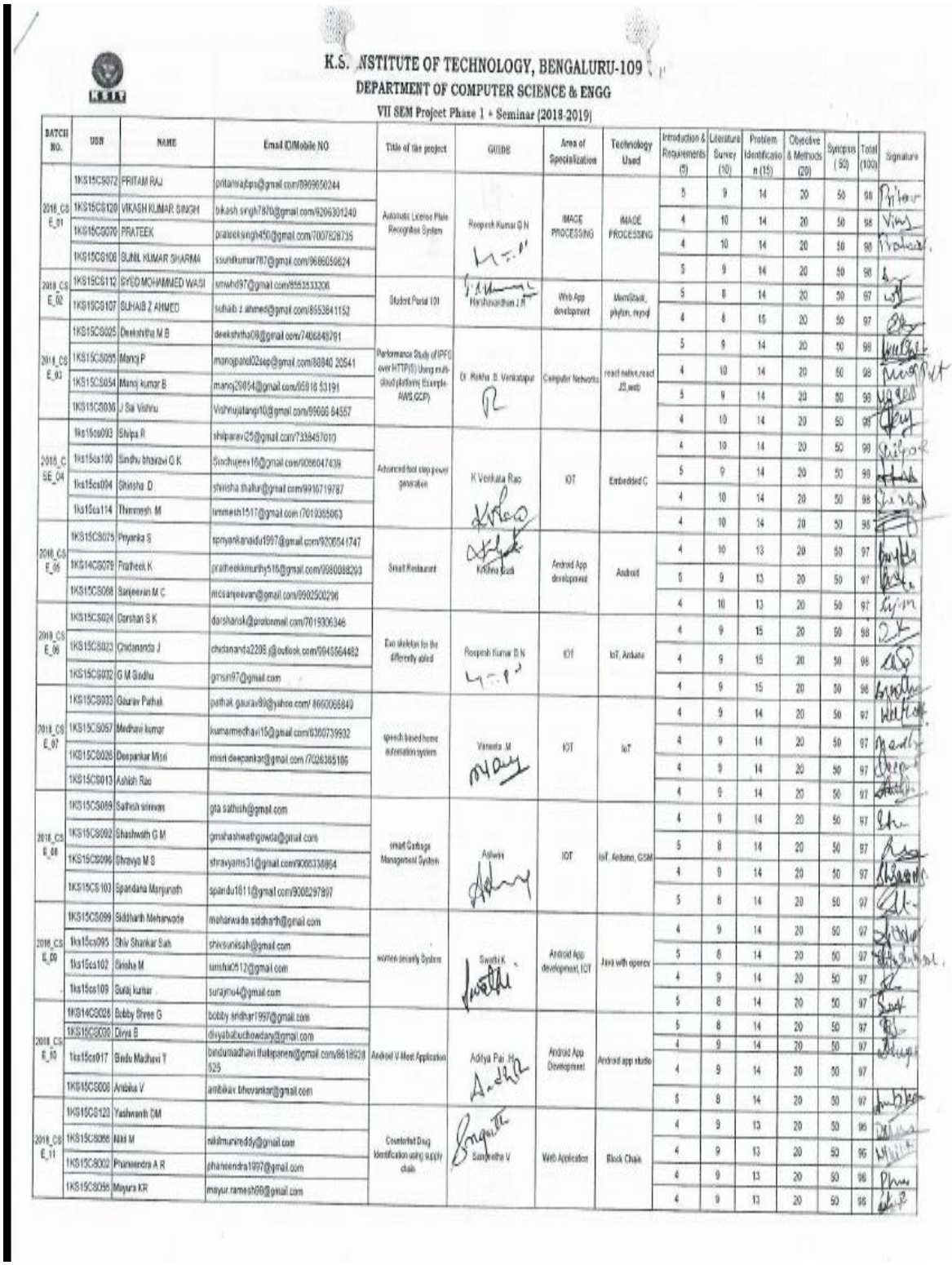
	Singh	n System										
1KS15 CS070	Prateek											
1KS15 CS108	Sunil Kumar Sharma											
1KS15 CS024	Darshan S K	Exo skeleton for the differently abled	Institution	Hardware	Executed	√			√	√		PO1-12 PSO1,2
1KS15 CS023	Chidananda J											
1KS15 CS032	G M Sindhu											
1KS15 CS099	Siddharth Meharwade	Smart Bag with Alert System	Institute	Application Oriented	Executed	√			√	√	√	PO1-11, PSO1,2
1ks15cs095	Shiv Shankar Sah											
1ks15cs102	Sirisha M											
1ks15cs109	Suraj kumar											
1ks15cs084	Sai Shashikaa	The Prediction of Myocardial Infraction for Heart Patients	Institute	Application Oriented	Executed	√				√	√	PO1-11, PSO1,2
1KS15 CS076	Rabiya Farheen											
1KS15 CS117	Vaishnavi K N											
1KS15 CS111	Swetha Adiga											
1KS15 CS028	Dishika Ravindra	Efficient and Expressive search over encrypted data in cloud	Research Institute	Application	Executed	√		√			√	PO1, 2,3,4, 5,8,9, 10,12 PSO1
1KS15 CS041	Keerthi G Naidu											
1KS15 CS049	Lavanya M											
1KS15 CS047	L Vinith Kumar											
1ks16cs403	Darshan. A	Voice Assistant for Visually Impaired in Android	Institute	Application	Executed	√		√	√	√	√	PO1, 2,3,4, 5,7,8, 9,10, 12 PSO1
1ks15cs126	Sushma. D.S											
1ks14cs128	Shwetha. T											
1ks16cs409	Roopa C L											
1KS15 CS090	Shalini S	Opinion Aspects Relations in cognizing student feelings via	Institute	Application	Executed	√		√	√			PO3, 4,9,12
1KS15 CS079	Ramya R Pai											
1KS15 CS110	Sushma N											
1KS15 CS101	Sirina V A P											

		reviews										
1KS15 CS075	Priyanka S	Smart Restaurant	Institute	Application	Executed	√	√		√			PO1, 2,3,7, 8,9
1KS14 CS079	Pratheek K											
1KS15 CS088	Sanjeevan M C											
1KS15 CS113	Teenu Prathyush	IOT Based Digital Water Supply System	Institute	Application	Executed	√	√	√	√	√		PO1, 2,3,4, 5,6,7, 8,9, 10
1KS15 CS039	Karan Koudinya											
1KS15 CS116	Vaibhav V											
1KS15 CS087	Sanjay SG											
1KS16 CS413	Theertha D	A smart Driver Alert System With Video streaming input using Image Detection and Recognition Technique	Institute	Application Oriented	Executed	√		√	√	√		PO1-11, PSO1 ,2
1KS16 CS414	Vidya K											
1KS15 CS029	Divya B											
1KS16 CS400	BHAGYAVATHI .V											
1KS15 CS123	Yashwanth DM	Counterfeit Drug Identification using supply chain	Institute	Application	Executed	√		√	√	√	√	PO1, 2,3,4, 5,7,8, 9,10, 12 PSO1
1KS15 CS066	Nikil M											
1KS15 CS002	Phaneendra A R											
1KS15 CS056	Mayura KR											
1KS15 CS052	Madhu M Pandurangi	Identity Management using Block Chain	Institute	Web Application	Executed	√	√				√	PO1, 2,3,7, 8,9,1 2
1KS15 CS015	Bharath B R											
1KS15 CS020	Chandan											
1KS15 CS042	Koppresh											
1KS14 CS028	Bobby Shree G	Android V-Meet Application	Institute	Web Application	Executed	√			√	√		PO1, 2,3,7, 9
1KS15 CS030	Divya B											
1ks15cs017	Bindu Madhavi T											

1KS15CS008	Ambika V											
1ks16cs401	Bhavya V	E-Smart City-municipality administrative system	Institute	Web Application	Executed	√	√				√	PO1, 2,3,7, 8,9,12
1ks15cs085	samprith a T s											
1ks14cs036	DurgaShree AM											
1ks16cs407	poornima S											

C. Process for monitoring and evaluation

Project coordinator is responsible for planning, scheduling and execution of all the activities related to the student project work. For monitoring progress made by the students Project evaluation is carried out in three phases. The panel members evaluate the projects. Head of the Department evaluates all the projects and assigns the moderation marks.



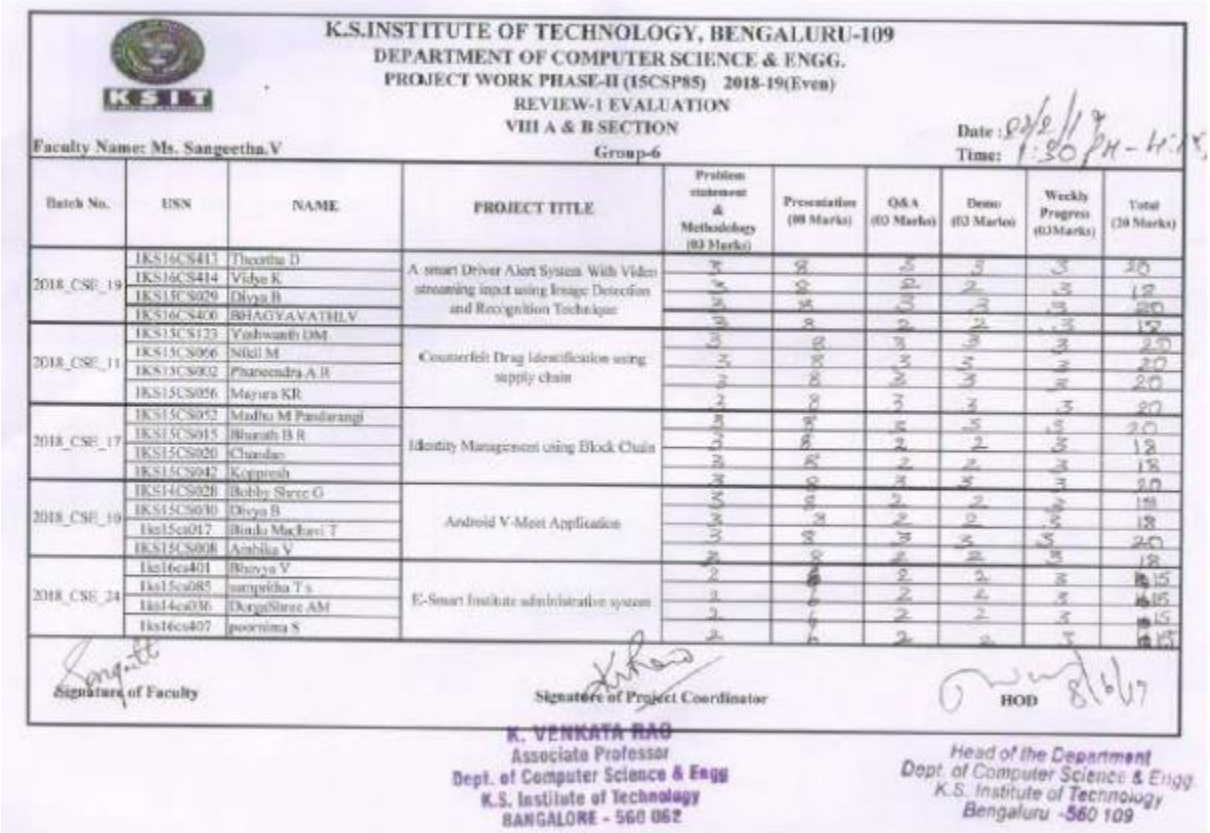
K.S. INSTITUTE OF TECHNOLOGY, BENGALURU-109

DEPARTMENT OF COMPUTER SCIENCE & ENGG

VII SEM Project Phase 1 + Seminar (2018-2019)

BATCH NO.	USN	NAME	Email ID/Mobile NO	Title of the project	GUIDE	Area of Specialization	Technology Used	Introduction & Requirements (5)	Literature Survey (10)	Problem Identification (15)	Objective & Methods (20)	Synopsis (50)	Total (100)	Signature
2018_CS E_01	1KS15CS072	PRITAM RAJ	pritamraj6ps@gmail.com/8969650244	Automatic License Plate Recognition System	Roopesh Kumar D N	IMAGE PROCESSING	IMAGE PROCESSING	5	9	14	20	50	98	
	1KS15CS120	VIKASH KUMAR SINGH	bikash singh7870@gmail.com/9206301240					4	10	14	20	50	98	
	1KS15CS070	PRATEEK	prateeksingh450@gmail.com/7007828735					4	10	14	20	50	98	
	1KS15CS108	SUNIL KUMAR SHARMA	ssunilkumar787@gmail.com/9686059624					5	9	14	20	50	98	
2018_CS E_02	1KS15CS112	SYED MOHAMMED WASI	smwhd97@gmail.com/8553533206	Student Portal 101	Harshavardhan J R	Web App development	MernStack, phyton, mysql	5	8	14	20	50	97	
	1KS15CS107	SUHAIB Z AHMED	suhaib z ahmed@gmail.com/8553841152					4	8	15	20	50	97	
2018_CS E_03	1KS15CS025	Deekshitha M B	deekshitha08@gmail.com/7406848791	Performance Study of IPFS over HTTP(S) Using multi-cloud platform(Example-AWS,GCP)	Dr. Rekha. B. Venkatapur	Computer Networks	react native,react JS,web	5	9	14	20	50	98	
	1KS15CS095	Manoj P	manojpatel02sep@gmail.com/88840 20541					4	10	14	20	50	98	
	1KS15CS054	Manoj kumar B	manoj29054@gmail.com/95916 53191					5	9	14	20	50	98	
	1KS15CS036	J Sai Vishnu	Vishnujatangiti0@gmail.com/99666 64557					4	10	14	20	50	98	
2018_CSE_04	1ks15cs093	Shilpa.R	shilparav25@gmail.com/7338457010	Advanced foot step power generation	K Venkata Rao	IOT	Embedded C	4	10	14	20	50	98	
	1ks15cs100	Sindhu bhairavi G K	Sindhujeev16@gmail.com/9066047439					5	9	14	20	50	98	
	1ks15cs094	Shrisha .D	shrisha.thalur@gmail.com/9916719787					4	10	14	20	50	98	
	1ks15cs114	Thimmesh .M	timmesh1517@gmail.com /7019355063					4	10	14	20	50	98	
2018_CS E_05	1KS15CS075	Priyanka S	spriyankanaidu1997@gmail.com/9206541747	Smart Restaurant	Krishna Bodi	Android App development	Android	4	10	13	20	50	97	
	1KG14CS079	Pratheek K	pratheekkmurthy516@gmail.com/9980088293					5	9	13	20	50	97	
	1KS15CS058	Sanjeevan M C	mcsanjeevan@gmail.com/8902500296					4	10	13	20	50	97	
2018_CS E_06	1KS15CS024	Darshan S K	darsharsk@protonmail.com/7019306346	Exo skeleton for the differently abled	Roopesh Kumar D N	IOT	IoT, Arduino	4	9	15	20	50	98	
	1KS15CS023	Chidananda J	chidananda2206.j@outlook.com/9964564482					4	9	15	20	50	98	
	1KS15CS032	G M Gadhu	gmsm97@gmail.com					4	9	15	20	50	98	
2018_CS E_07	1KS15CS033	Gaurav Pathak	pathak.gaurav9b@yahoo.com/ 8660065940	speech based home automation system	Vanaja .M	IOT	IoT	4	9	14	20	50	97	
	1KS15CS057	Medhavi kumar	kumarmedhavi15@gmail.com/9380739932					4	9	14	20	50	97	
	1KS15CS026	Deepankar Misri	misri.deepankar@gmail.com /7026385186					4	9	14	20	50	97	
	1KS15CS013	Ashish Rao						4	9	14	20	50	97	
2018_CS E_08	1KS15CS089	Sathish srinivas	gta.sathish@gmail.com	smart Garbage Management System	Ashwini	IOT	IoT, Arduino, GSM	4	9	14	20	50	97	
	1KS15CS092	Shashwath G M	gmshashwathgowda@gmail.com					5	8	14	20	50	97	
	1KS15CS096	Shravya M S	shravyams31@gmail.com/9066338864					4	9	14	20	50	97	
	1KS15CS103	Spandana Manjunath	spandu1811@gmail.com/9008297897					5	8	14	20	50	97	
2018_CS E_09	1KS15CS099	Siddharth Meharwade	meharwade.siddharth@gmail.com	women security System	Swathi K	Android App development, IOT	Java with opencv	4	9	14	20	50	97	
	1ks15cs095	Shiv Shankar Sah	shivsunilsah@gmail.com					5	8	14	20	50	97	
	1ks15cs102	Sinsha M	sinshaM512@gmail.com					4	9	14	20	50	97	
	1ks15cs109	Suraj kumar	surajmu4@gmail.com					5	8	14	20	50	97	
2018_CS E_10	1KS14CS028	Bobby Shree G	bobby.sridhar1997@gmail.com	Android V Meet Application	Aditya Pai .H	Android App Development	Android app studio	5	8	14	20	50	97	
	1KS15CS030	Divya B	divyabiducbowdary@gmail.com					4	9	14	20	50	97	
	1ks15cs017	Bindu Madhavi T	bindumadhavi.thatapaneni@gmail.com/8618928525					4	9	14	20	50	97	
	1KS15CS008	Ambika V	ambikav.bhovankar@gmail.com					5	8	14	20	50	97	
2018_CS E_11	1KS15CS123	Yashwanth DM		Counterfeit Drug Identification using supply chain	Sangeetha V	Web Application	Block Chain	4	9	13	20	50	96	
	1KS15CS066	Nikil M	nikilmunireddy@gmail.com					4	9	13	20	50	96	
	1KS15CS002	Phaneendra A R	phaneendra1997@gmail.com					4	9	13	20	50	96	
	1KS15CS056	Mayura KR	mayur.ramesh06@gmail.com					4	9	13	20	50	96	

Fig 2.2.3.C1 Project phase1 Evaluation



K.S.INSTITUTE OF TECHNOLOGY, BENGALURU-109
DEPARTMENT OF COMPUTER SCIENCE & ENGG.
PROJECT WORK PHASE-II (15CSP85) 2018-19(Even)
REVIEW-1 EVALUATION
VIII A & B SECTION

Faculty Name: Ms. Sangeetha.V Group-6 Date: 8/2/17 Time: 1:30 PM - 4:30 PM

Batch No.	USN	NAME	PROJECT TITLE	Problem statement & Methodology (03 Marks)	Presentation (08 Marks)	Q&A (03 Marks)	Demo (03 Marks)	Weekly Progress (03Marks)	Total (20 Marks)
2018_CSE_19	1KS16CS413	Theertha D	A smart Driver Alert System With Video streaming input using Image Detection and Recognition Technique	3	8	3	3	3	20
	1KS16CS414	Vidya K		3	8	2	2	3	18
	1KS15CS029	Divya B		3	8	3	3	3	20
	1KS16CS400	BHAGYAVATHI.V		3	8	2	2	3	18
2018_CSE_11	1KS15CS123	Yashwanth DM	Counterfeit Drug Identification using supply chain	3	8	3	3	3	20
	1KS15CS066	Nikil M		3	8	3	3	3	20
	1KS15CS002	Dhareendra A R		2	8	2	3	3	18
	1KS15CS056	Mayura KR		2	8	3	3	3	19
2018_CSE_17	1KS15CS052	Madhu M Pandurangi	Identity Management using Block Chain	3	8	3	3	3	20
	1KS15CS015	Bharath B R		3	8	2	2	3	18
	1KS15CS020	Chandan		3	8	2	2	3	18
	1KS15CS042	Kgpiresh		3	8	3	3	3	20
2018_CSE_10	1KS14CS028	Bobby Shree G	Android V-Meet Application	3	8	2	2	3	18
	1KS15CS030	Divya B		3	8	2	2	3	18
	1kt15cs017	Bindu Madhavi T		3	8	3	3	3	20
	1KS15CS008	Ambika V		2	8	2	2	3	17
2018_CSE_24	1kt16cs401	Bhavya V	E-Smart Institute administrative system	2	8	2	2	3	17
	1kt15cs085	sampidha T s		3	8	2	2	3	18
	1kt14cs036	DurgaShree AM		2	8	2	2	3	17
	1kt16cs407	poornima S		2	8	2	2	3	17

Signature of Faculty Signature of Project Coordinator HOD 8/2/17

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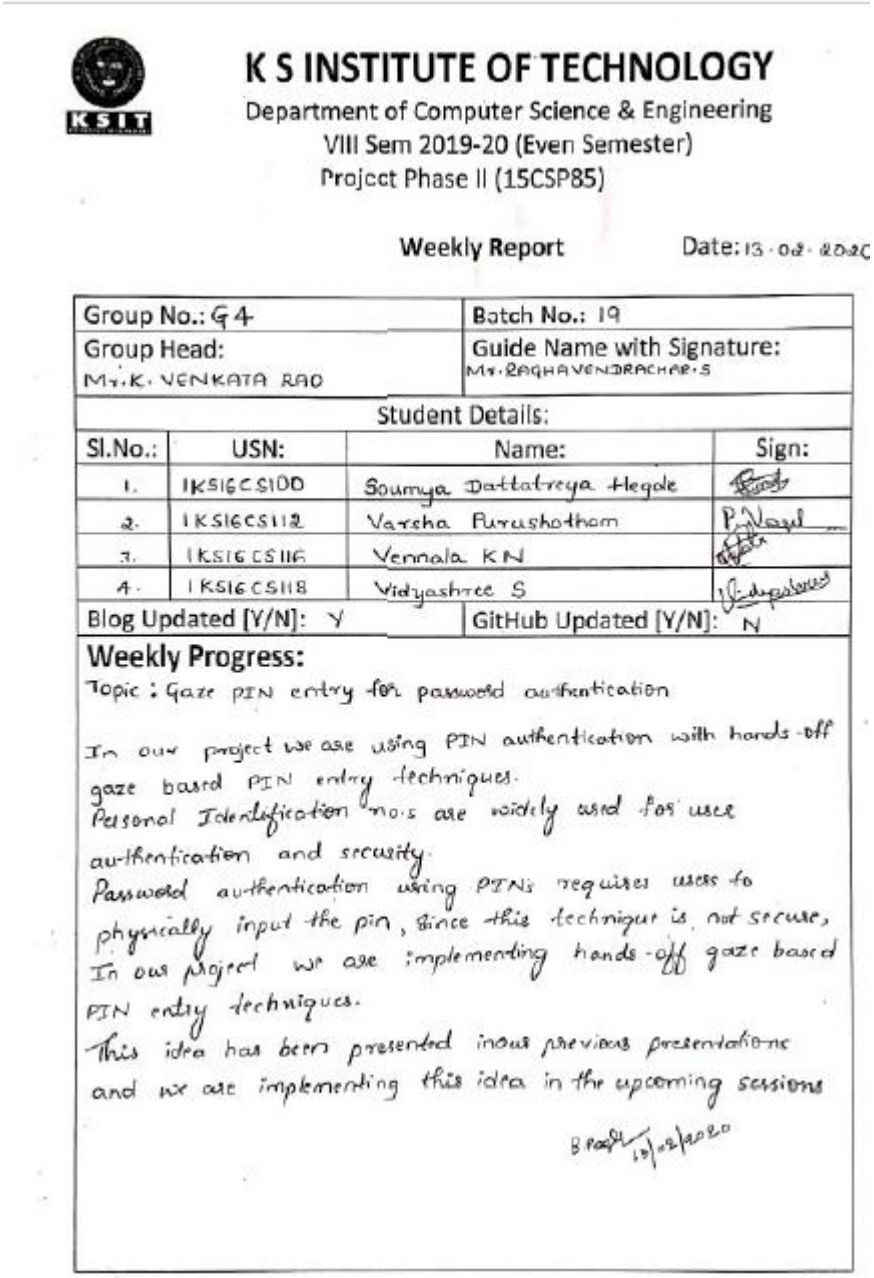
Bengaluru -560 109

Fig. 2.2.3.C2 Project Phase 2 Evaluation

D. Process to assess individual and team performance

- During the Project Progress Review, the individual performance and the group performance will be evaluated
- The concerned Guide will also evaluate the performance of every individual and group performance every week
- To evaluate the performance of the project, every year project exhibition will be organized and Judges will be invited from the industry and academics.



K S INSTITUTE OF TECHNOLOGY

Department of Computer Science & Engineering

VIII Sem 2019-20 (Even Semester)

Project Phase II (15CSP85)

Weekly Report Date: 13-02-2020

Group No.: G4		Batch No.: 19	
Group Head: Mr. K. VENKATA RAO		Guide Name with Signature: Mr. RAGHAVENDRACHAR.S	
Student Details:			
Sl.No.:	USN:	Name:	Sign:
1.	1KS16CS100	Soumya Dattatreya Hegde	
2.	1KS16CS112	Varsha Purushotham	
3.	1KS16CS116	Vennala K N	
4.	1KS16CS118	Vidyashree S	
Blog Updated [Y/N]: Y		GitHub Updated [Y/N]: N	

Weekly Progress:

Topic : Gaze PIN entry for password authentication

In our project we are using PIN authentication with hands-off gaze based PIN entry techniques.
Personal Identification no.s are widely used for user authentication and security.
Password authentication using PINs requires users to physically input the pin, since this technique is not secure, In our project we are implementing hands-off gaze based PIN entry techniques.
This idea has been presented in our previous presentations and we are implementing this idea in the upcoming sessions

13/2/2020

Fig. 2.2.3.D1 Assessing performance through weekly reports

E. Quality of completed projects/working prototypes

Every year proposals will be sent to the funding agencies like KSCST, FOSS project of VTU for funding the Quality projects

Best Projects (2018-19)

Project Presentation is organized to evaluate the projects by experts from Academic Institutions/Industry. The students demonstrate the projects to the jury. The evaluation is done and 2 prizes are awarded for the best projects.

Table 2.2.3.E1 Best Project (2018-19) Batch

Sl No.	USN	Name	Guide	Title of the Project
1	1KS15CS062	Narasimha Prasanna H N	Mr. Pradeep Kumar G H	A Self Sustaining, Secured Live Patient Video Streaming System for Hospitals
	1KS15CS082	S N Shreyas		
	1KS15CS068	Prajwal J		
	1KS15CS046	Kushal S T		
2	1KS15CS004	Abhishek S	Mr. Pradeep Kumar G H	Smart campus communication system
	1KS15CS003	Abhigna A		
	1KS15CS006	Adithya Kumar N S		
	1KS15CS044	Kruthika M R		

Best Projects 2019-20, 2020-21

The best projects during the academic year 2019-20 and 2020-21 are based on funded projects (submitted and evaluated online due to pandemic) and decided by project coordinators.

2019-2020

Table 2.2.3.E2 Best Project (2019-20) Batch

Batch No.	USN	Name	Guide	Project Title
2019_CSE_16	1KS16CS064	Pranjul Mishra	Dr. Ram P Rustagi	Smart Gesture Controller
	1KS16CS006	Aman Sagar		
2019_CSE_24	1KS16CS053	Niharika Rajaram	Mr. K.Venkata Rao	Data Extraction from a Digital Text file and conversion into an Audio-Visual output
	1KS16CS047	Monisha R		
	1KS16CS054	Nikhila M Y		
	1KS15CS078	Rajeev Koushik Y G		

2020-2021

Table 2.2.3.E3 Best Project (2020-21) Batch

Batch No.	USN	Name	Guide	Project Title
2020_CSE_01	1KS17CS006	Amogha Manjunatha K	Dr. Ram P Rustagi	Be My Book
	1KS17CS071	Sakshi Kumari		

	1KS17CS083	Srikala K M		
	1KS17CS089	Swati Pai		
2020_CSE_25	1KS17CS036	Krithika Jagannath	Dr. Rekha B Venkatapur	Voice-Based E-Prescription

Sponsored Projects:

Students are encouraged to submit proposals for various external project funding agencies like KSCST, VGST & VTU project sponsorship every year. The students submit the project proposal, all the proposals are scrutinized and few are selected. The following table gives the list of projects sponsored.

Table 2.2.3.E4 Sponsored Projects

Year	Project Title	Funding agency/Scheme	Amount	Duration	Faculty	Status
2020-21	Reading physical book for visually impaired person through voice over navigation system.	KSCST	6,000	6 M	Dr.Ram P Rustagi	Completed
2019-20	Warehouse Automation Using Drones	EngiNX is Tata Consultancy Services	1,00,000	1 M	Mr. AdityaPai	Completed
2018-19	Exoskeleton for the differently abled	VTU FOSS	5,000	6 M	Mr. Roopesh Kumar B N	Completed
	Women security system	VTU	5,000	6 M	Dr.. Swathi K	Completed
	Advanced footstep power generation	VTU	5,000	6 M	Mr. K VenkataRao	Completed
2017-18	Barcode for dual purpose	AICTE,MHRD, Hackathon	3,00,000	6 M	Mr. Kumar. K Mr.Pradeep Kumar.G.H	Completed
	Inzone drug remedy	KSCST	3,500	6 M	Mr.Pradeep Kumar.G.H	Completed
	The NPS APP	KSCST	6,000	6 M	Mrs. Swathi.K	Completed
	Classification Approach of Prediction Model for type 2 Diabetes mellitus of Indian Women's	KSCST	3,500	6 M	Mr. Pradeep.K.R	Completed
	RaitharaBandu	KSCST	3,000	6 M	Dr. Rekha B Venkatapur	Completed
	ReshmeyaSiri	VTU	5,000	6 M	Dr. Rekha B Venkatapur	Completed
2015-16	Video Stitching and Object tracking	KSCST	3,000	6 M	Dr. Rekha B Venkatapur	Completed

	Predictive Analysis of diabetes using classification Techniques	KSCST	3,000	6 M	Mr. Pradeep K R	Completed
2014-15	Secure and precise data in a cloud for rural health care monitoring with mobility	IEI	15,000	6 M	Dr. N C Naveen.	Completed
2013-14	Hybrid Real Time Intrusion Detection System under high Infrastructure Strengthening	VGST-K-FIST	20 Lac	2 yrs	Dr. N. C. Naveen	Completed
	A Personalized Mobile Search Engine (PMSE)	KSCST	3,000	6 M	Mrs. Naga Manjula Rani.	Completed

F. Evidences of papers published /Awards received by projects etc. (2)

Table 2.2.3 F1 Student Publication Details 2020-2021 (Even sem)

Sl.no	Title	Authors	International/ National Journal / Conference	Year, Volume, Page nos.	ISSN
1	Voice Based E – Prescription	Abhishek Gowda M V, Ashish K Amar, Krithika Jagannath, Meghana G, Dr.Rekha B Venkatapur	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.	July-2021	
2	Voice Based E – Prescription	Abhishek Gowda M V, Ashish K Amar, Krithika Jagannath, Meghana G, Dr.Rekha B Venkatapur	TRIGGER – 2K21 National Level Technical Symposium organized by Department of Computer Science and Engineering,	July-2021	

			RRCE, Bengaluru held on 12th July 2021		
3	Pulse Rate Detection	Harshitha V, Meghana CV, Nikita Katari, Dr. Dayanand RB	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.	July-2021	
4	Reading a Physical Book for Visually Impaired Person Through Voice Over Navigation System	Amogha Manjunath K, Sakshi Kumari, Srikala K M, Swati Pai, Dr.Ram P Rustagi	TRIGGER – 2K21 National Level Technical Symposium organized by Department of Computer Science and Engineering, RRCE, Bengaluru held on 12th July 2021	2021	
5	Reading a Physical Book for Visually Impaired Person Through Voice Over Navigation System	Amogha Manjunath K, Sakshi Kumari, Srikala K M, Swati Pai, Dr.Ram P Rustagi	National Level Inter College Project Exhibition -2021 Organized by Department of Computer Science and Engineering, JIT, Bengaluru Held on 5th July 2021.	2021	
6	Remote_Access	ChennaKeshava N T, Indrasena, Lokesh, Dr.K Venkata Rao	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.	2021	

7	A Contactless Attendance System using Real Time Face Recognition	Hanumesh V T, Manjunath A, Prashanth K, Tharun K	International Advanced Research Journal in Science, Engineering and Technology (IARJSET)	2021, Volume 08	ISSN (Online) 2393-8021 ISSN (Print) 2394-1558
8	Detection of Fake and Clone Accounts on Twitter	Kavitha S, Sharanya H, Rajashree Shivakumar, Kruthika B M Dr.Deepa S R	International Journal of Scientific Research in Engineering and Management (IJSREM)	July - 2021, Volume 05	ISSN 2582 - 3930
9	Api For Document Resizing, Validation And Verification	Bhavesh Bansali, Ganesh Maudghalya H G, Karan Raghunath, P Kishore, Dr. Vaneeta M	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.	July-2021	
10	Fingervein Detection Using Image Processing	Keerthi N, Meghana G R, Shriraksha S Kanago, Meghana H S, Dr.Vijayalaxmi Mekali	International Journal of Scientific Research in Engineering and Management (IJSREM)	July - 2021, Volume 05	ISSN 2582 - 3930
11	Alpha-numeric Character Recognition in Audio/Text – based Captcha	Aafreen Hussain, Akshitha B S, Anoop P S, Mrs.Sougandhika Narayan	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.	July-2021	
12	E-Convocation Website using VR	Amrutha V Deshpande, Chaitra, LakshmiPrasanna B, Karthik T C	International Journal of Scientific Research in	July - 2021, Volume 05	ISSN 2582 - 3930

			Engineering and Management (IJSREM)		
13	Armament Detection and Alerting System Using YOLO V3	Shashank Shet K, Parth P Shah, Rohith R	International Advanced Research Journal in Science, Engineering and Technology (IARJSET)	2021, Volume 08	ISSN (Online) 2393-8021 ISSN (Print) 2394-1558
14	Counterfeit Notes Detection	Amogh R, Akshatha Ramesh, Nikhil Subramanya K, Darshan S, Mr.Roopesh Kumar B N	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.	July-2021	
15	Virtual 3D Trial Room	Anusha A G, Deepika S H, Divya Yashaswi Kanney, H Priyanka, Mr. Kushal Kumar B N	IJARIIE - 2021	2021, Volume 07	ISSN (Online) 2395-4396
16	Listen for Vision	Pooja R, Praveen A, Srushti A, Tejas C S	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.	July-2021	
17	Animal Intrusion Detection Using Machine Learning	Roshini R, Sindhu M, Surakshitha M, Varshitha S, Mr.Raghavendrachar S	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by	July-2021	

			Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.		
18	E-Defence for People Safety	Anushree J, Nischitha C, Nydile G R, T K Dhanushree, Mr.Raghavendrachar S	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.	July-2021	
19	Web Based Book –Reselling Store	Ganesh G B, Gautham C R, Nitish Kumar Gupta.	International Journal of Creative Research Thoughts (IJCRT)	July – 2021 Volume 09	ISSN 2320-2882
20	Blockchain : A Panacea for Healthcare Cloud-Based Data Security and Privacy	S.Monika, Sujana G N, Supriya K, Varshini N, Mr.Prashanth H S	IJARIIE - 2021	2021, Volume 07	ISSN (Online) 2395-4396
21	Detection of Melanoma Skin Cancer	Deekshitha R, Lavanya V, Monika M K L, Neha K, Mrs.Beena K	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by Department of Information Science and Engineering, DBIT, Bengaluru held on 19th and 20th July 2021.	July-2021	
22	Text Extraction and Recognition from Images	Sai Kumar L S, Sandesh Naikal, Varun R Reddy, Vinay Biradar, Mrs.Ranjitha K N	International Advanced Research Journal in Science, Engineering and Technology	2021, Volume 08	ISSN (Online) 2393-8021 ISSN

			(IARJSET)		(Print) 2394-1558

Table 2.2.3 F2: List of papers presented at 34th CSI Karnataka State Student Convention on 22nd December 2020

Batch No	Team Members	USN	Guide Alloted	Paper Presented Title
2020_CSE_01	Amogha Manjunatha K	1KS17CS006	Dr. Ram P Rustagi	Reading A Physical Book For Visually Impaired Person Through Voice Over Navigation System
	Sakshi Kumari	1KS17CS071		
	Srikala K M	1KS17CS083		
	Swati Pai	1KS17CS089		
2020_CSE_02	RAKSHITH.R	1KS17CS061	Prof. Aditya Pai. H	Breast Cancer Detection Using Deep Learning: A Survey
	ROHITH.K	1KS17CS062		
	SHRI HARSHA KULKARNI	1KS17CS077		
2020_CSE_03	Shreyas R	1KS17CS076	Dr. Ram. P. Rustagi	Email Voice Assistant
	Supreetha R Kashyap	1KS17CS086		
	Vishal M S	1KS17CS100		
	Vybhavi J	1KS17CS101		
2020_CSE_04	Aafreen Hussain	1KS17CS001	Prof. Sougandhika Narayan	Survey On Alpha-Numeric Character Recognition In Audio/Text-Based Captcha
	Akshitha B. S	1KS17CS004		
	Anoop P.S	1KS17CS008		
2020_CSE_05	Pavani.M	1KS17CS053	Prof. Sneha Karamadi	Android based application for senior citizens
	Sindhu H S	1KS17CS078		
	Bharathi R	1KS17CS401		
	Varna M	1KS16CS110		
2020_CSE_06	Ruchitha.G.k	1KS17CS066	Dr. Swathi.K	Dog Breed Identification with Products Classification and Assisted Services
	Spoorthi.R	1KS17CS081		
	Varun Attiganal Venkatesh	1KS17CS096		
2020_CSE_07	Supriya K	1KS17CS087	Prof. Prashanth H S	Blockchain: A Panacea For Healthcare Cloud-Based Data Security And Privacy
	Sujana G N	1KS17CS085		
	Varshini N Prakash	1KS17CS094		
	S Monika	1KS17CS067		
2020_CSE_08	POOJA R	1KS17CS055	Prof. Kumar K	Listen For Vision
	TEJAS C S	1KS17CS092		
	SRUSHTI A	1KS17CS084		
	PRAVEEN A	1KS17CS058		
2020_CSE_09	Amrutha V Deshpande	1KS17CS007	Prof. Sanjoy Das	E-Convocation Webapp Using VR
	Chaitra	1KS17CS017		

	Lakshmi Prasanna B	1KS17CS014		
	Karthik T.C	1KS17CS033		
2020_CSE_10	Praveen	1KS17CS057	Prof. Harshavardhan J.R	Web-interaction without Keyboard and Mouse
	Vikram S C	1KS17CS098		
	Praveen S	1KS17CS059		
	Chaitanya	1KS17CS091		
2020_CSE_11	Kavitha S	1KS17CS034	Dr. Deepa SR	Detection of Fake and Clone Accounts on Twitter
	Kruthika B M	1KS18CS401		
	Rajashree Shivakumar	1KS17CS060		
	Sharanya H	1KS17CS074		
2020_CSE_12	Parth P Shah	1KS17CS052	Prof. Roopesh Kumar B N	Armament Detection and Alert System Using YOLOV3
	Shashank Shet K	1KS17CS075		
	Rohith.R	1KS17CS063		
2020_CSE_13	Harshitha V	1KS17CS029	Dr. Dayananda RB	Pulse Rate Detection
	Meghana CV	1KS17CS041		
	Nikita Katari	1KS17CS047		
2020_CSE_14	Roopashree N	1KS17CS064	Dr. Swathi K	Intuitive Perception –Lip Reading using Machine Learning
	Sai Sneha S V	1KS17CS070		
	Spoorthi V	1KS17CS082		
2020_CSE_15	Bhavesh Bhansali	1KS17CS016	Prof. Vaneeta M	Survey on Document Resizing, Validation and Verification for Web API
	Ganesh Maudghalya H G	1KS17CS025		
	Karan Raghunath	1KS17CS032		
	P Kishore	1KS17CS051		
2020_CSE_16	Akshatha Ramesh	1KS17CS003	Prof. Roopesh Kumar B N	Counterfeit Notes Detection
	Amogh R	1KS17CS005		
	Darshan S	1KS17CS020		
	Nikhil Subramanya K	1KS17CS046		
2020_CSE_17	Sindhu M	1KS17CS079	Prof. Sneha C R	Animal Intrusion Detection Using ML
	Varshitha s	1KS17CS095		
	Surakshitha M	1KS17CS088		
	Roshini R	1KS17CS065		
2020_CSE_18	Anushree J	1KS17CS011	Prof. Raghavendrachar . S	E-Defence For People Safety
	Nischitha C	1KS17CS048		
	Nydile G R	1KS17CS050		
	T K Dhanushree	1KS17CS090		
2020_CSE_19	Chennakeshava NT	1KS17CS019	Prof. K Venkata	Remote Access

	Chandana BR	1KS17CS018	Rao	
	Indrasena Kalyanam	1KS17CS030		
	Lokesh B M	1KS17CS038		
2020_CSE_20	Deepika S H	1KS17CS022	Prof. Kushal Kumar BN	Virtual 3D Trial Room
	Anusha A G	1KS17CS010		
	Divya Yashaswini Kanney	1KS17CS023		
	H. Priyanka	1KS17CS027		
2020_CSE_21	Keerthi N	1KS17CS035	Prof. Vijayalakshmi M	Fingervein Detection Using Image Processing
	Meghana G R	1KS17CS043		
	Shriraksha S Kanago	1KS17CS102		
	Meghana H S	1KS16CS042		
2020_CSE_22	Ganesh G B	1KS17CS024	Prof. Krishna Gudi	e-Book Reselling Store: Set Aside your Time and Cash
	Gautham C R	1KS17CS026		
	Nitish Kumar Gupta	1KS17CS049		
2020_CSE_23	Sharada.A.	1KS15CS128	Dr.Rekha B Venkatapur	
	ADARSH SHRESTHA	1KS15CS125		
	LAXMI K V	1KS15CS050		
	SHASHANK KAVUR	1KS16CS090		
2020_CSE_24	Deekshitha R	1KS17CS021	Prof. Beena K	Detection of Melanoma Skin Cancer
	Lavanya V	1KS17CS037		
	Mounika M K L	1KS17CS044		
	Neha K	1KS17CS045		
2020_CSE_25	Krithika Jagannath	1KS17CS036	Dr.Rekha B Venkatapur	Voice Based E-Prescription
	Abhishek Gowda MV	1KS17CS002		
	Meghana G	1KS17CS042		
	Ashish Amar	1KS17CS013		
2020_CSE_26	Tharun K	1KS17CS093	Prof.Harshavardhan J R	A Contactless Attendance & Security System using Real-time Face Recognition
	Manjunath A	1KS17CS040		
	Prashanth K	1KS17CS056		
	Hanumesh V T	1KS17CS028		
2020_CSE_27	Sandesh N	1KS17CS072	Prof. Ranjitha	Literature Survey on Text Extraction and Recognition
	Sai Kumar L S	1KS17CS069		
	Varun Reddy	1KS17CS097		
	Vinay Biradar	1KS17CS099		

Table 2.2.3.F3 List of papers presented in conferences by students based on projects

2018-2019							
Sl. No.	**Name of the students**	**Seme -ster**	**Name of the conference/ competition**	**Organized by**	**Date**	**Participated /presented Name the event**	**Prizes/ awards won**
1	Bobby Shree G/ Ambika V/ Bindu Madhavi T/ Divya B	8th Sem	International Conference on ACICT 2019	EWIT, Bengaluru	9th and 10th May 2019	Presented the Paper on "VMEET ANDROID APPLICATION"	-
2	Sampitha T S/ Bhavya V/ Poornima S/ Durga Shree A M	8th Sem	International Conference on ACICT 2019	EWIT, Bengaluru	9th and 10th May 2019	Presented the Paper on "E-INSTITUTE ADMINISTRATIVE SYSTEM"	-
3	Shilpa R / Shirisha D/ Sindhu Bhairavi G K/ Thimmesh M	8th Sem	4th National Conference NCRAETS 2019	Shridevi Institute of Engineering & Technology, Tumkur	26th and 27th April 2019	Presented the Paper on "ADVANCE FOOTSTEP POWER GENERATION"	-
4	Shilpa R / Shirisha D/ Sindhu Bhairavi G K/ Thimmesh M	8th Sem	Competiotion/ Inter College Project Competition 2019	DSATM , Bengaluru	8th May 2019	Demonstrated the Project on "ADVANCE FOOTSTEP POWER GENERATION"	-
5	Kruthika M B/ Adithya Kumar/ Abhishek S/ Abhigna A	8th Sem	International Conference IPSCMC 2019	DSATM, Bengaluru	25th – 26th April 2019	Presented the Paper on "A SMART CAMPUS COMMUNICATION SYSTEM"	
6	Adithi Hande T/ Apoorva V/ Nikhil Meduri	8th Sem	International Conference RISEM-2019	R.R.Institute of Technology, Bengaluru	10th -11th May 2019	Presented the Paper on "DECENTRALIZED DISTRESS RELIEF USING	

						BLOCKCHAIN"	

Table 2.2.3.F4 List of student publications based on projects

Sl.no	Title	Authors	International/ National Journal / Conference	Year	ISSN
1	Comprehensive Training And Placement Department	Guide: Vijyalaxmi Mekali 1. Rishika Sinha 2. Ranjana C A 3. Swathi V 4. Kumar J	International Journal of Advance Research, Ideas and Innovations in Technology	2019	2054 – 132X
2	Speech Based Home Automation System With User Authentication	Guide: Vaneeta M 1. Medhavi Kumar 2. Gaura Pathak 3. Deepankar Misri 4. Ashish Rao	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
3	Win – Win Online Advertising Posting Website	Guide: Sougandhika Narayan 1. Chaithra M S 2. Navya A 3. Ranjitha R K 4. Sneha Samson Mullur	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162
4	Smart Automatic Movable Road Divider	Guide: P Priyanga 1. Druthiya L 2. Arpitha B S 3. Shwetha R 4. Vidyashree B	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
5 V	Decentralized File Sharing System Using Ipfs	Guide Rekha B Venkatapur 1. Deekshitha M B	Journal of Emerging Technologies and	2019	2349-5162

		2. Manoj P 3. Manoj Kumar B 4. J Sai Vishnu	Innovative Research		
6	Predictive Analysis Of Soubean Crop Yield	1. Preran R 2. Shreya S Pai 3. Yashaswini M Guide Pradeep K R	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162
7	Disease Prediction – Breast Cancer In Women Using Machine Learning Classification Techniques	1. Chaithra S 2. H M Harshitha 3. Krithika S 4. Namratha N Guide Pradeep K R	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162
8	Smart Door Application Using Iris Recognition	Guide Kumar K 1. Brunda S 2. Deepika G 3. Neha Kouser 4. Pushpa R	International Research Journal of Engineering and Management Studies	2019	2395-0126
9	A Smart Driver Alert System	1. Divya B 2. Bhagyavathi V 3. Theertha D 4. Vidhya K Guide Deepa S R	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
10	Expressive Keyword Search In Cloud Over Encrypted Data	Guide Dayananda R B 1. Dishika Ravindra 2. Keerthi G Naidu 3. L Vinith Kumar 4. Lavanya M	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162
11	Voice Assistant For Visually Impaired In Android	1. Dayananda Guide R B 2. Darshan A 3. Roopa C L 4. Shwerha T 5. Sushma D S	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
12 -	Opinion Aspects In Cognizing Student Feelings Via Reviews	1. Ramya R Pai 2. Shalini S	Journal of Emerging	2019	2349-5162

		3. Sirina V A P 4. Sushma N	Technologies and Innovative Research		
13	The Prediction Of Myocardial Infarction For Heart Patients	Guide Swathi K 1. Sai Shashikaa T R 2. Swetha Adiga G 3. Rabiya Farheen 4. Vaishnavi K N	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
14	Counterfeit Drug Identification At Supply Chain	1. Mayura K R 2. Nikil M 3. Phaneendra A R 4. Yashwanth D M Guide Sangeetha V	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
15	Identity Management Using Blockchain	1. Madhu M Pandurangi 2. Bharath B R 3. Koppresh P 4. Chandan M Guide Sangeetha V	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162
16	Student Portal	Guide Harshavardhan J R 1. Suhaib Z Ahmed 2. Syed Mohammed Wasi	International Research Journal of Engineering and Technology	2019	e-2395 – 0056 p-2395-0072
17	Virtual Visits To Ice	1. Shreyas S N 2. Narasimha Prasanna H N 3. Kushal S T 4. Prajwal J Guide Pradeep Kumar G H	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
18	Near Field Communication For Payments	1. Krishna Kumar R 2. Lakshmikanth B S 3. Lokesh S 4. A A Gautham	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162

		Guide P Priyanga			
19	Application Of Gsm On Waste Management	Guide Ashwini 1. Spandana Manjunath 2. Shashwath G M 3. Shravya M S 4. Sathish S	Journal of Emerging Technologies and Innovative Research	2019	2349 – 1562
20	Android Tracking Application Using Gsm/Gps	Guide Raghavendrachar S 1. Tushara V 2. Varshitha P 3. Namratha R 4. Shwetha G	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162
21 V	Cyberbullying Detection	1. Vaishnavi K R 2. Pavitra Bai C 3. Suchithra G S 4. Priyanka R Guide Prashanth H S	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
22	Design And Development Of External Support System For Disabled Arm	1. Darshan S K 2. Sindhu G M 3. Chidananda J Guide Roopesh Kumar B N	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
23	Smart Bag With Alert System	Guide Swathi K 1. Siddrath Meharwade 2. Sirisha M 3. Shiv Shankar Sah 4. Suraj Kumar	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162
24 V	Advance Footstep Power Generation	Guide K Venkata Rao 1. Shilpa R 2. Shirisha D 3. Sindhu Bhairavi G K 4. Thimmesh M	HBRP	2019	

25	Medibox- Iot Enabled Patient Assisting Device	Guide K Venkata Rao 1. Kavya S 2. Samyuktha Ravi 3. Bhargavi P 4. Mohan R	Journal of Emerging Technologies and Innovative Research	2019	2349-5162
26	Automobile Number Plate Recognization System Using Image Processing	Guide Roopesh Kumar B N 1. Prateek 2. Pritam Raj 3. Suni Kumar Sharma 4. Vikash Kumar Singh	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162
27	Iot Based Digital Water Supply System	Guide Krishna Gudi 1. Teenu Prathysh 2. Karan Koundinya J 3. Vaibhav V 4. Sanjay S G	Journal of Emerging Technologies and Innovative Research	2019	2349 – 5162
28	Smart Restaurant	1. Priyanka S 2. Sanjeevan M C 3. Pratheek K 4. Krishna Guide Gudi	International Research Journal of Engineering and Technology	2019	e-2395-0056 p-2395-0072
29	Decentralized Distress Relief Using Blockchain	1. Adithi Hande T 2. Apoorva V 3. Nikhil Meduri Guide Kumar K	International Conference on Recent Innovations in Science, Engineering & Management	2019	ISBN – 978-93-87793-87-3
30	A Smart Campus Communication System	1. Kruthika M B 2. Adithya Kumar 3. Abhishek S 4. Abhigna A Guide	IC-IPSCMC	2019	2347-2693

		Pradeep Kumar G H			
31	Vmeet Android Application	1. Bobby Shree G 2. Ambika V 3. Bindu Madhavi T 4. Divya B Guide Aditya Pai H	ACICT	2019	
32	E-Institute Administrative System	1. Sampitha T S 2. Bhavya V 3. Poornima S 4. Durga Shree A M Guide Aditya Pai	ACICT	2019	

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E-Convocation Website using VR

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Abstract - Due to COVID-19 restrictions, the better way of attending graduation is by VIRTUAL GRADUATION where students and staff members from various colleges can attend the annual convocation in their VR models. While the students are not physically present at the dais, they could be seen getting on dais and receiving their graduation degrees with the same enthusiasm.

Key Words: *Virtual Reality, Face Detection and Face Swap*

1. INTRODUCTION

Across the country, due to Covid-19 situations, all the colleges are being forced to do multiple frameworks such as planning from budgets, calendar of events, online learning and more. Casting the graduation ceremony that has to occur on the front end of all that.

Some colleges are planning to cancel or postpone the graduation ceremony. But the math of social distancing doesn't add up to even delayed events being a good solution.

In this pandemic time even if colleges plan to arrange graduation ceremonies offline then there would be huge amount of health risks.

Sanitizing the environment and maintaining the social distancing, and wearing masks. Does everyone tend to wear the masks? Also, few colleges are planning to conduct graduation ceremonies through video conferencing platforms, but to what extent will the students be satisfied? All these would create uncertainty for the students, parents, teachers and other staffs.

Keeping all the above-mentioned points in the mind, we have come up with a solution where colleges can deal with the graduation ceremonies virtually based on Virtual Reality.

Thus, in this pandemic period that uses the technology in hand, our virtual graduation ceremony using VR can be more efficient and progressive.

This project aimed to establish a platform for ceremonies to happen virtually, which is a website for virtual graduation ceremony.

Tools and Technologies used were Python, its frame work Django and Blender tool. This tool was used to create male, professor female 3D models with a stunning graduation attire with an amazing gesture and animation.

Python and Django are used for the backend and frontend of the website. The personalized 3D model of each graduate accepts the degree certificate from the personalized 3D model of the professor on the stage. It would provide the student with the same experience as an in-person event despite the restrictions posed by the pandemic.

2. Methodology

We have built a website where the credentials of all the students are collected and entered into the website such as details of the professor (name, passport size photo and gender) and the students (name, USN, passport size photo and gender).

And then the uploaded passport sized photo is utilized for face-swapping in the rendered Blender 3D male and female animation models based on the gender which depicts exactly same as the student receiving the degree certificate from the professor with the graduation attire.

The face swapped video of the 3D models collecting the certificates from the professor will be uploaded back to the website and also can be downloaded by each one of the students of a college.

Here, we had extracted the face from an image, and reconstruct one with similar features in the 3D video. Imagine you had an image of two people and the celebrities dancing and you had to manually edit

to make it look like those people in the images are dancing with same surroundings as the celebrities. The complexity of such a task largely depends on how different the two faces should be, without swapping same face to both the individuals at a time.

Fig. 2.2.3 F1: Paper publication in journal

2.2.4 Initiatives related to industry interaction(15) *Institute Marks:5.00*

A. Industry supported laboratories

NIL

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

Industry involvement in the program design- Since the Institution is affiliated to VTU, program design will be done with industry involvement at university level.

C. Impact analysis of industry institute interaction and actions taken thereof

MOUs are signed between industries and institute for establishing Industry institute link.

- Students will be encouraged to take up on going 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 implications of the same.
- Technical lecturers are organized with the help of industrial experts.
- Arranging seminars, symposiums, workshops and conferences in collaborations with industries.

MOU'S WITH INDUSTRIES:

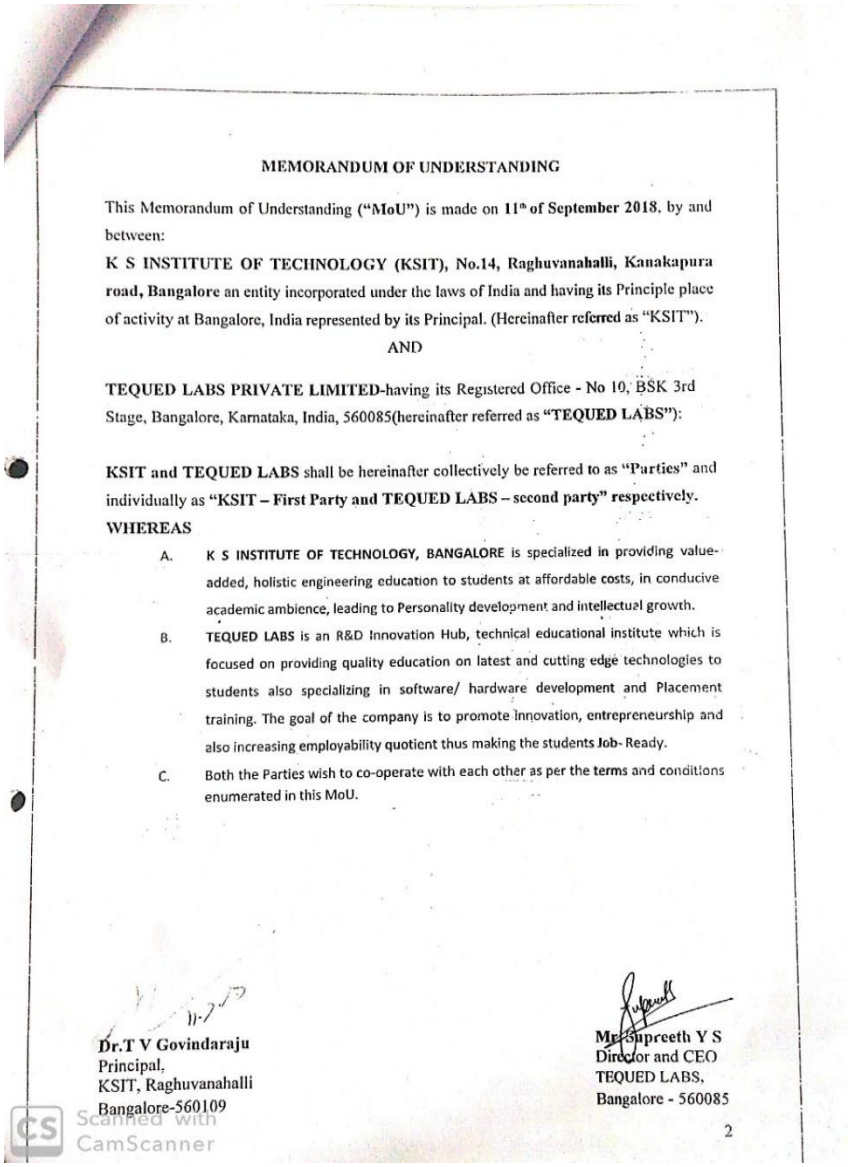
MOU's with different industries are as shown in the following table

Table 2.2.4.C1: Industry interaction impact analysis through MOUs

Sl .No	Name of the Company	Objectives(company objectives towards dept)	Outcomes	Duration	Event	Impact Analysis
1	LIVEWIRE (2017)	To initiate formal relationship under which future Cooperation on joint research and project initiatives will be facilitated.	MOU signs, Organized Technical Talk -Python on Industry, PO,PSO were justified	14-9-2017 till 14-9-20	Technical Talk on Python on Industry 9/10/2017	Gained knowledge recent technologies used in industries
2	Alpha Tech (2017)	Access to industry-ready skills within the campus that increases employability of the students.	MOU signs, Technical Talk on-Upcoming technologies and its job related opportunities, Workshop on Data Science, PO,PSO were	1-8-17 till 1-8-18	Technical Talk on "Connecting Talents to Opportunities"(IEI) 22/03/2017 Data Science	Gained knowledge about industry oriented skills

			justified		workshop 23-9-2018	
3	KSSRDI (2017)	Establishes the framework for collaborative Research & Development, education and training efforts.	MOU signs	21-8-17 till 21-8-27		UG Project undergone collaboration with KSSRDI
4	ATS Infotech Private Limited	To organize free training/workshop on app development	MOU signs, Technical Talk on Mobile App. Development, PO,PSO were justified	6-2-19 till 5-2-22	Technical talk on Mobile App Development 22-2-2019	Gained knowledge about different phases of app development
5	Rapsol Technologies(2017)	College Website Designing	MOU signs, Placement for the trained students	29-5-18 till 29-5-2019	Internship Awareness Program on 28-5-2021	Internship to students2018-19,2019-20 and 2020-21
6	Tequed Labs	Conducting FDP , Workshops/ events/training modules, technology foundation courses	MOU signs, Technical Talk on Emerging Technologies 31-10-19	14-9-18 till 14-9-21	Technical Talk on Emerging Technologies 31-10-19 and Internship talk on 18-5-2021	Gained knowledge recent trends in technologies
7	Niladvantage Technolgies Pvt Ltd	Conduct internships, Tech talks and training on recent technolgies	MOU signs, Placement for the trained student	2-5-2020 till 4-5-2025	Internship awarenes s program on 28.5.2021	Gained insight to recent technologies, student underwent internship 2019-20
8	Savory Minds Private Limited	Conduct Industrial training and vists, skill development program, Guest lectures, FDP, Placement of trained students	MOU signs, Webinar on Cyber Security	20-9-2021 till 20.9.2022	Webinar on Cyber Security 0n 10-10-2021	Gained knowledge about cyber security and how to prevent hacking

9	Prinston Smart Engineers	Conduct internships, Tech talks and training on recent technologies	MOU signed	30-9-2021 till 29-9-2025	Webinar on Internship opportunities on 12-3-2021	Internship for the students 2019-20 and 2020-21



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (**"MoU"**) is made on **11th of September 2018**, by and between:

K S INSTITUTE OF TECHNOLOGY (KSIT), No.14, Raghuvanahalli, Kanakapura road, Bangalore an entity incorporated under the laws of India and having its Principle place of activity at Bangalore, India represented by its Principal. (Hereinafter referred as "KSIT").

AND

TEQUED LABS PRIVATE LIMITED-having its Registered Office - No 10, BSK 3rd Stage, Bangalore, Karnataka, India, 560085(hereinafter referred as **"TEQUED LABS"**):

KSIT and TEQUED LABS shall be hereinafter collectively be referred to as **"Parties"** and individually as **"KSIT – First Party and TEQUED LABS – second party" respectively.**

WHEREAS

A. **K S INSTITUTE OF TECHNOLOGY, BANGALORE** is specialized in providing value-added, holistic engineering education to students at affordable costs, in conducive academic ambience, leading to Personality development and intellectual growth.

B. **TEQUED LABS** is an R&D Innovation Hub, technical educational institute which is focused on providing quality education on latest and cutting edge technologies to students also specializing in software/ hardware development and Placement training. The goal of the company is to promote innovation, entrepreneurship and also increasing employability quotient thus making the students Job- Ready.

C. Both the Parties wish to co-operate with each other as per the terms and conditions enumerated in this MoU.

Dr.T V Govindaraju
Principal,
KSIT, Raghuvanahalli
Bangalore-560109

Mr. Supreeth Y S
Director and CEO
TEQUED LABS,
Bangalore - 560085

2

Scanned with CamScanner

Fig. 2.2.4 C1:MOU with Tequed labs

2.2.5. Initiatives related to industry internship/summer training (15) *Institute Marks: 15.00*

A. *Industrial training/tours for students*

Table 2.2.5A1: Industrial and Premier Organization Visit Details

Sl. No.	**Date of Visit**	**Organization/Company**	**No. of students visited**	**Impact Analysis**
1	04/03/2017	IISC, Bangalore	120	To showcase the upcoming technologies.
2	07-11-2017	Kaynes Technology	45	Encouraged in Choosing alternate career after BE
3	07-05-2018	IISc – Indian Institute of Science	95	To showcase the upcoming technologies.
4	12/10/2018	ICAT Industrial Visit	85	Motivated the students to choose the alternate career after BE graduation in the field of Animation
5	23/03/2019	IISc – Indian Institute of Science	40	To showcase the upcoming technologies
6	26/9/19	ICAT Industrial Visit	100	Motivated the students to choose the alternate career after BE graduation in the field of Animation

B: Industry Internship Details

Table 2.2.5 B1 Industry Internship Academic year 2020-2021

Sl. No.	Name	USN	Organization	Duration	Outcome	Pos/Psoattainment
1	Vinod H Malali	1KS18CS118	Prinston	1.9.2021 To 1.10.2021	Gained An Industry Experience And Knowledge In The Domain Student Has Worked On	PO1,PO2, PO3, PO4,PO5, PO6, PO8, PO9, PO10, PO11,PO12,PSO1,PSO2
2	Goutham M	1KS18CS024				
3	Latha V	1KS18CS037				
4	Aniketh H	1KS18CS003				
5	Mopurisreelakshmi	1KS18CS053				
6	Bhavani Kg	1KS19CS403				
7	Kandimalla Krishna Pavithra	1KS18CS027				
8	Avinash Prasad	1KS18CS008				
9	Karthik K	1KS18CS028				
10	Ganesh A	1ks18cs023				
11	Rakshith Kumar N	1KS18CS081				
12	R.Dekshitha	1KS18CS075				
13	Megha Shree A	1KS18CS049				
14	Thammineni Hemanth Chowdary	1KS18CS108				
15	Swetha Bijanapalli	1KS18CS107				
16	Thammineni Hemanth Chowdary	1KS18CS108				
17	Praveen Kumar K	1KS18CS071				
18	Yashwanth K	1KS18CS121				
19	Prateek Havale	1KS18CS070				
20	Nitish Kumar M R	1KS18CS063				
21	Lavanya C R	1KS18CS038				
22	Chaitra K	1ks19cs405				
23	B.K.Susmita	1KS19CS402	Rapsol Technologies Pvt Ltd			
24	Bhavyashree.R	1KS19CS404				
25	Ranjitha HD	1KS19CS411				
26	Arpitha.G	1KS19CS401				
27	Nikitha M	1KS18CS062				
28	Kilari Ashwik	1KS18CS031				
29	Kencham Arun	1KS18CS030				
30	Narasimha Maiya G S	1KS18CS057				
31	Kruthika S Vasisht	1KS18CS035				
32	Nikil B S	1KS18CS061				
33	Y Mrudula Jain	1KS19CS414				
34	Rushi C S	1ks19cs412				
35	Kalpitha A J	1KS19CS408				
36	Shalini .S	1KS18CS090				
37	Samhitha	1KS18CS086				
38	Shewani Chib	1KS18CS124				
39	Vaishak P	1KS18CS110				
40	Shubhashini R	1KS18CS095				

41	Thirumalai Shaktivel	1KS18CS109				
42	Shalini KP	1KS18CS131				
43	Bhagyashree V	1KS18CS128				
44	Shalini KP	1KS18CS131				
45	Shivaprakash T	1KS18CS094				
46	Vishnupriya D	1KS18CS119				
47	R Ramya	1KS18CS077				
48	Sudhakar Yaswanth	1KS18CS101				
49	Vijay	1KS18CS115				
50	Subramanya N	1KS18CS100				
51	Shewani Chib	1KS18CS124				
52	Rushi C S	1ks19cs412				
53	Sunaina Nayak	1KS18CS104				
54	Shubhashini R	1KS18CS095				
55	Sudhanshu Joshi	1KS18CS102				
56	Shashank G	1KS18CS091				
57	Shalini.S	1KS18CS090				
58	Vijayashree.N.R	1KS18CS116				
59	B R Gagan	1KS17CS015				
60	Vishnupriya D	1KS18CS119				
61	R Pratiksha	1KS18CS076				
62	Madhusudhan SR	1KS18CS042				
63	Preethi K	1KS18CS072				
64	Golla Yaswanth	1KS19CS407				
65	Sindu A S	1KS18CS096				
66	Srividya H.R.	1KS18CS099				
67	Sandeep Kumar	1KS18CS087				
68	Pavan P	1KS18CS066				
69	Noor Sumaiya	1KS18CS064				
70	Zaina Khan	1KS18CS123				
71	Rekha N C	1KS18CS082				
72	Mahesh B V	1KS18CS044				
73	Sujay GS	1KS18CS103				
74	Krithika K N	1KS18CS034				
75	Arvind Pathak	1KS18CS127				
76	Veera Sreenidhi R	1KS18CS113				
77	Sudhanshu Joshi	1KS18CS102				
78	Poojashree.K	1KS18CS067				
79	Ramya.R	1ks19cs410				
80	Sunaina Nayak	1KS18CS104				
81	Ashwini J	1KS18CS007				
82	Karthik Prakash Hudedamani	1KS19CS409				
83	Sahana. V	1KS19CS413				
84	Shreya Raipalle	1KS18CS079				
85	N Sai Jahanavi	1KS18CS054	1 STOP			
86	Dandu Niharika	1KS18CS017				
87	Pujari Vishnupriya	1KS18CS073				
88	Raksha S	1KS18CS080	Tagthose			
89	Souvik Mandal	1KS17CS080	Techciti Technologi			

			es			
90	Manikonda Tharun	1KS18CS045	Halemind Engineering Private Limited			
91	Shashank Mishra	1KS18CS092	Eisystem & Technex IIT BHU			
92	Manvith P	1KS18CS046	Compsoft			
93	B Deva Deekshith	1KS18CS009	Tequed Labs			
94	Kilari Jaswanth	1KS18CS032				
95	Bi Bi Ayesha	1KS18CS129	Exposys Data Labs			
96	Likitha S	1KS18CS130				
97	Kavita Chaudhary	1KS18CS029				
98	Chandan Kumar	1KS18CS016				
99	Pranav M S	1KS18CS069	Beartax			

Table 2.2.5 B2 Industry Internship Academic year 2019-2020

SI NO	USN	NAME	ORGANIZATION	DURATION	OUTCOME	PO AND PSO s ATTAINMENT
1	1KS17CS029	Harshitha V	Abb India	3.7.2020 4.8.2020	Gained an Industry experience and knowledge in the domain student has worked on	PO1,PO2, PO3, PO4,PO5, PO6, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2
2	1KS17CS023	Divya Yashaswi Kanney	Abbaqus Pvt Ltd.			
3	1KS17CS047	Nikita Katari	Amazon			
4	1KS17CS010	Anusha A G	Appslucent Software Pvt Ltd			
5	1KS17CS084	Srushti.A	Bottomhalf			
6	1KS17CS055	Pooja R				
7	1KS17CS003	Akshatha Ramesh	Cymbeline Innovation Private Limited			
8	1KS17CS028	Hanumesh V T	Deloitte			
9	1KS17CS093	Tharun K				
10	1KS17CS040	Manjunath A				
11	1KS16CS042	Meghana H S	Design Asthetic			
12	1KS17CS033	Karthik T C	Eliga Innovative Services			
13	1KS17CS072	Sandesh	Prakal Educational Media Pvt Ltd			
14	1KS17CS082	Spoorthi V	Freshzy			
15	1KS17CS044	Mounika M K L	Gisten Project Solutions Pvt Ltd			
16	1KS17CS045	Neha K				
17	1KS17CS096	Varun Attiganal Venkatesh	Higin			

18	1KS17CS024	Ganesh G B	Ic Solution			
19	1KS17CS056	Prashanth K				
20	1KS17CS057	Praveen				
21	1KS17CS062	Rohith K				
22	1KS17CS053	Pavani.M				
23	1KS17CS058	Praveen A				
24	1KS17CS067	S.Monika				
25	1KS16CS110	Varna M				
26	1KS17CS027	H. Priyanka				
27	1KS17CS085	Sujana Gn				
28	1KS17CS087	Supriya K				
29	1KS17CS063	Rohith R				
30	1KS17CS401	Bharathi R				
31	1KS17CS088	Surakshitha M				
32	1KS17CS051	P Kishore				
33	1KS17CS091	Talupula Siva Sai Chaithanya				
34	1KS17CS095	Varshitha S				
35	1KS17CS079	Sindhu M				
36	1KS17CS025	Ganesh Maudghalya H G				
37	1KS17CS097	Varun R	Innovation Creation			
38	1KS17CS078	Sindhu H S				
39	1KS17CS098	Vikram				
40	1KS18CS401	Kruthika Bm				
41	1KS17CS083	Srikala Km	Ineuron.Ai			
42	1KS17CS102	Shriraksha S Kanago	Inversa Technosoft			
43	1KS17CS042	Meghana G				
44	1KS17CS035	Keerthi N				
45	1KS17CS046	Nikhil Subramanya K	Knowledge Solutions			
46	1KS17CS065	Roshini R				
47	1KS17CS005	Amogh R				
48	1KS17CS008	Anoop P S				
49	1KS17CS006	Amogha Manjunatha K	Niladvantage Pvt Ltd			

50	1KS17CS019	Chennakeshava Nt				
51	1KS17CS038	Lokesh B M				
52	1KS17CS064	Roopashree N				
53	1KS17CS070	Sai Sneha Sv				
54	1KS17CS061	Rakshith R				
55	1KS17CS069	Sai Kumar				
56	1KS17CS076	Shreyas R				
57	1KS17CS100	Vishal M S				
58	1KS17CS099	Vinay Biradar				
59	1KS17CS075	Shashank Shet K				
60	1KS17CS013	Ashish Amar				
61	1KS17CS052	Parth P Shah				
62	1KS17CS099	Vinay Biradar				
63	1KS17CS070	Sai Sneha Sv				
64	1KS17CS030	Indrasena Kalyanam	Prinston's Smart Engineers			
65	1KS17CS014	Lakshmi Prasanna B				
66	1KS17CS030	Indrasena Kalyanam				
67	1KS17CS018	Chandana B R				
68	1KS17CS043	Meghana G R				
69	1KS17CS017	Chaitra				
70	1KS17CS007	Amrutha V Deshpande				
71	1KS17CS048	Nishchitha C	Tech Fortune Technologies			
72	1KS17CS050	Nydile G R				
73	1KS17CS090	T K Dhanushree				
74	1KS17CS011	Anushree J				
75	1KS17CS037	Lavanya V				
76	1KS17CS101	Vybhavi J	Techuva Solutions Pvt Ltd			
77	1KS15CS128	Sharada.A.	Techciti Technology Pvt.Ltd			
78	1KS17CS036	Krithika Jagannath	Xon Labs			
79	1KS17CS002	Abhishek Gowda M V				
80	1KS17CS021	Deekshitha R				
81	1KS17CS026	Gautham C R				
82	1KS17CS022	Deepika S H				
83	1KS17CS041	Meghana Cv				

84	1KS17CS066	Ruchitha Gk	Tequed Labs Pvt Limited			
85	1KS17CS071	Sakshi Kumari				
86	1KS17CS049	Nitish Kumar Gupta				
87	1KS17CS089	Swati Pai				
88	1KS17CS081	Spoorthi R				
89	1KS17CS060	Rajashree Shivakumar				
90	1KS17CS020	Darshan S				
91	1KS17CS074	Sharanya H				
92	1KS17CS060	Rajashree Shivakumar				
93	1KS17CS004	Akshitha Bs				
94	1KS17CS001	Aafreen Hussain				
95	1KS17CS092	Tejas	Bharat Electronics			
96	1KS17CS086	Supretha	Cognitive Clouds			
97	1KS17CS032	Karan Raghunath	Trayag Llp			
98	1KS15CS050	Laxmi K V	Vivarttana Technologies Pvt. Ltd			
99	1KS16CS090	Shashank Kaur	Verzeo			
100	1KS17CS059	Praveen S				

Table 2.2.B3 Industry Internship Academic year 2018-2019

SL. NO.	USN	NAME OF THE STUDENT	ORGANIZATION	DURATION	OUTCOME	POs/PSOs attainment
1	1KS16CS034	Kiran Kumar.M	Apprify	**4 .7.2019-5.8.2019**	Gained an Industry experience and knowledge in the domain student has worked on	PO1,PO2, PO3, PO4,PO5, PO6, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2
2	1KS16CS039	Manipi Manoj				
3	1KS16CS057	Nivetha.K	Arowana Consultings Ltd			
4	1KS15CS011	Apoorva.V.Kumar				
5	1KS16CS007	Amith.J.S	Atssl			
6	1KS16CS009	Ananyashree.H.Bhartur				
7	1KS16CS030	Kavya.D				
8	1KS16CS045	Monica.M				
9	1KS16CS054	Nikhila.M.Y				
10	1KS16CS056	Nithya.G				
11	1KS17CS403	Karishma.A.J				
12	1KS17CS404	Nethravathi.K.G				
13	1KS17CS406	Sandhya.K				
14	1KS15CS009	Anupam.R				
15	1KS15CS014	Bharath.H.G				
16	1KS15CS078	Rajeev Koushik.Y.G				
17	1KS16CS037	Lavanya.B	City Surveilance Services Pvt Ltd			
18	1KS16CS041	Meghana.B.S				
19	1KS16CS047	Monisha.R				
20	1KS16CS055	Nisarga.B				
21	1KS16CS003	Aditya Shankar.M	Contriver			

22	1KS16CS026	Hrishikesh.C.V				
23	1KS16CS053	Niharika Rajaram	Data Foudry Ai			
24	1KS16CS016	Bhavana.R	Dhatu Solution Private Limited			
25	1KS16CS002	Aditya Mishra	Experts Hub.Org			
26	1KS16CS027	Ishani Koul	Impressic			
27	1KS16CS008	Anand.T.R	Isro			
28	1KS16CS022	Harini.B.H	Nayagaadi			
29	1KS16CS032	Keerthi.M				
30	1KS16CS033	Ketan.K				
31	1KS16CS038	Manasa Reddy.K				
32	1KS16CS048	Mythresh.A				
33	1KS16CS049	Nagalekha Ramesh				
34	1KS16CS052	Navya.N				
35	1KS16CS010	Appanna Gowda.D	Pathfinder Nri			
36	1KS16CS025	Hithaishini.C				
37	1KS16CS029	Kamakoti.P.Suseela Priyanka				
38	1KS16CS046	Monika.C				
39	1KS16CS020	Dhanvi.P.Desai	Prowesstree Solutions	**4 .7.2019-5.8.2019**		
40	1KS16CS031	Keerthana Vijayabaskar				
41	1KS16CS120	Sindhushree	Rapsol			
42	1KS16CS121	Sushma Basavaraj Nidoni				
43	1KS17CS407	Shruthi.D.N				
44	1KS16CS108	Tanushree.P				
45	1KS16CS005	Akshatha.S.Katta	Smec Automation Pvt Ltd			
46	1KS16CS014	Bharath Kumar.T.B				
47	1KS16CS018	Dakaraju Viswa Teja				
48	1KS16CS019	Darshan.G.K				
49	1KS16CS021	Greeshma.S				
50	1KS16CS051	NARSINGH KUMAR CHAUHAN				
51	1KS16CS058	Nukala Hari Vamsi Krishna				
52	1KS16CS060	Pavan Gowda.B.K				
53	1KS16CS001	Abhishek.M	Cloud Fabrica Technologies Pvt Ltd			
54	1KS16CS004	Akhila.N	G1 Technologies			
55	1KS16CS015	Bharath.P				
56	1KS16CS044	Mohith.P				
57	1KS16CS006	Aman Sagar	Digitalflow			
58	1KS15CS037	Jayraj Jatin Bagdawala				
59	1KS16CS011	Aravind.R	Someshwara Software Pvt Ltd			
60	1KS16CS012	Ayush Gupta	Amar People World			
61	1KS16CS013	Bhagwat Dayal				
62	1KS16CS017	Charles Thomas				
63	1KS16CS036	Lakshya Ruhela				
64	1KS16CS023	Harshitha.B.S	Sheorey Digital Systems Pvt Ltd			

65	1KS16CS024	Harshitha.G.R	Ensatus			
66	1KS16CS035	Kovvuri Tarun Naidu				
67	1KS16CS040	Manmohan Singh	Hal			
68	1KS16CS077	Rohit Kumar.B.R	Coleague Solutions Pvt Ltd			
69	1KS16CS065	Prashant Kumar Tiwari	Digitalflow			
70	1KS16CS092	Shravan Bhat	Fabrik			
71	1KS16CS079	Sahana.S	Hal			
72	1KS16CS107	Swathi.M.C				
73	1KS16CS070	Priyanka Pandit	Interact Infotech			
74	1KS16CS067	Preksha.J.W	Inventeron Technologies & Business Solutions Llp			
75	1KS16CS087	Shalini.N				
76	1KS16CS084	Sandra Vaanija	Mphasis			
77	1KS16CS088	Shalini.V				
78	1KS16CS086	Savinaya Shetty.T.N	Nayagaadi	**4 .7.2019-5.8.2019**		
79	1KS16CS091	Sheela				
80	1KS16CS093	Shreelekha.R.N				
81	1KS16CS095	Shrividya.N				
82	1KS16CS113	Varshitha.K				
83	1KS16CS114	Vedanthi Karthik.N				
84	1KS16CS115	Velluvayala Rakesh Srivatsav				
85	1KS16CS081	Sameeksha.M.Gupta	Nualfas Business Solutions			
86	1KS15CS069	Prashanth.S	Rapsol			
87	1KS15CS121	YASHAS.H.R				
88	1KS15CS127	Vinutha.S				
89	1KS16CS061	Pooja Sreedhara Murthy	Scentora			
90	1KS16CS062	Pradeep.K.S	Smec Automation Pvt Ltd			
91	1KS16CS066	Pratik.N.N				
92	1KS16CS071	Pruthvi Patel.A.S				
93	1KS16CS102	Suhas.K.J				
94	1KS16CS103	Suhas Kakade.K				
95	1KS16CS104	Suhil.K.M				
96	1KS17CS405	Nishanth.A				
97	1KS16CS063	Prajwal.D				
98	1KS16CS094	Shreyas.H.C				
99	1KS16CS112	Varsha Purushotham	Technofly Solutions			
100	1KS16CS096	Siddhanth.M	Thinkify.Io			
101	1KS14CS019	Aravind.K.L	Uniwear			
102	1KS16CS072	Raghuram.G.N	Vivarthana			
103	1KS16CS073	Rahul.V				
104	1KS16CS074	Rakshit Pawar				
105	1KS16CS076	Ritwik.G.S				
106	1KS16CS100	Soumya Dattatreya Hegde				
107	1KS16CS105	Supriya.C				
108	1KS16CS106	Surya.M				
109	1KS16CS116	Vennala.K.N				

110	1KS16CS118	Vidyashree.S				
111	1KS15CS035	Harshitha Sakchi				
112	1KS15CS050	Laxmi.K.V				
113	1KS15CS073	Priyanka.M				
114	1KS16CS078	Ruthvik.B.R	Verzeo Edutech			
115	1KS16CS082	Sampath Kumar				
116	1KS16CS090	Shashank Kavur				
117	1KS15CS091	Shanthanu Shivaswamy				
118	1KS16CS064	Pranjul Mishra				
119	1KS16CS083	Sandhya.D	Tekatron It Solutions			
120	1KS16CS089	Shantanu Kumar	Amar People World			
121	1KS16CS098	Sonali Sinha		**4 .7.2019-5.8.2019**		
122	1KS16CS101	Sourab Kumar	Ploud.Io			
123	1KS16CS119	Vydehi Bhat	Vivarttana			
124	1KS16CS123	Rashmi Hegade				
125	1KS14CS076	Pavan Kumar.D	Sparkyo Technology Pvt Ltd			
126	1KS16CS109	Tejaswini.G	Brickwork India Pvt. Ltd			
127	1KS16CS117	Vidhya Dhari.L	Cranes Varsity			
128	1KS16CS099	Soujanya.K				

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amazon | Amazon Transportation Services Pvt Ltd

CIN: U74140DL2012FTC235140

04th May'21

TO WHOMSOEVER IT MAY CONCERN

Sub: Internship of Nikita Katari at ATSPL-BLUA (Bengaluru)

This is to certify that **Nikita Katari**, a student of **K S Institute of Technology** has completed her internship with Amazon Transportation Services Pvt. Ltd from **24th August 2020 to 24th November 2020** at **BLUA** delivery station, **Bengaluru**.

The project was titled **"DA Scorecard"** and assigned by Team BLUA under the guidance of **Prateek Arora (SM-BLUA)**. She has successfully completed all the requirements of his project.

We wish her all the best in her future endeavors.

Regards,
For Amazon Transportation Services Pvt. Ltd

Gowardhan Devidas Borkar
Sr. HRBP – South Zone

Registered Office: Ground Floor, Eros Plaza, Eros Corporate Centre, Nehru Place, New Delhi – 110 019
Telephone No – 011-47985600

Fig. 2.2.5 B1: Internship certificate

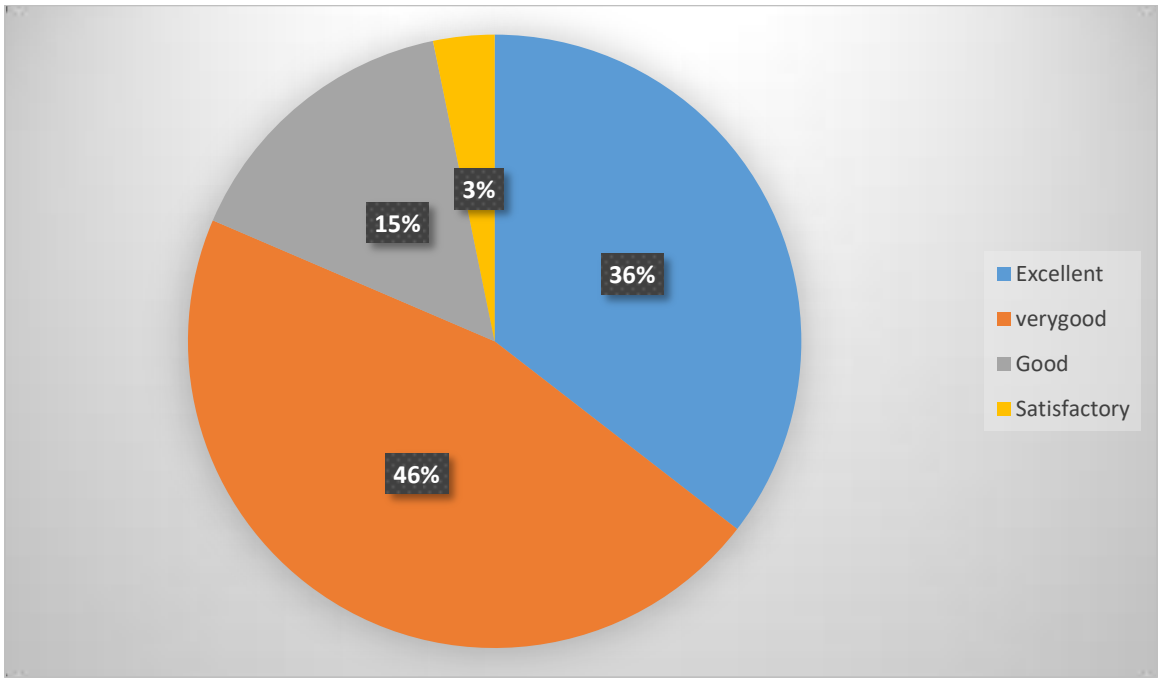
C. Impact Analysis of Industrial training/internship

Internship Feedback 2018-19

- Use feedback form for impact analysis
- Communication Skills, Exposure to industry standards, punctuality etc

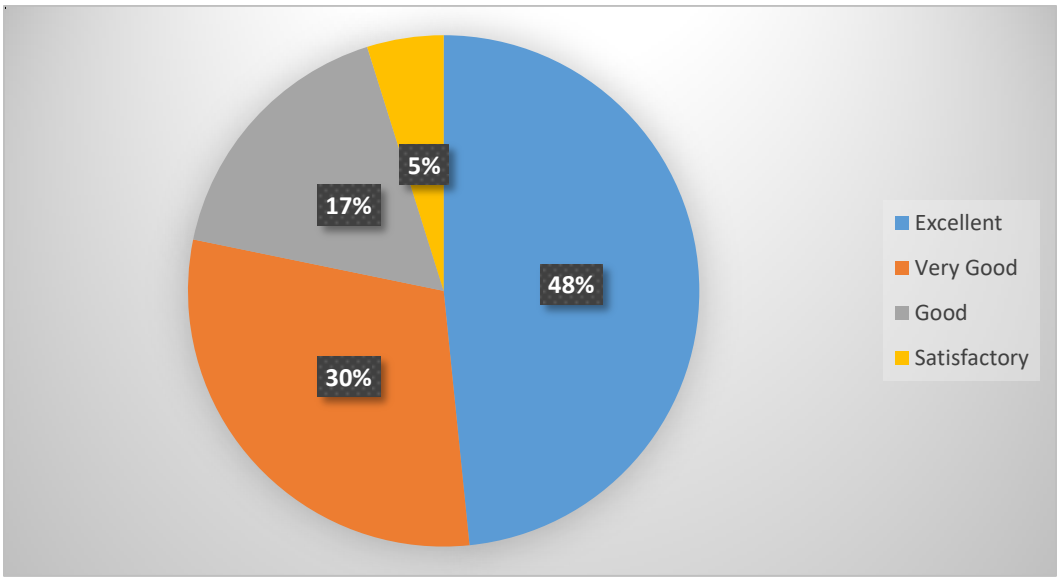
Task given during internship are related to the subject I have learnt

Excellent	44
Very Good	57
Good	19
Satisfactory	4



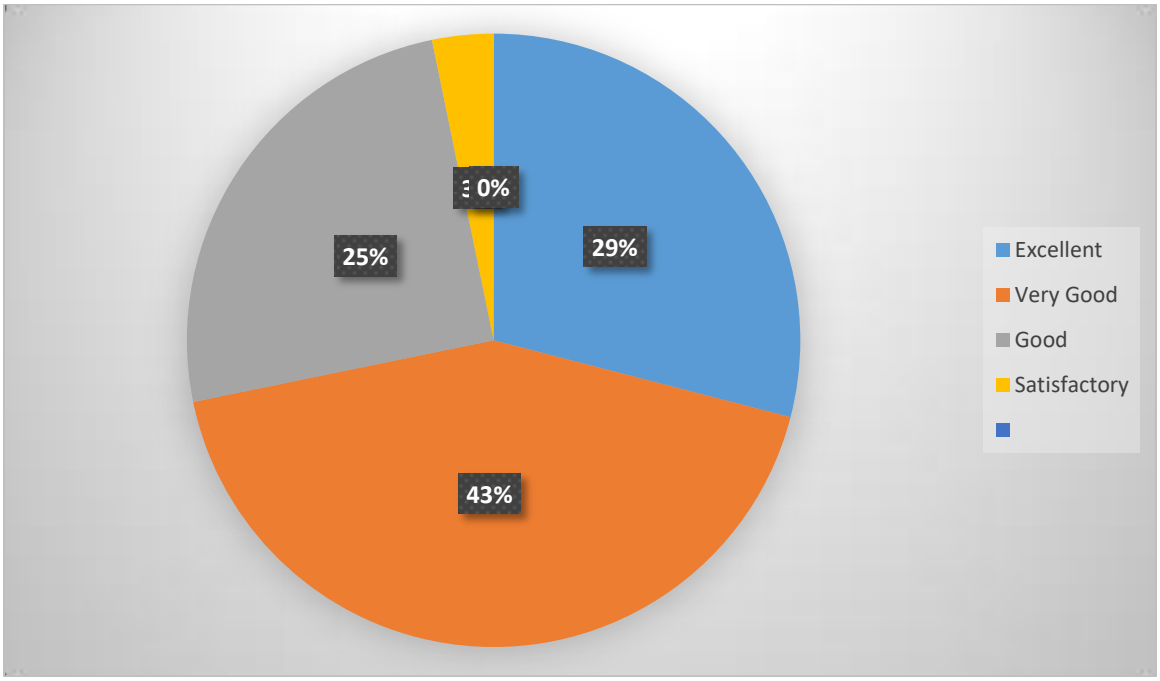
- The tasks given are challenging and testing your mettle

Excellent	60
Very Good	37
Good	21
Satisfactory	6



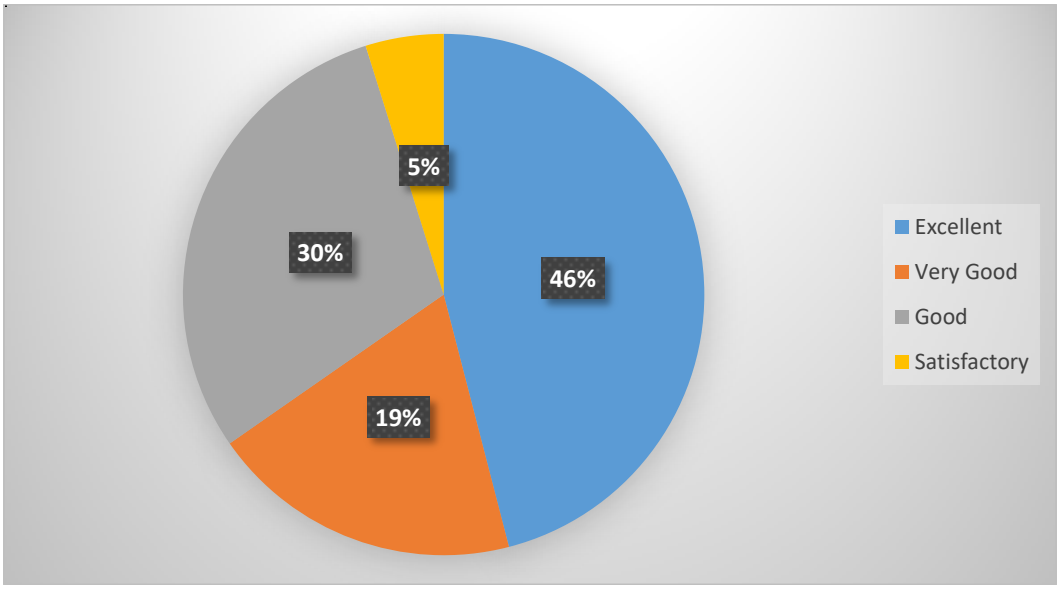
- **The task given were able to complete in the given duration**

Excellent	36
Very Good	53
Good	31
Satisfactory	4



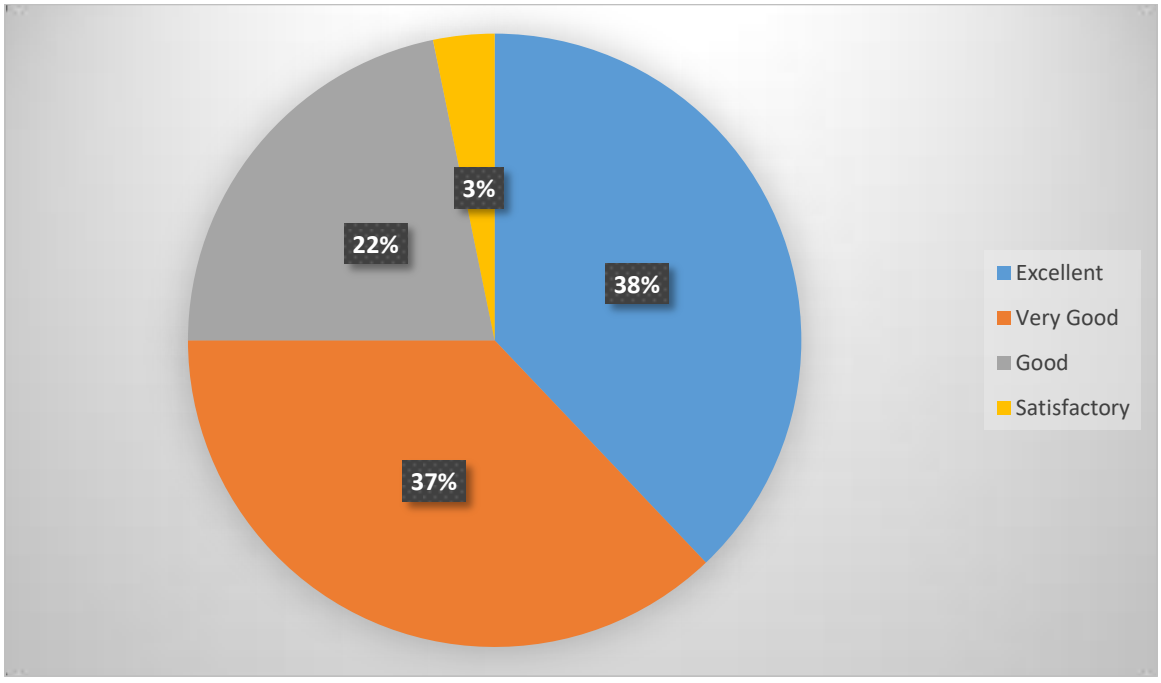
- **The working environment is suitable for the training of industrial trainees**

Excellent	57
Very Good	24
Good	37
Satisfactory	6



- **The colleagues provide good support and receptive of the trainees**

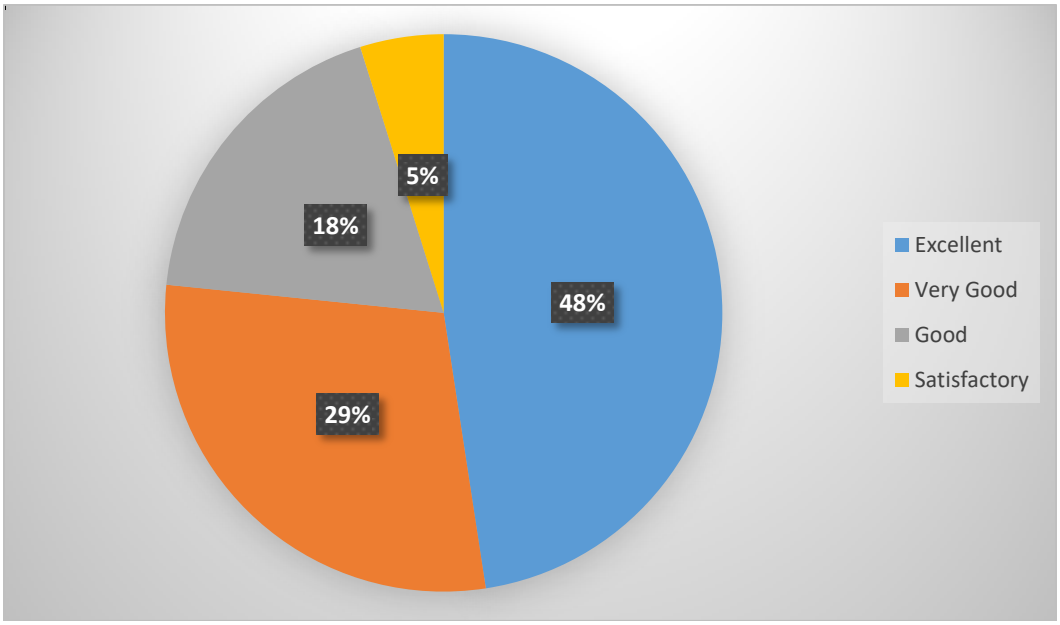
Excellent	47
Very Good	46
Good	27
Satisfactory	4



- **I get along well with the colleagues**

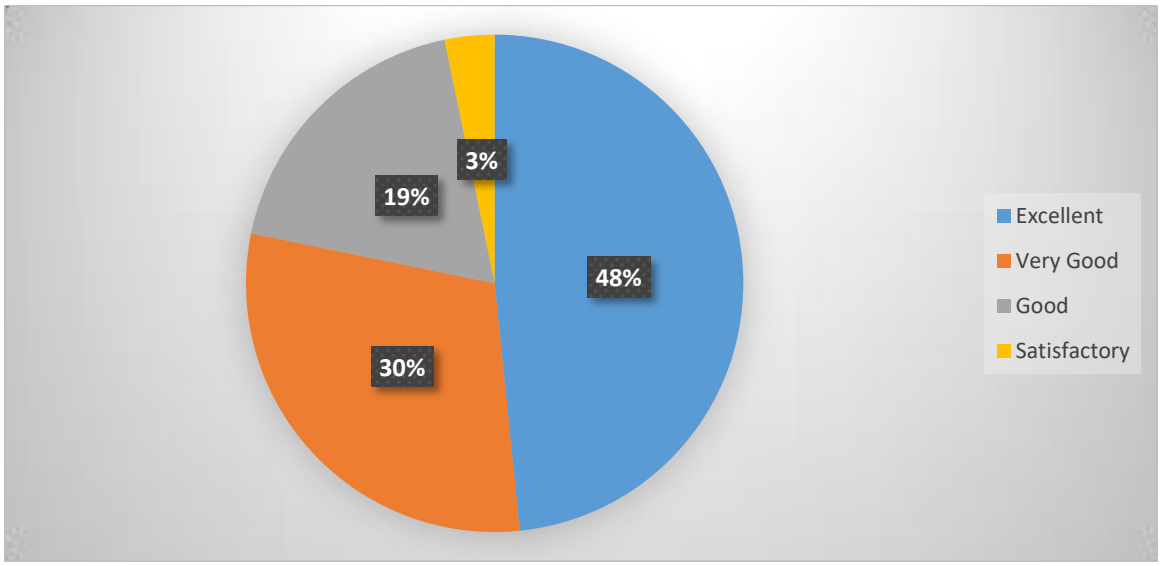
Excellent	59
Very Good	36

Good	23
Satisfactory	6



- **Training attended has prepared me well to work in industry in terms of knowledge**

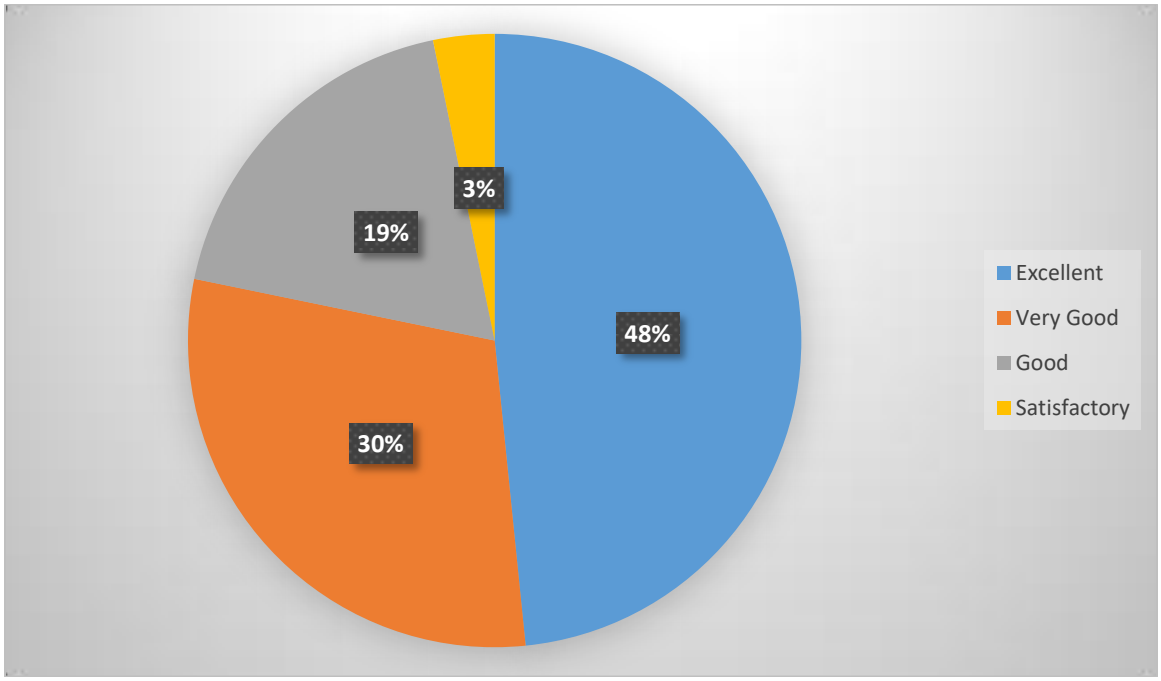
Excellent	60
Very Good	37
Good	23
Satisfactory	4



- **The has prepared me in terms of techniques and skills**

Excellent	60
Very Good	37
Good	23

Satisfactory	4

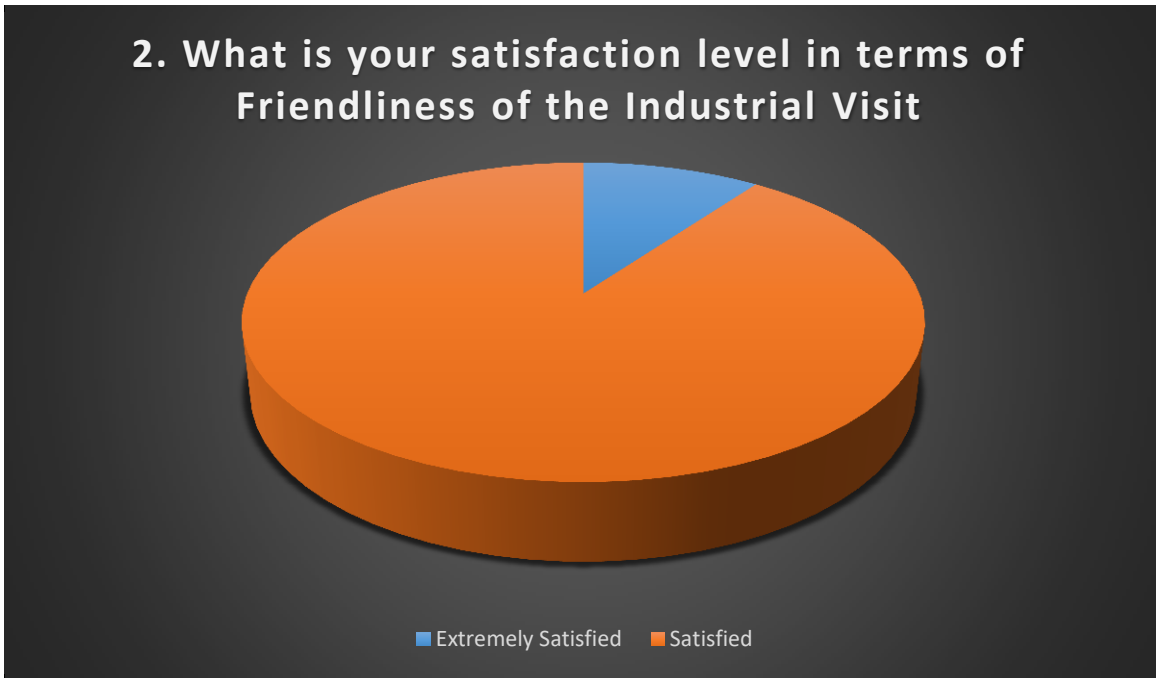


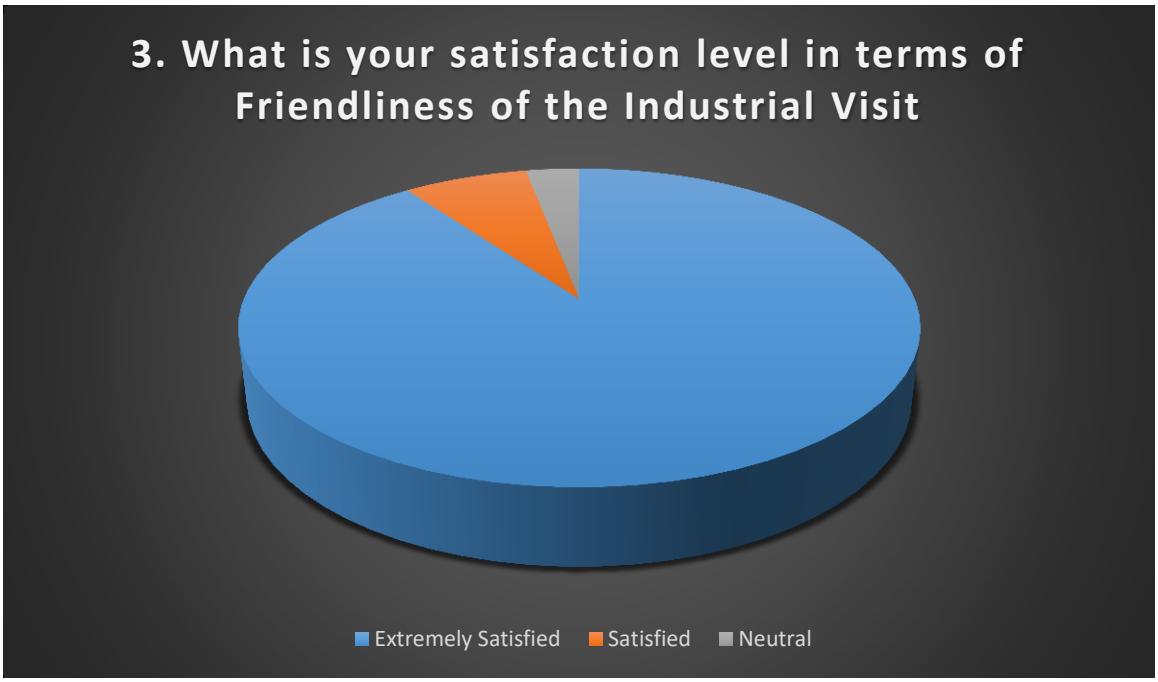
- **The overall academic learning in the institution had helped me to go through industrial training with confidence**

Excellent	48
Very Good	41
Good	31
Satisfactory	4

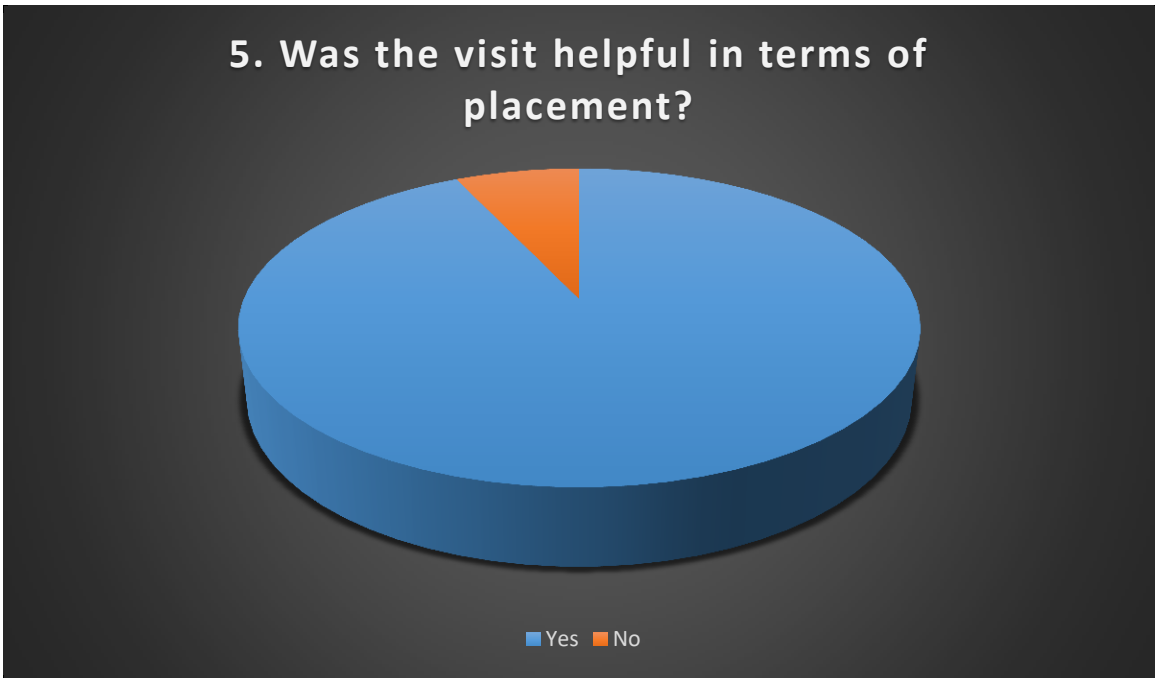
Industrial visit Feedback- 2019-20

1. How do you evaluate overall Industrial Visit?
Excellent
Good
Very Good


2. What is your satisfaction level in terms of Friendliness of the Industrial Visit
Extremely Satisfied
Satisfied


3. What is your satisfaction level in terms of Friendliness of the Industrial Visit
Extremely Satisfied
Satisfied
Neutral

4. What is your satisfaction level in terms of service efficiency of the Industrial Visit?
Satisfied



7D: Student feedback on initiative

Feedback is collected from the students and used for impact analysis. Format of the feedback form is given below:

Table 2.2.5.D1:Feedback format

Factors for feedback	**Excellent**	**Very Good**	**Good**	**Satisfactory**
Task:				
1) Task given are related to the subject I have learnt				
2) The tasks given are challenging and testing your mettle				
3) The task given were able to complete in the given duration				
Workplace:				
4) The working environment is suitable for the training of industrial trainees				
5) The colleagues provide good support and receptive of the trainees				
6) I get along well with the colleagues				
Industrial Training Preparation:				
7) Training attended has prepared me well to work in industry in terms of knowledge				
8) The has prepared me in terms of techniques and skills				
9) The overall academic learning in the institution had helped me to go through industrial training with confidence				

Table 2.2.5.D2: Sample Internship Feedback

SL. NO.	USN	NAME OF THE STUDENT	Question 1	Question 2	Question 3	Question 4	Question 5	Question 6	Question 7	Question 8	Question 9
1	1KS16CS061	POOJA SREEDHARA MURTHY	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
2	1KS16CS062	PRADEEP.K.S	Very Good	Excellent	Very Good	Good	Good	Very Good	Excellent	Very Good	Excellent
3	1KS16CS063	PRAJWAL.D	Good	Good	Good	Good	Good	Good	Good	Good	Good
4	1KS16CS064	PRANJUL MISHRA	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
5	1KS16CS065	PRASHANT KUMAR TIWARI	Very Good	Good	Very Good	Good	Very Good	Good	Good	Very Good	Very Good
6	1KS16CS066	PRATIK.N.N	Excellent	Excellent	Very Good	Excellent	Very Good	Excellent	Excellent	Excellent	Very Good
7	1KS16CS067	PREKSHA.J.W	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
8	1KS16CS070	PRIYANKA PANDIT	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
9	1KS16CS071	PRUTHVI PATEL.A.S	Very Good	Very Good	Very Good	Very Good	Very Good	Excellent	Excellent	Excellent	Excellent
10	1KS16CS072	RAGHURAM.G.N	Very Good	Very Good	Good	Excellent	Very Good	Very Good	Very Good	Very Good	
11	1KS16CS073	RAHUL.V	Very Good	Excellent	Very Good	Good	Very Good	Excellent	Excellent	Very Good	Very Good
12	1KS16CS074	RAKSHIT PAWAR	Very Good	Excellent	Very Good	Good	Excellent	Very Good	Excellent	Very Good	Good
13	1KS16CS076	RITWIK.G.S	Very Good	Excellent	Good	Excellent	Good	Very Good	Very Good	Excellent	Excellent
14	1KS16CS077	ROHIT KUMAR.B.R	Very Good	Excellent	Excellent	Very Good	Excellent	Excellent	Very Good	Good	Excellent
15	1KS16CS078	RUTHVIK.B.R	Excellent	Very Good	Good	Excellent	Excellent	Very Good	Excellent	Very Good	Good
16	1KS16CS079	SAHANA.S	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
17	1KS16CS081	SAMEEKSHA.M.GUPTA	Good	Good	Good	Good	Good	Good	Good	Good	Good
18	1KS16CS082	SAMPATH KUMAR	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
19	1KS16CS083	SANDHYA.D	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent

20	1KS16CS084	SANDRA VAANJA	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
21	1KS16CS086	SAVINAYA SHETTY.T.N	Excellent	Excellent	Very Good	Excellent	Very Good	Excellent	Excellent	Very Good	Very Good
22	1KS16CS087	SHALINI.N	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
23	1KS16CS088	SHALINI.V	Very Good	Very Good	Very Good	Good	Very Good	Excellent	Very Good	Very Good	Very Good
24	1KS16CS089	SHANTANU KUMAR	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
25	1KS16CS090	SHASHANK KAVUR	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
26	1KS16CS091	SHEELA	Good	Good	Good	Good	Good	Good	Good	Good	Good
27	1KS16CS092	SHRAVAN BHAT	Very Good	Very Good	Very Good	Excellent	Excellent	Excellent	Very Good	Very Good	Very Good
28	1KS16CS093	SHREELEKHA.R.N	Very Good	Very Good	Very Good	Excellent	Very Good	Good	Good	Very Good	Very Good
29	1KS16CS094	SHREYAS.H.C	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
30	1KS16CS095	SHRIVIDYA.N	Good	Good	Good	Good	Good	Good	Very Good	Very Good	Good
31	1KS16CS096	SIDDHANTH.M	Good	Good	Good	Good	Good	Good	Good	Good	Good
32	1KS16CS098	SONALI SINHA	Good	Satisfactory	Good	Satisfactory	Good	Satisfactory	Good	Satisfactory	Good
33	1KS16CS099	SOUJANYA.K	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
34	1KS16CS100	SOUMYA DATTATREYA HEGDE	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
35	1KS16CS101	SOURAB KUMAR	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
36	1KS16CS102	SUHAS.K.J	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
37	1KS16CS103	SUHAS KAKADE.K	Good	Good	Good	Good	Good	Good	Good	Good	Good
38	1KS16CS104	SUHIL.K.M	Good	Good	Good	Good	Good	Very Good	Very Good	Very Good	Good
39	1KS16CS105	SUPRIYA.C	Satisfactory	Satisfactory	Good	Satisfactory	Good	Good	Good	Good	Good
40	1KS16CS106	SURYA.M	Very Good	Very good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
41	1KS16CS107	SWATHI.M.C	Good	Good	Good	Good	Good	Good	Good	Good	Good
42	1KS16CS108	TANUSHREE.P	Good	Good	Average	Satisfactory	Good	Good	Satisfactory	Good	Good
43	1KS16CS109	TEJASWINI.G	Good	Very good	Very Good	Very Good	Good	Very Good	Good	Very Good	Good
44	1KS16CS112	VARSHA PURUSHOTHAM	Very Good	Very good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
45	1KS16CS113	VARSHITHA.K	Satisfactory	Satisfactory	Good	Satisfactory	Good	Good	Good	Satisfactory	Satisfactory
46	1KS16CS114	VEDANTHI KARTHIK.N	Good	Good	Good	Good	Good	Good	Good	Good	Good
47	1KS16CS115	VELLUVAYALA RAKESH SRIVATSAV	Very Good	Good	Good	Good	Very Good	Good	Good	Good	Good
48	1KS16CS116	VENNALA.K.N	Very Good	Very good	Very Good	Very Good	Good	Very Good	Very Good	Very Good	Very Good
49	1KS16CS117	VIDHYA DHARI.L	Good	Very good	Very Good	Good	Very Good	Very Good	Very Good	Very Good	Very Good
50	1KS16CS118	VIDYASHREE.S	Very Good	Good	Good	Very Good	Good	Good	Good	Good	Good
51	1KS16CS119	VYDEHI BHAT	Very Good	Very good	Very Good	Good	Good	Very Good	Good	Good	Good
52	1KS16CS123	RASHMI HEGADE	Good	Good	Good	Good	Good	Good	Good	Good	Good
53	1KS17CS405	NISHANTH.A	Very Good	Very good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
54	1KS15CS035	HARSHITHA SAKCHI	Very Good	Very good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
55	1KS15CS050	LAXMI.K.V	Very Good	Very good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
56	1KS15CS069	PRASHANTH.S	Poor	Average	Very Good	Satisfactory	Good	Very Good	Poor	Poor	Poor
57	1KS15CS073	PRIYANKA.M	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Average	Average	Average	Satisfactory
58	1KS15CS091	SHANTHANU SHIVASWAMY	Good	Good	Good	Good	Good	Good	Good	Good	Good
59	1KS15CS121	YASHAS.H.R	Good	Good	Poor	Satisfactory	Satisfactory	Satisfactory	Average	Satisfactory	Satisfactory
60	1KS15CS127	VINUTHA.S	Good	Satisfactory	Good	Good	Good	Good	Satisfactory	Satisfactory	Good
61	1KS14CS019	ARAVIND.K.L	Very Good	Very good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
62	1KS14CS076	PAVAN KUMAR.D	Very Good	Very good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
63	1KS16CS404	JYOTHIPRIYA.M	Very Good	Very good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good

3. COURSE OUTCOMES AND PROGRAM OUTCOMES (120)

Total Marks: 104.00

Define the Program Specific Outcomes (PSO's)

3.1. Establish the correlation between the courses and the Program Outcomes (POs) and Program Specific Outcomes (PSOs) (20) Total Marks:20.00

PSO1: Ability to understand, analyse problems and implement solutions in Programming languages, as well to apply concepts in core areas of Computer Science in association with professional bodies and clubs.

PSO2: Ability to use computational skills and apply software knowledge to develop effective solutions and data to address real world challenges.

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) (05) Institute Marks: 5.00*

Course Name:	C203	Course Year:	2017-2018

C203.1	Apply the fundamental concepts of data structures and their applications essential for programming/problem solving.
C203.2	Make use of linear data structures such as stacks and queues to implement their respective applications
C203.3	Identify the different types of linked lists and their applications.
C203.4	Construct various types of trees to implement their applications.
C203.5	Develop various applications using different data structures, searching, sorting, hashing and files concepts.

Course Name:	C214	Course Year:	2017-2018

C214.1	Identify the different types of network topology and protocols.
C214.2	Construct the encoding scheme, multiplexing methods and suitable media for data transmission.
C214.3	Apply different error detection and correction methods for digital data.
C214.4	Identify the architecture of wired Local Area Networks and select suitable media access control protocol for data transmission
C214.5	Identify the different network layer protocols.

Course Name:	C302	Course Year:	2018-2019

C302.1	Identify the fundamentals of application layer protocols.
C302.2	Recognize the transport layer services and infer UDP and TCP protocols.
C302.3	Make use of routing algorithm in network layer and classify the routers.
C303.4	Organize the wireless and mobile Networks covering IEEE 802.11 standard.
C303.5	Plan the Best effort services, Quality of service guarantees for different multimedia network applications.

Course Name:	C310	Course Year:	2018-2019

C310.1	Design and implement algorithms for 2D graphics primitives and attributes.
C310.2	Illustrate Geometric transformations on both 2D and 3D objects.
C310.3	Apply concepts of clipping and visible surface detection in 2D and 3D viewing, and Illumination Models.

C310.4	Decide suitable hardware and software for developing graphics packages using OpenGL.
C310.5	Infer the representation of curves, surfaces, Color and Illumination models.

Course Name:	C402	Course Year:	2019-2020

C402.1	Identify the different parallelism models, network topology and performance of parallel architecture.
C402.2	Utilize various processor technologies and supporting memory hierarchy in context of parallelism
C402.3	Make use of the hardware components and Pipelining superscalar technique to improve performance.
C403.4	Choose the suitable synchronization mechanism, computer organization and parallel processing architectures.
C404.5	Build different parallel programming models and Instruction level Parallelism.

Course Name:	C410	Course Year:	2019-20

C410.1	Identify the Applications of Business Intelligence, Data Warehousing, Data Mining and Data Visualization.
C410.2	Apply the different Data Mining Techniques such Decision Trees, Regression, Artificial Neural Networks, Cluster Analysis and Association Rule.
C410.3	Identify the Applications of Text and Web Mining and also Utilize the Machine learning Techniques such as Naïve-Bayes Analysis and Support Vector Machines
C410.4	Make use of the basic concepts of Hadoop Distributed File system and Map Reduce programming.
C410.5	Utilize the Essential Hadoop Tools and Hadoop administration procedures.

3.1.2 CO-PO matrices of courses selected in 3.1.1 (six matrices to be mentioned; one per semester from 3rd to 8th semester) (5) *Institute Marks: 5.00*

1. Course Name: C203

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C203.1	3	3	2	-	-	-	-	-	-	-	-	-
C203.2	3	3	2	-	-	-	-	-	-	-	-	-
C203.3	3	3	2	-	-	-	-	-	-	-	-	-
C203.4	3	3	2	-	-	-	-	-	-	-	-	-
C203.5	3	3	2	-	-	-	-	-	-	-	-	-
AVERAGE	**3**	**3**	**2**	-	-	-	-	-	-	-	-	-

2. Course Name: C214

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C214.1	2	2	2	-	-	-	-	-	-	-	-	-
C214.2	3	3	3	-	-	-	-	-	-	-	-	-
C214.3	3	3	3	-	-	-	-	-	-	-	-	-
C214.4	3	3	3	-	-	-	-	-	-	-	-	-
C214.5	3	3	2	-	-	-	-	-	-	-	-	-
AVERAGE	**2.8**	**3**	**2.6**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

3. Course Name: C302

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C302.1	3	1	1	-	**-**	**-**	**-**	**-**	-	-	**-**	**-**
C302.2	3	2	2	-	**-**	**-**	**-**	**-**	-	-	**-**	**-**
C302.3	3	2	1	-	**-**	**-**	**-**	**-**	-	-	**-**	**-**
C303.4	3	2	1	-	**-**	**-**	**-**	**-**	-	-	**-**	**-**
C303.5	3	2	1	-	**-**	**-**	**-**	**-**	-	-	**-**	**-**
AVERAGE	**3**	**1.8**	**1.2**	-	-	**-**	**-**	**-**	-	-	**-**	**-**

4. Course Name: C310

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C310.1	1	1	2	-	2	-	-	-	-	-	-	-
C310.2	2	2	1	-	3	-	-	-	-	-	-	-
C310.3	2	2	2	-	2	-	-	-	-	-	-	-
C310.4	2	1	2	-	2	-	-	-	-	-	-	-
C310.5	-	1	1	-	-	-	-	-	-	-	-	-
AVERAGE	**1.75**	**1.4**	**1.6**	**-**	**2.25**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

5. Course Name: C402

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C402.1	3	3	1	-	-	-	-	-	-	-	-	-
C402.2	3	3	1	-	-	-	-	-	-	-	-	-
C402.3	3	3	1	-	-	-	-	-	-	-	-	-
C403.4	3	3	1	-	-	-	-	-	-	-	-	-
C404.5	3	3	1	-	-	-	-	-	-	-	-	-
AVERAGE	**3**	**3**	**1**	-	-	-	-	-	-	-	-	-

6. Course Name: C410

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C410.1	2	2	3	2	3	-	-	-	-	-	-	2
C410.2	2	2	3	2	3	-	-	-	-	-	-	2
C410.3	2	2	3	2	3	-	-	-	-	-	-	2
C410.4	2	2	3	2	3	-	-	-	-	-	-	2
C410.5	2	2	3	2	3	-	-	-	-	-	-	2
AVERAGE	2	2	3	2	3	-	-	-	-	-	-	2

1. Course Name: C203

CO	PSO1	PSO2
C203.1	3	1
C203.2	3	1
C203.3	3	1
C203.4	3	1
C203.5	3	1
AVERAGE	**3**	**1**

2. Course Name: C214

CO	PSO1	PSO2
C214.1	2	1
C214.2	2	1
C214.3	2	1
C214.4	2	2
C214.5	2	2
AVERAGE	**2**	**1.4**

3. Course Name: C302

CO	PSO1	PSO2
C302.1	2	2
C302.2	2	2
C302.3	2	2
C303.4	2	2
C303.5	2	2
AVERAGE	2	2

4. Course Name: C310

CO	PSO1	PSO2
C310.1	3	3
C310.2	3	3
C310.3	3	3
C310.4	3	3
C310.5	3	3
AVERAGE	**3**	**3**

5. Course Name: C402

CO	PSO1	PSO2
C402.1	2	1
C402.2	2	1
C402.3	2	1
C403.4	2	1
C404.5	2	1
AVERAGE	2	1

6. Course Name: C410

CO	PSO1	PSO2
C410.1	3	2
C410.2	3	2
C410.3	3	2
C410.4	3	2
C410.5	3	2
AVERAGE	3	2

3.1.3 A Program Level Course-PO matrix of all courses INCLUDING first year courses (10)
Institute Marks:10.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101/15MAT11	3.00	2.00	1.30	-	-	-	-	-	-	-	-	-
C102/15PHY12	2.80	2.00	2.00	-	-	-	2.00	-	-	-	-	1.80
C103/15CIV13	3.00	3.00	2.00	1.80	1.00	1.00	-	-	1.00	-	-	1.00
C104/15EME14	2.20	1.20	-	-	-	1.00	-	-	-	-	1.00	-
C105 15ELE15	3.00	2.00	-	-	-	1.00	-	-	-	-	-	-
C106 15WSL16	3.00	-	-	-	-	2.00	-	-	-	-	-	-
C107/15PHYL17	2.20	2.00	1.60	-	-	-	-	-	-	-	-	1.00
C108/15MAT21	3.00	2.20	1.80	-	-	-	-	-	2.00	-	-	1.00
C109/15CHE22	3.00	2.00	1.00	1.00	-	-	-	-	-	-	-	-
C110/15PCD23	3.00	2.00	1.00	1.00	2.00	-	-	-	-	-	-	2.60
C111/15CED24	2.20	2.80	2.00		2.40	-	-	-	-	-	-	-
C112/15ELN25	3.00	2.00	1.00	-	-	-			1.00	2.00		1.00
C113/15CPL26	3.00	2.00	2.00	1.00	3.00	-	-	-	-	-	-	2.00
C114/15CHEL27	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-
C201/15MAT31	3.00	2.00	1.20	-	-	-	-	-	-	-	-	-
C202/15CS32	3.00	3.00	2.00	-	-	-	-	-	-	-	-	-
C203/15CS33	3.00	3.00	2.00	-	-	-	-	-	-	-	-	-
C204/15CS34	3.00	1.60	1.80	-	-	-	-	-	-	-	-	-
C205/15CS35	2.80	2.60	2.40	-	-	-	-	-	-	-	-	-
C206/15CS36	2.00	3.00	2.00	2.00	-	-	-	-	-	-	-	-
C207/15CSL37	3.00	3.00	2.00	-	3.00	-	-	-	-	-	-	-
C208/15CSL38	3.00	2.00	2.00	-	1.00	-	-	-	-	-	-	-
C209/15MAT41	3.00	2.20	1.20	-	-	-	-	-	-	-	-	-
C210/15S42	1.20	1.40	1.20	1.00	1.00	1.25	1.00	1.50	-	-	-	1.00
C211/15CS43	3.00	2.00	2.00	-	-	-	-	-	-	-	-	-
C212/15CS44	3.00	2.60	2.00	-	-	-	-	-	-	-	-	-
C213/15CS45	2.00	2.00	2.00	-	1.20	-	-	-	-	-		1.00
C214/15CS46	2.80	3.00	2.60	-	-	-	-	-	-	-	-	-
C215/15CSL47	3.00	3.00	3.00	-	2.00	-	-	-	-	-	-	-
C216/15CSL48	3.00	2.40	2.40	2.00	-	-	-	-	-	-	-	-
C301/15CS51	-	-	-	-	-	1.60	1.20	1.60	1.00	1.00	1.30	-
C302/15CS52	3.00	1.80	1.20	-	-	-	-	-	-	-	-	-
C303/15CS53	1.75	1.40	1.60	-	2.25	-	-	-	-	-	-	-
C304/15CS54	3.00	3.00	2.00		-	-	-	-	-	-	-	-
C307/15CSL57	3.00	2.00	3.00	2.00	1.00	-	-	-	-	-	-	-
C308/15CSL58	2.80	2.80	2.80	-	2.80	-	-	-	3.00	3.00	-	2.00
C309/15CS61	3.00	2.00	1.80	-	-	-	-	-	-	-	-	-
C310/15CS62	1.75	1.40	1.60	-	2.25	-	-	-	-	-	-	-
C311/15CS63	3.00	2.00	2.00	-	-	-	-	-	-	-	-	-
C312/15CS64	2.80	2.80	2.60	-	-	-	-	-	-	-	-	-
C315/15CSL67	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
C316/15CSL68	3.00	3.00	3.00	-	3.00	-	-	-	2.20	2.20	-	1.00
C401/15CS71	3.00	3.00	2.00	1.00	-	1.00	-	-	1.00	-	-	1.00
C402/15CS72	3.00	3.00	1.00	-	-	-	-	-	-	-	-	-
C403/15CS73	3.00	2.20	2.60	2.40	-	-	-	-	-	-	-	-
C406/15CSL76	3.00	3.00	2.60	2.60	3.00	-	-	-	-	-	-	1.00

C407/15CSL77	3.00	3.00	2.00	1.80	1.00	1.00	-	-	1.00	-	1.50	1.00
C408/15CSP78	2.25	2.66	2.00	1.00	1.00	2.50	1.60	2.00	2.00	2.20	2.33	1.00
C409/15CS81	1.20	1.80	1.80	1.00	1.00	1.50	-	-	1.00	1.00	-	-
C410/15CS82	2.00	2.00	3.00	2.00	3.00	-	-	-	-	-	-	2.00
C412/15CS84	3.00	3.00	3.00	2.50	2.00	2.00	-	2.00	3.00	3.00	2.00	2.00
C413/15CSP85	2.75	2.33	2.66	2.33	2.40	2.00	1.00	1.80	3.00	3.00	1.80	1.60
C414/15CSS86	2.80	3.00	-	2.75	-	2.00	2.00	-	-	3.00	-	2.00

3.1.3 B Program Level Course-PSO matrix of all courses INCLUDING first year courses

Course	PSO1	PSO2
C101/15MAT11	-	1.20
C102/15PHY12	2.00	-
C103/15CIV13	-	-
C104/15EME14	1.00	-
C105 15ELE15	1.00	1.00
C106 15WSL16	-	-
C107/15PHYL17	2.00	-
C108/15MAT21	-	1.00
C109/15CHE22	1.00	-
C110/15PCD23	2.00	1.00
C111/15CED24	-	1.00
C112/15ELN25	1.00	1.00
C113/15CPL26	3.00	2.00
C114/15CHEL27	-	-
C201/15MAT31	-	1.00
C202/15CS32	3.00	2.00
C203/15CS33	3.00	1.00
C204/15CS34	3.00	1.00
C205/15CS35	3.00	1.40
C206/15CS36	2.00	1.20
C207/15CSL37	2.00	2.00
C208/15CSL38	3.00	1.00
C209/15MAT41	-	1.00
C210/15CS42	1.00	2.00
C211/15CS43	3.00	1.00
C212/15CS44	2.20	2.00

C213/15CS45	2.00	2.00
C214/15CS46	2.00	1.40
C215/15CSL47	3.00	1.00
C216/15CSL48	2.40	2.00
C301/15CS51	-	-
C302/15CS52	2.00	2.00
C303/15CS53	3.00	3.00
C304/15CS54	3.00	1.00
C307/15CSL57	1.00	1.00
C308/15CSL58	2.80	2.00
C309/15CS61	2.00	2.00
C310/15CS62	3.00	3.00
C311/15CS63	2.00	1.00
C312/15CS64	2.60	2.00
C315/15CSL67	3.00	2.00
C316/15CSL68	3.00	2.00
C401/15CS71	3.00	1.60
C402/15CS72	2.00	1.00
C403/15CS73	2.00	1.00
C406/15CSL76	3.00	1.00
C407/15CSL77	3.00	1.00
C408/15CSP78	2.00	2.00
C409/15CS81	1.00	1.00
C410/15CS82	3.00	2.00
C412/15CS84	2.40	3.00
C413/15CSP85	2.00	2.00
C414/15CSS86	2.00	2.00

3.2 Attainment of Course Outcomes (50) Total Marks: 44.00

3.2.1 Describe the assessment processes used to gather the data upon which theevaluation of Course Outcome is based (10) *Institute Marks:10.00*

Assessment Tools

- Direct Assessment
- Indirect Assessment

Direct Assessment

- Theory Assessment
- Laboratory Assessment
- Internship Evaluation
- Project work Evaluation
- Seminar Evaluation

Indirect Assessment

- Course End Survey

Theory Assessment

Internal Theory 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 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.

External Theory Examination

- The university conducts external examination for the students at the end of the semester.

Laboratory Assessment

Internal Laboratory Assessment

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

External Laboratory Examination

- The university conducts external Laboratory examination for the students at the end of the semester.

Table: 3.2.1.1 Direct Assessment Tools

Sl. No.	Components	Sub-Components	Weightage (%)	Total Weightage (%)
A1	Theory	Three Internal Tests	50	90
		One University Examination	50	
A2	Laboratory	Continuous Evaluation through observation book, record book and Viva Voce, Internal Tests	50	90
		University Examination	50	
A3	Internship	Internal evaluation of Internship	50	100
		External evaluation of Internship	50	
A4	Project Work	Internal evaluation of project work	50	100
		External evaluation of project work	50	
A5	Seminar	Internal Evaluation	100	100

Indirect Assessment

Course End Survey: Course End Surveys are used to evaluate the attainment of Course Outcomes. 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

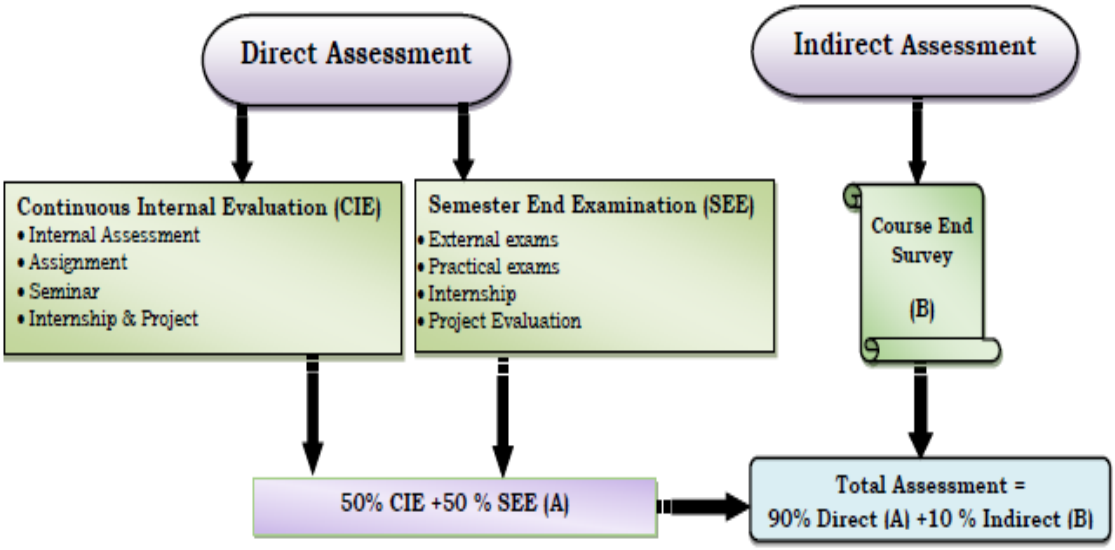


Fig. 3.2.1 CO Attainment Calculation Method

Process followed for Calculation of Course Outcomes:

A1 Theory course

Table: 3.2.1.3 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 >= 60% marks is identified. Percentage is calculated as: [No. of students scoring >=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 >= 60% [in Internal Assessment test] Level 2 – 55% students should have scored >= 60% [in Internal Assessment test] Level 1 – 50% students should have scored >= 60% [in Internal Assessment test]
4	Based on the percentage obtained, the attainment for each of the CO is identified.

Table:3.2.1.4 External Assessment

Steps	Process for calculating attainment through University Examination
1	Set target of 60% for external assessment is obtained from the university examination 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 >= 60% of Maximum marks Level 2 – 55% students should have scored >=60% of Maximum marks Level 1 – 50% students should have scored >=60% of Maximum marks
4	Based on the percentage computed in step 2 the attainment is obtained.

Table: 3.2.1.5 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	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: 3.2.1.6 Final CO attainment calculation

Steps	**Final CO attainment calculation for Theory**
1	The attainment level in the test for each CO and University attainment 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].
4	The attainment of the course is given by [N3 + N4] for every CO.

A2 Laboratory

- Attainment through Internal Assessment:
- The marks scored by the students during laboratory work is by continuous evaluation process through observation (includes viva) and record for every experiment/program. These marks are categorized based on CO's.
- The marks scored by the students in test is also categorized based on CO's.
- Attainment through University Exam: Same as followed for Theory Course.
- Process for calculating attainment through Course exit survey: Same as followed for Theory Course.
- Final CO attainment calculation for laboratory is same as theory.

A3 Internship

- Attainment through Internal Assessment only: The evaluation of the marks based on Presentation and Report of the Internship and the score for each CO for every student is calculated.
- Attainment through External Assessment: Same as followed for Theory Course.

A4 Project Work

- Attainment through Internal Assessment: There will be feasibility seminar & progress seminars of the project work and the score for each CO for every student is calculated.
- Attainment through University Exam: Same as followed for Theory Course.

A5 Technical Seminar

- Attainment through Internal Assessment only: The evaluation of the marks based on - Presentation and Report of the seminar and the score for each CO for every student is calculated

3.2.2 Record the attainment of Course Outcomes of all courses with respect to set attainment levels (40) *Institute Marks:34.00*

ATTAINMENT OF CO'S FOR ALL COURSES 2016-2020 BATCH								
SL. NO	**SEM**	**SUBJECT NAME & CODE**	**CO1**	**CO2**	**CO3**	**CO4**	**CO5**	**AVG**
1	I	**C101/15MAT11** Engineering Mathematics - I	3	3	3	3	3	3
2		**C102/15PHY12** Engineering Physics	3	3	3	3	3	3
3		**C103/15CIV13** Elements if Civil Engineering & Mechanics	3	3	3	3	3	3
4		**C104/15EME14** Elements of Mechanical Engineering	3	3	3	3	3	3
5		**C105/15ELE15** Basic Electrical Engineering	3	3	3	1.2	3	2.64
6		**C107/15PHYL17** Engineering Physics	3	3	3	3	3	3
7		**C106/15WSL16** Workshop Practice	3	3	3	3	3	3
8	II	**C108/15MAT21** Engineering Mathematics II	3	3	2.1	0.3	3	2.28
9		**C109/15CHE22** Engineering Chemistry	3	3	3	3	3	3
10		**C110/15PCD23** Programming with C & Data Structures	3	3	3	3	3	3
11		**C111/15CED24** Computer Aided Engineering Drawing	3	3	3	3	3	3
12		**C112/15ELN25** Basic Electronics	3	3	3	2.1	3	2.82
13		**C113/15CPL26** Computer Programming Laboratory	3	3	3	3	3	3
14		**C114/15CHEL27** Engineering Chemistry Laboratory	3	3	3	3	3	3
15	III	**C201/15MAT31** Engineering Mathematics III	3	3	3	3	3	3
16		**C202/15CS32** Analog and Digital Electronics	2.1	2.1	2.1	1.2	1.2	1.74
17		**C203/15CS33** Data Structures and Applications	3	3	3	3	3	3
18		**C204/15CS34** Computer Organization	0.3	0.3	0.3	0.3	0.3	0.3
19		**C205/15CS35** Unix and Shell Programming	1.2	1.2	1.2	0.3	0.3	0.84
20		**C206/15CS36** Discrete Mathematical Structures	2.1	3	3	2.1	2.1	2.46
21		**C207/15CSL37** Analog and Digital Electronics Laboratory	3	3	3	3	3	3
22		**C208/15CSL38** Data Structures Laboratory	3	3	3	3	3	3
23	IV	**C209/15MAT41** Engineering Mathematics IV	3	3	3	3	3	3
24		**C210/15CS42** Software Engineering	1.2	1.2	1.2	0.3	0.3	0.84
25		**C211/15CS43** Design and Analysis of Algorithms	3	3	3	3	3	3
26		**C212/15CS44** Microprocessors and Microcontrollers	2.1	2.1	2.1	1.2	1.2	1.74
27		**C213/15CS45** Object Oriented Concepts	1.2	1.2	1.2	0.3	0.3	0.84

28		**C214/15CS46** Data Communication	0.3	0.3	1.2	0.3	0.3	0.48
29		**C215/15CSL47** Design and Analysis of Algorithm Laboratory	3	3	3	3	3	3
30		**C216/15CSL48** Microprocessors Laboratory	3	3	3	3	3	3
31	V	**C301/15CS51** Management and Entrepreneurship for IT Industry	2.1	3	3	3	3	2.82
32		**C302/15CS52** Computer Networks	1.2	3	1.2	3	2.1	2.1
33		**C303/15CS53** Database Management System	2.1	1.2	1.2	2.1	1.2	1.56
34		**C304/15CS54** Automata theory and Computability	3	3	3	3	3	3
35		**C307/15CSL57** Computer Network Laboratory	3	3	3	3	3	3
36		**C308/15CSL58** DBMS Laboratory with mini project	3	3	3	3	3	3
37	VI	**C309/15CS61** Cryptography, Network Security and Cyber Law	3	3	3	3	3	3
38		**C310/15CS62** Computer Graphics and Visualization	0.3	1.2	0.3	1.2	1.2	0.84
39		**C311/15CS63** System Software and Compiler Design	2.1	2.1	2.1	2.1	2.1	2.1
40		**C312/15CS64** Operating Systems	1.2	3	3	3	3	2.64
41		**C315/15CSL67** System Software and Operating System Laboratory	3	3	3	3	3	3
42		**C316/15CSL68** Computer Graphics Laboratory with mini project	3	3	3	3	3	3
43	VII	**C401/15CS71** Web Technology and its applications	3	1.2	2.1	3	3	2.46
44		**C402/15CS72** Advanced Computer Architectures	0.3	033	0.3	0.3	0.3	0.3
45		**C403/15CS73** Machine Learning	3	1.2	2.1	3	0.3	1.92
46		**C406/15CSL76** Machine Learning Laboratory	3	3	3	3	3	3
47		**C407/15CSL77** Web Technology Laboratory with mini project	3	3	3	3	3	3
48		**C408/15CSP78** Project Phase 1 + Seminar	3	3	3	3	3	3
49	VIII	**C409/15CS81**-Internet of Things and Applications	3	3	3	3	3	3
50		**C410/15CS82**-Big Data Analytics	3	3	3	3	3	3
51		**C412/15CS84**-Internship / Professional Practice	3	3	3	3	3	3
52		**C413/15CSP85** Project work phase II	3	3	3	3	3	3
53		**C414/15CSS86** Seminar	3	3	3	3	3	3

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

Total Marks:40.00

3.3.1 Describe assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes (10) Institution Marks:10.00

The process used to gather the data for evaluation of program outcome is obtained from Direct Assessment & Indirect Assessment

Direct Assessment

The assessment tools are:

- Internal Assessment Test
- Assignments/ Group Assignments
- Continuous Lab Assessment
- Laboratory Internal Assessment Test
- Technical Seminars
- Project Assessment
- Semester End Lab Examination
- Semester End Theory Examination

Table 3.3.1.1 Details about Direct Assessment Tools

Direct Assessment Tools	Frequency	Assessment Process	Responsibility
Internal Assessment Test	3 Per Semester	I.A 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
Continuous Lab Assessment	Every Lab	In every Lab, observation, record &viva will be assessed by the faculty in charge.	Department
Laboratory Internal Assessment Test	Two Per Semester	At the end of the Semester, Lab I.A will be conducted & evaluated by faculty in charge.	Department
Technical Seminars	One per semester	Seminars conducted & evaluated by Seminar Coordinator and Guide.	Department
Project Assessment	Final Year	Project Assessments are evaluated by Project Coordinator and Guide.	Department

	Final Year	Final Project Examination is conducted and evaluated by Internal and External Examiners allotted by the University.	University
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 Examination is conducted and evaluated by university.	University

Indirect Assessment

Program Exit Survey

The program exit survey identifies twelve broad learning 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 Surveys

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 similar to Course End Survey	Department
Alumni Surveys	After graduation	Based on questionnaires similar to Course End Survey	Department

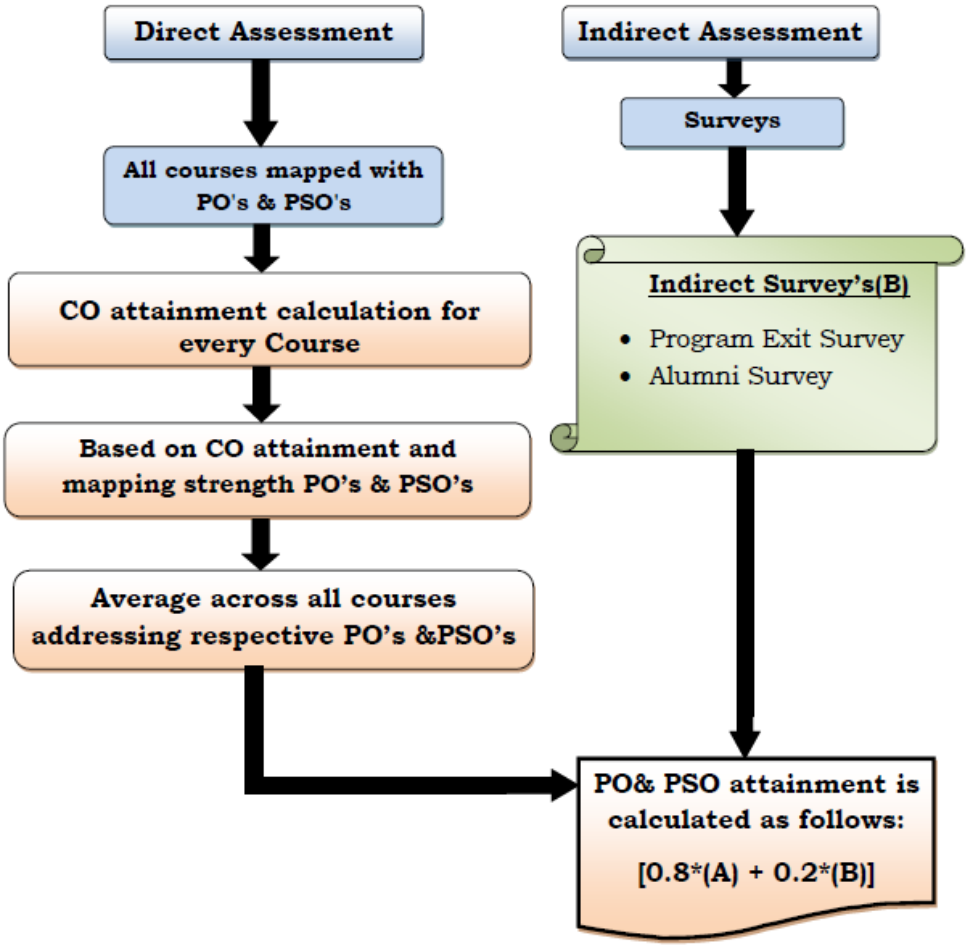


Fig 3.3.1.A PO and PSO Attainment Calculation Method

3.3.2 Provide results of evaluation of each PO & PSO (40) Institute Marks:30.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
15MAT11/C101	3.00	2.00	1.33	-	-	-	-	-	-	-	-	-
15PHY12/C102	2.80	2.00	1.60	-	-	-	-	-	-	-	-	1.80
15CIV13/C103	3.00	3.00	2.00	1.80	1.00	1.00	-	-	1.00	-	-	1.00
15EME14/C104	2.20	1.20	-	-	-	1.00	-	-	-	-	1.00	-
15ELE15/C105	2.44	1.76	-	-	-	1.00	-	-	-	-	-	-
15WSL16/C106	3.00	-	-	-	-	2.00	-	-	3.00	-	-	-
15PHYL17/C107	2.20	2.00	1.60	-	-	-	-	-	2.00	-	-	1.00
15MAT21/C108	2.28	1.72	1.38	-	-	-	-	-	-	-	-	-
15CHE22/C109	3.00	2.00	1.00	1.00	-	-	-	-	-	-	-	-
15PCD23/C110	3.00	2.00	2.00	1.00	2.00	-	-	-	-	-	-	2.00
15CED24/C111	2.20	2.80	2.00	-	2.60	-	-	-	-	-	-	-
15ELN25/C112	2.82	1.88	0.94	-	-	-	-	-	0.94	1.88	-	0.94
15CPL26/C113	3.00	2.00	2.00	1.00	3.00	-	-	-	-	-	-	2.00
15CHEL27/C114	3.00	2.00	1.00	-	-	-	-	-	-	-	-	1.00
15MAT31/C201	3.00	2.00	1.20	-	-	-	-	-	-	-	-	-
15CS32/C202	1.74	1.74	1.16	-	-	-	-	-	-	-	-	-
15CS33/C203	3.00	3.00	2.00	-	-	-	-	-	-	-	-	-
15CS34/C204	0.30	0.16	0.18	-	-	-	-	-	-	-	-	-
15CS35/C205	0.76	0.68	0.60	-	-	-	-	-	-	-	-	-
15CS36/C206	1.64	2.46	1.70	1.55	-	-	-	-	-	-	-	-
15CSL37/C207	3.00	3.00	2.00	-	3.00	-	-	-	-	-	-	-
15CSL38/C208	3.00	2.00	2.00	-	1.00	-	-	-	-	-	-	-
15MAT41/C209	3.00	2.20	1.20	-	-	-	-	-	-	-	-	-
15CS42/C210	0.30	0.38	0.30	0.20	0.25	0.43	0.40	0.60	-	-	-	0.30
15CS43/C211	3.00	2.00	2.00	-	-	-	-	-	-	-	-	-
15CS44/C212	1.74	1.46	1.16	-	-	-	-	-	-	-	-	-
15CS45/C213	0.56	0.56	0.56	-	0.30	-	-	-	-	-	-	-
15CS46/C214	0.46	0.48	0.44	-	-	-	-	-	-	-	-	-
15CSL47/C215	3.00	2.00	2.00	-	2.00	-	-	-	-	-	-	-
15CSL48/C216	3.00	2.40	2.40	2.00	-	-	-	-	-	-	-	-
15CS51/C301	-	-	-	-	1.48	1.14	1.48	0.94	0.93	1.23		
15CS52/C302	2.10	1.32	0.90	-	-	-	-	-	-	-	-	-
15CS53/C303	0.74	0.68	0.88	-	1.20	-	-	-	-	-	-	-
15CS54/C304	3.00	2.00	1.00	-	-	-	-	-	-	-	-	-
15CSL57/C307	3.00	2.00	3.00	2.00	1.00	-	-	-	-	-	-	-
15CSL58/C308	2.80	2.80	2.80		2.80	-	-	-	3.00	3.00		2.00
15CS61/C309	3.00	2.00	1.80	-	-	-	-	-	-	-	-	-
15CS62/C310	0.38	0.38	0.40	-	0.48	-	-	-	-	-	-	-
15CS63/C311	2.10	1.40	1.40	-	-	-	-	-	-	-	-	-
15CS64/C312	2.56	2.56	2.48	-	-	-	-	-	-	-	-	-
15CSL67/C315	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-
15CSL68/C316	3.00	3.00	3.00	-	3.00	-	-	-	2.20	2.20	-	1.00
15CS71/C401	2.46	2.46	1.64	0.82	-	0.82	-	-	0.82	-	-	0.82
15CS72/C402	0.30	0.30	0.10	-	-	-	-	-	-	-	-	-
15CS73/C403	1.92	1.92	1.64	1.64	1.92	-	-	-	-	-	-	-

15CSL76/C406	3.00	3.00	2.60	2.60	3.00	-	-	-	-	-	-	1.00
15CSL77/C407	3.00	3.00	2.00	1.80	1.00	1.00	-	-	1.00	-	1.50	1.00
15CSP78/C408	2.25	2.66	2.00	1.00	1.00	2.50	1.60	2.00	2.00	2.20	2.33	1.00
15CS81/C409	1.20	1.80	1.80	1.00	1.00	1.50	-	-	1.00	1.00	-	-
15CS82/C410	2.00	2.00	3.00	2.00	3.00	-	-	-	-	-	-	2.00
15CS84/C412	3.00	3.00	3.00	2.50	2.00	2.00	-	2.00	3.00	3.00	2.00	2.00
15CSP85/C413	2.75	2.33	2.66	2.33	2.40	2.00	1.00	1.80	3.00	3.00	1.80	1.60
15CSS86/C414	2.80	3.00	-	2.75	-	2.00	2.00	-	-	3.00	-	2.00
Direct Attainment	2.30	1.95	1.64	1.61	1.76	1.41	1.30	1.47	1.84	2.28	1.73	1.36
Indirect Attainment	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
PO Attainment	2.44	2.16	1.91	1.90	2.01	1.73	1.64	1.77	2.07	2.42	1.98	1.69

COURSE	PSO1	PSO2
15MAT11/C101	-	1.20
15PHY12/C102	2.00	-
15CIV13/C103	-	-
15EME14/C104	1.00	-
15ELE15/C105	0.88	0.88
15WSL16/C106	-	-
15PHYL17/C107	2.00	-
15MAT21/C108	-	0.76
15CHE22/C109	1.00	-
15PCD23/C110	2.00	1.00
15CED24/C111	-	1.00
15ELN25/C112	-	1.00
15CPL26/C113	3.00	2.00
15CHEL27/C114	-	-
15MAT31/C201	-	1.00
15CS32/C202	1.74	1.16
15CS33/C203	3.00	1.00
15CS34/C204	0.30	0.10
15CS35/C205	0.60	0.32
15CS36/C206	1.64	0.96
15CSL37/C207	2.00	2.00
15CSL38/C208	3.00	1.00
15MAT41/C209	-	1.00
15CS42/C210	0.28	0.56
15CS43/C211	3.00	1.00
15CS44/C212	1.24	1.16
15CS45/C213	0.56	0.56
15CS46/C214	0.32	0.20

15CSL47/C215	3.00	1.00
15CSL48/C216	2.40	2.00
15CS51/C301	-	-
15CS52/C302	1.40	1.40
15CS53/C303	1.56	1.56
15CS54/C304	2.00	2.00
15CSL57/C307	1.00	1.00
15CSL58/C308	2.80	2.00
15CS61/C309	2.00	2.00
15CS62/C310	0.84	0.84
15CS63/C311	1.40	0.70
15CS64/C312	2.48	1.60
15CSL67/C315	3.00	2.00
15CSL68/C316	3.00	2.00
15CS71/C401	2.46	1.30
15CS72/C402	0.20	0.10
15CS73/C403	1.28	0.64
15CSL76/C406	3.00	1.00
15CSL77/C407	3.00	1.00
15CSP78/C408	2.00	2.00
15CS81/C409	1.00	1.00
15CS82/C410	3.00	2.00
15CS84/C412	2.40	3.00
15CSP85/C413	2.00	2.00
15CSS86/C414	2.00	2.00
Direct Attainment	1.83	1.24
Indirect Attainment	3.00	3.00
PSO Attainment	2.07	1.60

4. STUDENTS' PERFORMANCE (150) Total Marks: 111.51

Table 4.1

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	**2020-21 (CAY)**	**2019-20 (CAY*m*1)**	**2018-19 (CAY*m*2)**	**2017-18 (CAY*m3*)**	**2016-17 (CAY*m4*)**	**2015-16 (CAY*m5*)**	**2014-15 (CAY*m6*)**
Sanctioned intake of the program (*N*)	120	120	120	120	120	120	120
Total number of students admitted in first year *minus* number of students migrated to other programs/institutions plus no. of students migrated to this program (*N*1)	114	114	124	101	119	123	124
Number of students admitted in 2nd year in the same batch via lateral entry (*N*2)	Nil	5	15	2	8	16	22
Separate division students, if applicable (*N3*)	Nil	2	2	1	0	1	3
Total number of students admitted in the Program (*N*1+*N*2+N3)	114	121	141	104	127	140	149

Table 4.2

Year of entry	**Total No of students admitted in the program *N*1+*N*2+N3**	**Number of students who have successfully graduated without backlogs in any semester/year of study**			
		I Year	**II Year**	**III Year**	**IV Year**
2020-21 (CAY)	114	-	-	-	-
2019-20 (CAY*m*1)	121	85	-	-	-
2018-19 (CAY*m*2)	141	74	72	-	-
2017-18 *(*CAY*m3)*	104	79	72	67	-
2016-17 (LYG)	127	80	69	65	65
2015-16 (LYG*m*1)	140	79	74	70	69
2014-15 (LYG*m*2)	149	71	72	64	62

Table 4.3

Year of entry	**Total No of students admitted in the program *N*1+*N*2 +N3**	**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)	114	-	-	-	-
2019-20 (CAY*m*1)	121	111	-	-	-
2018-19 (CAY*m*2)	141	118	135	-	-
2017-18 *(*CAY*m3)*	104	98	94	94	-
2016-17 (LYG)	127	110	111	110	103
2015-16 (LYG*m*1)	140	117	119	117	112
2014-15 (LYG*m*2)	149	101	116	115	103

4.1 Enrolment Ratio (20)

Total Marks: 20
Institute Marks: 20

	N (From Table 4.1)	N1 (From Table 4.1)	Enrollment Ratio (N1/N*100)
2020-21 (CAY)	120	114	95
2019-20 (CAY*m*1)	120	121	100
2018-19 (CAY*m*2)	120	141	100

Average [(ER1 +ER2+ER3)/3]: 94.17

Assessment: 20

4.2 Success Rate in the stipulated period of the program (40)

Total Marks: 23.30

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

Institute Marks: 11.75

Item	Last Year of Graduation, LYG(2016-17)	Last Year of Graduation minus 1, LYGm1(2015-16)	Last Year of Graduation minus 2,LYGm2 (2014-15)
X Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	127	140	149
Y Number of students who have graduated without backlogs in the stipulated period	65	69	62
Success Index [(SI) = Y/X]	0.51	0.49	0.42
Average SI	0.47		

Average SI = [(SI1+SI2+SI3)/3] = 0.47

Assessment [25* Average SI] = 11.75

4.2.2 Success rate in stipulated period of study (15) *Institute Marks: 11.55*

Item	Last Year of Graduation, LYG(2016-17)	Last Year of Graduation minus 1, LYGm1(2015-16)	Last Year of Graduation minus 2,LYGm2 (2014-15)

X Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division ,if applicable	127	140	149
Y Number of students who have graduated in the stipulated period	103	112	103
Success Index(SI)	0.81	0.80	0.69
Average Success Index	0.77		

Average SI = [(SI1+SI2+SI3)/3] = 0.77
Assessment [15* Average SI] = 11.55

4.3 Academic Performance in Third Year (15)

Total Marks: 10.71
Institute Marks: 10.71

Academic Performance	**CAYm3 (2017-18)**	**LYG (2016-17)**	**LYGm1 (2015-16)**
Mean of CGPA or Mean Percentage of all successful students (X)	7.68	6.95	6.91
Total no. of successful students (Y)	94	110	117
Total no. of students appeared in the examination (Z)	94	111	119
API=x*(Y/Z)	7.68	6.95	6.80

Average API = [(AP1+AP2+AP3)/3] = 7.14
Assessment [1.5* Average API] = 10.71

4.4 Academic Performance in Second Year (15)

Total Marks: 10.70
Institute Marks: 10.70

Academic Performance	**CAYm2 (2018-19)**	**CAY*m3* (2017-18)**	**LYG *(2016-17)***
Mean of CGPA or Mean Percentage of all successful students (X)	7.51	7.8	7.04
Total no. of successful students (Y)	135	94	111
Total no. of students appeared in the examination (Z)	135	101	118
API=X*(Y/Z)	7.51	7.26	6.62
Average API=(AP1+ AP2 +AP3)/3	7.13		

Average API = [(AP1+AP2+AP3)/3] = 7.13
Assessment [1.5* Average API] = 10.70

4.5 Placement, Higher Studies and Entrepreneurship (40) Total Marks: 26.8
Institute Marks: 26.8

Item	LYG (2016-17)	LYGm1 (2015-16)	LYGm2 (2014-15)
Total No. of Final Year Students (N)	110	117	115
No. of students placed in companies or Government Sector(x)	80	75	57
No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (y)	3	5	7
No. of students turned entrepreneur in engineering /technology (z)	1	1	0
x+ y +z =	84	81	64
Placement Index: (x+y+z)/N :	0.76	0.69	0.56

Average Placement = [(P1+P2+P3)/3] = 0.67
Assessment [40* Average API] = 26.8

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

Assessment Year: CAYm1

S.No.	Student Name	Enrollment No.	Employee Name	Appointment No.
1	Abhishek M	1KS16CS001	Infosys	14.09.2019
2	Aditya Mishra	1KS16CS002	TCS NINJA	13.09.2019 Ref:TCSL/DT20195249301/Bangalore
			COGNIZANT	Email
			JARO	24.09.2019
3	Aditya S	1KS16CS003	HUDL	03.03.2020
4	Akhila N	1KS16CS004	TCS Digital	23.06.2020
5	Akshatha S Katta	1KS16CS005	Cognizant	28.01.2020
6	Amith JS	1KS16CS006	Morling Global	19.09.2020
7	AnandThayur	1KS16CS008	SAP Labs	Email
			TCS	TCSL/DT20195158826/Bangalore
8	Appanna Varun	1KS16CS010	TCS NINJA	12.09.2019 Ref: TCSL/DT20195176478/Bangalore
9	Aravind R	1KS16CS011	TCS NINJA	TCSL/DT20195275313/Bangalore
10	Bhagwat Dayal	1KS16CS013	Mphasis	04.10.2019
11	Bharath T B	1KS16CS014	HUDL	03.03.2020
12	Bharath P	1KS16CS015	NTT DATA	20.09.2019
13	Charles Thomas	1KS16CS017	Infosys	14.09.2019
14	Darshan G K	1KS16CS019	HUDL	03.03.2020
15	Dhanvi P Desai	1KS16CS020	TCS NINJA	11.08.2020

16	Harini B H	1KS16CS022	Infosys	14.09.2019
17	Harshitha. G. R	1KS16CS024	Covalense Digital Solutions Private Limited	22.01.2020
18	Hithaishini C	1KS16CS025	Infosys	14.09.2019
19	Hrishikesh V	1KS16CS026	HUDL	03.03.2020
20	IshaniKoul	1KS16CS027	Infosys	14.09.2019
21	Kamakoti. P. Suseela Priyanka	1KS16CS029	Infosys	14.09.2019
22	KeerthanaVijayabaskar	1KS16CS031	NTT DATA	20.09.2019
23	Keerthi. M	1KS16CS032	Infosys	14.09.2019
24	Ketan K	1KS16CS033	TCS NINJA	12.09.2019 TCSL/DT2019173913/Bangalore
25	Kiran Kumar M	1KS16CS034	ABC TECHNOLOGY	29.11.2019
26	LakshyaRuhela	1KS16CS036	Infosys	14.09.2019
27	Lavanya. B	1KS16CS037	TCS NINJA	13.09.2019 TCSL/DT2019158925/Bangalore
			WIPRO	10.12.2019 Ref. No- 9224416
28	ManasaReddy.K	1KS16CS038	Mphasis	04.10.2019 Ref.No-MPHTH2020-1352
29	ManipiManoj	1KS16CS039	Cloud Thing	18.09.2020
30	Manmohan Singh	1KS16CS040	Infosys	14.09.2019
31	Meghana B.S	1KS16CS041	Infosys	14.09.2019
			TCS	17.09.2019 TCSL/DT20195385492/Bangalore
32	Mohith P	1KS16CS044	TCS NINJA	17.09.2019 TCSL/DT20195286931/Bangalore
33	Monika. C	1KS16CS046	NTT DATA	20.09.2019
34	Monisha.R	1KS16CS047	NTT DATA	20.09.2019
35	Mythresh A	1KS16CS048	NTT DATA	20.09.2019
36	Nagalekha Ramesh	1KS16CS049	KIRUSA	07.11.2019
			TCS	13.09.2019 Ref: TCSL/DT20195590942/ Bangalore
37	Navya Naresh	1KS16CS052	ABC TECHNOLOGY	01.10.2019
38	NiharikaRajaram	1KS16CS053	VALUE LABS	16.08.2019
			TCS NINJA	13.09.2019 Ref: TCSL/DT20195385204/Bangalore
39	Nikhila M Y	1KS16CS054	TCS NINJA	13.09.2019 TCSL/DT20195720237/Bangalore
40	Nithya G	1KS16CS056	ABC TECHNOLOGY	01.10.2019
41	Nukala Krishna	1KS16CS058	HUDL	03.03.2020

42	PavanGowda.B.K	1KS16CS060	TCS NINJA	13.09.2019 TCSL/DT20195159071/Bangalore
43	Pooja Sreedhara Murthy	1KS16CS061	NTT DATA	20.09.2019
44	Pradeep K S	1KS16CS062	Infosys	14.09.2019
45	Prajwal D	1KS16CS063	DXC Technology	30.05.2020
			TCS	13.09.2019 Ref: TCSL/DT20195369625/Bangalore
46	Pranjul Mishra	1KS16CS064	Infosys (Tq Certification)	14.09.2019
47	Pratik N N	1KS16CS066	TCS NINJA	13.09.2019 TCSL/DT20195359053/Bangalore
48	Preksha J W	1KS16CS067	Infosys	14.09.2019
49	Pruthvi Patel A S	1KS16CS071	HUDL	03.03.2020
50	Raghuram G N	1KS16CS072	NTT DATA	20.09.2019
51	Rahul V	1KS16CS073	QUINNOX	14.03.2020
52	RakshitPawar	1KS16CS074	NTT DATA	20.09.2019
53	Ritwik.G. S	1KS16CS076	Infosys	14.09.2019
54	Rohit B R	1KS16CS077	HUDL	03.03.2020
55	BidadiRuthvik	1KS16CS078	HUDL	03.03.2020
56	Sahana S	1KS16CS079	NTT DATA	20.09.2019
57	Sameeksha M Gupta	1KS16CS081	Infosys	14.09.2019
58	Sampath Kumar	1KS16CS082	HUDL	03.03.2020
59	Sandhya.D	1KS16CS083	TCS NINJA	13.09.2019 TCSL/DT20195401639/Bangalore
60	Sandra Vaanija	1KS16CS084	NTT DATA	20.09.2019
			WIPRO	14.02.2020 Ref.No: 9248141
61	Savinaya Shetty T N	1KS16CS086	TCS NINJA	13.09.2019 Ref:TCSL/DT20195284382/Bangalore
			WIPRO	ID: 41047
			THOUGHTCLAN	CIN:U72900KA2016PTC086102
62	Shalini V	1KS16CS088	Infosys	14.09.2019
63	Shravan Bhat	1KS16CS092	Value Labs	16.08.2019
			Kirusa	29.08.2019
			TCS	17.09.2019 TCSL/DT20195148072/Bangalore
64	ShreyasChandrashekhar	1KS16CS094	HUDL	03.03.2020
65	Shrividya N	1KS16CS095	HUDL	03.03.2020
66	Siddhanth M	1KS16CS096	Infosys	14.09.2019
67	Sonalisinha	1KS16CS098	Infosys	14.09.2019
68	SoumyaDattatreyaHegde	1KS16CS100	NTT DATA	20.09.2019
69	SuhasKakade K	1KS16CS103	Infosys	14.09.2019
70	Supriya C	1KS16CS105	Infosys	14.09.2019
71	Surya Surya	1KS16CS106	HUDL	03.03.2020
72	Swathi .M.C	1KS16CS107	Infosys	14.09.2019
73	Tejaswini G	1KS16CS109	TCS NINJA	13.09.2019 Ref:TCSL/DT201954194

				14/Bangalore
74	VarshaPurushotham	1KS16CS112	Delhivery	18.09.2020
75	VedanthiKarthik.N	1KS16CS114	TCS NINJA	13.09.2019 Ref:TCSL/DT20195623976/Bangalore
76	Rakesh Srivatsav	1KS16CS115	Infosys	14.09.2019
77	Vennala K N	1KS16CS116	TCS NINJA	13.09.2019 Ref:TCSL/DT20195381265/Bangalore
78	Vidhyadhari L	1KS16CS117	TCS NINJA	13.09.2019 Ref:TCSL/DT20195414470/Bangalore
79	Divya V	1KS15CS029	HUDL	03.03.2020
80	Shanthanu Shivaswamy	1KS15CS091	HUDL	03.03.2020

Assessment Year: CAY*m2*

S.No.	Student Name	Enrollment No.	Employee Name	Appointment No.
1	A.A. GAUTHAM	1KS15CS001	TEXTRON	EMAIL (26.11.2019)
2	PHANEENDRA.A.R	1KS15CS002	ALL BLUE	18.03.2019
3	ABHIGNA.A	1KS15CS003	MU SIGMA	09.04.2019 (CIN: U74140KA2005PTC036309)
4	ABHISHEK.S	1KS15CS004	COGNIZANT	18.03.2019
5	ADITHI HANDE.T	1KS15CS005	MU SIGMA	25.08.2019 (CIN: U74140KA2005PTC036309)
6	ADITHYA KUMAR N.S.	1KS15CS006	INFOSYS	09.07.2019 Ref No: HRD/3T/19-20/12671312
7	AMBIKA V	1KS15CS008	LTI	02.12.2019 Ref: LTI/HR/Campus/2019
8	APOORVA.V	1KS15CS010	SAP LABS	CIN: U72200KA1995PTC018484 (09.04.2019)
9	ARPITHA BS	1KS15CS012	CLOUDONHIRE	17.12.2019
10	ASHISH RAO	1KS15CS013	BYJU'S THE LEARNING APP	02.08.2019
11	BHARATH.B.R	1KS15CS015	AGILE POINT	23.02.2019
12	BHARGAVI.P	1KS15CS016	ALL BLUE	18.03.2019
13	BINDU MADHAVI.T	1KS15CS017	TCS	19.10.2018 (Ref: TCSL/DT20184581352)
14	CHAITHRA.S	1KS15CS019	LTI	11.03.2019 (Ref : LTI/HR/Campus/2019)
15	DARSHAN.S.K	1KS15CS024	CENTURA TECHNOLOGIES	EMAIL: 11.10.2019
16	DEEPANKAR MISRI	1KS15CS026	ACCENTURE	REF ID: e1251986-f5254fef-8712-6052d90da48f-1 (15.11.2019)
17	DIVYA.B	1KS15CS029	PATH FRONT	18.03.2019

S.No.	Student Name	Enrollment No.	Employee Name	Appointment No.
				(Ref: PFSDS/B001/891/18032019)
18	G.M.SINDHU	1KS15CS032	MU SIGMA	09.04.2019 (CIN: U74140KA2005PTC036309)
19	H.M.HARSHITHA	1KS15CS034	MIND TREE	07.05.2019
20	KARAN KOUNDINYA.J	1KS15CS039	UNISYS	20.04.2019
21	KAVYA.S	1KS15CS040	ADVENT GLOBAL SOLUTIONS	22.05.2019
22	KEERTHI.G.NAIDU	1KS15CS041	CITY SURVAILLANCE	EMAIL (23.02.2019)
23	KOPPRESH PUTPAK	1KS15CS042	AGILE POINT	23.02.2019
24	KRISHNA KUMAR.R	1KS15CS043	AGILE POINT	12.03.2019
25	KRUTHIKA.S	1KS15CS045	NTT DATA	22.04.2019 (CIN:UT4899KA1989PTC106577)
26	KUSHAL.S.T	1KS15CS046	TCS	09.10.2018 (REF: TCSL/DT20184586422/Bangalore)
27	LAKSHMIKANTHA.B.S	1KS15CS048	MPHASIS	26.09.2018 (REF: MPHTH2019-0336)
28	LOKESH.S	1KS15CS051	VTIGER	EMAIL (10.01.2019)
29	MADHU.M.PANDURANGI	1KS15CS052	INFOSYS	EMAIL (12.09.2018)
30	MANOJ KUMAR.B	1KS15CS054	LTI	12.11.2018 (REF: LTI/HR/Campus/2019)
31	MANOJ.P	1KS15CS055	LTI	11.03.2019 (REF: LTI/HR/Campus/2019)
32	MAYURA.K.R	1KS15CS056	COGNIZANT	16.03.2019
33	MEDHAVI KUMAR	1KS15CS057	LTI	11.03.2019 (REF: LTI/HR/Campus/2019)
34	R.NAMRATHA	1KS15CS061	LTI	11.03.2019 (REF: LTI/HR/Campus/2019)
35	NARASIMHA PRASANNA.H.N	1KS15CS062	INFOSYS	EMAIL (26.10.2018)
36	NAVYA.A	1KS15CS063	ATOS SYNTEL	10.04.2019 (SYNTELLECT ID: SBE1922404)
37	NIKHIL MEDURI	1KS15CS065	INFOSYS	EMAIL (26.10.2018)
38	NIKIL.M	1KS15CS066	TCS	09.10.2018 (REF: TCSL/DT20184586422/Bangalore)
39	PRAJWAL.J	1KS15CS068	INFOSYS	EMAIL (26.10.2018)
40	PRATEEK	1KS15CS070	INFOSYS	EMAIL (26.10.2018)
41	PRERANA.R	1KS15CS071	MU SIGMA	25.10.20198 (CIN: U74140KA2005PTC036309)
42	PRITAM RAJ	1KS15CS072	PATH FRONT	18.03.2019 (REF: PFSDS/B001/889/18032019)
43	PRIYANKA.R	1KS15CS074	LTI	11.03.2019 (REF: LTI/HR/Campus/2019)
44	PRIYANKA S	1KS15CS075	JOULES TO	12.08.2019

S.No.	Student Name	Enrollment No.	Employee Name	Appointment No.
			WATTS	
45	RABIYA FARHEEN	1KS15CS076	ADVENT GLOBAL SOLUTIONS	EMAIL (19.03.2019)
46	RAMYA R PAI	1KS15CS079	GLOBAL LOGIC INDIA PVT. LTD.	REF#GL/7/90/2019
47	S.N.SHREYAS	1KS15CS082	V TIGER	19.05.2019
48	SAI SHASHIKAA	1KS15CS084	ACCENTURE	REF ID: e546d536-f5a1-42dc-bd3a-fb3a-fb0392fd2cd-1 (15.11.2019)
49	SAMPRITHA.T.S	1KS15CS085	ATOS SYNTEL	10.04.2019 (SYNTELLECT ID: SBE1949844)
50	SANJAY SG	1KS16CS087	BYJU's	DATE: 09.10.2019
51	SANJEEVAN M C	1KS15CS080	GLOBAL LOGIC	24.01.2020 REF#GL/1/105/2020
52	SHASHWATH.G.M	1KS15CS092	INFOSYS	EMAIL (26.10.2018)
53	SHIRISHA D	1KS15CS094	SIMPLI LEARN	17.02.2020
54	SHIV SHANKAR SAH	1KS15CS095	NTT DATA	27.11.2018 (CIN:U74899KA1989PTC106577)
55	SHRAVYA.M.S	1KS15CS096	TCS	09.10.2018 (REF: TCSL/DT20184504054/Bangalore)
56	SHREYA.S.PAI	1KS15CS097	COGNIZANT	18.03.2019
57	SIDDARTH MEHARWADE	1KS15CS099	VTIGER	19.05.2019
58	SINDHU BHAIRAVI.G.K	1KS15CS100	PATH FRONT	18.03.2019 (REF: PFSDS/B001/883/18032019)
59	SUCHITHRA.G.S	1KS15CS106	INFOSYS	EMAIL (26.10.2018)
60	SUNIL KUMAR SHARMA	1KS15CS108	PATH FRONT	18.03.2019 (REF: PFSDS/B001/882/18032019)
61	SURAJ KUMAR	1KS15CS109	INFOSYS	EMAIL (26.10.2018)
62	SUSHMA N	1KS15CS110	QUINNOX	28.06.2019
63	SWETHA ADIGA.G	1KS15CS111	TCS	09.10.2018 (REF: TCSL/DT20184633044/Bangalore)
64	TEENU PRATHYUSH	1KS15CS113	INFOSYS	EMAIL (26.10.2018)
65	THIMMESH M	1KS15CS114	EOX VANTAGE	13.11.2019
66	TUSHARA VASUDEVACHAR	1KS15CS115	LTI	11.03.2019 (REF: LTI/HR/Campus/2019)
67	VAISHNAVI.K.N	1KS15CS117	INFOSYS	EMAIL (26.10.2018)
68	VAISHNAVI.K.R	1KS15CS118	LTI	11.03.2019 (REF: LTI/HR/Campus/2019)
69	VIKASH KUMAR SINGH	1KS15CS120	PATH FRONT	18.03.2019 (REF: PFSDS/B001/884/18032019)
70	YASHAS HR	1KS15CS121	INFOSYS	EMAIL (14/09/2019)
71	YASHASWINI.M	1KS15CS122	ACCENTURE	28.12.2019 (REF: 5be67c3e-54aa-413f-afdd-8d353834a766f_1)

S.No.	Student Name	Enrollment No.	Employee Name	Appointment No.
72	YASHWANTH.D.M	1KS15CS123	NTT DATA	27.11.2018 (CIN:U74899KA1989PTC106577)
73	PUSHPA.R	1KS15CS124	PATH FRONT	18.03.2019 (REF: PFSDS/B001/885/18032019)
74	SUSHMA.D.S	1KS15CS126	CITY SURVEILLANCE	EMAIL (23.02.2019)
75	POORNIMA S	1KS16CS407	JOULES TO WATTS	23.11.2019

Assessment Year: CAY*m3*

S.No.	Student Name	Enrollment No.	Employee Name	Appointment No.
1	MAYHURI A	1KS14CS001	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
2	ACHYUTH S R	1KS14CS005	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
3	AKSHAY.P	1KS14CS012	PINCLICK	28.05.2018
4	ANKITHA D S	1KS14CS015	VEE TECHNOLOGY	29.04.2018
5	ANURADHA SHARMA	1KS14CS016	INFOSYS	HRD/COV/1001467746/20-21
6	APOORVA RAJKUMAR	1KS14CS018	HSBC	16.05.2018
7	AVINASH VIJAYAN	1KS14CS023	INFOSYS	08.06.2018 (HRD/3T/18-19/12032789)
8	B NANDANA	1KS14CS025	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
9	CHAITRA R	1KS14CS029	ROBERT BOSCH	22.05.2018 (REF: RBEI/HRL/2018/1521)
10	DEEPASHREE G	1KS14CS033	ALLEGIS GROUP	20.04.2017 (CIN:U74140KA2005PTC035624)
11	DEEPIKA D V	1KS14CS034	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
12	DHANUSHREE K	1KS14CS035	MOMENTIVE	18.10.2019
13	GOWTHAM.A	1KS14CS039	PINCLICK	28.05.2018
14	J KAVYASHREE	1KS14CS042	VEE TECHNOLOGY	29.04.2018
15	JANANI.S	1KS14CS043	COGNIZANT	24.09.2018 (Candidate ID–13803291)
16	KAVANA UMESH	1KS14CS044	INFOSYS	08.06.2018 (HRD/3T/18-19/12032833)
17	KEERTI R	1KS14CS045	NTT DATA	18.09.2017 (CIN: U74899DL

S.No.	Student Name	Enrollment No.	Employee Name	Appointment No.
				1989PTCO93534)
18	LIKITH.K	1KS14CS049	ACCENTURE	26.12.2018
19	MANASA NARAYAN	1KS14CS051	MINDTREE	14.05.2018 (CANDIDATE NO: TN/80008051/78)
20	MALAVIKA.P.B	1KS14CS054	ACCENTURE	21.01.2019
21	MAMATHA.P.N	1KS14CS055	ALTISOURCE	02.07.2018
22	MEGHANA S CHADAGA	1KS14CS061	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
23	MEGHANA RAMESH	1KS14CS062	INFOSYS	08.06.2018 (HRD/3T/18-19/12031049)
24	MOHAMMED RASHID	1KS14CS063	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
25	MYTHRI M J	1KS14CS065	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
26	NEEDHU REBECCA BIJU	1KS14CS068	INFOSYS	02.07.2018 (HRD/3T/18-19/12031105)
27	NIKHILA K	1KS14CS070	BYJU'S	09.02.20-21
28	NITHIN S	1KS14CS072	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
29	PARTH PUROHIT	1KS14CS074	AMDOCS	02.11.2018 (REF ID: 2018-11-DVCI-P-A9104-1)
30	POOJITHA K M	1KS14CS077	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
31	PRATHEEK.K	1KS14CS079	ADVENT GLOBAL SOLUTIONS	EMAIL (13.06.2019)
32	PREKSHA V	1KS14CS080	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
33	PRIYANKA R	1KS14CS082	COGNIZANT	30.05.2019 (CandidateID–13284130)
34	PUNEETH PUROHIT	1KS14CS083	Q-SPIDERS	31.01.2018 (CIN: U72200KA2007PTC044701)
35	RAKSHA D	1KS14CS086	MINDTREE	14.05.2018 (CANDIDATE NO: TN/80008050/78)
36	RANI S	1KS14CS088	HCL	EMAIL (14.05.2018)
37	RANJANA SATHYANARAYANA	1KS14CS089	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
38	ROHINI D S	1KS14CS091	SOFTTRENDS	13.12.2019
39	ROOPINI R	1KS14CS092	PRAGITI	12.06.2019
40	S.NITHIN	1KS14CS093	ADVENT SYS	30.11.2018 (Ref: ATPL/HR/offer/70)
41	SANATH RAMESH	1KS14CS094	INFOSYS	08.06.2018 (HRD/3T/18-19/12031124)
42	SANIA ASLAM	1KS14CS096	INFOSYS	08.06.2018 (HRD/3T/18-19/12031215)
43	SHARATH.A.V	1KS14CS098	KAHO LABS	18.06.2018

S.No.	Student Name	Enrollment No.	Employee Name	Appointment No.
44	SHRADDHA SULTANVAR	1KS14CS103	Q-SPIDERS	31.01.2018 (CIN: U72200KA2007PTC044701)
45	SRILAKSHMI JAYARAJU R	1KS14CS104	INFOSYS	08.06.2018 (HRD/3T/18-19/12031677)
46	SRINIDHI G	1KS14CS105	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
47	SUNITHA K	1KS14CS106	MPHASIS	21.05.2018 Ref. No:MPCTH2018-0548
48	VAISHNAVI.N	1KS14CS113	TAS INFORMATION INTELLIGENCE	EMAIL (DOJ: 11.07.2018)
49	VAISHNAVI V	1KS14CS114	MPHASIS	21.05.2018 Ref. No:MPCTH2018-0545
50	VENKATESH N	1KS14CS122	MPHASIS	21.05.2018 Ref. No:MPCTH2018-0540
51	VIDYA G	1KS14CS123	SAP LABS	17.05.2018
52	P R VISHNU VIJAY	1KS14CS124	GOOMO	10.01.2018 (CIN: U74999MH2016FTC287629)
53	ETHODU SRAVANI	1KS14CS127	NTT DATA	18.09.2017 (CIN: U74899DL 1989PTCO93534)
54	PRABHU B	1KS15CS412	PINCLICK	EMAIL (27.10.2018)
55	P. SRINIVAS	1KS14CS123	ACCENTURE	Ref ID: f370473d-c997-412a-a96c-a55338409961_1
56	SYED THOUFICH	1KS14CS108	BROADRIDGE FINANCIAL SOLUTION LTD.	CIN_ U74999TG2007PTC052368
57	HARSHA K S	1KS14CS403	3EMBED SOFTWARE TECHNOLOGIES PVT LTS	22.04.2019

4.6 Professional Activities (20) Total Marks: 20.00

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

Institute Marks: 5.00

CAY (2020-21)

Table 4.6.1.1 A&B: Summary of Professional society/chapters and organizing engineering events

A. Availability and activities of Professional society/chapters	B. Number, quality of engineering events (organized at institute)
CSI	3
IEI	4
BITES	1

ISTE	1
FIREFOX CLUB	2

Table 4.6.1.1.1 Details of Professional society/chapters and organizing engineering events

Professional Societies/ Chapters	Name Of The Event	Seminar / Workshop / Technical Talk/Industrial Visit/Guest Lecture	Resource Person	Date	No. of Participants
CSI	34th CSI Karnataka State Student Convention (online)	Student Convention	Chief Guest & Key note address by Prof. M. Surendra Prasad babu, Regional Vice President, Region V, CSI	22-12-2020 & 23-12-2020	266
	AWS Cloud Practitioners Workshop	Workshop	Dr. Prakash, Principal, EPCIT & Nandini Gowda, Shefali EPCIT	21st -22nd July 2020	70
	Internship awareness program	Technical Talk	Mr. Niranjan Balaji, Director, Rapsol Technologies	28-05-2021	151
IEI	An Insight into Web Application Development	Webinar	Ms. Diksha Sudhir	13/11/2020	70
	Career Guidance	Webinar	Mr. Shashvath Bhaskar Technical Project Manager & Security Champion, Intel Corporation San jose, California	06/07/2020	30
	Internship talk	Technical Talk	Nithin K Naik, Technical manager , Tequed Labs	07-06-2020	65
	Benefits and Opportunities with GATE	Webinar	Mr. Akash Pushkar (M.Tech from IIT Kanpur) Industry Data Scientist	17/4/2021	68

			Accenture		
Firefox Club	Internship talk on skill Development	Technical Talk	Mr. Aditya S K, Director Tequed labs	18-05-2021	151
	Internship Opportunities	Technical Talk	Mrs. Fareheen, Director, Princeton	12-5-2021	151
ISTE	Design Innovation for Successful Career in the field of Aviation for CSE Students" on	Webinar	Mr. Dhanish Abdul Khader Space Systems Engineer, SS Technologies Bangalore.	17-7-2021	97
BITES	Internet of Things and its scale of usage	Distinguished Guest Lecture	Mr. Rajarama Nayak, Head Connected Consumer Products and Solutions, IoT Unit, Tata Consultancy Services. Bengaluru.	1-9-2021	96

CAYm1 (2019-20)

Table 4.6.1.2 A&B: Summary of Professional society/chapters and organizing engineering events

C. Availability and activities of Professional society/chapters	D. Number, quality of engineering events (organized at institute)
CSI	7
IEI	4
BITES	3
ISTE	1
FIREFOX CLUB	3

Table 4.6.1.1.2 Details of Professional society/chapters and organizing engineering events

Professional Societies/ Chapters	Name of The Event	Seminar / Workshop/ Technical Talk/Industrial Visit/Guest Lecture	Resource Person	Date	No. of Participants
	Internship Talk	Internship Talk	Nagesha C, Rapsol Technologies Pvt. Ltd	07-06-2020	60

CSI	Cracking Code	Seminar	Mr. Supreeth Y.S, CEO of Tequed Labs	18-02-2020	98
	Smart India Hackathon-2019	Technical Talk	Mr. Shashank Krishna, SIH 2019 ambassador-South India	14-09-2019	110
	Internet of Things	Technical Talk	Mr. Ramesh Kumar, Founder and CEO, Linux Learning Centre, Bengaluru Mr. Kotresh Aradhaya, Linux Learning Centre, Bengaluru	26-09-2019	110
	Andriod App Developme nt	Workshop	Mr.Chennakeshav.N,M r.Lokesh BM, Mr.Indrasena kalyana, Mr.Ashish k. Aman (CSE Students Co ordinators)	28-09-2019 & 29-09-2019	40
	"Outcome Based Education - NBA"	Faculty Development Programme	Dr. B V Ravishankar, Principal, BMSCE, Bengaluru, Dr. H S Guruprasad, Dean [Student Affairs], BMSCE, Bengaluru, Dr. H S Guruprasad, Dean [Student Affairs], BMSCE, Bengaluru, Shambhavi B R, Professor, Department of ISE, BMSCE, Bengaluru, Abhishek Appaji, IEEE Bangalore Section	17-07-2019 to 19-07-2019	23
	AWS Cloud Practitioner s Workshop	Workshop	Dr. Prakash, Principal, EPCIT & Nandini Gowda, Shefali EPCIT	21-07-2020 to 22-07-2020	70
IEI	Internship Talk	Internship Talk	Nithin K Naik, Tequed Labs	07-06-2020	65
	Web and User Interface Developme nt	Seminar	Mr. Asif & Ms. Farheen, Co-Founder & CEO, Princeton Smart Engineers	08-01-2019	82
	Industry 4.0	Seminar	Mr. Supreeth Y S CEO,Tequed Bengauru. Mr. Adithya S K Director, Tequed Labs Bengauru.	11-07-2019	95
	Blockchain	Technical Talk	Mr. Nani, Blockchain Consultant KANEKTIFY Academy, Banlagore.	15-02-2020	70
	A New	Guest Lecture	Dr Viraj Kumar,	24-08-2019	Faculties

BITES	Vision for Engineering Education in India		Professor, IISc		
	Problem Solving with Python	Faculty Development Programme	Dr.C P Ravi Kumar, Director, Talent Development Texas Instruments,India	03-01-2020 to 04-01-2020	Faculties
	Insights into Vocabulary of Modern Technologies	Academic Development Program	Professionals from premier academic institutes like IISc, IIIT-B, and industry such as Linkedin, GE, Wipro, Honeywell, Intel Corp, Citrix, Kirusa and freelance consultants.	27-01-2020 to 31-01-2020	Faculties
ISTE	Swift: Smart World Through Innovative Future Technology	16th Karanataka State Level Iste Student Convention	Chief Guest Mr. Tejasvi Surya Member of Parliament Bengaluru South Guest of Honour Dr. C. K. Subbaraya, Past Chairman, ISTE Karnataka Dr. D. S. Suresh,Chairman, ISTE Karnataka	22-02-2020	55
Firefox Club	Hyper local content with GAIUS Networks	Guest Lecture	Dr Arjuna Sathiaseelan, New York University	09-06-2019	60
	Internship Awareness	Technical Talk	Vivek Choudary Data Scientist INEURON Grishma Singh Manager Gaiius Networks	13-11-2019	60
Firefox Club	Sentinel Hack 2.0	Coding Contest	Mr.Srisha Mahuli, Mr. BharatKumar BK, Mr.Ranjan Balappa, Mrs.Sridevi HS, Mr.Ramesh HS, Mr.Vivek Balachandran, Mr. Sajesh Nair, Mr.Akshay VM	12-11-2019 & 13-11-2019	110

CAYm2 (2018-19)

Table 4.6.1.3 A&B: Summary of Professional society/chapters and organizing engineering events

A. Availability and activities of Professional society/chapters	B. Number, quality of engineering events (organized at institute)
IEI	1
BITES	5
CSI	11
ISTE	1

Table 4.6.1.1.3 Details of Professional society/chapters and organizing engineering events

Professional Societies/ Chapters	Name Of The Event	Seminar / Workshop/ Technical Talk/Industrial Visit/Guest Lecture	Resource Person	Date	No. of Participants
IEI	Web and user interface development	Seminar	Mr.Asif&Ms.Farheen, Co-Founder & CEO, Princeton Smart Engineers, Electronic City, Bengaluru	01-08-2019	82
	Higher Education Options after Graduation	Seminar	Mr. Krishna Pratap Singh, Senior Faculty of Quantity, TIME	11-10-2018	70
BITES	The new vision for engineering education in india	Distinguished Guest Lecture	Dr. Viraj Kumar, Visiting Professor,Divecha Centre for Climate Change, IISc, Bengaluru	24-07-2019	Faculties
	Third CACLecture on "Rabindranath Tagore"	Lecture	Dr. Joy Kuri, Professor & Chair, Department of Electronics Systems Engineering, Indian Institute of Science, Bengaluru.	08-05-2019	74
	Quiz competition college level selection	Quiz competition college level	Students from 6th sem, CSE	21-02-2019	40
	VMWARE Virtualization and Cloud Essentials	Workshop	Mr. Sudarshan, Business Consultant – LDS	13-11-2018 and 14-11-2018	53

			Infotech; Mr.Mayank Srivastava, Partner Manager – VMware India; Mr.NareshBabu, VMware Certified Instructor L2, IT Consultant & CEO.		
	Startup Engineering	Guest Lecture	Prof. Nagabhushan A M, Professor at Computer Science, MSRIT, Bangalore	07-09-2018	25
CSI	Internship at City Surveillance and Nayagaadi	Seminar	Mr. Sridhar Singisetty Director, Co-Founder, City Surveillance Bengaluru.Balaji, Founder, Nayagaadi, Bengaluru	20-02-2019	128
	Mobile App Development	Technical talk	Mr. Deepak Rajkumar Garg Business Development Manager, ATS Infotech Private Limited, Bengaluru	22-02-2019	120
	Robotics and Home Automation	Seminar	Prof. Sreenivasa Shetty, Founder Of SST Technologies, Bengaluru	27-02-2019	120
	Computer Awareness Program	Awareness program	NSS Student Volunteers	07-03-2019	40
	Path Finder NRI	Technical Talk	Mr.Guru Sharan, Founder & CEO,PATH FINDER NRI, Bengaluru	07-03-2019	128
	Computer Graphics mini Project Exhibition	Project Exhibition	Mr. Vasantha Kumar M, Asst. Professor, Govt. SKSJTI, KR Circle, Bangalore	13-05-2019	120
	Data Science and Analytics	Workshop	Mr. Fazeel, Software Developer, Digits Technology Tutor, IIHT Bangalore	23-09-2018	46

	IBMAnalytics, Data Analytics	Technical talk	Mr. Vivekananda And Mr. Roopesh, Vision Group, Bangalore	29-08-2018	120
	Artificial Intelligence	Technical talk	Dr. G T Raju, Vice Principal, HOD, RNSIT, Bengalaru	17-11-2018	37
	Introduction to Virtualization	Workshop	1. Mr.Sachin Kumar Vmware IT Academy, Bangalore 2. Dr. Prakash Past Chairman,CSI Bangalore Chapter	10-10-2018	120
	DBMSWorkshop	Workshop	Mrs. Sougandhika Narayan, Mr. Kumar K, Mr. Pradeep G H	22-10-2018 to 23-10-2018	121
ISTE	Awareness on Digital Marketing	Guest lecture	Ms. Anjali Mehta, Acadamic director PAAGC	15-10-2018	76

CAYm3 (2017-18)

Table 4.6.1.4 A&B: Summary of Professional society/chapters and organizing engineering events

A. Availability and activities of Professional society/chapters	B. Number, quality of engineering events (organized at institute)
IEI	1
BITES	3
CSI	5
FIREFOX Club	2

Table 4.6.1.1.4 Details of Professional society/chapters and organizing engineering events

Professional Societies/ Chapters	Name Of The Event	Seminar / Workshop/ Technical Talk/Industrial Visit/Guest Lecture	Resource Person	Date	No. of Participants
IEI	Career Guidance	SEMINAR	Ms.Bindu Ramesh, Quality Assurance Engineer, Volvo, Bangalore.	09-09-2017	30
BITES	US Higher Education (Suny	GUEST LECTURE	Dr. Madhusudhan Govindaraju, Professor, Director	14-09-2017	97

	Binghamton)		Of Graduate Admissions, Binghamton University, New York.		
	Lecture Demonstration	Dr. Manish Gupta Co-Founder And Ceo, Videoken And Infosys Foundation Chair Professor, IIIT-B, Bengaluru.	Videoken-Applying Machine Learning To Support Human Learning	02-03-2018	80
	Practical Approach to Networking Concepts	WORKSHOP	Dr. Ram P. Rustagi, Md Of Cavisson, Bangalore.	2-4-2018 And 3-4-2018,	40
CSI	Ns2 and data mining	Workshop	Mrs. Sangeetha V, Mr Deepa S R, Mrs. Vaneeta M, Mrs. Priyanga P, Mr. Pradeep K R	13-10-2017	80
	Overseas education	Seminar	Mr. Somashekar, Global oppertunitiespvt. Ltd.	28-08-2017	120
	Ios App Development	Seminar	Mr. Mohith Hegde and Mr. Swaroop	25-08-2017	50
	Python On Industry	Seminar	Mr. Palanivel, LiveWIRE	09-10-2017	120
	Fourth Generation Technologies	Technical Talk	Dr. Prakash, Former Chairman CSI Bangalore	17-02-2018	101
FIREFOX	Cloud Computing	Technical Talk	Mr. ShrishaMahuli. Mr. RajanBallapa	18-11-2017	
	Carrier In Information And Security	Technical Talk	Mr. Prashanth K V, Mr. Nikhil Kulkarni, Mr. Suraj, Mrs. Vandana	26-02-2017	

4.6.2 Publication of Technical Magazines, Newsletters (5) Institute Marks: 5.00

Table 4.6.2.1 A& B: Summary of Publication of Technical Magazines, Newsletters

NEWSLETTER/PUBLICATION DATE	**2016**	**MAY 2017**	**MARCH 2018**	**APRIL 2018-DEC 2018**	**JAN 2019-JUNE 2019**	**JULY 2019 – DEC 2019**	**JAN 2020 - JUNE 2020**	**JULY 2020 – DEC 2020**
CS – Gyan bytes Volume	1	2	3	4	5	5	6	6
Issue	1	1	1	1	1	2	1	2
Faculties	Mrs. Swathi K, Assistant Professor	Mrs. Swathi K, Assistant Professor	Mrs. Swathi K, Assistant Professor	Mrs. Swathi K, Assistant Professor	Mrs. Swathi K, Assistant Professor	Mrs. Swathi K, Assistant Professor	Mrs.Swathi K Assistant Professor Mrs. Sneha C R, Assistant Professor	Dr.Swathi K Assistant Professor Mrs. Sneha C R, Assistant Professor
Students	Mr. Siddharth M Mr. S.N.Shreyas	Mr. Siddharth M Mr. S.N.Shreyas	Mr. S.N.Shreyas Mr. Siddharth M Ms. Keerthana V Ms. Priyanka P	Mr. S.N.Shreyas Mr. Siddharth M Ms. Keerthana V Ms. Spoorthi R	Mr. S.N.Shreyas Mr. Siddharth M Ms. Keerthana V Ms. Spoorthi R	Spoorthi R Raksha S	Spoorthi R	Spoorthi R

4.6.3 Participation in inter-institute events by students of the program of study (10)

Institute Marks: 10

CAY (2020-2021)

A. Events within the state (2)	C. Prizes /awards received in such events (5)	B. Events outside the state (3)	C. Prizes /awards received in such events (5)
29	5	0	**0**

Sl . No	EVENT CONDUCTED (WITHIN STATE OR OUTSIDE STATE)	EVENT DETAILS	EVENT ORGANIZED	EVENT DATE	CASH PRIZES/ AWARDS RECEIVED
1.	WITHIN STATE	Toycathon 2021 (Srushti A , Ruchitha G K, Yogita Raikar, Sourabh Santosh Kamble, Sujay G S, R Pratiksha) Staff: Kumar K	Toycathon 2021 – Contagious Intelligence	31-06-2021	Winners
2.		Toycathon 2021 (Sakshi Kumari, Swathi Pai, Srikala K M, Amogha Manjunatha K) Staff: Beena K	Toycathon 2021 – Contagious Intelligence	31-06-2021	Participated
3.		Hackclub Nmit Organized Hackbout Pranav M.S & Raksha S	HACKATHON "HACKBOUT"	19th To 20th Jun 2021	Winners
4.		Microsoft Ai Classroom Series		22-12-2021	Participated
5.		Paper Presentation And Volunteer Services In 34th Csi State Level Student Convention To Chennakeshava N T ,Krithika Jagannath, Amogha Manjunatha K	CSI,DEPT OF CSE,KSIT Region V	22nd,23rd December 2020	Certificate Of Participation
6.		Paper Presentation And Volunteer Services In 34th Csi State Level Student Convention To Chennakeshava N T ,Krithika Jagannath, Karan Raghunath, Ganesh Maudghalya H G, Shriraksha S Kanago, P Kishore, Meghana G R	CSI,Dept Of CSE,KSIT Region V	22nd,23rd December 2020	Certificate Of Participation
7.		CAN U CORRECT ME (Akshay R)	34TH CSI Convention	22nd,23rd December 2020	Winner
8.		CODIGO (Channakeshava N T)	34TH CSI Convention	22nd,23rd December 2020	Runner
9.		Student Convention (Shreesha S, Preethi K P, Prajwal Kulkarni, Keerthan Gowda S,	34TH CSI	22ND,23RD DECEMBER	Participated

		Bhoomika K, Parth P Shah, Shashank Shet K, Amogha Manjunatha K)		2020	
10.		IEEE Young Professionals Bangalore Section To Preethi K P ,Shreesha S ,Syed Zain,Prajwal Kulkarni	IEEE,Dept Of CSE,AIT	28th &29th Novembe r 2020	Certificate Of Participation
11.		Atria Institute Of Technology Organized 30hrs Hackathon (Shreesha S, Preethi K P, Naveen K M, Prajwal Kulkarni, Keerthan Gowda S)	Hackathon	28th & 29th Nov 2020	Participated
12.		Sathyabama institute of science and technology Organized natinal level online technical symposium "e-silicon 2k20"	Code It	11th , 12th Nov 2020	Participated
13.		Online competition from dept of ise ,jit (syed zain, pavithra s p, naveen k m, shreesha s, prajwal kulkarni)	Gameathon	07th – 8th Nov 2020	Appreceiation
14.		Best Character Design For Game In Gameathon'20 Shreesha S	Dept Of Ise ,Jit	07th — 08th Novembe r 2020	Apreciation Certificate
15.		Quiz conducted by ieee ksit, wie ksit and ieee ksit (swetha m kulkarni, naveen k m, mahak shree)	Quiz	15th Oct 2020	Participated
16.		Microsoft Nasscom Future Skills Chennakeshava	Microsoft	10th October 2020	Certificate Of Participation
17.		International space apps challenge by nasa (roopashree n)	Appreciation For Efforts To Address Challenges On Earth And In Space	2nd To 4th Oct 2020	Special Appreciation
18.		Inversa technosoft Intenship as a full stack developer	Internship	18th Jul To 18th Aug 2020	Completed
19.		Online workshop (abhishek yadav, 1KS19CS003)	Data Science/ Face Detection	19th Aug 2020	Participated
20.		Gamified Approach To Learn Algorithms	Webinar	10th Aug 2020	Participated
21.		Enhancing employability skill set on data structures and algorithms (indrasena).	Webinar	30th Jul 2020	Participated
22.		Online workshop (parth p shah)	Blockchain And Contact Tracing Apps In Light Of	26th Jul 2020	Participated

			Data Protection Law And Privacy		
23.		Aws cloud practitioner essentials by ksit (meghana g r, indrasena kalyanam)	Workshop	21st & 22nd Jul 2020	PARTICIPATED
24.		State level online quiz competition, dept mathematics (abhishek yadav, 1ks19cs003)	Kwiz Strife	9TH JUL 2020	Completed
25.		Introduction to machine learning and full stack development (akshay r)	Online Webinar	8TH JUL 2020	Participated
26.		Exploring data science (kavyashree s l, mythreyi u)	ONLINE WEBINAR	4TH JUL 2020	Participated
27.		Exploring data science (naveen k m, n ashok, mahak shree)	ONLINE WEBINAR	4TH JUL 2020	Participated
28.		Hebeon Technologies (Shashank Shet K)	Workshop On Data Science		Silver Medal

CAY*m1* (2019-20)

4.6.3.1 A, B &C: Summary of students' participation in inter-institute events by students of the program of study and prizes received

Events within the state	Events outside the state	Prizes / Awards received in such events
5	**1**	**6**

4.6.3.2.1: Details of students Participation in inter-institute events by students of the program of study and prizes received

Sl. No.	Event Conducted (Within State Or Outside State)	Event Details	Event Organized	Event Date	Cash Prizes / Awards Received
1.	Within the State	TCS ENGINX "Warehouse Automation Using Drones" Dept Of CSE,KSIT Student Team "Unbeatables" Ketan K,Anand T R,Akhila N,Appannagowda D	TCS ENGINX, DEPT OF CSE,KSIT	2019	2nd Runners Up
2.		VIABLE DIAMONDS –Sri P V Kumaraswamy Memorial Gold Medal For Chaitra R In Annual Convocation Of Vtu,Belagavi	IN ANNUAL CONVOCATION OF VTU,BELAGAVI	15th March 2019	Gold/Silver Medal

3.		Hackathon –Smart Hacks Lokesh B M	EICT,IIT KANPUR	28th & 29th March 2020	Top Performer
4.		DIET-CSI Student Chapter(Region –V) National Level Python E-Quiz Krithika Jagannath	DIET-CSI STUDENT CHAPTER(REGION –V)	26th May 2020	Certificate Of Merit
5.		ANVESHAN'19, JSSATE,DEPT OF CSE, Event 'Pair Programming','CODEATHON' - Bhavesh Bhansali	JSSATE,DEPT OF CSE	8th -9th November 2019	1st Prize
6.	Outside State	IEEE ,PUNE,TDCS-2019/EU-REKA- Nagalekha Ramesh,Keerthi M,Greeshma S,Ketan K	IEEE,PUNE	30th-31st August 2019	Winner

CAY*m2* (2018-19)

4.6.3.2 A, B &C: Summary of students' participation in inter-institute events by students of the program of study and prizes received

A. Events within the state	B. Prizes /awards received in such events	B. Events outside the state	Prizes /awards received in such events
1	1	2	2

4.6.3.2.1: Details of students Participation in inter-institute events by students of the program of study and prizes received

Sl . No	Event Conducted (Within State Or Outside State)	Event Details	Event Organized	Event Date	Cash Prizes/ Awards Received
1.	Within State	Hackfest 2018 at SIT AbhishekM	SIT, Bangalore	30 September 2018	2nd Prize Winner
2.	Outside State	"Competition/ Smart India Hackathon 2019" by K Tarun Naidu/ Abhigna A/ Adithya Kumar N S/ Dhanvi P Desai/ Nikhil Meduri/ Raksha S of 2nd,6th and 8th semester CSE	MHRD, AICTE,Nodal Centre for Ministry of Civil Aviation & Ministry of Labour and Employment, Sathyabama Institute of Science & Technology (Deemed to be University)	2nd and 3rd March 2019	1st Prize Winners
3.		"Competition/ Smart India	MHRD, AICTE, Nodal Centre for	2nd and 3rd March	1st Prize Winners

		Hackathon 2019"Pavan Kumar D/NarasimhaPrasanna/ Shanthanu Kumar/Meghana B S/Ruchitha/BhagawatDayal of 4th,6th and 8th Semester CSE	Ministry of Power at JECRC University, Jaipur, Rajasthan	2019	

CAY*m3* (2017-18)

4.6.3.3 A, B & C: Summary of students Participation in inter-institute events by students of the program of study and prizes received (at other institutions)

A. Events within the state	B. Prizes /awards received in such events	B. Events outside the state	Prizes /awards received in such events
2	3	1	2

4.6.3.3.1: Details of students Participation in inter-institute events by students of the program of study and prizes received

Sl. No	Event Conducted (Within State Or Outside State)	Event Details	Event Organized	Event Date	Cash Prizes/ Awards Received
1.	Within State	"Exo Skeleton Arm" FOSS	FOSS – VTU	April 2018	1st Prize Winners
2.		Competition/ HAXPLOIT by Shravan B/ Prabhu B/ Adithya Kumar/ Nikhil Meduri of 4th, 6th and 8th Semester CSE	SJBIT, Bengaluru	23rd and 24th Feb 2018	1st Prize
3.		Competition/ HAXPLOIT by Kushal S T/ Apoorva V/ Nikhila M Y/ Keerthana V of 4th, 6th and 8th Semester CSE.		23rd and 24th Feb 2018	Consolation Prize
4.	Outside State	Competition/ Smart India Hackathon 2018 by Abhishek M/ SiddharhMeharwade/ Adithya Kumar N S/ Apoorva/ AdithiHande/Phaneedra A R of 4th and 6th Sem CSE	MHRD, AICTE	March 30th and 31st 2018	1st Prize Winners
5.		Competition/ Smart India Hackathon 2018 by K Tarun Naidu/ Shreyas/ Kushal S T/ Keerthana V/ Harini of 4th and 6th Sem CSE		March 30th and 31st 2018	1st Runner Up

5. FACULTY INFORMATION AND CONTRIBUTIONS (200)

Total Marks 141.90

Sl. No.	Name	PAN No.	University Degree	Date of Receiving Degree	Area of Specialization	Research Paper Publications	Ph. D Guidance	Faculty receiving Ph.D. 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?
1.	Dr. Rekha. B. Venkatapur	ADSPR3653H	Ph.D.	09/09/2016	Computer Science & Engg	13	5	-	Prof. & Head	01-08-2016	06-02-2013	Regular	Yes	-	Yes
2	Dr. Dayananda.R. B	ANXPB7539B	Ph.D.	18/03/2016	Computer Science & Engg	17	5	-	Professor	10-01-2018	10-01-2018	Regular	Yes	-	No
3	Dr. Ram.P.Rustagi	AACPR7981B	Ph.D.	14/08/1999	Computer Science & Engg	14	0	-	Professor	24-04-2018	24-04-2018	Regular	Yes	-	No
4	Dr. K.Venkata Rao	AEAPR2011J	Ph.D	14/09/2021	Computer Science & Engg	6	0	-	Associate Professor	30/10/2014	08-10-2001	Regular	Yes	-	No
5	Mr. Harshavardhan. J. R	ABUPH9446E	M.Tech	25/02/2007	Computer Science & Engg	5	0	-	Associate Professor	30/10/2014	13-02-2006	Regular	Yes	-	No
6	Dr. Deepa.S. R	ATFPD6050M	Ph.D	14-09-2020	Computer Science & Engg	9	0	Y	Associate Professor	01/10/2016	05-12-2012	Regular	Yes	-	No
7	Dr. Vaneeta. M	AFBPV2258K	Ph.D	08-07-2021	Computer Science & Engg	11	0	Y	Associate Professor	01/10/2016	20-07-2012	Regular	Yes	-	No
8	Mrs.Sougandhika Narayan	AGNPN9259M	M.Tech	12/03/2008	Computer Network Engg	6	0	-	Assistant Professor	-	15-07-2010	Regular	Yes	-	No
9	Dr. Vijayalax	AMDPM3018M	Ph.D	09/08/2	Computer	9	0	-	Assistant	--	18-01-	Regular	Yes	-	No

	mi. Mekali			021	Science & Engg				Professor		2012				
10	Mr. Sanjoy Das	BHCPS3936H	M.Tech	07/01/2010	Computer Science & Engg.	1	0	-	Assistant Professor	-	12-07-2010	Regular	Yes	-	No
11	Mr. Roopesh Kumar.B.N	AZZPR8562Q	M.Tech	18/04/2011	Information Technology	8	0	-	Assistant Professor	-	13-01-2011	Regular	Yes	-	No
12	Mr. Kushal Kumar.B.N	BDFPK5790J	M.Tech	18/04/2011	Digital Communication and Networking	1	0	-	Assistant Professor	-	26-08-2010	Regular	Yes	-	No
13	Mr. Kumar.K	BKWPK2086H	M.Tech	18/04/2011	Computer Science & Engg	7	0	-	Assistant Professor	-	22-07-2013	Regular	Yes	-	No
14	Mr. Raghavendrachar.S	BJJPR6472G	M.Tech	05/04/2013	Digital Communication & Networking	8	0	-	Assistant Professor	-	22-07-2013	Regular	Yes	-	No
15	Dr. Swathi. K	BZBPS1042R	Ph.D	03-04-2021	Computer Science & Engg	11	0	Y	Assistant Professor	-	14-07-2014	Regular	Yes	-	No
16	Mrs. Ranjitha. K.N	AMOPR5791B	M.Tech	09/05/2015	Computer Science & Engg	4	0	-	Assistant Professor	-	02-08-2018	Regular	Yes	-	No
17	Mrs. Beena.K	EFCPK0579D	M.Tech	09/05/2015	Computer Science & Engg	4	0	-	Assistant Professor	-	02-08-2018	Regular	Yes	-	No
18	Mr. Chillara Anil Kumar	AGSPC4028J	M.Tech	07/01/2010	Information Technology	0	0	-	Assistant Professor	-	22-07-2019	Regular	Yes	-	No
19	Mr. Aditya Pai. H	AIRPA1781B	Ph.D	03/04/2021	Information Technology & Manage	23	0	Y	Assistant Professor	-	14-07-2014	Regular	No	30-06-2021	No

					ment										
20	Mr. Pradeep Kumar.G.H	AZFPG5545E	M.Tech	18/04/2011	Computer Science & Engg	4	0	-	Assistant Professor	-	11-07-2011	Regular	No	31-08-2020	No
21	Mrs. Mamatha.R	BIMPM1996G	M.Tech	18/04/2011	Computer Science & Engg	1	0	-	Assistant Professor	-	01-07-2019	Regular	No	30-06-2020	No
22	Mrs. Sneha Karamadi	BTSPK3030J	M.Tech	05/04/2013	Computer Networks & Engg	4	0	-	Assistant Professor	-	27-07-2019	Regular	No	-	No
23	Mrs. Sneha C R	CAIPR6555H	M.Tech	05/05/2016	Computer Science & Engg	1	0	-	Assistant Professor	-	03/02/2020	Regular	No	-	No
24	Mrs. Sangeetha V	CNPPS9332D	M.Tech	09/04/2012	Computer Science & Engg	3	0	-	Assistant Professor	01/10/2016	20/07/2012	Regular	No	30/05/2019	No
25	Mrs. Priyanga P	ASKPP2506N	M.Tech	01/12/2007	Computer Science & Engg	3	0	-	Assistant Professor	01/10/2018	01/08/2007	Regular	No	24/05/2019	No
26	Mr. Pradeep. K. R	BDDPP8645R	M.Tech	18/04/2011	Networking & Internet Engineering	4	0	-	Assistant Professor		15/07/2013	Regular	No	29/06/2019	No
27	Mrs. Ashwini	AKWPA0175C	M.Tech	03/05/2014	Computer Network Engineering	0	0	-	Assistant Professor		02/08/2018	Regular	No	08/07/2019	No

5.1 Student-Faculty Ratio (SFR) (20)

Total Marks 14.00
Institute Marks: 14.00

UG

Number of UG Programs in the Department: 1

Computer Science and Engineering						
	CAY		CAYm1		CAYm2	
Year of Study	(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	5	120	15	120	2
3rd Year	120	15	120	2	120	8
4th Year	120	2	120	8	120	16
Sub-total	360	22	360	25	360	26
Total	382		385		386	

PG

No. of PG Programs in the Department: 1

Computer Science and Engineering			
Year of Study	CAY (2020-21)	CAYm1(2019-20)	CAYm2 (2018-19
	Sanctioned Intake	Sanctioned Intake	Sanctioned Intake
1st Year	18	18	24
2nd Year	18	24	24
Total	36	42	48
Grand total	36	42	48

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	385+42=427	386+48=434
No. of Faculty in the Department excluding first year faculty (F)	21	22	23
Student Faculty Ratio (SFR)	SFR1=418/21=19.90	SFR2=427/22=19.41	SFR3= 434/23=18.87
Average SFR=(SFR1+SFR2+SFR3)/3 = (19.90+19.41+18.87)/3=19.39			

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)	21	0
CAYm1 (2019-20)	22	0
CAYm2 (2018-19)	23	0

Average SFR for three Assessment Years: 19.39
Assessment SFR: 14

5.2 Faculty Cadre Proportion (25)

Total Marks 25.00
Institute Marks 25.00

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY (2020-21)	2	3	4	1	14	17
CAYm1 (2019-20)	2	3	4	0	14	19
CAYm2 (2018-19)	2	3	4	0	14	20
Average Numbers	RF1=2	AF1 =3	RF2= 4	AF2=0.33	RF3=14	AF3=18.66

Cadre Ratio Marks=((AF1/RF1)*1 + (AF2/RF2)*0.6 + (AF3/RF3)*0.4)*12.5=(1.5+0.049+0.533)*12.5=26.02

5.3 Faculty Qualification (25)

Total Marks 12.90
Institute Marks 12.90

Years	X	Y	F	FQ=2.5 x [(10X +4Y)/F)]
2020-21 (CAY)	5	16	20.09	13.63
2019-20(CAYm1)	3	19	21.35	12.41
2018-19 (CAY*m2)*	3	20	21.7	12.67

Average Assessment = 12.90

5.4 Faculty Retention (25)

Total Marks 20.00
Institute Marks 20.00

Description	2019-20	2020-21
No. of Faculty Retained	19	18
Total No. of Faculty (2018-19)	23	23
% Of faculty Retained	82.60	78.26

Average =80.43
Assessment Marks=20

5.5. Innovations by the Faculty in Teaching and Learning (20)

Total Marks 12.00
Institute Marks 12.00

The faculty of CSE 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:

- Teaching with working models, simulations and animated videos
- Assignments which include Miniprojects and Case studies
- Conduction of online and classroom quizzes, surprise class tests, open book assignments, group discussions, seminars etc.
- Usage of ICT, Microsoft Teams or Google classrooms for posting assignments and lecture materials.
- Usage of Google forms and Kahoot for online quiz, assessment and evaluation.

The instructional materials and photographs associated with these pedagogical activities 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/cse_dept.html) for public access, peer review, critique and further development.

A. The teaching and learning materials available on Institute website

The instructional materials and pedagogical activity reports are uploaded in Google drive and the associated links are made available under the tab "E-Resources" on the institutional website (http://ksit.ac.in/cse_dept.html) for student and faculty access.

Teaching and Learning

http://ksit.ac.in/cse_dept.html#teaching-learning

Instructional Materials

https://drive.google.com/drive/folders/1B-8z2Fjc0mSl1ZTw6dO7VC9edcsdnIY-?usp=sharing

Report of Pedagogical Activities

https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing

B&C. Peer review, critique and further development.

The Peer review forms associated with pedagogical activities are made available under the tab "E-Resources" on institute website (http://ksit.ac.in/cse_dept.html) for public access, peer review, critique and further development.

Pedagogy Review form

https://mail.google.com/mail/u/0/#inbox/FMfcgxwHMPfZnfwZMwmFZQsGXNLnxLzh

Review Responses for pedagogy activities

https://docs.google.com/forms/d/e/1FAIpQLSfimiAsnOqABF6IT0XAafS9K43wcdDQ8Lq5R_XbF6oeg2iO6w/viewform

Table 5.5.A1 Summary of Pedagogical Activities

Academic Year 2020-21 (EVEN) **Reports of Pedagogical activities** https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1.	Dr. Rekha B Venkatapur	System Modelling and Simulation/18CS645	VI / A	Online Quiz
2.	Dr. Rekha B Venkatapur	System Modelling and Simulation/18CS645	VI / B	Online Quiz
3.	Dr. Deepa S R	System Software and Compilers/18CS61	VI / A	Quiz
4.	Dr. Deepa S R	System Software and Compilers/18CS61	VI / B	Quiz
5	Mrs. Vaneeta M	Operating Systems / 18CS43	IV / A	Demonstration of Programs team Activity
6	Mrs. Vaneeta M	Operating Systems / 18CS43	IV / B	Demonstration of Programs team Activity
Academic Year 2020-21 (ODD) **Reports of Pedagogical activities** https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1.	Dr.Rekha B Venkatapur	Unix Programming/18CS56	V/B	Quiz
2.	Dr.Rekha B Venkatapur	Unix Programming/18CS56	V/B	Demonstration of Programs
3.	Dr.Ram P Rustagi	Computer Networks/18CS52	V / A & B	Learning by real time network access
4.	Dr.Deepa S R	Computer Organization/18CS34	III / A	(Module 1) Quiz
5.	Dr.Deepa S R	Computer Organization/18CS34	III / A	(Module 2) Quiz
6.	Mrs.Vaneeta M	Unix Programming/18CS56	V/A	Quiz
7.	Mrs.Vaneeta M	Unix Programming/18CS56	V/A	Demonstration of Programs
8.	Mrs.Ranjitha K N	Data structures and applications / 18CS32	III / B	Online Problem Solving
9.	Mrs.Ranjitha K N	Data structures and applications / 18CS32	III / B	Online Quiz
10.	Mrs.Beena K	Machine Learning / 17CS73	VII / B	Seminar
Academic Year 2019-20 (Even) **Reports of Pedagogical activities** https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**

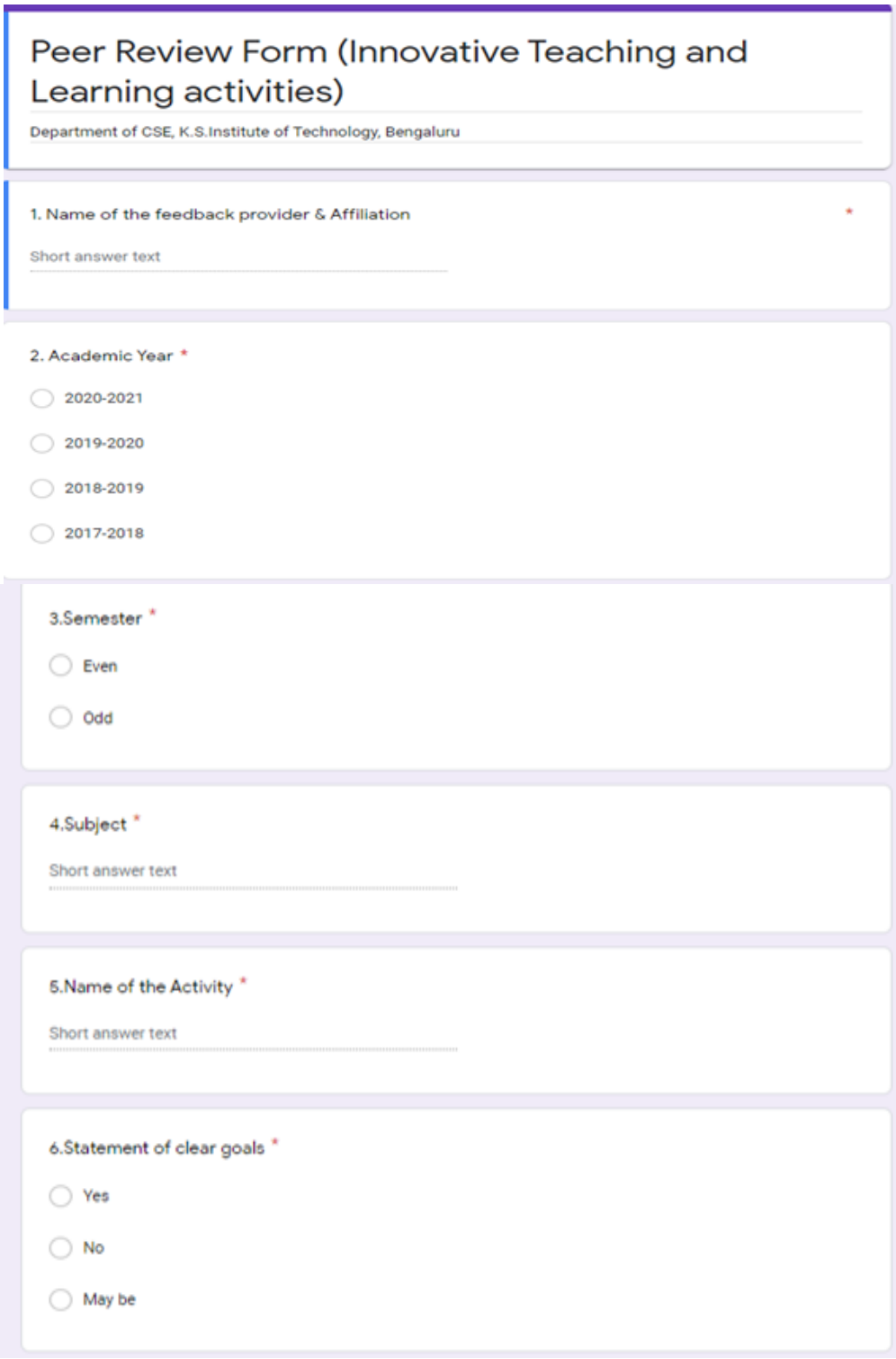
1	Dr.Rekha B Venkatapur	System Modelling & Simulation / 15CS834	VIII A & B	Online Assignment
2	Dr.Ram P Rustagi	Design and Analysis of Algorithms/18CS42	IV A&B	Learning by Gaming
3	Mrs.Deepa S R	System Software and Compiler Design/17CS63	VI A	Quiz using Google Classroom
4	Mrs.Vaneeta M	Cryptography Network Security & Cyber Law/17CS61	VI A	Mini Project
5	Mr.Kushal kumar B N	Data Communication/18CS46	IV B	Quiz
6	Mr.Aditya Pai H	Operating Systems/17CS64	VI B	Quiz using KAHOOT - 1
7	Mr.Aditya Pai H	Operating Systems/17CS64	VI B	Quiz using KAHOOT - 2
8	Mr.Aditya Pai H	Operating Systems/17CS64	VI B	Quiz using KAHOOT - 3
9	Mrs.Ranjitha K N	Internet of Things Technology	VIII B	Practical Online Assignment
10	Mrs.Ranjitha K N	Internet of Things Technology	VIII B	Online Quiz using EDMODO
11	Mrs.Beena K	Cryptography Network Security & Cyber Law/17CS61	VI B	Mini Project
12	Mrs.Sneha K	Data Communication/18CS46	IV A	Quiz
13	Mrs.Sneha C R	System Software and Compiler Design/17CS63	VI A	Quiz using Google Classroom

Academic Year 2019 (Odd)
Reports of Pedagogical activities
https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing

Sl. No.	Name of the Faculty	Course Name/Code	Semester/Section	Activity Name
1	Dr.Rekha B Venkatapur	Computer Organization / 18CS34	III B	Quiz
2	Dr.Rekha B Venkatapur	Computer Organization / 18CS34	III B	Group Discussion
3	Dr.Ram P Rustagi	Computer Networks/17CS52	V A&B	Network Tools demo with online access
4	Mrs.Deepa S R	Analog& Digital Electronics / 18CS33	III A	Peer Review
5	Mrs.Deepa S R	Analog& Digital Electronics / 18CS33	III B	Peer Review
6	Mrs.Vaneeta M	Information Network Security / 15CS743	VII B	Peer Review
7	Mrs.Vaneeta M	Information Network Security / 15CS743	VII B	Quiz using KAHOOT
8	Mr.Sanjoy Das	Storage Area Networks / 15CS754	VII B	Quiz using KAHOOT
9	Mr.AdityaPai H	Management & Entrepreneurship for IT Industry / 17CS51	V B	Case Study Solving
10	Mr.AdityaPai H	Software Engineering/ 18CS35	III A	Quiz
11	Mrs.Ranjitha K N	Natural Language Processing / 15CS741	VII A & B	QUIZ 1

12	Mrs.Ranjitha K N	Natural Language Processing / 15CS741	VII A & B	QUIZ 2
13	Mrs.Ranjitha K N	Natural Language Processing / 15CS741	VII A & B	Problem Solving
14	Mrs.Sneha K	Computer organization / 18CS34	III A	Quiz
Academic Year 2018-19(Even) **Reports of Pedagogical activities** https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1	Dr.Rekha B Venktapur	Data Communication / 17CS46	IV A	Problem solving
2	Dr.Ram P Rustagi	Design and Analysis of Algorithms/ 17CS43	IV A	Learning by Gaming Binary number Hanoi's Tower
3	Mrs.Vaneeta M	Operating Systems/15CS64	IV A	Problem Solving
4	Mr.Aditya Pai H	Internet of Things Applications / 15CS81	VIII A	Case Study
Academic Year 2018-19(Odd) **Reports of Pedagogical activities** https://drive.google.com/drive/folders/12EkS9G3nemcuSNQo2t3Oy4iK_1_D6Kd8?usp=sharing				
Sl. No.	**Name of the Faculty**	**Course Name/Code**	**Semester/Section**	**Activity Name**
1	Dr.Rekha B Venktapur	Unix and Shell Programming / 17CS35	III A & B	Group Discussion
2	Dr.Deepa S R	Analog and Digital Electronics / 18CS33	III A	Problem Solving
3	Mrs.Deepa S R	Analog and Digital Electronics / 18CS33	III A	Seminar
4	Mrs. Deepa S R	Analog and Digital Electronics / 18CS33	III B	Seminar
5	Mrs. Swathi K	Storage Area Networks / 15CS754	VII B	Group Discussion
6	Mr.AdityaPai H	Management and Entrepreneurship for IT Industry / 15CS51	V A	Case Study

Sample Copy of Peer Review Form



Peer Review Form (Innovative Teaching and Learning activities)

Department of CSE, K.S.Institute of Technology, Bengaluru

1. Name of the feedback provider & Affiliation *

Short answer text

2. Academic Year *

- 2020-2021
- 2019-2020
- 2018-2019
- 2017-2018

3.Semester *

- Even
- Odd

4.Subject *

Short answer text

5.Name of the Activity *

Short answer text

6.Statement of clear goals *

- Yes
- No
- May be

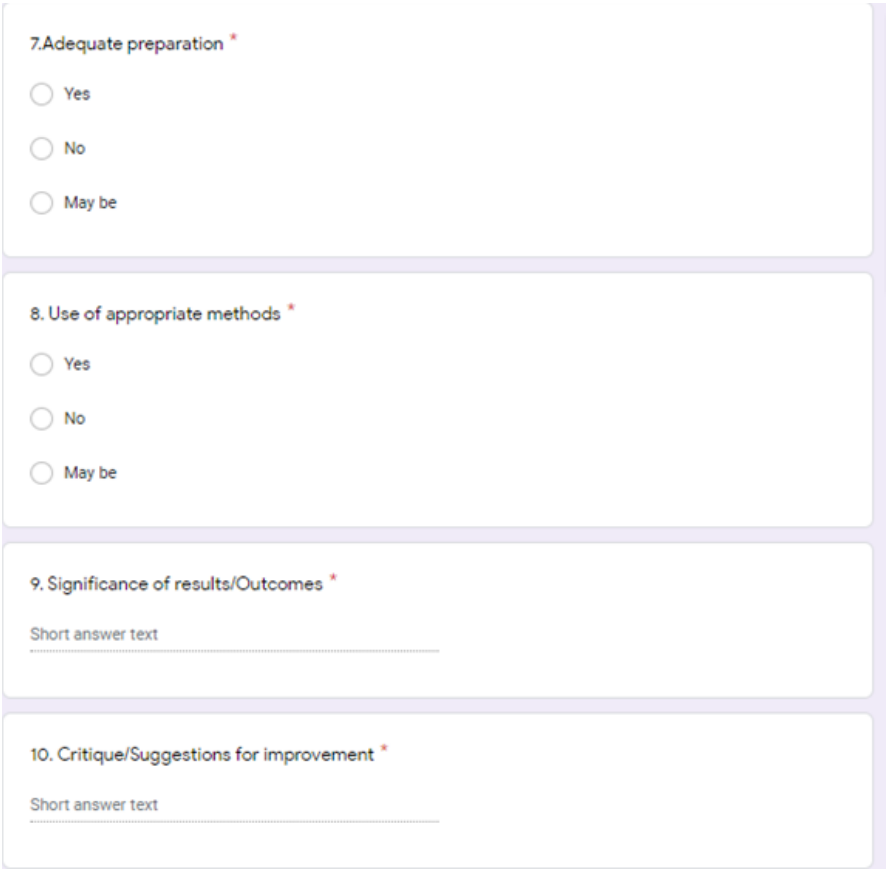


Fig. 5.5.B1 Peer Review Form

D. Statement of clear goals, use of appropriate methods, significance of results, effective presentation and reflective critique

The pedagogy report includes 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, BANGALORE - 560109
DEARTMENT OF COMPUTER SCIENCS & ENGINEERING
TEACHING AND LEARNING
PEDAGOGY REPORT

Academic Year	**2019-2020**
Name of the Faculty	**Aditya Pai H**
Course Name /Code	**Management and Entrepreneurship for IT Industry / 17CS51**
Semester/Section	**5 B**
Activity Name	**Case Study Solving**
Topic Covered	**Enterprise Resource Planning**
Date	**09.10.2019**
No. of Participants	**55**
Objectives/Goals	**To understand the topics in ERP**
ICT Used	**LCD**

Appropriate Method/Instructional materials/Exam Questions

The Students were provided with the following Case Study which they had solve and present:

- In order to maximize profits and improve data management, businesses have been converting their record keeping software to Enterprise Resource Planning (ERP) systems.
- Available ERP options have provided business with modules to integrate their human resource, financial, manufacturing, customer service, and other units, all using a common interface and one common communication language.
- Billions of dollars have been spent on these new enterprise systems in the last decade, all of which were intended to improve record keeping, data accuracy, security, and streamline operations.
- The process of evaluating an ERP system for use in business requires that an organization compare the existing ERP software available to their current business processes and see which ERP will best fit the existing business procedures.
- While no ERP will be a perfect fit, the less customization required to match the ERP to the business will insure a better operating ERP software for the business.
- Many critical success factors (CSF) can influence the success or failure of any ERP implementation.

1.→What research, preparations and timeline for implementation should an institution of higher learning undertake to insure success? 2.→How satisfied and comfortable are current staff members with the new software and how could their satisfaction level affect the success of this ERP implementation?	
Significance of Results/Outcomes	Students able to know the importance of ERP
Reflective Critique	With the Case Study Question the main goal of how success the organization will be with the implementation of ERP will be understood. Also the reality check of whether it is really possible to implement ERP in reality in shorter timeline.

Proofs (Photographs/Videos/Reports/Charts/Models)

Picture Source: Class Room No 209 – 5th Semester 'B' Section

Fig. 5.5.D1 Sample Pedagogy Report

5.6. Faculty as participants in Faculty development/training activities/STTPs (15)

Total Marks 15.00

Institute Marks 15.00

Sl. No.	Name of the Faculty	CAYm1 (2019-20)	CAYm2 (2018-19)	CAYm3 (2017-18)
1	Dr. Rekha.B.Venkatapur	3	3	3
2	Dr. Dayananda.R.B	3	-	-
3	Dr. Ram.P.Rustagi	3	3	-
4	Mr. K.Venkata Rao	3	-	-
5	Mr. Harshavardhan J.R	-	-	3
6	Mrs. Deepa.S.R	3	3	3
7	Mrs. Vaneeta.M	3	5	3
8	Mrs. Sangeetha.V	-	-	3
9	Mrs. P.Priyanga	-	5	5

10	Mrs. Sougandhika Narayan	3	-	5
11	Mrs. Vijayalaxmi. Mekali	3	-	3
12	Mr. Sanjoy Das	3	-	-
13	Mr. Roopesh Kumar.B.N	3	-	-
14	Mr. Kushal Kumar. B.N	3	-	-
15	Mr. Pradeep. K.R	-	5	3
16	Mr. Kumar.K	3	-	-
17	Mr. Pradeep Kumar.G.H	3	5	-
18	Mr. Raghavendrachar.S	5	3	-
19	Mr. Aditya Pai.H	5	3	-
20	Mrs. Swathi. K	3	3	-
21	Mr. Krishna Gudi	3	-	3
22	Mr. Prashanth.H.S	3	-	-
23	Mrs. Ranjitha.K.N	5	3	-
24	Mrs. Ashwini	-	5	-
25	Mrs. Beena.K	5	-	-
26	Mrs. Mamatha.R	5	-	-
27	Mr. Chillara Anil Kumar	5	-	-
28	Mrs. Sneha Karamadi	3	-	-
29	Mrs. Sneha C R	3		
30	Mrs. Rashmi B H	3		
	Sum	87	46	34
	RF= Number of Faculty required to comply with 20:1 Student-Faculty ratio as per 5.1	21.35	21.35	21.70
	Assessment = 3 x (Sum/0.5RF) (Marks limited to 15)	24.45	12.93	9.39
	Average	**15.59**		

Average Assessment over 3 years = 15

5.7. Research and Development (30) Total Marks: 18.00

5.7.1 Academic Research (10) *Institute Marks: 6.00*

The faculty of the CSE department are actively engaged in research in the areas of Machine Learning, Cryptography, IoT, Artificial Intelligence, Image Processing, Software Engineering, Networking, Data Science, Blockchain etc.

A. Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.

- A total of 190 research articles were published and presented by the faculty in various technical journals and conferences in the past 3 years.

5.7.1. A1 Publications Summary

Sl. No.	Academic year	Books	Book chapters	Journals		Conferences		CSI Convention	Total
		International /National	International	International	National	International	National		
1	**2020-2021**	**-**	**1**	**16**	**-**	**11**	**10**	**26**	**64**
2	**2019-2020**	**-**	**-**	**56**	**-**	**7**	**-**	**-**	**63**
3	**2018-2019**	**2**	**-**	**53**	**-**	**4**	**4**		**63**
							Total		**190**

Table 5.7.A2 LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2020-21

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. Vaneeta M	"Efficient Two-Layer Image Protection with Wavelet Transform Compression"	Innovative Data Communication Technologies and Applications, Springer Nature Singapore, Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 59), Feb 2021, PP-433-448, PRINT ISBN: 978-981-15-9650-6, Online ISBN: 978-981-15-9651-3 https://link.springer.com/chapter/10.1007%2F978-981-15-9651-3_37
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. Rekha B Venkatapur	COVID-19 Effect on Supply and Demand of Essential Commodities using Unsupervised Learning Method	Springer - Journal of the Institutions of Engineers, June 2021 Springer - https://doi.org/10.1007/s40031-021-00594-6
2.	Dr. Dayananda R B	Corn Leaf Image Classification based on Machine Learning Techniques for Accurate Leaf Disease Detection	International Journal of Electrical and Computer Engineering (IJECE) Vol. 9, No. 4, August 2020, ISSN: 2088-8708, DOI: 10.11591/ijece.v9i4.pp101-108
3.	Dr.Dayananda R B	A Survey on Disease dentification of Plants And Crops Using Image Processing	Kala Sarovar, (UGC Care Group-1 Journal) ISSN:0975-4520, Vol-23 No.03 November-December 2020 UGC-CARE List Group I, https://kalasarovarjournal.com/
4.	Dr.Ram P Rustagi	"Gamified Approach to Learn Algorithms – Exploring Basics of Algorithmic Approach"	Advanced Computing and Communications, A quarterly publication of the Advanced Computing and Communications Society, Vol 05, Issue 02, June 2021, , UGC-CARE List Group II https://journal.accsindia.org/gamified-approach-to-learn-algorithms-exploring-basics-of-algorithmic-approach/
5.	Dr.Ram P Rustagi	GALA: A Gamified Approach to Learning Algorithms	Advanced Computing and Communications, A quarterly publication of the Advanced Computing and Communications Society, Vol 05, Issue 01, March 2021, , UGC-CARE List Group II https://journal.accsindia.org/gala-a-gamified-approach-to-learning-algorithms/
6.	Dr. Ram P Rustagi	"Experiential Learning of Networking Technologies - Understanding Traversal of a Packet in Internet",	Journal of Advanced Computing and Communications, Vol4 issue 4, December 2020, UGC-CARE List Group II https://journal.accsindia.org/experiential-learning-of-networking-technologies-understanding-traversal-of-a-packet-in-internet/
7.	Dr. Ram P Rustagi	"Experiential Learning of Networking Technologies - Understanding IP Routing"	Journal of Advanced Computing and Communications, Vol 4 issue 3, September 2020. https://journal.accsindia.org/experiential-learning-of-networking-technologies-understanding-ip-routing-2/
8.	Dr. Deepa. S. R	Cluster optimization in wireless sensor network based on optimized Artificial Bee Colony algorithm	IET Networks, WILEY, Feb 2021, DOI: 10.1049/ntw2.12023, PG 1-9 https://www.sciencegate.app/document/10.1049/ntw2.12023
9.	Dr.Deepa S R	Detection of Fake and Clone Account on Twitter	International Journal of Scientific Research in Engineering and Management, ISSN – 2582- 3930, Volume 5, Issue 7
10.	Dr. Vijayalaxmi. Mekali	Fingervein Detection Using Image Processing	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 05 Issue: 07 | July - 2021 ISSN: 2582-3930

11.	Dr. Swathi K.	"An Empirical Analysis of Security in SMEs in Bengaluru"	International Journal of Management (IJM), pp. 2388-2395, Vol. 11, Issue 11, November 2020 https://iaeme.com/MasterAdmin/Journal_uploads/IJM/VOLUME_11_ISSUE_11/IJM_11_11_222.pdf
12.	Dr. Swathi K	"Study on Software Security Measures Adaption in SMEs in Bengaluru",	International Journal of Advanced Research in Engineering and Technology (IJARET), pp. 2170-2177, Vol.11, Issue. 11, November 2020. https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_11/IJARET_11_11_215.pdf
13.	Dr. Aditya Pai H	"An Empirical Analysis of Security in SMEs in Bengaluru",	International Journal of Management (IJM), pp. 2388-2395, Vol. 11, Issue 11, November 2020. https://iaeme.com/MasterAdmin/Journal_uploads/IJM/VOLUME_11_ISSUE_11/IJM_11_11_222.pdf
14.	Dr. Aditya Pai H	"Study on Software Security Measures Adaption in SMEs in Bengaluru"	International Journal of Advanced Research in Engineering and Technology (IJARET), pp. 2170-2177, Vol.11, Issue. 11, November 2020 https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_11/IJARET_11_11_215.pdf
15.	Mr. Prashanth H S	Blockchain: A Panacea For Healthcare Cloud-Based Data Security And Privacy	IJARIIE-ISSN(O)-2395-4396, Vol-7 Issue-4 2021
16.	Mrs. Ranjitha K N	Text Extraction and Recognition from Images	International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, Issue 7, July 2021, DOI: 10.17148/IARJSET.2021.8773

INTERNATIONAL CONFERENCE

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. Rekha B Venkatapur	A Survey on Application of Deep Learning : Unsupervised Autoencoder	International Conference on "Global Convergence in Technology, Entrepreneurship, Computing and Value Engineering: Principles and Practices" (IGCP – 2021) organized by Sapthagiri College of Engineering, Held on 16th and 17th of July 2021.
2.	Dr. Rekha B Venkatapur	"Multi Scale Recurrent Yolo(MSRYOLO) Object Detection Surveillance System"	International conference on AAICM - 2020 of organized by DSCE on 9th Dec 2020.
3.	Dr. Dayananda R B	Nearest Neighbor Monitoring Mechanism for Efficient and Secure Data Aggregation in WSN Environment	Proceedings of the Fifth International Conference on Computing Methodologies and Communication (ICCMC 2021) DVD Part Number: CFP21K25-DVD: ISBN: 978-0-7381-1203-9, 8th -10th April 2021 IEEE Conference

4.	Dr. Dayananda R B	Customer churn prediction in telecommunication through machine learning based fine tuned xgboost algorithm	International Conference On Computational Intelligence & Data Science organized by East West College of Engineering in collaboration with Universal Innovators and ELSEVIER, Bangalore on 4th February, 2021.
5.	Dr. Dayananda R B	A Review on Security and Privacy Preserving Mechanisms of Electronic Health Records in Cloud	2021 Asian Conference on Innovation in Technology (ASIANCON), PUNE, 27-29 Aug 2021, pp. 1-4, doi: 10.1109/ASIANCON51346.2021.9544547.IEEE Conference
6.	Mrs. Vaneeta M	"Efficient Intrusion detection of malicious node using Bayesian Hybrid Detection in MANET",	1st International Conference on Computational Research and Data Analytics (ICCRDA-2020), jointly organized by Suleyman Demirel University and Isparta Applied Sciences University, Turkey and College of Engineering Roorkee, India on 24th October, 2020.
7.	Mrs. Vaneeta M	"Efficient Two Layer Image Protection with Wavelet Transform Compression",	2nd International Conference on Innovative Data Communication Technologies and Applications (ICIDCA 2020) at RVS college of Engineering and Technology, Coimbatore on 3rd and 4th September 2020.
8.	Mr. Raghavendrachar S	A Survey on Application of Deep Learning: Unsupervised Autoencoder	International Conference on "Global Convergence in Technology, Entrepreneurship, Computing and Value Engineering : Principles and Practices" (IGCP – 2021) organized by Sapthagiri College of Engineering, Held on 16th and 17th of July 2021.
9.	Dr. Aditya Pai H,	"An Exploratory Study for Process Optimization in IT Industry	2nd International Conference on Emerging Technologies in Data Mining and Information Security, IEMIS, July 2020.
10.	Dr. Aditya Pai H,	"A Study on SSDLC (Secure Software Development Life Cycle",	2nd International Conference on Emerging Technologies in Data Mining and Information Security, IEMIS, July 2020
11.	Mrs. Sneha Karamadi	"An Exploratory Study for Process Optimization in IT Industry	2nd International Conference on Emerging Technologies in Data Mining and Information Security, IEMIS, July 2020.

NATIONAL CONFERENCE

Sl. No.	Name of the faculty	Title of the paper	Title of conference, place, date, ISSN:/ISBN
1.	Dr.Rekha B Venkatapur	"Voice Based E-Prescription"	4th National Conference on "Emerging Trends in Information Technology – NCETIT – 2021" Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021

2.	Dr. Rekha B Venkatapur,	“Human Activity Recognition in Videos Using SVM”	Innovative Research Advances in Engineering Applications and Processes, National Conference Proceedings, ISBN : 978 93 85682 65 0 at Jyothy Institute Of Technology, Bengaluru, August 2020.
3.	Dr. Dayananda R B	"Critical Survey for Scheduling and Resource Allocation methods in Hadoop-MapReduce on Clouds"	National Conference on Engineering Innovations in Emerging and Technology (NCEIET-2021) organized by Dept of ISE East Point College of Engineering Technology, held on 19th and 20th July 2021
4.	Dr.K Venkata Rao	“Remote Access”	4th National Conference on “Emerging Trends in Information Technology – NCETIT – 2021” Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021
5.	Dr. Vaneeta M	“Ransomware Attack Prediction using Machine Learning Technique”,.	National Conference on Innovations in Communication Networks, Information Security, Embedded System and Signal Processing(ICIES - 2020), Organized by Department of ECE, Vidya Academy of Science and Technology, Thrissur on 27th and 28th August 2020
6.	Dr. Vaneeta M,	“Comparison between K-Means and Expectation Maximization algorithm using iris plant”,.	National Conference on Innovations in Communication Networks, Information Security, Embedded System and Signal Processing(ICIES - 2020), Organized by Department of ECE, Vidya Academy of Science and Technology, Thrissur on 27th and 28th August 2020
7.	Mr. Kumar K	Listen for Vision	4th National Conference on “Emerging Trends in Information Technology – NCETIT – 2021” Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021
8.	Mr.Raghavendrachar S	Animal Intrusion Detection Using Machine Learning	4th National Conference on “Emerging Trends in Information Technology – NCETIT – 2021” Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021
9.	Mr.Raghavendrachar S	E-Defense for People Safety	4th National Conference on “Emerging Trends in Information Technology – NCETIT – 2021” Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021
10.	Mrs. Beena	Detection Of Melanoma Skin Cancer	4th National Conference NCETIT ' 2021

34th CSI Karnataka State Student Convention (Online) Organized by Department of Computer Science and Engineering, K. S. Institute of Technology, Bengaluru, Paper ID:CSIAWSPID011, Dec 2020.

Sl. No	Name of the Faculty	Title of the Paper
1	Dr. Rekha B Venkatapur	"Voice Based E-Prescription"
2	Dr. Ram P Rustagi	"Reading A Physical Book For Visually Impaired Person Through Voice Over Navigation System"

3	Dr. Ram P Rustagi	"Email Voice Assistant"
4	Dr. Dayananda R B	"Pulse Rate Detection",
5	Mr. K Venkata Rao	"Remote Access"
6	Mr. Harshavardhan J R	"Web-interaction without Keyboard and Mouse",
7	Mr. Harshavardhan J R	"A Contactless Attendance & Security System using Real-time Face Recognition",
8	Dr. Deepa S R	"Detection of Fake and Clone Accounts on Twitter",
9	Ms. Vaneeta M	"Survey on Document Resizing, Validation and Verification for Web API",
10	Ms. Sougandhika Narayan	"Survey On Alpha-Numeric Character Recognition In Audio/Text-Based Captcha",
11	Ms. Vijayalaxmi. Mekali	"Fingervein Detection Using Image Processing",
12	Mr. Sanjoy Das	"E-Convocation Webapp Using VR"
13	Mr. Roopesh Kumar B N	"Armament Detection and Alert System Using YOLOV3"
14	Mr. Roopesh Kumar B N	"Counterfeit Notes Detection",
15	Mr. Kumar K	"Listen For Vision"
16	Mr. Kushal Kumar B N	"Virtual 3D Trial Room"
17	Mr. Raghavendrachar S	"E-Defence For People Safety",
18	Mr. Krishna Gudi	e-Book Reselling Store: Set Aside your Time and Cash
19	Mr. Aditya Pai H	"Breast Cancer Detection Using Deep Learning: A Survey"
20	Dr. Swathi K	"Dog Breed Identification with Products Classification and Assisted Services"
21	Dr. Swathi K	"Intuitive Perception –Lip Reading using Machine Learning",
22	Mr. Prashanth H S	"Blockchain: A Panacea For Healthcare Cloud-Based Data Security And Privacy"
23	Ms. Ranjitha K N	"Literature Survey on Text Extraction and Recognition",
24	Ms. Beena K	"Detection of Melanoma Skin Cancer",
25	Ms. Sneha K	"Android based application for senior citizens",
26	Ms. Sneha C R	"Animal Intrusion Detection Using ML"

Table 5.7.A3 LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2019-20

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. Rekha B Venkatapur	Stock Market Prediction Using Financial News Articles	International Research Journal of Engineering and Technology (IRJET), Volume 6,Issue 12, ISSN: 2395-0072, PP- 1-3,Dec 2019
2.	Dr. Rekha B Venkatapur,	"A Survey On Application Of Deep Learning: Unsupervised Auto Encoder"	Alochana Chakra Journal, Volume IX, Issue VII, ISSN NO:2231-3990, July 2020.
3.	Dr. Dayananda R B	Secure And Optimized Data Sharing Model Group In Healthcare Cloud Environment	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075Vol -9, ISSUE-1, Nov-2019 https://www.ijitee.org/wp-content/uploads/papers/v9i1/A4602119119.pdf
4.	Dr. Dayananda R.B	"Improvised XgBoost Machine Learning Algorithm for Customer Churn Prediction"	EAI Endorsed Transactions on Energy Web, February 2020
5.	Dr. Dayananda R B	Customer Chrun Prediction and Ipselling using MRF(Modified Random Forest)Technique	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol -9, ISSUE-

			3, Jan-2020
6.	Dr. Ram P Rustagi	"Experiential Learning of Networking Technologies - Understanding Network Layer and IP Addressing",	Journal of Advanced Computing and Communications, Vol 4, issue 2, June 2020. https://journal.accsindia.org/understanding-network-layer-ip-addressing/
7.	Dr. Ram P Rustagi,	"Experiential Learning of Networking Technologies - Evolution of Socket Programming - Part II",	Advanced Computing and Communications, Vol4, issue1, March2020. https://journal.accsindia.org/experiential-learning-of-networking-technologies-evolution-of-socket-programming-part-ii/
8.	Dr. Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding TCP Congestion Control	Advanced Computing and Communications – A quarterly publication of ACCS, Issue 03, Vol 03, Sep 2019
9.	Mr. K. Venkata Rao	Data Extraction Of Digital Text And Conversion Into An Audio-Visual Output	International Journal of Creative Research Thoughts (IJCRT),Volume 8, Issue 2, ISSN:2320-2882, PP-1003-1005, Feb 2020.
10.	Mr. Harshavardhan J R	Multiple Vehicle Automatic Number Plate Recognition	International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 11, ISSN 2395-0072, PP-1-2, Nov 2019
11.	Mr. Harshavardhan J R	Multiple Vehicle Monitoring and Security System	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, PP- 569-572, June 2020,
12.	Mrs. Deepa S R	Automatic Farming Robot for Smart And Effective Cultivation	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 2, ISSN:2320-2882, PP-1000-1002, Feb 2020
13.	Mrs. Deepa S R	Automatic Farming Robot for Smart And Effective Cultivation	International Journal of Scientific Development and Research (IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020
14.	Mrs. Deepa S R	Autonomy Of Attendance Using Face Recognition	International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue 2, ISSN:2395-0072, PP-1234-1237, Feb 2020
15.	Mrs. Deepa S R	Autonomy Of Attendance Using Face Recognition	International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue 6, ISSN:2395-0072, June 2020
16.	Mrs. Vaneeta M	Multi-Tier Framework For Optimizing Pairwise Key Predistribution In Sensory Applications	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol -9, ISSUE-2, Pp- 3774-3780, Dec 2019 https://www.ijitee.org/wp-content/uploads/papers/v9i2/B6242129219.pdf
17.	Mrs. Vaneeta M	Survey on Phishing Websites Detection	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 2, ISSN:2349- 5162, PP- 569-572, Feb 2020
18.	Mrs. Vaneeta M	Detection of Phishing Websites using Machine Learning Techniques	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349- 5162, PP- 569-572,

			June 2020
19.	Mrs. Sougandhika N	Detection of DDos Attack using Hybrid Machine Learning Algorithms	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 3, ISSN:2320-2882, PP- 1178-1180, Feb 2020
20.	Mrs. Sougandhika N	Food Distribution Framework using smart container	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, June 2020
21.	Mrs. Sougandhika N	Detection of DDos Attack using Hybrid Machine Learning Algorithms	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 6, ISSN:2320-2882, June 2020
22.	Mrs. Sougandhika N	An Excess Food Redistribution Framework Using Smart Container	International Journal of Scientific Research and Engineering Trends (IJSRET), Volume 6, Issue 1, ISSN 2395-566X,PP- 1-2,Feb2020
23.	Mrs. Vijayalaxmi. Mekali	Integrated System for Classification of Pulmonary Nodules on CT Images	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019 https://www.ijrte.org/wp-content/uploads/papers/v8i4/D4414118419.pdf
24.	Mrs. Vijayalaxmi. Mekali	Novel CADe/CADx System for Lung Nodules Segmentation and Classification on Computed Tomography Images	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S, December 2019 https://www.ijitee.org/wp-content/uploads/papers/v9i2S/B10941292S19.pdf
25.	Mrs. Vijayalaxmi. Mekali	A Survey On Image Based Eye-Blink Assistive System For Paralyzed Patients	International Journal of Engineering Applied Sciences and Technology (IJEAST), Volume 4, Issue 8, ISSN:2455-2143, PP- 362-364, Dec 2019.
26.	Mrs. Vijayalaxmi. Mekali	An Image Based Eye-Blink Assistive System for Paralyzed Patients	International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue 5, ISSN:2395-0072, May 2020
27.	Mr. Roopesh Kumar B N	Digi-Sign	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 3, ISSN:2320- 2882, PP- 670-672, Feb 2020
28.	Mr. Roopesh Kumar B N	Digi-Sign	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 6, ISSN:2320- 2882, June 2020
29.	Mr. Roopesh Kumar B N	Demand Drivers for Agriculture Commodities	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 5, ISSN:2320- 2882, May 2020
30.	Mr. Roopesh Kumar B N	Demand Drivers for Gold	International Journal of Research and Technology (IJRT), Volume 8, Issue 3, ISSN: 2321-7510, June 2020
31.	Mr. Kumar K	Assisted Distributed Kernel Self-Organizing Cloud System Built Using A Peer- To-Peer Network	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 5, ISSN:2320- 2882, March 2020
32.	Mr. Kumar K	Assisted Distributed Kernel Self-Organizing Cloud System Built Using A Peer- To-Peer Network	International Journal of Scientific Development and Research (IJSDR), Volume: 5, Isuue 6, ISSN 2455-2631, June 2020
33.	Mr. Kumar K	A Survey on Enhancement of Captcha to prevent non-interactive access	International Journal of Engineering Applied Sciences and Technology (IJEAST),Volume-5, Issue 1, ISSN: 2455-

			2143, PP-389-391, May 2020
34.	Mr. Pradeep Kumar G H	Indoor Navigation using AR	International Journal of Scientific Development and Research (IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020
35.	Mr. Pradeep Kumar G H	Indoor Navigation using AR Technology	International Journal of Engineering Applied Sciences and Technology (IJEAST), Volume-4, Issue 9, ISSN: 2455-2143, PP-356-359, Jan 2020
36.	Mr. Raghavendrachar S	Gaze Pin Entry for Password Authentication	International Journal of Scientific Research and Engineering Trends (IJSRET), Vol -5, ISSUE- 6, Nov- Dec-2019, ISSN: 2395-566x
37.	Mr. Raghvendrachar S	Gaze Pin Entry for Password Authentication	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 5, ISSN:2349- 5162, May 2020
38.	Mr. Raghavendrachar S	"A Survey On Application Of Deep Learning: Unsupervised Auto Encoder"	Alochana Chakra Journal, Volume IX, Issue VII, ISSN NO:2231-3990, July 2020.
39.	Mr. Aditya Pai H	Analysis And Classification Of Water Purity Based On Parameters Stated By Central Pollution Control Board	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6, Issue 6, ISSN 2349- 5162, PP- 142-147, June 2019.
40.	Mr. Aditya Pai H	Survey Paper on Smart Locker System	Journal of Applied Sciences and Competitions (JASC), Volume-7, Issue 5, ISSN: 1076-5131, May 2020
41.	Mr. Aditya Pai H	Analysis and Classification of water purity based on the parameters stated by central pollution control board.	International Journal of Scientific Development and Research (IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020
42.	Mr. Krishna Gudi	Indoor Air Quality Monitoring System using Machine Learning with IoT	International Journal of Research and Technology (IJRT), Volume 8, Issue 3, ISSN: 2321-7510, June 2020
43.	Mr. Prashanth H S	Smart Ambulance With Traffic Control	International Journal of Scientific Research and Engineering Trends, (IJSRET), Volume 6, Issue 1, ISSN- 2395-566X, PP-1-2, Feb 2020
44.	Mr. Prashanth H S	Money Exchange Using Android Application	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 2, ISSN:2320-2882, PP-1507-1508, Feb 2020
45.	Mr. Prashanth H S	Money Exchange Using Android Application	International Journal of Scientific Development and Research (IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020
46.	Mr. Prashanth H S	Smart Ambulance With Traffic Control	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349- 5162, June 2020
47.	Mrs. Ranjitha K N	An IoT Approach for Motion Activated Security Camera and surveillances System	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349- 5162, June 2020
48.	Mrs. Ranjitha K N	An IoT Approach for Motion Activated Security Camera and surveillances System	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 8, ISSN:2349-5162, August 2020
49.	Mrs. Beena K	Diagnosis Of Diseases in Potato Leaves Using IoT	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 2,

			ISSN2320-2882, PP- 323-327, Feb 2020
50.	Mrs. Beena K	Diagnosis Of Diseases in Potato Leaves Using IoT	International Journal of Research and Technology (IJRT), Volume 8, Issue 3, ISSN: 2321-7510, June 2020
51.	Mrs. Sneha Karamadi	Hand Talk Gloves With Flex Sensor	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6, Issue 6, ISSN 2349- 5162, PP-25-26, June 2019
52.	Mrs. Sneha Karamadi	"HAND-TALK GLOVES WITH FLEX SENSOR"	IJRTR Volume 8, Issue 3, ISSN: 2321–7529(Online) | ISSN: 2321–7510, June 2020
53.	Mrs. Mamatha R	"Intelligent Pillbox (Anytime Medicine)"	IJCRT Volume 8, Issue 6, ISSN:2320-2882, June 2020.
54.	Mrs. Sneha C R	"6-Legged Crawling Robot For Virtual Telepresence"	International Journal of Creative Research Thoughts (IJCRT), Vol. 8, No. 6, pp. 1772-1781, ISSN: 2320-2882, June 2020.
55.	Mrs. Rashmi B H	A Survey On Medical Image Interpretation For Predicting Pneumonia	International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 2,ISSN:2395-0056, PP-1120-1122, Feb 2020
56.	Mrs. Rashmi B H	Pneumonia prediction using medical image modality	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 7, ISSN:2349-5162 June 2020

INTERNATIONAL CONFERENCE PUBLICATION

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. Rekha B Venkatapur	Enhancement of Signature Schemes for Heightening Security in Blockchain	International Conference on Innovative Research in Engineering Management and Sciences, International Journal of Scientific Research in Computer Science, engineering and Information Technology, Volume 4, Issue 9 ISSN:2456-3307, Dec 2019
2.	Dr. Ram P Rustagi	Securing Distributed SDN Controller network from Induced DoS Attack	8th IEEE International Conference On Cloud Computing In Emerging Markets (IEEE CCEM) 19th & 20th, September 2019
3.	Dr. Dayananda R.	Plant leaf segmentation through connected pixel approach	2nd International conference on smart systems and inventive technology, ICSSIT-2019, 27-29- November 2019, Francis Xavier Engineering College, Tirunelveli
4.	Dr. Dayananda R.	"A Survey on Disease Identification of various plants and crops using image processing"	ICRCSIT-2020 on 17th of June 2020.
5.	Dr. Dayananda R B	Optimization of Hadoop MapReduce Model in cloud Computing	International Conference on Smart Systems and Inventive Technology (ICSSIT), 27-29 November, Francis Xavier Engineering College, Tirunelveli, 2019
6.	Dr. Dayananda R B	An Effective Security Protocol for GDs (Group Data Sharing) in Health care Cloud Environment	International Conference on Communication and Electronics Systems (ICCES) 2019, PPG Institute of Technology, Coimbatore, 17-19 July2019, ISBN: 978-1-7281-1260-2

7.	Mr. K Venkata Rao,	"Application for Gender, Age, and Face Recognition using OpenCV",	ICRCSIT-0283, Proceedings of online "International Conference on Recent Trends in Computer Science & Information Technology" ICRCSIT – 20 organized on 17th & 18th June 2020.

Table 5.7.A4 LIST OF RESEARCH PUBLICATIONS ACADEMIC YEAR 2018-19

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	Mr. Aditya Pai H	"Research on Web Portal for Managing Research and Development"	LAP LAMBERT Academic Publishing, Oct. 28 2018), ISBN- 10: 6139938511, ISBN-13: 978-6139938513
2	Mrs. Swathi. K	"Reduction of cycle Time by Implementing value stream Mapping ", Series	Lambert Academic Publishing, Germany, 978-613-4-99918-2, Jan-2018
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. Rekha. B. Venkatapur	Decentralized File Sharing System Using- IPFS	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume 6, Issue 5, ISSN-2349- 5162, I.F 5.87
2.	Dr. Rekha. B. Venkatapur	A Survey on Motion Detection by Image Stitching techniques	Asian Journal of Convergence in Technology (AJCT), April- 2019, Volume V, Issue I, ISSN NO:2350-1146, I.F-5.11
3.	Dr. Rekha. B.Venkatapur	Review on Human Action Detection in Stored Videos using Support Vector Machine	International Research Journal of Engineering and Technology (IRJET), Feb-2019, Volume 6, Issue 2, e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor-7.21
4.	Dr. Dayananda R B	Voice Assistant for Visually Impaired In Android	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6 Issue 212349-5162-4, I.F 5.87
5.	Dr. Dayananda R B	Expressive Keyword Search in Cloud Over Encrypted Data	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume - 6, Issue -5ISSN-2349-5162, I.F 5.87,UGC Approved
6.	Dr, Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding Basics of Transport Layer	Advanced Computing and Communications (ACCS) – A quarterly publication of ACCS, Issue 03, Vol 02, Sep 2018
7.	Dr, Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding TCP Connection State – Part I	Advanced Computing and Communications (ACCS) – A quarterly publication of ACCS, Issue 04, Vol 02, Dec 2018
8.	Dr, Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding TCP Connection State –Part II	Advanced Computing and Communications (ACCS) – A quarterly publication of ACCS, Issue 01, Vol 03, Mar2019
9.	Dr, Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding TCP Flow Control	Advanced Computing and Communications (ACCS) – A quarterly publication of ACCS, Issue 02, Vol 03, June 2019
10.	Mr. K Venkata Rao	Advance Footstep Power Generation	(Human Resource Business Partners) HBRP Volume 1 Issue 11-5,I.F**5.87,** June 2019

11.	Mr. K Venkata Rao	Understanding Quality Practices in SME's	International Journal on Advanced Electrical and Computer Engineering (IJAECE), ISSN:2349-9338, Issue: 1, VOL-5, PP45-50
12.	Mr. Harshavardhan J R	Student Portal	International Research Journal of Engineering and Technology (IRJET),Volume 6 Issue 4 e- 2395 – 0056 2395-0072, 4581-4589,I.F 5.87
13.	Mrs. Deepa.S.R	Survey on Various Smart Parking Systems and Its Technology	International Journal of Innovations in Engineering and Science (IJIES), 2018, Volume 3, Issue 2, e-ISSN-2456- 3463
14.	Mrs. Deepa. S. R	A Smart Driver Alert System	Journal of Emerging Technology and Innovative Research (JETIR), May 2019, Volume 6, Issue 6, ISSN-2349- 5162, I.F 5.87
15.	Mrs. Vaneeta M	NPKG: Novel Pairwise Key Generation for Resisting Key-based Threats in Wireless Sensor Network	International Journal of Network Security (IJNS), Jan-2019, Vol 21, No 1, PP – 122-129, DOI- 10.6633/IJNS, 1 Citation
16.	Mrs. Vaneeta M	Speech Based Home Automation System with User Authentication	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume 6, Issue 5, ISSN-2349- 5162, I.F5.87
17.	Mrs. Sangeetha V	Probabilistic Framework for Assessing the Threat Level using Novel Decision Constructs in Mobile Adhoc Network	International Journal of Network Security, Vol.20, No.6, PP.1085-1092, Nov. 2018 (DOI: 10.6633/IJNS.201811 20(6).09) 1085-1092http://ijns.jalaxy.com.tw/contents/ijns-v20-n6/ijns-2018-v20-n6-p1085-1092.pdf
18.	Mrs. Sangeetha V	Identity Management Using Blockchain	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume 6 Issue 5 ISSN-2349 – 5162, PP-228-231, I.F 5.87
19.	Mrs. Sangeetha V	Counterfeit Drug Identification At Supply Chain	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume 6 Issue 4, ISSN-2349- 5162PP-235-239, I.F5.87
20.	Mrs. Priyanga. P	Flight Search Techniques in Web Development	International Journal for Research in Technological Studies (IJRTS) Vol. 5, Issue 4, March 2019, ISSN (online):2348-1440
21.	Mrs. Priyanga. P	An efficient Cluster Based Deep Neural Network (C-DNN) Approach to Detect Heart Disease	Journal of Web Engineering, October, 2018 (JWE), Vol.17,N0.6,ISSN-3042- 3059, http://sersc.org/journals/index.php/IJAST/article/view/13886
22.	Mrs. Priyanga P	Analysis of Machine Learning Algorithms in Health care to Predict Heart Disease	International Journal of Health care Information Systems and Informatics (IJHISI), Vol – 13, Issue – 4,October – Dec – 2018, DOI : 10.4018/ijhisi.2018100106 https://www.igi-global.com/gateway/article/210580#pnlRecommendationForm
23.	Mrs. Sougandhika Narayan	Win – Win Online Advertising Posting Website	Journal of Emerging Technology and Innovative Research (JETIR), Volume X Issue X, ISSN-2349 – 5162, PP-1-4,I.F 5.87
24.	Mrs. Vijayalaxmi. Mekali	Automated Lung Cancer Detection System using Computed Tomography Images	International Journal of Innovations In Engineering and Science (IJIES), ISSN 2456-3463, Vol 3, No 4, 2018
25.	Mrs. Vijayalaxmi. Mekali	Comprehensive Training and	International Journal of Advance Research, Ideas and Innovations In Technology

		Placement Department	(IJARIIT) Volume 5, Issue 3, ISSN 2054 – 132X, PP-565- 567, 2019
26.	Mr. Roopesh Kumar B.N	Design And Development Of External Support System For Disabled Arm	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6, Issue ISSN : 42349- 5162, PP-217 - 219,I.F 5.87
27.	Mr. Roopesh Kumar B.N	Automobile Number Plate Recognization System Using Image Processing	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6 Issue 4 ISSN 2349 – 5162, PP-427-434, I.F 5.87
28.	Mr. Kumar K	Literature Survey on Smart Water Quality Monitoring System	International Journal of Innovations in Engineering and Science (IJIES), e-ISSN: 2456-3463, 2018
29.	Mr. Pradeep K.R	Predictive Analysis Of Soubean Crop Yield	Journal of Emerging Technology and Innovative Research (JETIR), April 2019, Volume 6 Issue 4 ISSN 2349 – 5162, PP-86-89, I.F 5.87
30.	Mr. Pradeep K.R	Lung Cancer Survivability Prediction based on Performance Using Classification Techniques of Support Vector Machines, C4.5 and Naive Bayes Algorithms for Healthcare Analytics	ELSEVIER PROCEDIA Computer Science, 2018, Volume 132, pp 412- 420.Science Direct, ISSN:1877- 0509 https://www.sciencedirect.com/science/article/pii/S1877050918308962
31.	Mr. Pradeep K.R	Disease Prediction – Breast Cancer In Women Using Machine Learning Classification Techniques	Journal of Emerging Technology and Innovative Research (JETIR), April 2019, Volume 6 Issue 4 ISSN 2349 – 5162, PP-485-490, I.F 5.87
32.	Mr. Pradeep K. R	A Framework for Lung Cancer Survivability Prediction Using Optimized-Deep Neural Network Classification and Regression technique	International Journal of Computer Sciences and Engineering Open Access Research Paper Vol.-7, Special Issue-13, May 2019 E-ISSN: 2347-2693
33.	Mr. Pradeep Kumar G H	Virtual Visits To ICU	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6 Issue 4, ISSN 2349-5162, PP-73-79, I.F 5.87
34.	Mr. Pradeep Kumar G H	A Smart Campus Communication System	International Journal of Computer Sciences and Engineering (IJCSE) Volume 7 Issue 9, ISSN 2347-2693, PP-34-37, I.F 5.87
35.	Mr. Kumar K	Decentralized Distress Relief Using Blockchain	Research Insights in Social Science Business, Economics and Management Studies (RISEM) ISBN –978-93- 87793-87-3, PP-116-121, May 2019
36.	Mr. Raghavendrachar S	Android Tracking Application Using GSM/GPS	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6 Issue 5 ISSN 2349 –5162,PP-273-276,May 2019, I.F 5.87
37.	Mr. Aditya Pai H	Study on the Factors that Increase the Lead Times in Small and Medium Level Enterprises in IT Sector	Journal of Adv Research in Dynamic & Control Systems (JARDCS), Mar- 2019, Vol 11, Special Issue 04, ISSN 1943-023X,
38.	Mr. Aditya Pai H	Need For Improvement in Software Processes in SMEs	International Journal of Management, IT & Engineering (IJMITE), Oct- 2018, Vol 8, Issue 10(1), ISSN:2249- 0558
39.	Mr. Aditya Pai H	Failure Mode Effective Analysis for Software Processes	International Journal of Research in Engineering, IT and Social Sciences (IJREISS), Oct-2018, Vol 8, Issue10, ISSN:2250-0588
40.			International Journal of Computer Sciences

	Mr. Aditya Pai H	MEET Android Application	& Engineering (IJCSE), Vol – 7, Issue : 15, May 2019, E-ISSN: 2347-2693
41.	Mr. Aditya Pai H	E-Institute Administrative System	International Journal of Computer Sciences & Engineering (IJCSE), Vol – 7, Issue : 15, May 2019, E-ISSN: 2347-2693
42.	Mr. Aditya Pai H	Adaptation of Six Sigma Method in Software Development	International Journal of Computer Sciences and Engineering (IJCSE), Vol – 7, Issue -15, May 2019, E-ISSN:2347- 2693
43.	Mr. Aditya Pai H	Analysis And Classification Of Water Purity Based On Parameters Stated By Central Pollution Control Board	JETIR June 2019, Volume 6, Issue6, ISSN-2349-5162
44.	Mr. Aditya Pai H	A Mathematical Model to Assess Failure due to Longer Lead Times in SMEs in IT Sector	International Journal of Computer Sciences and Engineering (IJCSE), May-2019, Volume 7, Issue 15, E- ISSN-2347-2693
45.	Mrs. Swathi K	Software Defect Prediction Using Data Mining Techniques	International Journal of Computer Sciences and Engineering, Vol.-7, Special Issue-15, May 2019 E-ISSN: 2347-2693
46.	Mrs. Swathi K	Factor analysis in Software Defect Prediction	HBRP Publication Journal of Advancement in Software Engineering and Testing (JASET), 2018, Volume 1, Issue 1
47.	Mrs. Swathi K	Chi Square Test for Software Defect Prediction	HBRP Publication Journal of Advancement in Software Engineering and Testing (JASET), 2018, Volume 1, Issue 1
48.	Mrs. Swathi K	Analysis of Variance Carried out For Software Defect Prediction	HBRP Publication Recent Trends in Information Technology and its Applications, 2018, Volume 1, Issue 3
49.	Mrs. Swathi K	Frequency Distribution for Software Defect Prediction	HBRP Publication Advancement of Computer Technology and its Applications, 2018, Volume 1, Issue 3
50.	Mr. Krishna Gudi	IoT Based Digital Water Supply System	Journal of Emerging Technology and Innovative Research (JETIR),Volume 6, Issue 5, ISSN 2349 – 5162, PP-617-624, I.F 5.87, May 2019
51.	Mr. Krishna Gudi	Analysing Tools in Six Sigma in SMEs in Bengaluru	HBRP Publication, Journal of Advancements in Software Engineering and Testing (JASET), Vol 1, Issue 1, Sept 2018
52.	Mr. Krishna Gudi	Smart Restaurant	International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 5, May 2019 e-ISSN 2395-0056, p-2395-0072, PP-1033-1036
53.	Mr. Prashanth H S	Cyberbullying Detection	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6, Issue 5, May 2019, ISSN 2349-5162, PP-466-468

INTERNATIONAL CONFERENCE PUBLICATION

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	Mrs. Vijayalaxmi. Mekali	An Fully Automated Cad System For Juxta- Vascular Nodules Segmentation In Ct Scan Images	International Conference On Computing Methodologies And Communication (ICCMC), 27-29 Mar 2019, IEEE, DOI : 10.1109/ ICCMC.2019.8819677
2	Mr. Aditya Pai H	Analysis Of Causes And Effects Of Longer Lead Time In Software Process Using FMEA	International Conference On Emerging Trends In Science & Technologies For Engineering Systems, SJCIT, 17-05- 2019 & 18-05-2019
		Roc Structure Analysis Of	International Conference On Emerging

3	Mr. Aditya Pai H	Lean Software Development In Sme's Using Mathematical Chaid Model	Trends In Science & Technologies For Engineering Systems, SJCIT, 17-05- 2019 & 18-05-2019
4	Mrs. Swathi K	Analyzing the Adaptability of Software Defect Prediction in Small Software Firms	International Conference on Emerging Trends in Science and Engineering (ICETSE) , International Journal of Recent Technology and Engineering (IJRTE), May-2019, ISSN 2277-3878
NATIONAL CONFERENCE PUBLICATION			
Sl. No	**Name of the Faculty**	**Title of the paper**	**Title of Conference, Place, Date, ISSN/ISBN**
1	Mr. Aditya Pai H	Domain Adaptation for medical Image segmentation using sar Adversarial Medical Image	Recent Advances in Engineering, Technology & Science National Conference, May 2018-19 Vol -1
2	Mr. Aditya Pai H	Medical Image segmentation use neural network for novel domain variations framework.	Recent Advances in Engineering, Technology & Science National Conference, May 2018-19 Vol- 1
3	Mr. Aditya Pai H	Feature extraction & analysis of MRI Images for Brest cancer.	Recent Advances in Engineering, Technology & Science National Conference, May 2018-19 Vol- 1
4	Mr. Aditya Pai	Comparative study &analysis of Security Mechanism in IOT.	Recent Advances in Engineering, Technology & Science National Conference, May 2018-19 Vol - 1

B. Ph.D Guided/Awarded during the assessment period while working in the Institute

The faculty of the CSE department are actively engaged in research in the areas of Machine Learning, Cryptography, IoT, Artificial Intelligence, Image Processing, Software Engineering, Networking etc.

- 2 Guides are guiding 10 Research Scholars.
- 5 Faculty members out of 23 have doctoral degrees
- 4 members are pursuing Ph. D in various universities.

Table 5.7.1.2-B1: Ph.D. awarded during the assessment period while working in CSE Department R & D Center in the Institute

Sl. No.	Faculty Guiding	Sl. No.	Name of the Research Scholar	Title of Thesis	Year of Registration	Date of Award
1	Dr. Naveen N.C	1	P. Priyanga	A Framework for Health Analytics Using Machine Learning Techniques.	2013	13/01/2020
2	Dr. S. Swapna Kumar	1	Sangeetha. V	Strategic Decision making modeling for mitigating uncertain security threats in MANET	2013	15/06/2019
		2	Vaneeta M	Novel Key Distribution and Security Framework for Node level Communication for Wireless Sensor Networks	2015	04/06/2021

Table 5.7.1.2-B2: Ph.D. awarded during the assessment period while working in another R & D Center / University

Sl. No.	Name of the Research Scholar	Name of the University	Title of Thesis	Year of Registration	Date of Award
1	Mr. K Venkata Rao	Jain University	Design & Implementation of Robust Model for Small Scale Software Firms	2013	05/08/2021
2	Mrs. Deepa S R	Vellore Institute of Technology	Bio inspired cluster optimization in Wireless Sensor Network	2013	14/09/2020
3	Mrs. Vijayalakshmi M	Visvesvaraya Technological University	Medical Image Analysis using computational methods to detect and diagnose cancer tumor.	2013	22/08/2021
4	Mrs. Swathi K	Visvesvaraya Technological University	Exploration Model for Software Defect Prediction to enhance Quality Optimization in small and medium level software firms	2015	24/07/2020
5	Mr. Aditya Pai H	Visvesvaraya Technological University	An exploratory study to reduce lead time in small and medium level enterprises - IT sector	2015	01/02/2021

Table 5.7.1.B1 Ph.D. Guidance during the assessment period while working in the Institute

Sl. No.	Faculty Guiding	Sl. No.	Name of the Research Scholar	Year of Registration	Course Work [Y/N]	Comprehensive Viva	Submitted Final Thesis [Y/N]
1	Dr. Rekha B Venkatapur	1	K K Kavitha	2017	Y	N	N
		2	Raghavendarchar S	2019	N	N	N
		3	M Shanmugam Shoba	2019	N	N	N
		4	Kashika P H	2017	Y	Y	N
		5	T Somashekar	2017	Y	N	N
2	Dr. Dayananda R B	1	Daneswari Noola	2016	Y	Y	N
		2	Uma S Hombal	2016	Y	Y	N
		3	Vaishali Sontakke	2019	N	N	N
		4	Supriya H S	2019	Y	N	N
		5	Swetha P	2016	Y	Y	Awarded

Table 5.7.1.B2 Status of Department Faculty pursuing Ph.D. in other R & D center / University

Sl. No.	Name of the Research Scholar	Name of the University	Year of Registration	Course Work [Y/N]	Comprehensive Viva	Submitted Final Thesis

						[Y/N]
1	Mr. Kushal Kumar B N	VTU, BTLIT &Mgt	2017	Y	N	N
2	Mr. Krishna Gudi	Singhania University, Rajasthan	2016	Y	Y	N
3	Mr. C H Anil Kumar	Bits Pillani	2019	N	N	N

5.7.2. Sponsored Research: (5) *Institute Marks:1.00*

2019-20 (CAYm1)

Project Title	**Duration**	**Funding Agency**	**Amount**
Warehouse Automation Using Drones	1 Month	EngiNX is Tata Consultancy Services	1,00,000
		Total Amount (X)	**1,00,000/-**

2018-19 (CAYm2)

Project Title	**Duration**	**Funding Agency**	**Amount**
Exoskeleton Arm for the differently abled	6 Months	VTU FOSS	5,000
Women security system	6 Months	VTU	5,000
Advanced footstep power generation	6 Months	VTU	5,000
		Total Amount (Y)	**15,000/-**

2017-18(CAYm3)

Project Title	**Duration**	**Funding Agency**	**Amount**
Barcode for dual purpose	6 Months	AICTE, MHRD, Hackathon	3,00,000
Inzone drug remedy	6 Months	KSCST	3,500
The NPS APP	6 Months	KSCST	6,000
Classification Approach of Prediction Model for type 2 Diabetes mellitus of Indian Women's	6 Months	KSCST	3,500
Raithara Bandu	6 Months	KSCST	3,000
Reshmeya Siri	6 Months	VTU	5,000
		Total Amount (Z)	**3,21,000/-**

Cumulative Amount (X+Y+Z) = 4,36,000
Assessment=1 Marks

5.7.3. Development activities (10) *Institute Marks: 6.00*

A. Product Development

Apart from the products/prototypes developed by the students as part of their mini projects and main projects, the faculty members of the department are collaborating with AICTE, MHRD, Government of India under Smart India Hackathon and many more for product development. Following are the details of the products developed by the department faculty:

Table 5.7.3.A1 Product Development Details

Sl. No.	Faculty Name	Product Name
1	Mr. Aditya Pai	Warehouse Automation using Drones

B. Research Laboratory

- The CSE department has a Research Centre affiliated by Visvesvaraya Technological University (VTU).
- 10 Research Scholars have registered under 2 guides.
- The research centre provides required facilities for carrying out research work for scholars and for doing UG projects. Following are the facilities available in the R&D lab:

- **Hardware**

Table 5.7.3.B1 Research Laboratory Hardware details

Sl. No.	Item	Description	Quantity
1.	Computers (Total 7)	HP DESKTOP 110 Series-core i3 3rd Gen/4GB RAM ram/500 GB HDD	4
		HP Desktop 450-011 in core I3 Processor/4GB Ram/500GB Hard Disk/Win8 OS	2
		HP 406 G1 MT core I7 4th Gen Processor 4GB DDR3 Ram/1TB Hard Disk DVD	1
2	Laptops (Total 3)	Dell Laptop Inspiron-CoreI5 5th Gen Processor14GB Ram 500GB Hard Disk	2
		Apple Mac Book Air MQd42hn/a 13 inch Laptop	1
3	Network Storage	Lenovo 1*4-300d Network Storage with 6TB Hard Disk	1
4	Workstation	HP Z230 MT Intel xeon E3-1226v3 3.38M GT2 4C CPU 4GB DDR3-1600 NECC (1*4GB) RAM 1TB 7200 RPM SATA 1st HDD No ODD Intel HD Graphics P4600	1

5	Galileo Boards	Intel Galileo Boards	10
6	Barcode Scanner	Honeywell voyager 1452g(2d) Omni directional Barcode Scanner (Handled)	1
7	Printer	HP All in One Printer 1213NF	2
8	Interactive panel	Interactive Panel (Make & Model: B&S Media JPM T19 19"	2
9	Microcontroller Kits	ARM7 LPC 2148	10

- **Software**

Table 5.7.3.B2: Software in R&D and Project Laboratories

Sl. No.	Software	Description
1	Wireshark	Packet analyzer, used for network troubleshooting
2	Oracle	It's a multi model database management system
3	MongoDB	Cross platform document oriented database program
4	JAVA	Object oriented programming language
5	Anaconda	Free and open source distribution of python and R programming languages for scientific computing
6	Code Block	Is a cross platform IDE built around wxWidgets , designed to be extensible and configurable

Table 5.7.3.B2: E-Resources Details

SL No.	Publishers	E-Portal
1.	Elsevier-Science Direct e-Journals	www.sciencedirect.com
2.	Springer Nature e-Journals	https://link.springer.com/
3.	Taylor and Francis e-Journals	https://www.tandfonline.com/
4.	K-Nimbus (Digital Library Platform and Remote Access Solution)	https://ksitb.new.knimbus.com/
5.	Elsevier- E books	https://www.sciencedirect.com/
6.	Taylor and Francis e-Books	https://www.tandfonline.com/
7.	McGraw Hill Education E-Books	http://mcgrawhilleducation.pdn.i publishcentral.com/
8.	New Age International e-books	http://www.newagepublishers.co m/servlet/nahome
9.	K-Nimbus (Digital Library Platform and Remote Access	https://ksitb.new.knimbus.com/

	Solution)	
10.	Packt e-Books	https://prod.packtpub.com/in/
11.	Springer Nature	https://link.springer.com/
12.	Turnitin (similarity check tool)	

Table 5.7.3.B3 Ph.D. Registrations under R & D Centre, CSE Dept, KSIT, Affiliated to VTU

Sl.No.	Year of Registration	Name of Scholar	Guide	Title
1	2012	Mrs.Savitha S.K.	Dr.Naveen N.C	Novel Image Processing Methods, for Abnormality and disease detection in digital chest radiography
2	2013	Mrs.Sangeetha .V	Dr.S.Swapna Kumar	Strategic Decision making modeling for mitigating uncertain security threats in MANET
3	2013	Mrs.P.Priyanga	Dr.Naveen N.C	A Framework for Health Analytics Using Machine Learning Techniques.
4	2015	Mrs.Vaneeta M	Dr. S. Swapna Kumar	Novel Key Distribution and Security Framework for Node level Communication for Wireless Sensor Networks
5	2017	Mrs. K K Kavitha	Dr.Rekha B Venkatapur	An Effective Method for Progressive image Transmission using perceptual region of Interest
6	2019	Mr. Raghavendarchar S	Dr.Rekha B Venkatapur	Unsupervised Auto Encoder based Detection of nutrition deficiency in Indian Mulberry leaves
7	2019	Mrs. M Shanmugam Shoba	Dr.Rekha B Venkatapur	An Enhancement for Quantum Resistant Blockchain through post Quantum Digital signature scheme.
8	2017	Kashika P H	Dr. Rekha B Venkatapur	A Survey on Motion Detection for Moving Objects of Panoramic Video Frames Using Multiple Surveillance Cameras
9	2017	T Somashekar	Dr.Rekha B Venkatapur	Developing Techniques For Green Software Engineering
10	2016	Mrs. Daneswari Noola	Dr.Dayananda R B	Techniques for Disease Identification in Red Gram Crop using Image Processing.
11	2016	Mrs. Uma S Hombal	Dr.Dayananda R B	Design of Cloud Architecture for secured compressed medical image storage and retrieval.
12	2019	Mrs. Vaishali Sontakke	Dr. Dayananda R B	Dynamic Memory Management and Efficient Resource Awareness Scheduling for Intensive dAta Application on Clouds
13	2019	Mrs. Supriya H S	Dr.Dayananda R B	Design and Development of an architectural framework for big data analytics
14	2016	Mrs. Swetha P	Dr.Dayananda R B	Big Data Analytics for Telecommunication to predict churn rate using data mining

				techniques.

Table 5.7.3.B4 Status of Research Scholars

Sl. No.	Name of the Research Scholar	Year of Registration	Course Work [Y/N]	Comprehensive Viva	Submitted Final Thesis [Y/N]	Ph.D Awarded
1	Savitha S.K.	2012	Y	Y	Y	Y
2	Sangeetha.V	2013	Y	Y	Y	Y
3	P.Priyanga	2013	Y	Y	Y	Y
4	Vaneeta M	2015	Y	Y	Y	Y
5	K K Kavitha	2017	Y	N	N	N
6	Raghavendarchar S	2019	N	N	N	N
7	M Shanmugam Shoba	2019	N	N	N	N
8	Kashika P H	2017	Y	Y	N	N
9	T Somashekar	2017	Y	N	N	N
10	Daneswari Noola	2016	Y	Y	N	N
11	Uma S Hombal	2016	Y	Y	N	N
12	Vaishali Sontakke	2019	N	N	N	N
13	Supriya H S	2019	Y	N	N	N
14	Swetha P	2016	Y	Y	Y	Y

C. Instructional Materials

Lecture notes, E-notes, PPTs, teaching aids, expert lectures and videos for every subject are made available on pupil pod/Google drives and the links are made available on the college website for reference by the students and other faculty.

Instructional Materials

https://drive.google.com/drive/folders/1B-8z2Fjc0mSl1ZTw6dO7VC9edcsdnIY-?usp=sharing

Table 5.7.3.C1 List of Lab Manuals

Sl. No	Name of Faculty	Name of the Lab manual	Subject code
1.	Mr.Harshavardhan J R, Mr.Kushal Kumar B N, Mr. Prashanth H S	C Programming Laboratory	18CPL17/27
2	Mr.Harshavardhan J R, Mr.Kushal Kumar B N, Mr. Prashanth H S	C Programming Laboratory	18CPL17/27
3	Mrs.Deepa S R, Mr.Sanjoy Das	Analog and Digital Electronics Laboratory	18CSL37
4	Mr. K VenkataRao, Mrs.Vaneeta, Mrs.Vijayalashmi, Mr.Raghavendrachar S, Mrs. Ranjitha	Data Structure Laboratory	18CSL38
5	Mr. K VenkataRao, Mrs.Vijayalashmi, Mr.Raghavendrachar S	Design and Analysis of Algorithm Laboratory	18CSL47
6	Mr. Sanjoy Das, Mr. Roopesh Kumar B N	Microcontroller and Embedded Systems Laboratory	18CSL48
7	Mr. Roopesh Kumar B, Mr.Kushal Kumar B N, Mr. Krishna Gudi, Mrs. Swapna	Computer Networks Lab	18CSL57
8	Mrs. Sougandhika N, Mr. Kumar K, Dr.	Database Management Lab	18CSL58

	Dayananda R B, Mr. Prashanth H S	with mini project	
9	Mrs. Deepa S R, Mr. Kumar K, Mr.Kushal Kumar B N, Mr.Aditya Pai H	System Software Laboratory	18CSL66
10	Dr. Dayananda R B, Mrs.Sougandhika N, Mr. Sanjoy Das	Computer Graphics and Visualization Lab	18CSL67
11	Mr.Harshavardhan J R, Mr. Prashanth H S, Mrs. Beena K	Mobile Application Development	18CSL68
12	Mrs. Deepa S R, Mrs. Beena K	Artificial Intelligence and Machine Learning Lab	18CSL76
13	Mrs. Deepa S R, Mr. Sanjoy Das	Analog& Digital Laboratory	17CSL37
14	Mr. K VenkataRao, Mr. Raghavendrachar S, Mrs. Vijayalaxmi. Mekali	Data Structures Lab	17CSL38
15	Mr. K VenkataRao, Mr. Raghavendrachar S, Mrs. Vijayalashmi M, Mr. Pradeep K R	Analysis and Design of Algorithm Lab	17CSL47
16	Mr. Roopesh Kumar B N, Mrs. Ashwini, Mr. Prashanth H S, Mrs. Sougandhika N	Microprocessor and Microcontroller Lab	17CSL48
17	Mrs. Sangeetha V	Computer Networks Lab	15CSL57
18	Mrs. Sougandhika N,	Database Management Lab with mini project	15CSL58
19	Dr.Rekha B Venkatapur, Mrs.Deepa S R, Mr. Krishna Gudi, Mrs.Sangeetha V	System Software & Operating System Lab	15CSL67
20	Mrs.Sougandhika N	Computer Graphics and Visualization Lab	15CSL68
21	Mrs.Vaneeta M, Mrs.Priyanga P, Mr.Pradeep K R, Mr.Pradeep Kumar G H	Machine Learning Lab	15CSL76
22	Mr.Pradeep K r , Mr.Aditya Pai H, Mrs.Swathi k	Web Technology with mini project Lab	15CSL 77

D. Working models/charts/monograms etc.

Table 5.7.3.D1 List of Lab Charts

Sl. No.	Name of Faculty	Title	Working Model /charts/monograms
1.	Mrs. Sangeetha V	OSI Reference Model, Client Server Socket API	Computer Networks Lab Chart
2.	Mr. Pradeep Kumar G H	Web Technology Development Life Cycle	Web Technology Lab Chart
3.	Mrs. Sangeetha V	Layered structure of operating system, Phases of complier design	SS & OS Lab Chart
4.	Dr. Dayananda R B	Viewing Pipeline	CG Lab Chart
5.	Mrs. Sougandhika N	Parallel Projection, Perspective projection	CG Lab Chart
6.	Mrs. Sougandhika N	DBMS Architecture	DBMS Lab Chart
7.	Mrs. Priyanga P	Type of Machine Learning	Machine Learning Lab Chart
8.	Mr. Raghavendrachar S	Classification of Data Structures, Operations linear queue, stack and representation of SLL, DLL & Binary Tress.	Data Structure Lab Chart
9.	Mr. Raghavendrachar S	Asymptotic Notations, Time Complexity comparison of sorting algorithms	Design & Analysis of Algorithms lab Chart

10.	Mr.Harshavardhan J R	Structure of a C program, Computer hardware and software components, Algorithm and flowchart	C Programming Lab Chart
11.	Mr. Sanjoy Das	PIN Diagram,	EC LD Lab Chart
12.	Mr. Sanjoy Das	8086 Architecture	Microprocessor Lab Chart

5.7.4. Consultancy (From Industry): (5) *Institute Marks: 5.00*

2019-20 (CAYm1)

Sl. No.	Project Title	Duration	Funding Agency	Amount
1.	Computer Network Course Design	6 Months	Upgrad Education	4,50,000/-
			Total Amount (X)	**4,50,000/-**

2018-19 (CAYm2)

Sl. No.	Project Title	Duration	Funding Agency	Amount
1.	Evaluate Network Architecture from Efficiency and Security Perspective	1 Year	One97 Communication Limited (Paytm)	7,01,807
2	Workshop on Basics of Cyber Security	2 Days	PES University, Bangalore	20,000
3	Workshop on Joy of Professional Programming Computer Networking	2 Days	Sona College of Technology, Salem	30,000
			Total Amount (Y)	**7,51,807/-**

2017-18 (CAYm3)

Sl.No.	Project Title	Duration	Funding Agency	Amount
NIL				
			Total Amount (Z)	0

Cumulative Amount: X+Y+Z) =12,01,807/-

Assessment Marks=5

5.8 Faculty Performance Appraisal and Development System (FPADS) (30)

Total Marks:25.00

A. *A well-defined system for faculty appraisal for all the assessment years*

Institute Marks:25.00

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 counseling
- 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) If online please indicate.	**1.** **2.** **3.** **4.**	**/40**
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) (Attach Certificate copies)	**1)** **2)**	**/10**
Financial Assistance received during current year for attending FDPs	**Rs.**	**--**
Status of Ph.D. [Attach proof for each stage] (This can be claimed only once during a life time after the PhD is awarded) [Attach proof for every claim] Ph.D. Completed – 10 marks.	**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**
Research Publications: (5 marks each) [Attach copies of Title Page]	**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	**Yes / No** **If yes, 5 marks**	**/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

Template for self appraisal form (2018-19)

KAMMAVARI SANGHAM GROUP OF INSTITUTIONS

STAFF SELF APPRAISAL REPORT

2018-2019

KSIT

[Note for subject taught & Results consider 18 Odd and 19 Even Sem]

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 and percentage pass (use separate sheet if necessary)		
Subjects taught in the Assessment Year and percentage pass (10marks for each x Percentage)	1. 2. 3. 4.	/40

Details of UG Projects Guided (5 marks/ project guided)	1. 2.	/10
Details of PG Projects Guided (5 marks/ project guided)	1. 2.	/10
Additional Inputs given in the class in addition to the syllabus (Give proof and justification) (If applicable)		/5
Guest / Invited Lectures arranged (2marks /lecture) Max 5 marks.		/5
Details of Industrial Visits arranged. (2marks/visit) Max 5 marks.		/5
Number of FDPs attended since joining service (Attach Separate List)		--
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) (Attach Certificate copies)	1) 2)	/10
Financial Assistance received during current year for attending FDPs	Rs.	--
Status of Ph.D. [Attach proof for each stage] (This can be claimed only once during a lifetime after the PhD is	**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**	

awarded) [Attach proof for every claim]	**mark)** **6. Appeared for Course work exams** **7. (1 mark)** **8. Applied for registration formalities (1 mark)** **9. Identified Guide/Research Centre and preparing research Proposal** **10. (1mark.)** **11. Not thought of pursuing Ph.D. (zero)**	/10
Research Publications: (5 marks each) [Attach copies of Title Page]	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	
No. of Research Scholars registered with details		/5
Details of Patents Applied for (If any)		/5
Academic Programs organized and supported during current year. (FDP/Workshop/Seminar / Conference)		/5
Details of programs attended for skill development like MOOCs, MOODLES 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	1) 2)	/5
Additional Responsibilities in the	1)	

Department/ College Example: Head, Coordinator etc.	2)	10
Details of Live Membership for Professional Bodies (IEEE CSI SEA ISTE …..)		/5
Graduation Day Responsibilities. (If any) Please mention your role.		/5
TOTAL		/190

Date: **Signature of faculty**

B. ***Implementation and effectiveness***

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

Table 5.8.B2 Faculty who received appreciation certificates for 100% results

Academic Year 2020-21				
Sl. No	**Name of the Faculty**	**Semester**	**Section**	**Subject**
1	Mr. Krishna Gudi	V	B	Management And Entrepreneurship for IT Industry (18CS51)
2	Mr. Harshavardhan J. R	VIII	A	System Modeling And Simulation (17CS834)
3	Mr.Kumar K	VIII	B	System Modeling And Simulation (17CS834)
Academic Year 2019-20				
Sl. No	**Name of the Faculty**	**Semester**	**Section**	**Subject**

1	Mr.Harshavardhan.J.R	V	A	Advanced Java and J2ee (17CS553)
2	Mr. Aditya Pai.H	V	B	Management And Entrepreneurship for It Industry (17CS51)
3	Mrs. Swathi. K	VII	A	Information And Network Security (15CS743)
4	Mr. Prashanth.H.S	VIII	A	Big Data Analytics (15CS82)
5	Dr. Rekha.B.Venkatapur	VIII	A & B	System Modeling and Simulation (15CS834)
6	Mrs. Ranjitha.K.N	VIII	B	Internet Of Things and Applications(15CS81)
7	Mrs. Beena.K	VIII	B	Big Data Analytics (15CS82)

Academic Year 2018-19

Sl. No	Name of the Faculty	Semester	Section	Subject
1	Mr. Aditya Pai.H	V	A	Management And Entrepreneurship For It Industry (15cs51)
2	Dr. Dayananda.R.B	V	A	Computer Networks (15cs52)
3	Mr. Pradeep Kumar.G.H	V	A&B	Advanced Java & J2ee (15cs553)
4	Mrs. Beena.K	V	A&B	Artificial Intelligence (15cs562)
5	Mr. Raghavendrachar.S	V	A&B	Dot Net Framework For Application Development (15cs564)
6	Mr. Pradeep.K.R	VII	A	Web Technology and Its Applications (15cs71)
7	Mrs. Priyanga.P	VII	A	Machine Learning (15cs73)
8	Mrs. Ashwini	VII	A	Storage Area Networks (15cs754)
9	Mr. Kumar.K	VII	B	Web Technology and Its Applications (15cs71)
10	Dr. Ram.P.Rustagi	VII	B	Machine Learning (15cs73)
11	Mrs. Sougandhika Narayan	VII	B	Information And Network Security (15cs743)
12	Mrs. Swathi.K	VII	B	Storage Area Networks (15cs754)

Academic Year 2017-18

Sl. No	Name of the Faculty	Semester	Section	Subject
1.	Dr. Rekha.B.Venkatapur	I M.Tech		Advances In Operating Systems

2.	Mrs. Renukadevi.S	I M.Tech		Cloud Computing
3.	Mr. Pradeep K.R	IV M.Tech		Machine Learning Techniques
4.	Mr. Roopesh Kumar.B.N	IV M.Tech		Wireless Network And Mobile Computing
5.	Mrs. Sangeetha .V	VII	A & B	Advanced Computer Architectures
6.	Mr. Kumar.K	VII	A	Object-Oriented Modeling And Design (10CS71)
7.	Mr. Roopesh Kumar.B.N	VII A	A	Embedded Computing Systems (10cs72)
8.	Mrs. Priyanga.P	VII	B	Java&J2EE (10cs753)
9.	Mr. Krishna Gudi	V	A	Management And Entrepreneurship For It Industry
10.	Mr. Aditya Pai. H	V	B	Management And Entrepreneurship For It Industry
11.	Mr. Pradeep Kumar. G.H	V	B	Advanced Java & J2EE
12.	Mrs. Renukadevi.S	V	A	Cloud Computing
13.	Ms. Impana.K.P	V	B	Data Base Management System
14.	Mrs. Sangeetha.V	VI	A	Cryptography, Network Security And Cyber Law (15CS61)
15.	Mrs. Swathi.K	VI	B	Cryptography, Network Security And Cyber Law (15CS61)
16.	Mrs. Vaneeta.M	VI	B	Operating Systems (15CS64)
17.	Mr. K. Venkata Rao	VI	A & B	Operations Research (15CS653)
18.	Dr. Rekha. B. Venkatapur	VIII	A & B	System Modeling And Simulation (10CS82)
19.	Mrs. Sougandhika Narayan	VIII	A	Information And Network Security (10CS835)

Table 5.8.B3 Faculty who received registration fee for participation in FDPs/Workshops/ STTPs

Academic Year 2020-21					
Sl. No	**Name of the Faculty**	**Title of FDPs/Workshops/ STTPs**	**Place**	**Duration**	**Amount**
1	Mr. Harshavardhan J R	Mobile Application Development	Cambridge Institute of Technology	8th & 9th March 2021	500
2	Mr. Raghavendrachar S	Mobile Application Development	Cambridge Institute of Technology	8th & 9th March 2021	500

3	Mr. Prashanth H S	Mobile Application Development	Cambridge Institute of Technology	8th & 9th March 2021	500
4	Mrs. Beena K	Mobile Application Development	Cambridge Institute of Technology	8th & 9th March 2021	500
Academic Year 2018-19					
Sl. No	**Name of the Faculty**	**Title of FDPs/Workshops/ STTPs**	**Place**	**Duration**	**Amount**
1	Mr. Pradeep Kumar G H	Indian Technology Innovation & Entrepreneurship Conclave	Reva University	3rd& 4th January 2020	3000
2	Mr. Kumar K	Indian Technology Innovation & Entrepreneurship Conclave	Reva University	3rd& 4th January 2020	3000
3	Mr. Beena. K	Machine Learning FDP	SJBIT, Bengaluru	11th to 13th July 2019	800
Academic Year 2018-19					
Sl. No	**Name of the Faculty**	**Title of FDPs/Workshops/ STTPs**	**Place**	**Duration**	**Amount**
1	Dr. Rekha B Venkatapur	Indian Technology Congress-2018	Nimhans Convention Centre, Bangalore	5th 6th Sept 2018	3,000
2	Mrs. Vaneeta M	Machine Learning	SJBIT Bengaluru	9th July – 14th July 2018	1500
3	Mrs. Priyanga P	Machine Learning	SJBIT Bengaluru	9th July – 14th July 2018	1500
4	Mr. Aditya Pai	Best Paper Award	SJCIT, Bengaluru	17th and 18th May 2019	8000
5	Ms. Ashwini	Two Days Workshop on Internet of Things and Its Applications	VTU Regional Center, Mysore	10th& 11th Dec 2018	1000

Table 5.8.B4 Faculty appreciated for completion of NPTEL Courses

Year	Sl. No.	Name	Platform	Details of Certification	Duration/Date
2020-2021	1	Dr. Rekha. B. Venkatapur	Udemy	Computer Vision with OpenCV and Deep Learning - 3,1,14,7.5, 5.5Hours - 9th,10th, 17th, 18th, 18th May 2020	9th,10th, 17th,18th May 2020
				Learn Computer Vision with OpenCV and Python-7.5 hours Learning Path: OpenCV: Real-Time Computer Vision with Open CV	18th May 2020

				Python for Computer Vision with OpenCV and Deep Learning-14 hours	17th May 2020
				R Language Basics-1 hour	10th May 2020
				Introduction to Data Science - 3 Hours -	9th May 2020
	2	Dr. Ram.P.Rustagi	MathWorks Training Services	Machine Learning with MATLAB	3 Days (20-04-2021)
	3	Mr. Venkata Rao K	Coursera	Introduction to G Suite	26th July2020
	4	Dr. Deepa.S.R	Coursera	Python Data Structures	19th Jan 2021
			Coursera	Programming for Everybody (Getting Started with Python)	04th Aug 2020
			Coursera	Introduction to Machine Learning	27th Jul 2020
	5	Mr. Roopesh Kumar B N	Udemy	The Complete JavaScript Course 2020: Build Real Projects!	28-07-2020
			Coursera	Interactivity with JavaScript	13th Feb 2020
	6	Mr. Kushal Kumar B N	COURSERA	Machine Learning for All	Ongoing
			Udemy	Intellectual Property investor, Entrepreneur, Creators	Ongoing
			Udemy	Start Using Wireshark to Hack like a Pro	16th July 2020
			Coursera	AI For Everyone	09th Dec2020
			Coursera	Structuring Machine Learning Projects	21st Sept 2020
			Coursera	IoT (Internet of Things) Wireless & Cloud Computing Emerging Technologies	25th Sept 2020
			Coursera	Discrete Math and Analysing Social Graphs	10th Jan 2020
	7	Mr.Kumar.K	Coursera	Data Science 4 weeks - Completed Programming for Everybody (Getting Started with Python)	09th Oct2020
2019-2020	1	Mrs.Deepa.S.R	Matlab	1. Onramp-1 day 2. Introduction to Python - 4.5 Hours	29th Jan 2020
	2	Mrs.Vaneeta.M	Coursera	Cryptography- I 6 weeks	28th Sep 2019
	3	Mr.Roopesh Kumar B N	Coursera	Responsive Web Design	08th Jun 2020

			Coursera	Interactivity with JavaScript - 4 Weeks	13th Jan 2020 to 13th Feb 2020
			Udemy	HTML & CSS Tutorial and Projects - 44.5 Hrs	23rd Dec 2019
	4	Mr. Kumar.K	Coursera	Data Science 4 weeks	31st Aug 2019
	5	Mr. Pradeep Kumar.G.H	Udemy	12.5 hours of Become an Android developer from scratch	2nd June 2020
			Udemy	The Complete React Developer Course (W/ Hooks and Redux) &React Framework- 4weeks	21st Dec 2019
			Coursera	Bootstrap 4 (front end web development)-4weeks	31st July 2019
			Coursera	Angular JS - 4 weeks	12th Jun 2019
	6	Mr.Raghavendrachar S	Udemy	Python Programming Masterclass - 46.5 Hours	23rd Dec 2019
	7	Mr.Prashanth.H.S	Udemy Udemy	React Framework	23rd Dec 2019
			Coursera	Machine Learning -3 Months	22nd Jan 2019
			Coursera	Boofstrap 4 -4 weeks	16th Jan 2019
	8	Mr.Ranjitha.K.N	NPTEL	Python Data Structures	18th Jun 2020
				Natural Language processing- 8 weeks	Jul-Oct 2019
				Natural Language Processing - 12 Weeks(FDP)	Jul-Oct 2019
				Python for data science - 4 weeks	22-Jul-19
	9	Mr.Beena.K	NPTEL	Artificial Intelligence - 8 weeks	16th Sep 2019
	10	Mrs.Mamatha R	COURSERA	Programming for Everybody (Getting Started with Python)	21st May 2020
			UDEMY	Python Programming Bootcamp - 3 Hours	31st Jan 2020
	11	Mr.Chillara Anil Kumar	NPTEL	Advanced computer Architecture - 8 weeks - completed with 84%	9th Sep 2019
	12	Mrs.Sneha C R	NPTEL	Problem Solving through Programming in C - 12 Week (FDP)	Jul-Oct 2019
2018-2019	1	Mrs.Deepa.S.R	MATLAB	Onramp-1 day	1st Mar 2019
	2	Ashwini	NPTEL	Embedded System Design with ARM	Jan-Mar 2019
			EXCELR	Internet of Things (IoT)	23rd Sept to 19th Oct 2018

5.9 Visiting/Adjunct/Emeritus Faculty etc. (10) Total Marks: 0.00

Nil

6. Facilities and Technical Support (80) Total Marks 69.00

6.1 Adequate and well equipped laboratories, and technical manpower (30)

Total Marks 25.00

Institute Marks 25.00

Sl. No	Name of the Laboratory	Number of students per set up (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.	Lab 1 – 108-OB- I FLOOR ODD SEM Machine Learning Laboratory / DBMS Laboratory	22	Computers- **25** Processor -Core i5 Hard Disk - 500GB RAM -4 GB	Machine Learning Laboratory (7^{th} sem) 6 batches *3hrs =18hrs DBMS Laboratory (5^{th} sem) 3 batches *3hrs =9hrs Total Utilization = 18+9 =27hrs	Mrs.Vimala Kumari V	Programmer	M. Sc in CSE
2.	Lab 2 – 109-OB- I FLOOR ODD SEM Computer Network Laboratory	21	Computers - **25** Processor -Core i5 Hard Disk - 320 GB RAM -4 GB	Computer Network Laboratory (5^{th} sem) 6 batches *3hrs Total Utilization =18hrs	Mrs. Divya R.G	Instructor	BCA, Diploma in CSE
3.	Lab 3 – 301-OB III FLOOR ODD SEM Data Structures Laboratory	23	Computers- **26** Processor - Core 2 DUO Hard Disk - 160GB RAM -2 GB Lenovo Computers - 0**2** Processor - Core i5 Hard Disk -320 GB	Data Structures Laboratory - (3^{rd} sem) 6 batches *3hrs Total Utilization =18hrs	Mrs. Geetha T	Instructor	B. E in CSE, Diploma in CSE

			RAM -4 GB HP Computers-0**2** Processor - Core i5 Hard Disk -500GB RAM- 4 GB		
4.	Lab 4 - 303-OB III FLOOR Web Technology Laboratory / DBMS Laboratory	22	Computers-**28** Processor -Core i5 Hard Disk - 500GB RAM -4 GB	Web Technology Laboratory (7^{th} sem) 6 batches *3hrs =18hrs DBMS Laboratory (5^{th} sem) 3 batches *3hrs =9hrs Total Utilization = 18+9 =27hrs	Mrs. Lokamani | Instructor | B. E in E&C Diploma in E&C
5.	Lab 5 – 304-OB III FLOOR ODD SEM Analog And Digital Electronics Laboratory	23	Computers - **25** Processor - Core 2 DUO Hard Disk - 160GB RAM-2 GB Digital IC trainer Kits-10, FALCON CRO -06, APLAB CRO - 04	(Analog And Digital Electronics Laboratory (3^{rd} sem) 6 batches *3hrs **Total Utilization** =**18hrs**	Mr. Om Prakash | Assistant Foreman | Diploma in Electrical
6.	Lab 6 – 309-NB III Floor ODD SEM Computer Programming Laboratory	25	Computers - **30** Processor- Core i5 Hard Disk - 320GB, RAM- 4GB	Computer Programming Laboratory - (1^{st} sem) 9 batches *3hrs Total Utilization =27hrs	Mr. Babu G | Instructor | Diploma in CSE
7	Lab 7 – 105-NB I FLOOR ODD SEM Mobile Application Development Laboratory	22	Computers-25 Processor-Core i5 Hard Disk - 1TB, RAM- 8GB	(6^{th} sem) 6 batches *3hrs Total Utilization =18hrs	Mrs. Akshatha | Instructor | Diploma in E&C
8	Lab 1 – 108-OB I FLOOR EVEN SEM Project Work	24	Computers-**25** Processor -Core i5 Hard Disk - 500GB	Project Work (8th sem) 6 batches*3hrs Total Utilization	Mrs.Vimala Kumari V | Programmer | M.Sc in CSE

			RAM -4 GB	=18hrs	
9	Lab 2 – 109-OB I FLOOR EVEN SEM Project Work	24	Computers - **25** Processor -Core i5 Hard Disk - 320 GB RAM -4 GB	Project Work (8th sem) 6 batches *3hrs Total Utilization =18hrs	Mrs. Divya R.G | Instructor | BCA, Diploma in CSE
10	Lab 3 – 301-OB III FLOOR EVEN SEM Design And Analysis Of Algorithm Laboratory/ System Software and Operating System Laboratory	23	Computers- **26** Processor - Core 2 DUO Hard Disk - 160GB RAM -2 GB Lenovo Computers - 0**2** Processor - Core i5 Hard Disk -320 GB RAM -4 GB HP Computers- 0**2** Processor - Core i5 Hard Disk -500GB RAM- 4 GB	Design And Analysis Of Algorithm Laboratory – (4^{th} sem) 6 batches *3hrs Total Utilization =18hrs System Software and Operating System Laboratory (6^{th} sem) 3 batches *3hrs Total Utilization =9hrs	Mrs. Geetha T | Instructor | B. E in CSE, Diploma in CSE
11	Lab 4 – 303-OB I FLOOR EVEN SEM Computer Graphics Laboratory	21	computers- **28** processor - core i5 hard disk -500gb ram-4 gb	Computer Graphics laboratory (6^{th} sem) 6 batches *3hrs total utilization =18hrs	Mrs. Lokamani | Instructor | B. E in E&C Diploma in E&C
12	Lab 5 – 304-OB III FLOOR EVEN SEM Microcontroller and Embedded System Laboratory/ System Software and Operating System Laboratory	23	processor - core 2 duo hard disk - 160gb ram –2 gb • microcontroller kit-**20** als – sda – arm7 -06 arm7 2148	microcontroller and embedded system laboratory (4^{th} sem) 6 batches *3hrs =18hrs total utilization = 18hrs	Mr. Om Prakash | Assistant Foreman | diploma in electrical
13	Lab 6 – 309-NB III Floor ODD SEM Computer Programming Laboratory	25	Computers - **30** Processor- Core i5 Hard Disk - 320GB, RAM- 4GB	Computer Programming Laboratory - (2^{nd} sem) 9 batches *3hrs Total Utilization =27hrs	Mr. Babu G | Instructor | Diploma in CSE

14	Lab 7 – 105-NB I FLOOR Mobile Application Development Laboratory	10	Computers-25 Processor-Core i5 Hard Disk - 1TB, RAM- 8GB	(7^{th} sem) 1 batches *3hrs Total Utilization =3hrs	Mrs. Akshatha | Instructor | Diploma in E&C

6.2. Additional facilities created for improving the quality of learning experience in laboratories (25) **Total Marks 20.00**

Institute Marks: 20.00

Sl No.	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/ PSOs
1.	NS2 simulator	Discrete event simulator for networking research	To provide a platform to Students/Researchers to work in network area	Based on requirement	Networking	PO1, PO2, PO3, PO4 PO5, PO9, PO11 PSO1, PSO2
2.	Anaconda	Free and open source distribution of python and R programming languages for scientific computing	To provide a platform to Students and Researches to develop Applications	Based on requirement	Data analytics, AI, Machine learning	PO1, PO2, PO3, PO4 PO5, PO9, PO11 PSO1, PSO2
3.	Wireshark	Packet analyzer, used for network troubleshooting	To provide a platform to Students/Researches for network analysis, simulation along with communication protocol development and education	Based on requirement	Network	PO1, PO2, PO3, PO4 PO5, PO9, PO11 PSO1, PSO2
4.	Oracle	It's a multi model database management system	To provide a platform to Students/Researcher for database study	Based on requirement	Database development	PO1, PO2, PO3, PO4 PO5, PO9,

						PO11 PSO1, PSO2
5.	MongoDB	Cross platform document oriented database program	To provide a platform to Students for developing projects	Based on requirement	Data storage	PO1, PO2, PO3, PO4 PO5, PO9, PO11 PSO1, PSO2
6.	JDK	Object oriented programming language	To provide a platform to Students for developing projects	Based on requirement	Server side applications, ecommerce and web applications	PO1, PO2, PO3, PO4 PO5, PO9, PO11 PSO1, PSO2
7.	Visual Studio	Comprehensive IDE platform	To provide a The best comprehensive IDE platform to Students to develop .NET, C++, JAVA and web applications	Based on requirement	To learn .NET, C++, JAVA and web applications	PO1, PO2, PO3, PO4 PO5, PO9, PO11 PSO1, PSO2
8.	Android Studio	Application Development	To provide a platform to Students for for building applications on every type of Android device.	Based on requirement	Applications development for Android device	PO1, PO2, PO3, PO4 PO5, PO9, PO11 PSO1, PSO2
9.	NetSim	It is an end-to-end, full stack, packet level network simulator	To provide students with technology development environment for protocol modelling, network R&D	Based on requirement	Networking	PO1, PO2, PO3, PO4 PO5, PO9, PSO1, PSO2
10.	Galileo KITS-35	Microcontroller board, pin compatible with shields designed for arduino Uno R3	Helps Students to work on IOT technology	Based on requirement	Robotics, home automation projects	PO1, PO2, PO3, PO4 PO5, PO9, PSO1, PSO2
11.	Research and Developm ent lab	Computers - 07 Interactive panel - 01 Server RAM – 01 Barcode Scanner – 01 Laptops-03	Researchers and students can work on various technology to participate in international, national and state	Based on requirement	Research and Development	PO1, PO2, PO3, PO4 PO5, PO9, PO11

			level technical events such as Smart India Hackthon, Singapore hackathon. Server: Online submission of any programming assignment. Interactive panel: Teaching Veracity R and D lab is utilized for Internship training conduction			PSO1, PSO2

6.3 Laboratories: Maintenance and overall ambiance (10)

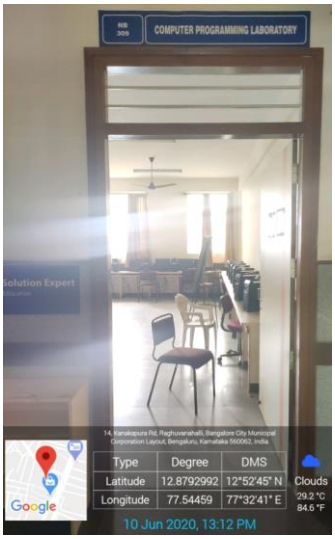
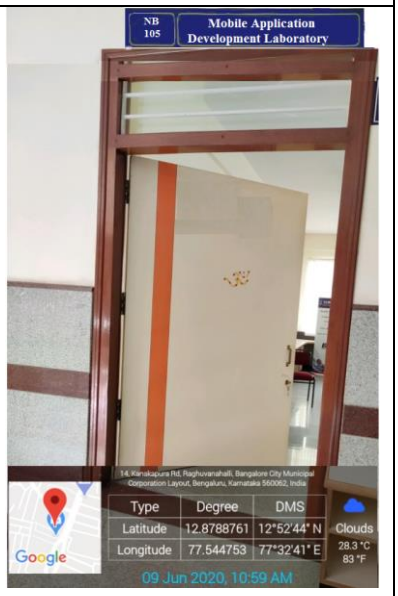
Total Marks 10.00
Institute Marks: 10.00

- All laboratories have dedicated departmental faculty lab in-charge and technical staff for better maintenance. In-house maintenance of each lab is carried out regularly. Overall ambience of the laboratories is also maintained.
- Department of CSE has dedicated faculty In-charges and programmers for all the Labs.

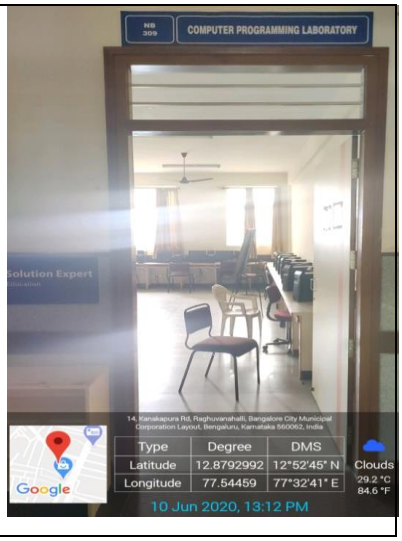
Table 6.3.1 Laboratory Details

ODD SEMESTER						
Sl. No	**Laboratory**	**Sem**	**Faculty In Charge**	**Technical staff In Charge**	**Location**	**Geo Tagged Photos**
1.	Lab 1: Machine Learning Laboratory and DBMS Laboratory	VII/ V	Mrs. Sougandhika Narayan	Mrs.Vimala Kumari V	108-OB I FLOOR	

2.	Lab 2: Computer Network Laboratory	VII/ V	Mr. Krishna Gudi	Mr. Babu G	109 - OB I FLOOR	
3.	Lab 3: Data Structures Laboratory	III	Mr. K Venkat Rao	Mrs. Divya R.G	301 - OB III FLOOR	
4.	Lab 4: Web Technology Laboratory/ DBMS Laboratory	VII/ V	Mr. Harshvardhan J R		303 - OB III FLOOR	
5.	Lab 5: Analog And Digital Electronics Laboratory	III	Mr.Sanjoy Das	Mr. Om Prakash	304 - OB III FLOOR	

6.	Lab 6: Computer Programming Laboratory	I/II	Dr. Deepa S R		309 - NB III FLOOR	
7.	Lab 7: Mobile Application Development Laboratory	VI	Mr. Harshvardhan J R		105-NB I FLOOR	
EVEN SEMESTER						
1.	Lab 1: Project work	VIII	Mrs. Sougandhika Narayan	Mrs.Vimala Kumari V	108-OB I FLOOR	

2.	Lab 2: Project work	VIII	Mr. Krishna Gudi	Mr. Babu G	109 - OB I FLOOR	
3.	Design And Analysis of Algorithm Laboratory and System Software and Operating System Laboratory	IV	Mr. K Venkat Rao	Mrs. Divya R.G	301 - OB III FLOOR	
4.	Computer graphics Laboratory	VI	Mr. Harshvardhan J R		303 - OB III FLOOR	
5.	Microcontroller and embedded system Laboratory/ System Software and Operating System Laboratory	IV	Mr. Sanjoy Das	Mr. Om Prakash	304 - OB III FLOOR	

6.	Lab 6: Computer Programming Laboratory	I/II	Dr. Deepa S R		309 - NB III FLOOR	

Maintenance

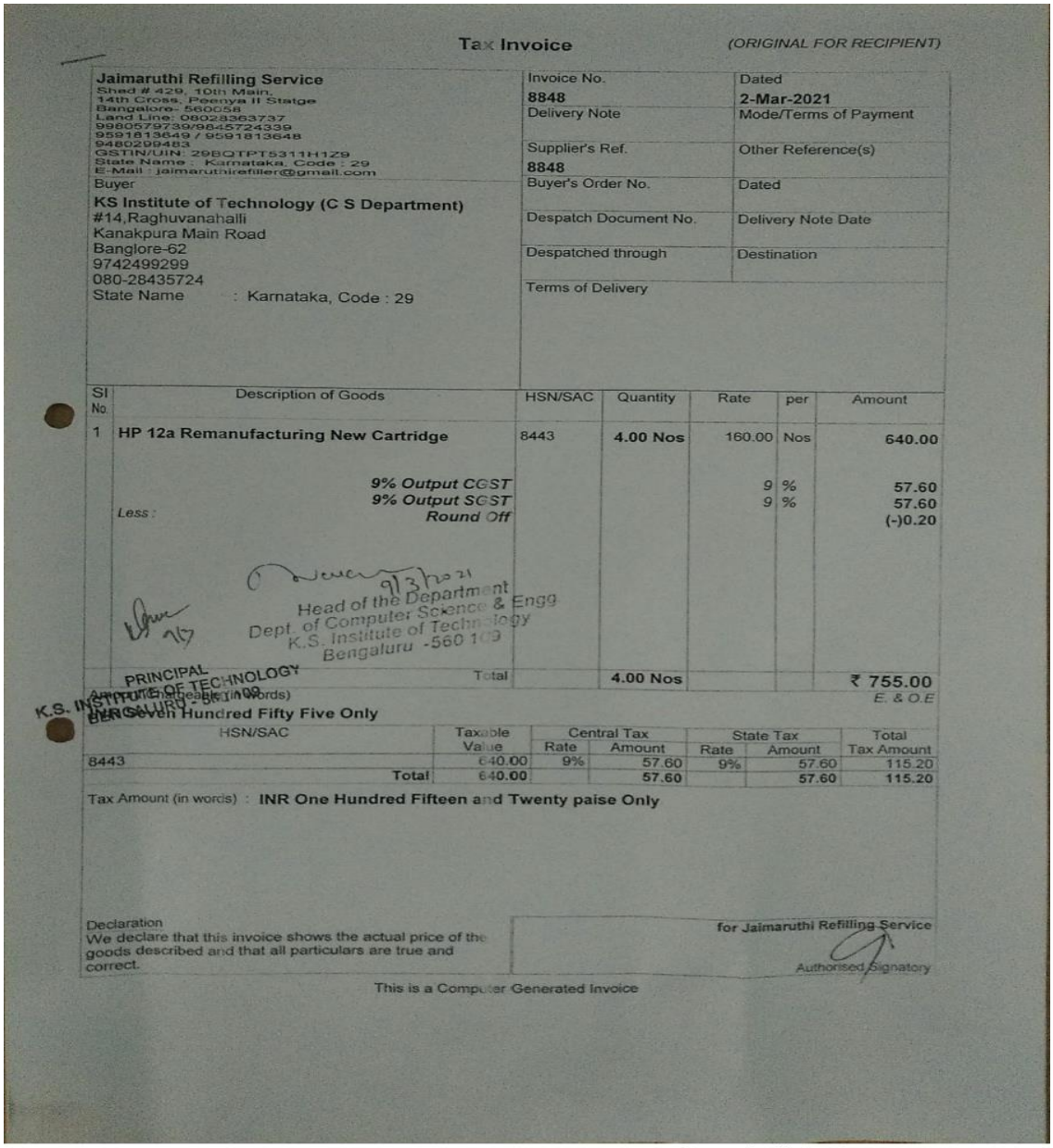
- **Regular Maintenance**
  - Trained Technical Staff are available for maintenance of equipment and software.
  - Software required for every semester are installed at the beginning of the semester by the technical staff of respective lab in the presence of concerned subject faculty
- **Primary Maintenance**
  - Floors are dusted and mopped periodically.
  - Lab tables, chair, systems, peripheral and other components are cleaned and dusted regularly.
  - Chairs along with tables are serviced and maintained 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 lab is informed of any incidence that require his attention
  - Primarily, the technical staff of the respective lab checks if the issue can be sorted at his/her level
  - If not, the incidence is reported to the system admin 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 both the administration and the management.

- A purchase/work order is released to the agency which is identified to do the job.
- The system admin 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 an AMC is out sourced to **Sree Vinayaka Electronics / Vasantha Enterprises**.
- Mother board servicing is done by **MiniTech** and **SS Print solutions**
- Printers servicing and refilling is done by **SS Print solutions and MiniTech Solution**



Tax Invoice (ORIGINAL FOR RECIPIENT)

Jaimaruthi Refilling Service
Shed # 429, 10th Main,
14th Cross, Peenya II Statge
Bangalore- 560058
Land Line: 08023363737
9880579739/9845724339
9591813649 / 9591813648
9480299483
GSTIN/UIN: 29BQTPT5311H1Z9
State Name : Karnataka, Code : 29
E-Mail : jaimaruthirefiller@gmail.com

Buyer
KS Institute of Technology (C S Department)
#14,Raghuvanahalli
Kanakpura Main Road
Banglore-62
9742499299
080-28435724
State Name : Karnataka, Code : 29

Invoice No.	Dated
8848	2-Mar-2021
Delivery Note	Mode/Terms of Payment
Supplier's Ref. 8848	Other Reference(s)
Buyer's Order No.	Dated
Despatch Document No.	Delivery Note Date
Despatched through	Destination
Terms of Delivery	

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	**HP 12a Remanufacturing New Cartridge**	8443	**4.00 Nos**	160.00	Nos	**640.00**
	9% Output CGST			9	%	**57.60**
	9% Output SGST			9	%	**57.60**
	Less : ***Round Off***					**(-)0.20**
	Total		**4.00 Nos**			**₹ 755.00**

E. & O.E

Head of the Department
Dept. of Computer Science & Engg
K.S. Institute of Technology
Bengaluru -560 109

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

Amount Chargeable (in words)
INR Seven Hundred Fifty Five Only

HSN/SAC	Taxable Value	Central Tax Rate	Central Tax Amount	State Tax Rate	State Tax Amount	Total Tax Amount
8443	640.00	9%	57.60	9%	57.60	115.20
Total	**640.00**		**57.60**		**57.60**	**115.20**

Tax Amount (in words) : **INR One Hundred Fifteen and Twenty paise Only**

Declaration
We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

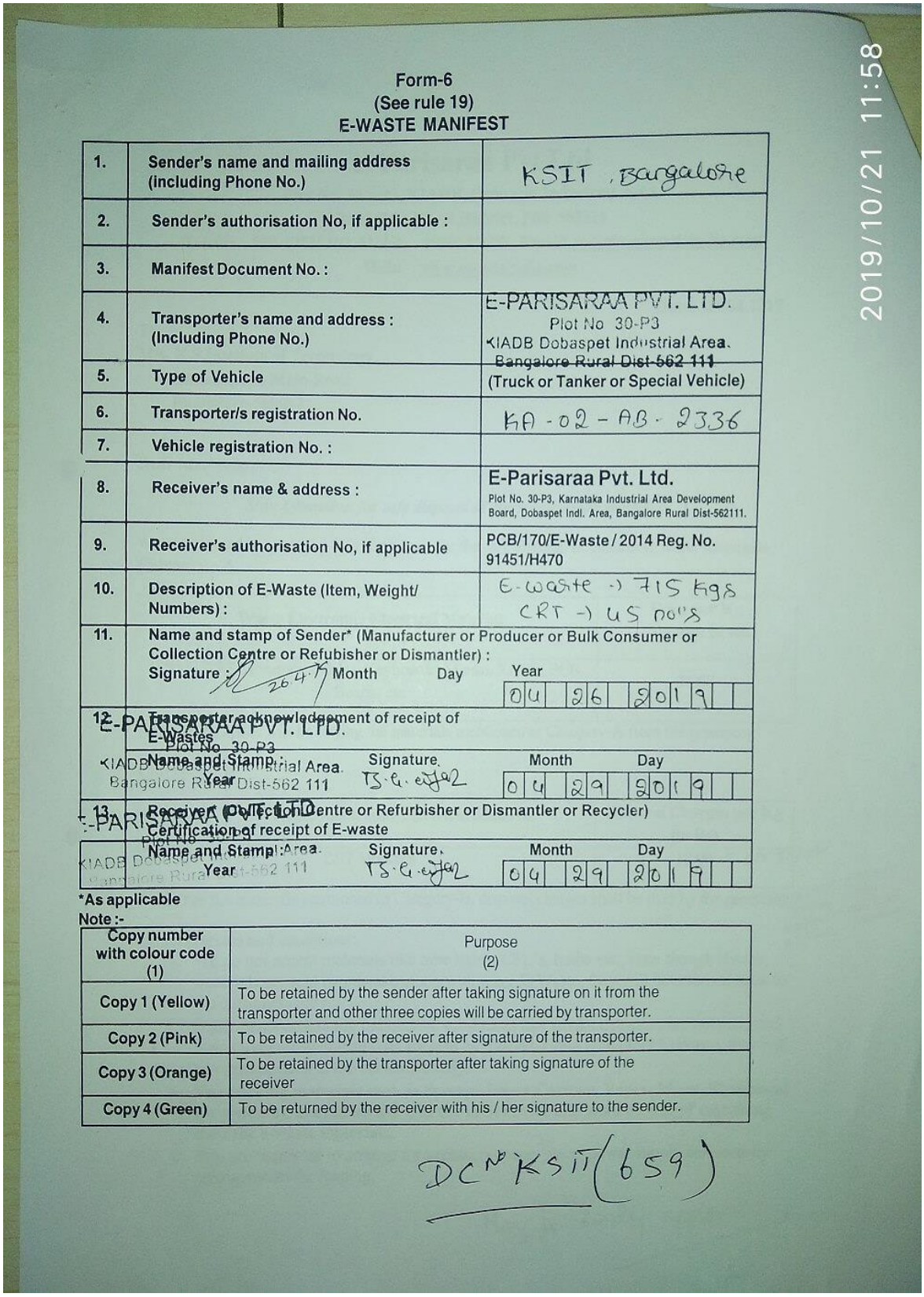
for Jaimaruthi Refilling Service
Authorised Signatory

This is a Computer Generated Invoice

Scanned with CamScanner

Fig 6.3.1: Document for lab maintenance

The system admin, technical lab in-charge along with mechanic will identify all the unserviceable equipment and categorize them as **e-Waste** that is periodically handed over to "E-Parisaraa Pvt Ltd", which is a government authorized electronic waste recycler.



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-562 111
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, Karnataka Industrial Area Development Board, Dobaspet Indl. 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 Refubisher or Dismantler) : Signature : Month Day Year	04 26 2019
12.	Transporter acknowledgement of receipt of E-Wastes Name and Stamp : E-PARISARAA PVT. LTD. Plot No. 30-P3 KIADB Dobaspet Industrial Area. Bangalore Rural Dist-562 111 Signature. Month Day Year	04 29 2019
13.	Receiver (Collection Centre or Refurbisher or Dismantler or Recycler) Certification of receipt of E-waste Name and Stamp : E-PARISARAA PVT. LTD. Plot No. 30-P3 KIADB Dobaspet Industrial Area. Bangalore Rural Dist-562 111 Signature. Month Day Year	04 29 2019

*As applicable

Note :-

Copy number with colour code (1)	Purpose (2)
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.

DC No KSIT (659)

2019/10/21 11:58

Fig 6.3.2: Document for safe disposal of e-Waste

- All labs are provided with uninterrupted power supply with aid of UPS which has capacity as mentioned below,

Table 6.3.2 UPS Details in Computer Science and Engineering Department

Sl No	UPS Capacity	Lab Name	Location	No of systems Supported by UPS
1.	25KVA	**Lab1:** Machine Learning Laboratory and DBMS Laboratory/Project Work and **Lab2:** Computer Network Laboratory/Project Work	**Lab1:** 108-OB I FLOOR **Lab2:** 109-OB I FLOOR	**Lab1:** 25 **Lab2:** 25
2.	25KVA	**Lab3**: Data Structures Laboratory / Design And Analysis of Algorithm Laboratory and System Software and Operating System Laboratory sharing with TCE	**Lab3:** 301-OB III LOOR	**Lab3:** 26
3.	25KVA	**Lab4**: Web Technology Laboratory / DBMS Laboratory/ Computer graphics Laboratory and **Lab5:** Analog And Digital Electronics Laboratory / Microcontroller and embedded system Laboratory/ System Software and Operating System Laboratory	**Lab4:** 303-OB III Floor **Lab5:** 304-OB III FLOOR	**Lab4:** 28 **Lab5:** 25
4.	30 KVA	**Lab6:** Computer Programming Laboratory sharing with computer center	**Lab6:** 309 –NB III FLOOR	**Lab6:** 30
5.	30 KVA	**Lab7:** Mobile Application Development Laboratory	**Lab6:** 105- NB I FLOOR	**Lab7:** 25
6.	30 KVA	R and D	305- NB III FLOOR	**15**

Overall ambience

- Department has fully furnished State of Art laboratories with well-equipped equipments such as computers with LAN connectivity, projectors and printers. Computers are installed with required software (licensed/open source) to run program specific curriculum as well as off program curriculum.
- The Labs are well designed with sufficient number of windows for ventilation and natural light. Along with adequate number of Fans, LED Lights and curtains
- White/black board, Notice boards, Display boards, Instruction Boards (Do's and Dont's), Experiment charts, Lab programs lists, Lab Layouts, Vision and Mission board, PEO and PSO board are displayed in all laboratories. Laboratory manuals are maintained in all laboratories.
- Exclusively, a project lab has been provided for the students to carry out their

mini and major project work in free hours.

- The laboratories also contain Shoe Racks and Bag Racks for student convenience.
- **Lab1:** Machine Learning Laboratory and DBMS Laboratory/Project Work with the **total area of 108 sq ft**
- **Lab2:** Computer Network Laboratory/Project Work with the **total area of 108 sq ft**
- **Lab3:** Data Structures Laboratory / Design And Analysis Of Algorithm Laboratory and System Software and Operating System Laboratory with the **total area of 83 sq ft**
- **Lab4:** Web Technology Laboratory / DBMS Laboratory/ Computer graphics Laboratory with the **total area of 113 sq ft**
- **Lab5:** Analog And Digital Electronics Laboratory / Microcontroller and embedded system Laboratory/ System Software and Operating System Laboratory with the **total area of 136 sq ft**
- **Lab6:** Computer Programming Laboratory with the **total area of 118.5 sq ft**
- **Lab7:** Mobile Application Development Laboratory with the **total area of 82 sq ft**
- Research Laboratory with the **total area of 82 sq ft**
- CSE Project work Laboratory **total area of 94.2 sq ft**

Lab 1: Machine Learning Laboratory and DBMS Laboratory/Project Work

Computer Specification

No of Computers: 25

Table 6.3.3 Computer Specifications of Lab 1

Sl.No	Equipment	Specification
1	Company Name	HP
2	CPU Model	PRODESK 600 G1
3	Processor	Core i5
4	Speed	3.3 GHz
5	RAM	4 GB
6	Hard Disk	500GB
7	Monitor	18.5” LCD

Lab 2: Computer Network Laboratory/Project Work

Computer Specification

No of Computers: 25

Table 6.3.4 Computer Specifications of Lab 2

Sl.No	Equipment	Specification
1	Company Name	Lenovo think centre
2	CPU Model	M81
3	Processor	Core i5
4	Speed	3.10 GHz
5	RAM	4 GB
6	Hard Disk	320 GB
7	Monitor	18.5 " TFT

Lab 3: Data Structures Laboratory / Design and Analysis of Algorithm Laboratory and System Software and Operating System Laboratory

Computer Specification

No of Computers: 26

Table 6.3.5 Computer Specifications of Lab 3

Sl.No	Equipment	Specification
1	Company Name	HP, HP, Lenovo
2	CPU Model	HP Compaq: DX KL969AV-22, HP 280: G2 MT- 02, Lenovo: M72E- 02
3	Processor	HP Compaq: DX KL969AV -Core 2 DUO, : HP 280: G2 MT- Core i5, Lenovo M72E-Core i5
4	Speed	HP Compaq: DX KL969AV -2.8 GHz, HP 280: G2 MT -3.2 GHz, Lenovo: M72E-3.2 GHz
5	RAM	HP Compaq: DX KL969AV -2 GB, HP 280: G2 MT - 4 GB, Lenovo: M72E-4 GB
6	Hard Disk	HP Compaq: DX KL969AV -160 GB,

		HP 280: G2 MT- 500GB Lenovo: M72E-320 GB,
7	Monitor	18.5 " TFT

Lab 4: Web Technology Laboratory / DBMS Laboratory/ Computer graphics Laboratory

Computer Specification

No of Computers: 28

Table 6.3.6 Computer Specifications of Lab 4

Sl.No	Equipment	Specification
1	Company Name	HP
2	CPU Model	HP 280 G2 MT
3	Processor	Core i5
4	Speed	3.2 GHz
5	RAM	4 GB
6	Hard Disk	500GB
7	Monitor	18.5 "TFT

Lab 5: Analog And Digital Electronics Laboratory / Microcontroller and embedded system Laboratory/ System Software and Operating System Laboratory

Computer Specification

No of Computers: 25

Table 6.3.7 Computer Specifications of Lab 5

Sl.No	Equipment	Specification
1	Company Name	Lenovo
2	CPU Model	Core 2 DUO
3	Processor	Core 2 DUO
4	Speed	2.8 GHz
5	RAM	2 GB
6	Hard Disk	160 GB
7	Monitor	17 " TFT

Lab 6: Computer Programming Laboratory

Computer Specification

No of Computers: 30

Table 6.3.8 Computer Specifications of Lab 6

Sl.No	Equipment	Specification

1	Company Name	Lenovo
2	CPU Model	M72e
3	Processor	Core i5
4	Speed	3.2Ghz
5	RAM	4 GB
6	Hard Disk	320 GB
7	Monitor	18.5 “TFT

Lab 7: Mobile Application Development Laboratory

Computer Specification

No of Computers: 25

Table 6.3.9 Computer Specifications of Lab 6

Sl.No	Equipment	Specification
1	Company Name	DELL
2	CPU Model	OPTIPLEX 3080 Tower
3	Processor	Intel Core i5
4	Speed	3.1Ghz
5	RAM	8 GB
6	Hard Disk	1TB GB
7	Monitor	22 “TFT

Software details

Table 6.3.10 Software Details

Sl.No	Software / OS used	Open source / Licensed
1	Windows 8.1 / 10	Licensed
2	DEL SONIC WALL	Licensed
3	QuickHeel (4 users)	Licensed
4	NetSim	Licensed
5	Ubuntu / Kubuntu	Open source
6	Oracle 11 G	
7	Python	
8	JDK	
9	Network Simulator- NS2	
10	Visual Studio	
11	Android Studio	
12	ANACONDA	
14	WireShark	
15	MongoDB	

16	CODEBLOCKS	
17	Xilinx	
18	Keil	
19	Flash Magic	
20	NS2 simulator	

6.4. Project Laboratories (5) **Total Marks 5.00**

Institute Marks: 5.00

1. PROJECT WORK LABORATORY (406 -OB IV FLOOR)

- **Project work laboratory** with the **total area of 94.2 sq ft** is dedicated for all semester students interested to carry out individual or team projects for various competitions like Smart India Hackathon, Toycathon, or any other organizational events, assignment projects, mini projects, Hobby projects etc.
- Students will utilize the lab facility with the help of concerned guides, mentors and technical staff.
- Facilities available in the lab are:

Table 6.4.1: Details of Computers Facility in Project Laboratory

Sl. No	Equipment	Specification
1	Company Name	Lenovo
2	CPU Model	M71e (Total No of Computers-04) M81e (Total No of Computers-04)
3	Processor	Core i5
4	Speed	3.10 GHz
5	RAM	4 GB
6	Hard Disk	320GB
7	Monitor	17” LCD

List of Software

Table 6.4.2: List of Software in Project Laboratory

Sl. No.	Software	Description
1	Wireshark	Packet analyzer, used for network troubleshooting
2	Oracle	It’s a multi model database management system
3	MongoDB	Cross platform document oriented database program
4	JDK	Object oriented programming language
5	Anaconda	Free and open source distribution of python and R programming languages for scientific computing

6	Code Block	Is a cross platform IDE built around wxWidgets , designed to be extensible and configurable
7.	Visual Studio	Comprehensive IDE platform
8.	Android Studio	Application Development

- The Project Lab has dedicated technical staffs - Mrs.Vimala Kumari V to assist students and to contrivance the projects assigned to them.

✓ Project lab is well equipped with LAN connectivity, WiFi and uninterrupted power supply. Dedicated projector is available for lab to aid phase wise project review

✓ With enough output power points, so that the students can bring their own computing devices to work hassle free.

2. Research laboratory (305-NB III FLOOR)

Research laboratory with the **total area of 82 sq ft** is dedicated for all semester students interested to carry out individual or team projects, academic projects for various competitions like Smart India Hackathon, Tycathon or any other organizational events, assignment projects, mini projects, Hobby projects etc.

For the benefit of the students carrying out the project works, a small library **109 books**, **461 reference journal** are made available. Further, project reports (departmental copy) are also placed in this library.

Table 6.4.3: List of Hardware in Research laboratory

Sl. No.	Item	Description	Quantity
1.	Computers (Total 7)	HP DESKTOP 110 Series-core i3 3rd Gen/4GB RAM ram/500 GB HDD	4
		HP Desktop 450-011 in core I3 Processor/4GB Ram/500GB Hard Disk/Win8 OS	2
		HP 406 G1 MT core I7 4th Gen Processor 4GB DDR3 Ram/1TB Hard Disk DVD	1
2	Laptops (Total 3)	Dell Laptop Inspiron-CoreI5 5th Gen Processor14GB Ram 500GB Hard Disk	2
		Apple Mac Book Air MQd42hn/a 13 inch Laptop	1
3	Network Storage	Lenovo 1*4-300d Network Storage with 6TB Hard Disk	1
4	Workstation	HP Z230 MT Intel xeon E3-1226v3 3.38M GT2 4C CPU 4GB DDR3-1600 NECC (1*4GB) RAM 1TB 7200 RPM SATA 1st HDD No ODD Intel HD Graphics P4600	1

5	Galileo Boards	Intel Galileo Boards	10
6	Barcode Scanner	Honeywell voyager 1452g(2d) Omnindirectional Barcode Scanner (Handled)	1
7	Printer	HP All in One Printer 1213NF	2
8	Interactive panel	Interactive Panel (Make & Model: B&S Media JPM T19 19"	2
9	Microcontroller Kits	ARM7 LPC 2148	10

Table 6.4.4: List of Software in Research laboratory

Sl. No.	Software	Description
1	Wireshark	Packet analyzer, used for network troubleshooting
2	Oracle	It's a multi model database management system
3	MongoDB	Cross platform document oriented database program
4	JAVA	Object oriented programming language
5	Anaconda	Free and open source distribution of python and R programming languages for scientific computing
6	Code Block	Is a cross platform IDE built around wxWidgets , designed to be extensible and configurable

3. **Lab1:** Machine Learning Laboratory and DBMS Laboratory/Project Work and **Lab2:** Computer Network Laboratory/Project Work are project laboratory used by final year students to carry out their project work as per academic requirement.

- The Project Labs have dedicated project coordinators - Dr. K. Venkat Rao, Dr. Vaneeta M, and Mr. Raghavendrachar S along with technical staffs - Mrs.Vimala Kumari V and Mrs. Divya R G to assist the final year students and to contrivance the projects assigned to them.

✓ All these labs are well equipped with LAN connectivity, WiFi and uninterrupted power supply. Dedicated projectors are available for each lab to aid phase wise project review

✓ With enough output power points, so that the students can bring their own computing devices to work hassle free.

Project Lab1: Machine Learning Laboratory and DBMS Laboratory/Project Work

Computer Specification

No of Computers: 25

Table 6.4.5: Machine Learning Laboratory and DBMS Laboratory/Project Work

Sl. No	Equipment	Specification
1	Company Name	HP
2	CPU Model	PRODESK 600 G1
3	Processor	Core I5
4	Speed	3.3 GHz
5	RAM	4 GB
6	Hard Disk	500GB
7	Monitor	17" LCD

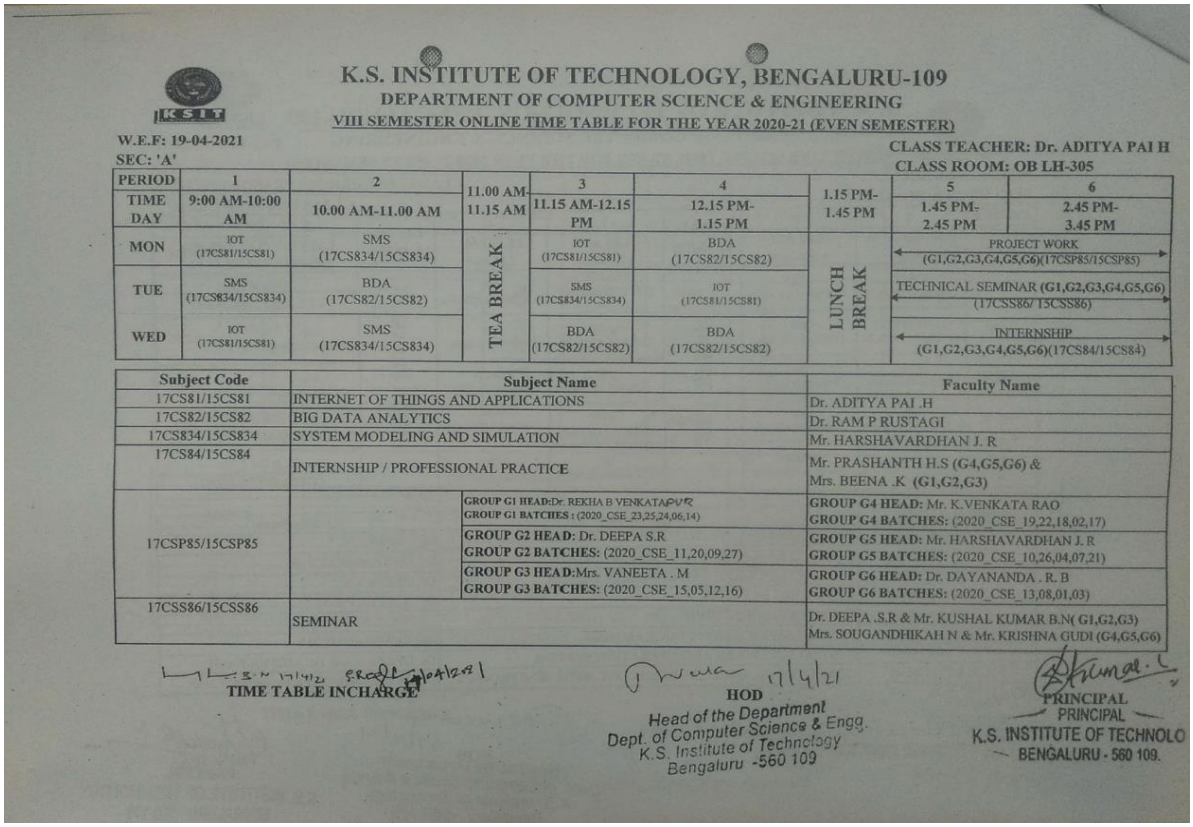
Project Lab2: Computer Network Laboratory/Project Work

Computer Specification

No of Computers: 25

Table 6.4.6: Computer Network Laboratory/Project Work

Sl.No	Equipment	Specification
1	Company Name	Lenovo think centre
2	CPU Model	M81
3	Processor	Core i5
4	Speed	3.10 GHz
5	RAM	4 GB
6	Hard Disk	320 GB
7	Monitor	18.5 " TFT



K.S. INSTITUTE OF TECHNOLOGY, BENGALURU-109

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

VIII SEMESTER ONLINE TIME TABLE FOR THE YEAR 2020-21 (EVEN SEMESTER)

W.E.F: 19-04-2021

SEC: 'A'

CLASS TEACHER: Dr. ADITYA PAI H

CLASS ROOM: OB LH-305

PERIOD	1	2	11.00 AM-11.15 AM	3	4	1.15 PM-1.45 PM	5	6
TIME DAY	9:00 AM-10:00 AM	10.00 AM-11.00 AM		11.15 AM-12.15 PM	12.15 PM-1.15 PM		1.45 PM-2.45 PM	2.45 PM-3.45 PM
MON	IOT (17CS81/15CS81)	SMS (17CS834/15CS834)	TEA BREAK	IOT (17CS81/15CS81)	BDA (17CS82/15CS82)	LUNCH BREAK	PROJECT WORK (G1,G2,G3,G4,G5,G6)(17CSP85/15CSP85)	
TUE	SMS (17CS834/15CS834)	BDA (17CS82/15CS82)		SMS (17CS834/15CS834)	IOT (17CS81/15CS81)		TECHNICAL SEMINAR (G1,G2,G3,G4,G5,G6) (17CSS86/ 15CSS86)	
WED	IOT (17CS81/15CS81)	SMS (17CS834/15CS834)		BDA (17CS82/15CS82)	BDA (17CS82/15CS82)		INTERNSHIP (G1,G2,G3,G4,G5,G6)(17CS84/15CS84)	

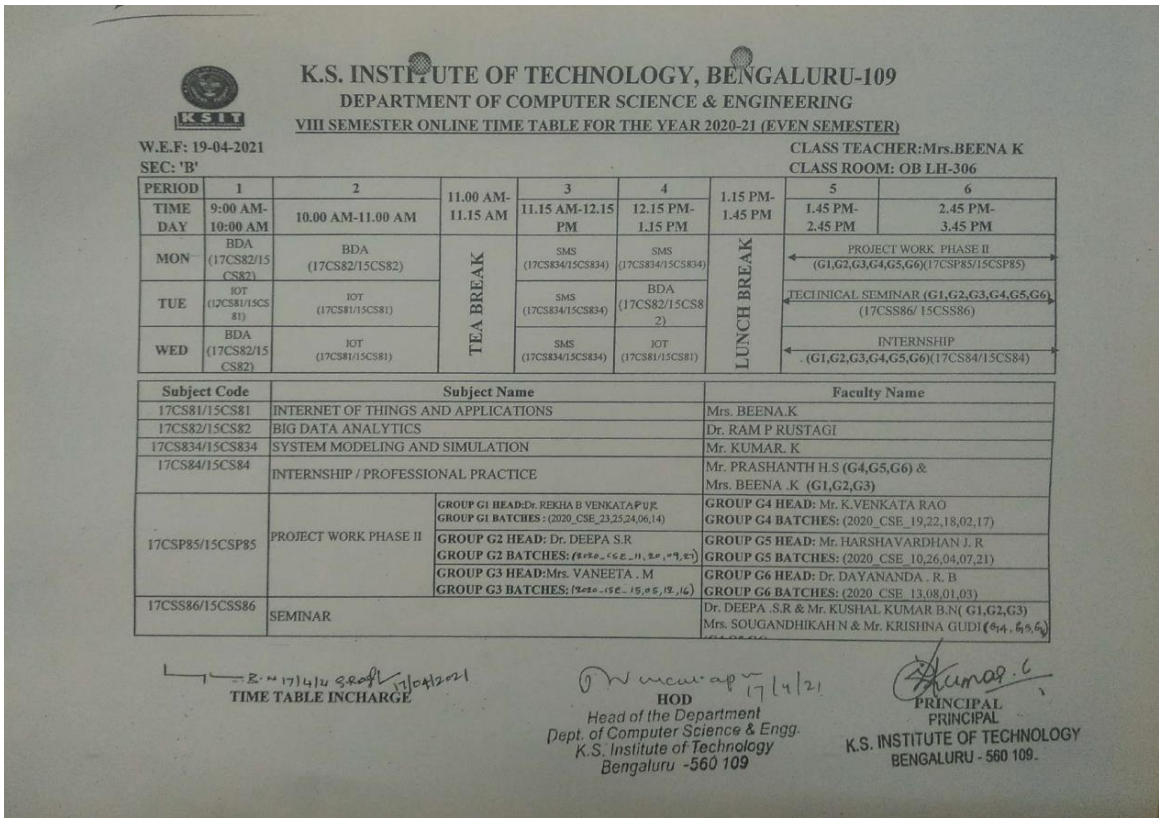
Subject Code	Subject Name		Faculty Name
17CS81/15CS81	INTERNET OF THINGS AND APPLICATIONS		Dr. ADITYA PAI .H
17CS82/15CS82	BIG DATA ANALYTICS		Dr. RAM P RUSTAGI
17CS834/15CS834	SYSTEM MODELING AND SIMULATION		Mr. HARSHAVARDHAN J. R
17CS84/15CS84	INTERNSHIP / PROFESSIONAL PRACTICE		Mr. PRASHANTH H.S (G4,G5,G6) & Mrs. BEENA .K (G1,G2,G3)
17CSP85/15CSP85		GROUP G1 HEAD:Dr. REKHA B VENKATAPUR GROUP G1 BATCHES : (2020_CSE_23,25,24,06,14)	GROUP G4 HEAD: Mr. K.VENKATA RAO GROUP G4 BATCHES: (2020_CSE_19,22,18,02,17)
		GROUP G2 HEAD: Dr. DEEPA S.R GROUP G2 BATCHES: (2020_CSE_11,20,09,27)	GROUP G5 HEAD: Mr. HARSHAVARDHAN J. R GROUP G5 BATCHES: (2020_CSE_10,26,04,07,21)
		GROUP G3 HEAD:Mrs. VANEETA . M GROUP G3 BATCHES: (2020_CSE_15,05,12,16)	GROUP G6 HEAD: Dr. DAYANANDA . R. B GROUP G6 BATCHES: (2020_CSE_13,08,01,03)
17CSS86/15CSS86	SEMINAR		Dr. DEEPA .S.R & Mr. KUSHAL KUMAR B.N(G1,G2,G3) Mrs. SOUGANDHIKAH N & Mr. KRISHNA GUDI (G4,G5,G6)

TIME TABLE INCHARGE

HOD
Head of the Department
Dept. of Computer Science & Engg.
K.S. Institute of Technology
Bengaluru -560 109

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

Fig 6.4.1: Time Table to show the utilization of lab for project work



K.S. INSTITUTE OF TECHNOLOGY, BENGALURU-109

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

VIII SEMESTER ONLINE TIME TABLE FOR THE YEAR 2020-21 (EVEN SEMESTER)

W.E.F: 19-04-2021

SEC: 'B'

CLASS TEACHER:Mrs.BEENA K

CLASS ROOM: OB LH-306

PERIOD	1	2	11.00 AM-11.15 AM	3	4	1.15 PM-1.45 PM	5	6
TIME DAY	9:00 AM-10:00 AM	10.00 AM-11.00 AM		11.15 AM-12.15 PM	12.15 PM-1.15 PM		1.45 PM-2.45 PM	2.45 PM-3.45 PM
MON	BDA (17CS82/15CS82)	BDA (17CS82/15CS82)	TEA BREAK	SMS (17CS834/15CS834)	SMS (17CS834/15CS834)	LUNCH BREAK	PROJECT WORK PHASE II (G1,G2,G3,G4,G5,G6)(17CSP85/15CSP85)	
TUE	IOT (17CS81/15CS81)	IOT (17CS81/15CS81)		SMS (17CS834/15CS834)	BDA (17CS82/15CS82)		TECHNICAL SEMINAR (G1,G2,G3,G4,G5,G6) (17CSS86/ 15CSS86)	
WED	BDA (17CS82/15CS82)	IOT (17CS81/15CS81)		SMS (17CS834/15CS834)	IOT (17CS81/15CS81)		INTERNSHIP (G1,G2,G3,G4,G5,G6)(17CS84/15CS84)	

Subject Code	Subject Name		Faculty Name
17CS81/15CS81	INTERNET OF THINGS AND APPLICATIONS		Mrs. BEENA.K
17CS82/15CS82	BIG DATA ANALYTICS		Dr. RAM P RUSTAGI
17CS834/15CS834	SYSTEM MODELING AND SIMULATION		Mr. KUMAR. K
17CS84/15CS84	INTERNSHIP / PROFESSIONAL PRACTICE		Mr. PRASHANTH H.S (G4,G5,G6) & Mrs. BEENA .K (G1,G2,G3)
17CSP85/15CSP85	PROJECT WORK PHASE II	GROUP G1 HEAD:Dr. REKHA B VENKATAPUR GROUP G1 BATCHES : (2020_CSE_23,25,24,06,14)	GROUP G4 HEAD: Mr. K.VENKATA RAO GROUP G4 BATCHES: (2020_CSE_19,22,18,02,17)
		GROUP G2 HEAD: Dr. DEEPA S.R GROUP G2 BATCHES: (2020_CSE_11,20,09,27)	GROUP G5 HEAD: Mr. HARSHAVARDHAN J. R GROUP G5 BATCHES: (2020_CSE_10,26,04,07,21)
		GROUP G3 HEAD:Mrs. VANEETA . M GROUP G3 BATCHES: (2020_CSE_15,05,12,16)	GROUP G6 HEAD: Dr. DAYANANDA . R. B GROUP G6 BATCHES: (2020_CSE_13,08,01,03)
17CSS86/15CSS86	SEMINAR		Dr. DEEPA .S.R & Mr. KUSHAL KUMAR B.N(G1,G2,G3) Mrs. SOUGANDHIKAH N & Mr. KRISHNA GUDI (G4,G5,G6)

TIME TABLE INCHARGE

HOD
Head of the Department
Dept. of Computer Science & Engg.
K.S. Institute of Technology
Bengaluru -560 109

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BENGALURU - 560 109.

Fig 6.4.2: Time Table to show the utilization of lab for project work

6.5. Safety Measures in the Laboratory (10) **Total Marks 9.00**
Institute Marks: 9.00

Sl. No.	Name of the Laboratory	Safety measures
1.	**Lab1**: Machine Learning Laboratory and DBMS Laboratory/Project Work **(108-OB I FLOOR)**	**General Rules of Conduct in Laboratories are displayed** • Sign the log-in-out register before entering and leaving the lab. • 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 **Safety aids available in the laboratory are** ➢ Firewall ➢ First aid box ➢ Fire extinguisher
2.	**Lab2:** Computer Network Laboratory/Project Work **(109-OB I FLOOR)**	**General Rules of Conduct in Laboratories are displayed** • Sign the log-in-out register before entering and leaving the lab. • 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 **Safety aids available in the laboratory are** ➢ Firewall ➢ First aid box ➢ Fire extinguisher
3.	**Lab3:** Data Structures Laboratory / Design And Analysis Of Algorithm Laboratory and System Software and Operating System Laboratory **(301-OB III FLOOR)**	**General Rules of Conduct in Laboratories are displayed** • Sign the log-in-out register before entering and leaving the lab. • 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 **Safety aids available in the laboratory are** ➢ Firewall ➢ First aid box ➢ Fire extinguisher

4.	**Lab4:** Web Technology Laboratory / DBMS Laboratory/ Computer graphics Laboratory **(303-OB III FLOOR)**	**General Rules of Conduct in Laboratories are displayed** • Sign the log-in-out register before entering and leaving the lab. • 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 **Safety aids available in the laboratory are** ➢ Firewall ➢ First aid box ➢ Fire extinguisher
5.	**Lab5:** Analog And Digital Electronics Laboratory / Microcontroller and embedded system Laboratory/ System Software and Operating System Laboratory **(304-OB III FLOOR)**	**General Rules of Conduct in Laboratories are displayed** • Sign the log-in-out register before entering and leaving the lab. • 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 **Safety aids available in the laboratory are** ➢ Firewall ➢ First aid box ➢ Fire extinguisher
6.	**Lab 6:** Computer Programming Laboratory **(309-NB III FLOOR)**	**General Rules of Conduct in Laboratories are displayed** • Sign the log-in-out register before entering and leaving the lab. • 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 **Safety aids available in the laboratory are** ➢ Firewall ➢ First aid box ➢ Fire extinguisher
7.	**Lab 7: Mobile Application Development Laboratory**	**General Rules of Conduct in Laboratories are displayed**

	(105-NB I FLOOR)	• Sign the log-in-out register before entering and leaving the lab. • 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 **Safety aids available in the laboratory are** ➢ Firewall ➢ First aid box ➢ Fire extinguisher
8.	Research Laboratory **(305-NB I FLOOR)**	**General Rules of Conduct in Laboratories are displayed** • Sign the log-in-out register before entering and leaving the lab. • 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 **Safety aids available in the laboratory are** ➢ Firewall ➢ First aid box ➢ Fire extinguisher
9.	Project Laboratory **(406-OB VI FLOOR)**	**General Rules of Conduct in Laboratories are displayed** • Sign the log-in-out register before entering and leaving the lab. • 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 **Safety aids available in the laboratory are** ➢ Firewall ➢ First aid box Fire extinguisher

7 CONTINUOUS IMPROVEMENTS (50) Total Marks: 46.00

7.1 Action taken based on the result of evaluation of each of the POs & PSOs (20)

Total Marks: 19.00
Institution Marks: 19.00

POs - Attainment Levels and Actions for improvement (2019-2020)

POs	Target Level	Attainment Level	Observation
PO1: Engineering Knowledge			
PO 1	2.1	2.44	1. Target is attained. 2. It is proposed to increase the Target Level in the next academic year.
Action: Technical talks were conducted to increase engineering knowledge further.			
PO 2: Problem Analysis			
PO 2	2.1	2.16	1. Target is attained 2. It is proposed to increase the Target Level in the next academic year.
Action	Assignments are framed to increase the problem-solving capabilities further.		
PO 3: Design/development of solutions			
PO 3	2.0	1.91	Target is NOT attained
Action 1: Web and User Interface Development workshop were conducted.			
Action 2: Projects were given to students to increase their design capabilities.			
PO 4: Conduct investigations of complex problems			
PO 4	1.9	1.90	1. Target is attained 2. It is proposed to increase the Target Level in the next academic year.
Action 1: Android Application Development workshop were conducted.			
Action 2: Students were motivated to take participation in national and international conferences.			
PO 5: Modern tool usage			
PO 5	2.1	2.01	Target is NOT attained
Action 1: Sentinel Hack 2.0 were conducted.			
Action 2: Workshops were conducted to improve modern tool usage capabilities.			
PO 6: The engineer and society.			
PO 6	1.9	1.73	Target is NOT attained
Action: Students were encouraged to participate in Hackathon to solve problem on societal needs.			
PO 7: Environment and sustainability			
PO 7	1.8	1.64	Target is NOT attained
Action: Conduction of Karnataka State Students Convention.			
PO 8: Ethics			
PO 8	1.9	1.77	Target is NOT attained
Action: Internship talk on skill development.			

PO 9: Individual and team work			
PO 9	2.1	2.07	Target is NOT attained.
Action 1: Student Satellite Awareness Program was conducted.			
Action 2: Students were involved to work in team such as project work and conduction of events.			
PO 10: Communication			
PO 10	2.0	2.42	1. Target is attained. 2. It is proposed to increase the Target Level in the next academic year.
Action: Students were guided for technical seminar and internship presentations Communication skills.			
PO 11: Project management and finance			
PO 11	1.9	1.98	1. Target is attained 2. It is proposed to increase the Target Level in the next academic year.
Action: Project exhibitions were held to encourage the students to exhibit their project management skills.			
PO 12: Life-long learning			
PO 12	1.8	1.69	Target is NOT attained
Action 1: Technical Talk on Internet of Things was organized.			
Action 2: Students were encouraged to register and complete online courses from Coursera, Sololeam, Udemy, Verzeo and NPTEL.			

PSOs - Attainment Levels and Actions for improvement (2019-20)

PSOs	Target Level	Attainment Level	Observation
PSO 1: Ability to understand, analyze problems and implement solutions in Programming languages, as well to apply concepts in core areas of Computer Science in association with professional bodies and clubs.			
PSO 1	2.1	2.07	1. Target is NOT attained.
Action: Students were given more analytical assignments to enhance their capabilities further.			
PSO 2: Ability to use computational skills and apply software knowledge to develop effective solutions and data to address real world challenges.			
PSO 2	1.8	1.60	Target is NOT attained.
Action 1: Seminar on Industry 4.0			
Action 2: Workshop on Android Application Development was conducted			

7.2 Academic Audit and actions taken thereof during the period of Assessment (10)

Total Marks: 9.00

Institution Marks: 9.00

A. Academic Audit Conduct Mechanism:

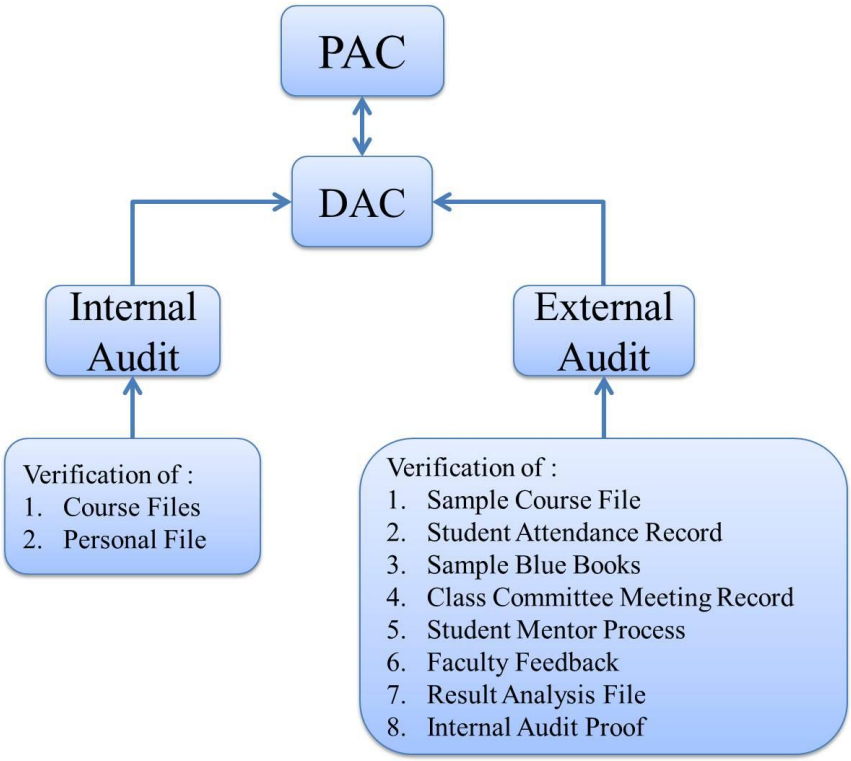


Fig: 7.2.1 Academic Audit Process

The department of Computer Science and Engineering undergoes internal audit once in a semester by two senior faculties from other 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.

Academic Audit Committees and Assessment Criteria:

a. Program Assessment Committee (PAC)
b. Department Advisory Committee (DAC)

c. Internal Audit
d. External Audit

Program Assessment Committee (PAC)

The Program Assessment Committee (PAC) has been formed for monitoring of different departmental activities. The PAC consists of Head of the Institution, Head of the Department and Faculty members and of the department. Following are the members of Program Assessment Committee.

Table 7.2.1 Program Assessment Committee members

Serial No.	Name	Role in PAC
1	Dr. Dilip Kumar K	Chairman
2	Dr. Rekha B Venkatapur	Member secretary
3	Dr. Ram P Rustagi	Key Resource Person
4	Dr. Dayananda R B	Member
5	Mr. K Venkata Rao	Member
6	Mrs. Deepa S R	Member
7	Mrs. Sougandhika Narayan	Member
8	Mrs. Vijayalaxmi Mekali	Member

Roles and responsibilities of the Program Assessment Committee (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.

Department Advisory Committee (DAC):

Department Advisory Committee has been formed to monitor and to advice the department to enhance the activities of the department. Following are the members of the Department Advisory Committee.

Table 7.2.2 Department Advisory Committee members

Sl no	Name	Role in DAB	Affiliation
1.	Dr. Rekha B Venkatapur	Chair Person	HOD-CSE, KSIT
2.	Dr. Ram P Rustagi	Key Resource Person	Professor, KSIT
3.	Mr. Niranjan Balaji	Entrepreneur & Alumni	Rapsol Technologies
4.	Mr. Darshan S K	Entrepreneur & Alumni	TVast IT Solution
5.	Mr. Sharanagoud Biradar	Employee and Alumni	All State India
6.	Dr. Dayananda R B	IQAC Coordinator	KSIT
7.	Mr. K Venkata Rao	NBA Coordinator	KSIT
8.	Mrs. Vaneeta M	Associate professor	KSIT

9.	Mrs. Sougandhika Narayan	Assistant Professor	KSIT
10.	Mr. Prashanth H S	Assistant Professor	KSIT
11.	Mr. Venugopal Naidu K	System Administrator	KSIT
12.	Pradhymna	Student	KSIT
13.	Satish	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.

Internal Audit:

After completion of the semester, there will be verification of Course File and Personal File of all the staff. The department invites two senior faculties from other department to get the Internal Audit done.

Course File Contents:

Table 7.2.3 Course File Particulars

Serial 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 7.2.4 Personal File Particulars

Serial No.	Particulars
1	Academic related Marks Card (SSLC, PUC, UG, PG, If available Ph.D.)
2	Experience Certificate
3	Appointment Letter
4	Ph. D. registration copy (Till date status- 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)

External Audit:

We invite Academician from sister institution to verify the academic process which is being carried out in our department. The following are the particular to be verified by the expert.

Table 7.2.5 Check list for audit

Sl. No.	Particulars to be Verified	Yes/ No
1	Sample Course File Verification	YES
2	Maintenance of Attendance Record	YES
3	Sample Blue Book Verification	YES
4	Faculty Feedback File	YES
5	Result Analysis File	YES
6	Proof of Internal Audit	YES
7	Mentoring process	YES
8	Class Committee Meeting Details	YES

- **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.**

Each faculty mentors around 20 students. For each student. a mentor book is maintained where details academic is noted.

- **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.

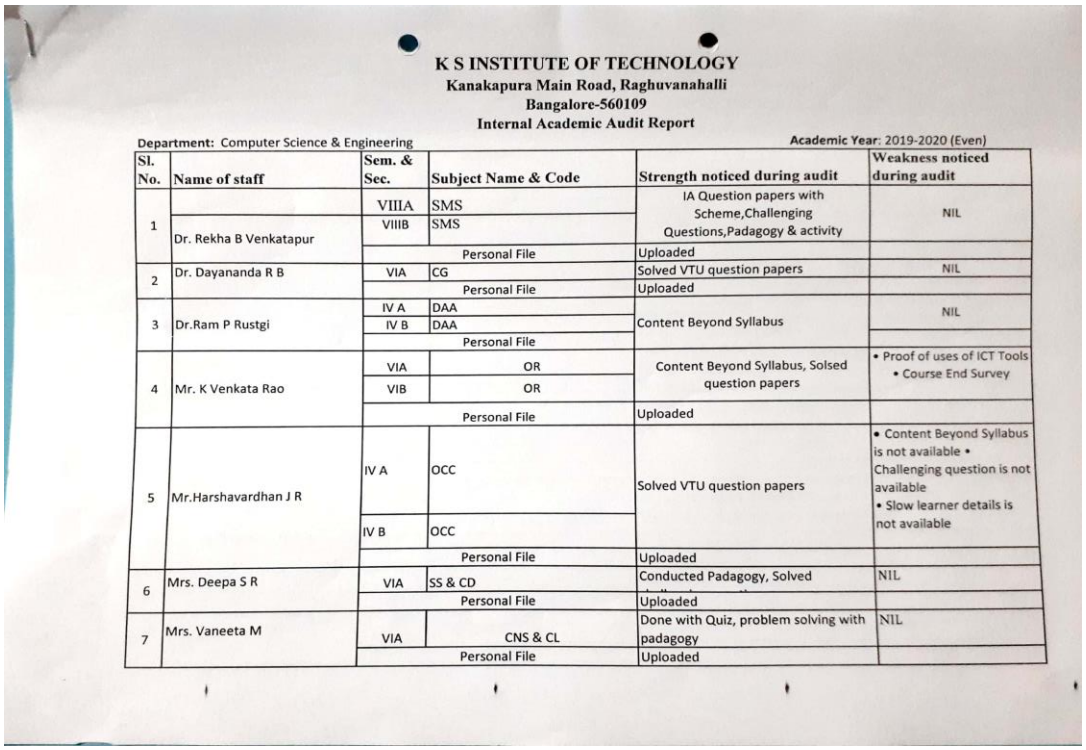
- **Result Analysis:**

After completion of university exams, the department shall maintain pass percentage of cach subject, section wise pass percentage, number of FCD's, number of FC's, number of SC's and number of failed students.

Action taken during the period of assessment:

1. Purchase of systems for laboratories
2. Encouraging existing faculties to register for PHD
3. Increase the number of department library books
4. Encourage faculties to use more numbers of pedagogies
5. Encourage faculties to attend more numbers of FDP, Workshops etc.
6. Encourage faculties to do more online courses
7. Conduction of Hackathon at the institute
8. Initiation of getting accreditation from reputed institutions

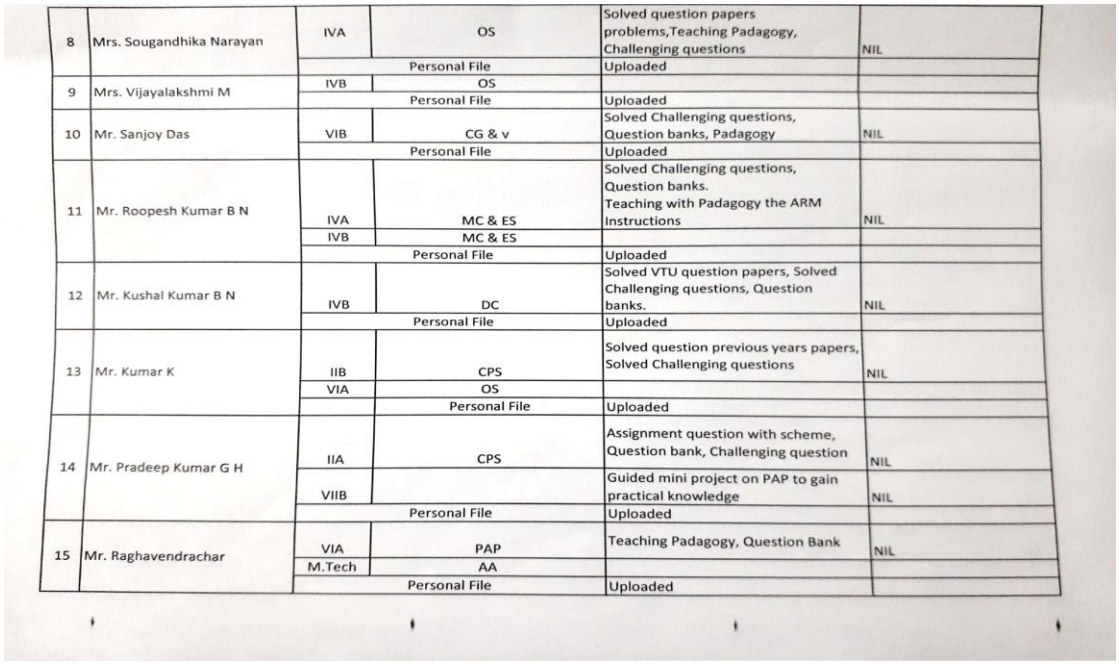
Internal Audit Report:



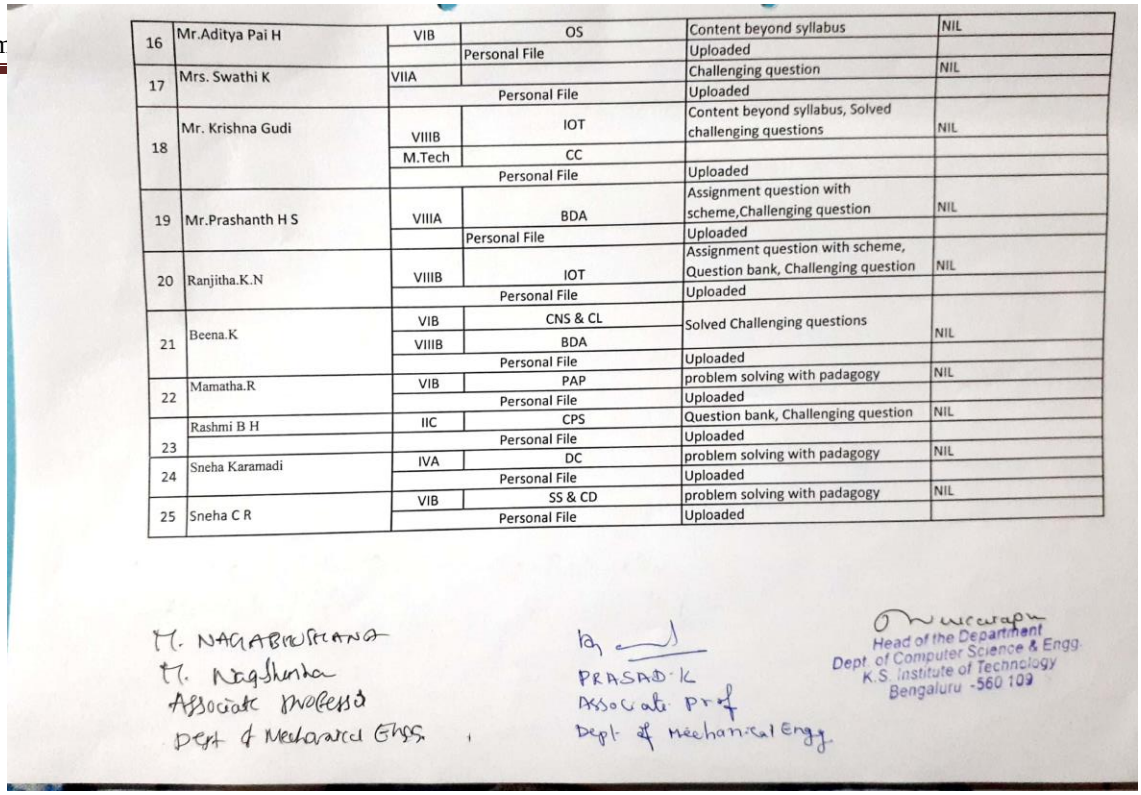
K S INSTITUTE OF TECHNOLOGY
Kanakapura Main Road, Raghuvanahalli
Bangalore-560109
Internal Academic Audit Report

Department: Computer Science & Engineering **Academic Year**: 2019-2020 (Even)

Sl. No.	Name of staff	Sem. & Sec.	Subject Name & Code	Strength noticed during audit	Weakness noticed during audit
1	Dr. Rekha B Venkatapur	VIIIA	SMS	IA Question papers with Scheme,Challenging Questions,Padagogy & activity	NIL
		VIIIB	SMS		
		Personal File		Uploaded	
2	Dr. Dayananda R B	VIA	CG	Solved VTU question papers	NIL
		Personal File		Uploaded	
3	Dr.Ram P Rustgi	IV A	DAA	Content Beyond Syllabus	NIL
		IV B	DAA		
		Personal File			
4	Mr. K Venkata Rao	VIA	OR	Content Beyond Syllabus, Solsed question papers	• Proof of uses of ICT Tools • Course End Survey
		VIB	OR		
		Personal File		Uploaded	
5	Mr.Harshavardhan J R	IV A	OCC	Solved VTU question papers	• Content Beyond Syllabus is not available • Challenging question is not available • Slow learner details is not available
		IV B	OCC		
		Personal File		Uploaded	
6	Mrs. Deepa S R	VIA	SS & CD	Conducted Padagogy, Solved	NIL
		Personal File		Uploaded	
7	Mrs. Vaneeta M	VIA	CNS & CL	Done with Quiz, problem solving with padagogy	NIL
		Personal File		Uploaded	



8	Mrs. Sougandhika Narayan	IVA	OS	Solved question papers problems,Teaching Padagogy, Challenging questions	NIL
		Personal File		Uploaded	
9	Mrs. Vijayalakshmi M	IVB	OS		
		Personal File		Uploaded	
10	Mr. Sanjoy Das	VIB	CG & v	Solved Challenging questions, Question banks, Padagogy	NIL
		Personal File		Uploaded	
11	Mr. Roopesh Kumar B N	IVA	MC & ES	Solved Challenging questions, Question banks. Teaching with Padagogy the ARM Instructions	NIL
		IVB	MC & ES		
		Personal File		Uploaded	
12	Mr. Kushal Kumar B N	IVB	DC	Solved VTU question papers, Solved Challenging questions, Question banks.	NIL
		Personal File		Uploaded	
13	Mr. Kumar K	IIB	CPS	Solved question previous years papers, Solved Challenging questions	NIL
		VIA	OS		
		Personal File		Uploaded	
14	Mr. Pradeep Kumar G H	IIA	CPS	Assignment question with scheme, Question bank, Challenging question	NIL
		VIIB		Guided mini project on PAP to gain practical knowledge	NIL
		Personal File		Uploaded	
15	Mr. Raghavendrachar	VIA	PAP	Teaching Padagogy, Question Bank	NIL
		M.Tech	AA		
		Personal File		Uploaded	



16	Mr.Aditya Pai H	VIB	OS	Content beyond syllabus	NIL
			Personal File	Uploaded	
17	Mrs. Swathi K	VIIA		Challenging question	NIL
		Personal File		Uploaded	
18	Mr. Krishna Gudi	VIIIB	IOT	Content beyond syllabus, Solved challenging questions	NIL
		M.Tech	CC		
		Personal File		Uploaded	
19	Mr.Prashanth H S	VIIIA	BDA	Assignment question with scheme,Challenging question	NIL
			Personal File	Uploaded	
20	Ranjitha.K.N	VIIIB	IOT	Assignment question with scheme, Question bank, Challenging question	NIL
		Personal File		Uploaded	
21	Beena.K	VIB	CNS & CL	Solved Challenging questions	NIL
		VIIIB	BDA		
		Personal File		Uploaded	
22	Mamatha.R	VIB	PAP	problem solving with padagogy	NIL
		Personal File		Uploaded	
23	Rashmi B H	IIC	CPS	Question bank, Challenging question	NIL
		Personal File		Uploaded	
24	Sneha Karamadi	IVA	DC	problem solving with padagogy	NIL
		Personal File		Uploaded	
25	Sneha C R	VIB	SS & CD	problem solving with padagogy	NIL
		Personal File		Uploaded	

M. NAGABHUSHANA
M. Nagbhushana
Associate professor
Dept of Mechanical Engg.

PRASAD K
Associate Prof
Dept of Mechanical Engg.

Head of the Department
Dept. of Computer Science & Engg.
K.S. Institute of Technology
Bengaluru -560 109

K S INSTITUTE OF TECHNOLOGY

Kanakapura Main Road, Raghuvanahalli, Bengaluru-560109

Internal Academic Audit Report

Department: Computer Science and Engineering **Academic Year: 2019-2020(Even)**

1. Course files were maintained by the faculties found to be satisfactorily. Course files were maintained and updated properly according to the chcek list.
2. Personal files were maintained by the faculties found to be satisfactorily. Personal files were maintained and updated properly according to the chcek list.
3. Faculties are advised to use more number of pedagogies.

Auditors Signature

1. M. NAGABHUSHANA
ASSOCIATE PROFESSOR
DEPT. of MECH. ENGG.

2. PRASAD. K
Associate. prof
Dept of Mech Engg

HOD-CSE

Head of the Department
Dept. of Computer Science & Engg.
K.S. Institute of Technology
Bengaluru -560 109

K S INSTITUTE OF TECHNOLOGY

Kanakapura Main Road, Raghuvanahalli, Bengaluru-560109

Department of Computer Science & Engineering

External Academic Audit Report

Academic Year : 2018-2019

- Course files were maintained properly by the faculties.
- Attendance Registers of students were verified and found satisfactorily.
- Sample answer scripts of the Internal Assessments were verified and found satisfactorily. Evaluation and assigning of marks were found satisfactorily.
- Feedback form were verified and found good.
- Result analysis in respect of each faculty was verified and found satisfactorily.
- Internal audit of each semester had been verified and found satisfactorily.
- Sample mentors registers were verified and found that these provide detail information about students.
- Class Committee Meeting were held on time and it's reflected in the department activities.
- Software used in laboratory found genuine. Laboratory equipment also found in good condition.

DR.MALINI M PATIL BE,ME,PHD
ASSOCIATE PROFESSOR
Dept. of ISE,JSSATE,BENGALURU-60
Email:patilmalini31@gmail.com
MOB:+919343401796

Auditor

27/6/2019
HOD-CSE
Head of the Department
Dept. of Computer Science & Engg.
K.S. Institute of Technology
Bengaluru -560 109

27.6.19
Principal
PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

1) Santosh Kumar J
Associate Prof. CSE
KSSEM B'lore.

2) Ashoka. S.
Assistant Prof. CSE
KSSEM. B'lore

Dept. of Computer Science & Engineering KSSEM

External Audit Report:

K S INSTITUTE OF TECHNOLOGY
Kanakapura Main Road, Raghuvanahalli, Bengaluru-560109
Department of Computer Science and Engineering

External Academic Audit Report
Academic Year : 2018-2019

Sl. No.	Particulars to be Verified	Yes/ No
1	Sample Course File Verification	YES
2	Maintenance of Attendance Record	YES
3	Sample Blue Book Verification	YES
4	Faculty Feedback File	YES
5	Result Analysis File	YES
6	Proof of Internal Audit	YES
7	Mentoring process	YES
8	Class Committee Meeting Details	YES

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Auditor

HOD-CSE 27/6/2019
Head of the Department
Dept. of Computer Science & Engg.
K.S. Institute of Technology
Bengaluru -560 109

27.6.2019
Principal
PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

1) Santosh Kumar. J
Associate Prof. CSE
KSSEM B'lore

2) Ashoka. S
Assistant Prof. CSE
KSSEM, B'lore

KSSEM Dept. of Computer Science & Engineering

7.3 Improvement in Placement, Higher Studies and Entrepreneurship (10)

Total Marks: 9.00
Institution Marks: 9.00

Assessment is based on improvement in:

A. Improvement in placement number, quality, core hiring industry and pay packages.
B. Improvement in Higher Studies admissions for pursuing Ph. D. in premium institutions.
C. Improvement in number of Entrepreneurs.

Placement Details:

The list of placed students and their salary per annum for five assessment years are listed in Table 7.3A-1 to Table 7.3A-5.

Table 7.3A-1 Placement data for the year 2020-2021

Sl. No.	Name of the company	Number of students got offers	Salary offered per annum (in Rupees)	Serviced Based/ Core Based
1	Infosys	8	360000	Service Based
2	NTT Data	11	325000	Service Based
3	TCS Ninja	9	396000	Service Based
4	Accenture	11	450000	Service Based
5	Avaali Solution	3	300000	Service Based
6	KPMG	3	500000	Service Based
7	Jaro Education	2	660000	Service Based
8	Capgemini	2	380000	Service Based
9	FIS	2	500000	Service Based
10	Wipro	2	350000	Service Based
11	Mind Tree	1	400000	Service Based
12	Quinnox	1	350000	Service Based
13	Subscribeit	1	400000	Service Based
14	Verzeo	1	300000	Service Based
15	Technologics	1	214000	Service Based
16	Devtools	1	300000	Service Based
17	Uniphore	1	450000	Service Based
18	Integra Connect	1	750000	Service Based
19	Hashedin Technologies	1	800000	Service Based
20	CRMIT Solutions	1	500000	Service Based
21	Lido	1	700000	Service Based
22	Peol Technologies	1	350000	Service Based
23	Apisero Inc	1	510000	Service Based
24	Virtusa	1	400000	Service Based

25	IBM	1	725000	Service Based
26	Desk Nine	1	300000	Service Based
27	IBM	1	425000	Service Based
28	Microchip	1	600000	Service Based
29	Sonata Software	2	350000	Service Based
30	Cerner	1	578000	Service Based
31	Brillio	1	450000	Service Based
32	Celstream	1	400000	Service Based
33	Dell	1	700000	Service Based
34	Cognizant	1	400000	Service Based
35	Huawei	1	350000	Service Based
36	Adecco Pvt Ltd	1	410000	Service Based
37	Kreditbee	1	600000	Service Based
38	Aie Software India Pvt Ltd	1	144000	Service Based
39	Lenskart Solutions Pvt Ltd	1	450000	Service Based
40	Cam Com	1	240000	Service Based
41	Btc- Boston Technology	1	425000	Service Based
42	Mphasis	1	325000	Service Based
43	CSG	1	240000	Service Based
44	Edge Verve	1	648000	Service Based

Summary of Placement data for the year 2020-2021:

Total no. of students placed	**88**
Total no. of students	**101**
Percentage of students placed	**87.12**

Table 7.3 A-2 Placement data for the year 2019-2020

Sl. No.	Name of the company	Number of students placed	Salary offered per annum (in Rupees)	Serviced Based/ Core Based
1	Infosys	22	325000	Serviced Based
2	Infosys(Tq Certification)	1	500000	Serviced Based
3	TCS Digital	1	700000	Serviced Based
4	TCS Ninja	22	360000	Serviced Based
5	Value Labs	2	1650000+Cummulative	Serviced Based
6	Jaro Education	1	1200000	Serviced Based
7	NTT Data	11	300000	Serviced Based
8	Thoughtclan Technologies	1	450000	Serviced Based

9	Mphasis	2	250000	Serviced Based
10	ABC Technology (S)	2	300000-700000	Serviced Based
11	Kirusa	1	700000	Serviced Based
12	HUDL	6	350000	Serviced Based
13	Mphasis	2	250000	Serviced Based
14	Delhivery	1	270000	Serviced Based
15	Cloud Thing	1	450000	Serviced Based
16	Cognizant	2	350000	Serviced Based
17	Wipro	2	300000	Serviced Based
18	QUINNOX	1	300000	Serviced Based
	Total no. of students placed	**80**	----	----
	Total no. of students	**110**	----	----
	Percentage of students placed	**72.7**	----	----

Table 7.3A-3 Placement data for the year 2018-2019

Sl. No.	Name of the company	Number of students placed	Salary offered per annum (in Rupees)	Serviced Based/ Core Based
1	MU Sigma	4	2100000	Serviced Based
2	Cognizant	4	338000	Serviced Based
3	Agile Point	3	700000	Serviced Based
4	TCS	5	336000	Serviced Based
5	Infosys	14	325000	Serviced Based
6	LTI	8	325000	Serviced Based
7	Path Front	8	314000	Serviced Based
8	Mind Tree	1	325000	Serviced Based
9	Unisys	1	275000	Serviced Based
10	Advent Global Solutions	3	220000	Serviced Based
11	City Survaillance	1	200000	Serviced Based
12	NTT Data	3	300000	Serviced Based
13	SAP Labs	1	300000	Serviced Based
14	Cloudonhire	1	180000	Serviced Based
15	V Tiger	3	216000	Serviced Based
16	BYJU'S The Learning App	2	700000	Serviced Based
17	Centura Technologies	1	250000	Serviced Based
18	Textron	1	300000	Serviced Based
19	All Blue	2	372000	Serviced Based

20	Accenture	3	320000	Serviced Based
21	Joules To Watts	2	300000	Serviced Based
22	EOX	1	200000	
23	Quimox	1	300000	Serviced Based
24	Simply Learn	1	400000	Serviced Based
25	Global logic india pvt. Ltd.	1	406357	Serviced Based
	Total no. of students placed	**75**	-----	-----
	Total no. of students	**117**	-----	-----
	Percentage of students placed	**64.1**	-----	------

Table 7.3A-4 Placement data for the year 2017-2018

Sl. No.	**Name of the company**	**Number of students placed**	**Salary offered per annum (in Rupees)**	**Service Based/ Core Based**
1	INFOSYS	7	325000	Service Based
2	Mind Tree	2	325000	Service Based
3	NTT Data	15	300000	Service Based
4	Mphasis	3	250000	Service Based
5	Pinclick	3	250000	Service Based
6	VEE Technology	3	150000	Service Based
7	HSBC	1	700000	Service Based
8	Robert Bosch	5	400000	Service Based
9	Accenture	2	320000	Service Based
10	Allegis Group	1	292788	Service Based
11	Cognizant	2	338000	Service Based
12	Zopper	1	312000	Service Based
13	Altisource	1	392774	Service Based
14	Amdocs	1	370000	Service Based
15	Q-Spiders	2	300000	Service Based
16	Advent Sys	1	300000	Service Based
17	Kaho Labs	1	240000	Service Based
18	TAS Information Intelligence	1	252000	Service Based
19	HCL	1	300000	Service Based

20	Avent Global Solution Pvt. Ltd.	1	250000	Service Based
21	Allegis Group	1	320000	Service Based
22	Softtrends	1	300000	Service Based
23	Kaho Labs	1	270000	Service Based
	Total no. of students placed	**57**	--	--
	Total no. of students	**115**	--	--
	Percentage of students placed	**49.56**	--	--

Table 7.3A-5 Placement data for the year 2016-2017

Sl. No.	Name of the company	Number of students placed	Salary offered per annum (in Rupees)	Service Based/ Core Based
1	Infosys	22	325000	Service Based
2	Tech Mahendra	12	300000	Service Based
3	NTT	8	300000	Service Based
4	Mind Tree	3	325000	Service Based
5	TCS	1	336000	Service Based
6	Artech Infosoftware	2	230000	Service Based
7	Ibm Ind Pvt Ltd	1	260000	Service Based
8	Ibm Development	1	260000	Service Based
9	CGI	1	325000	Service Based
10	Accenture	3	320000	Service Based
11	SAP Labs	1	300000	Service Based
12	Lowe's USA	1	460000	Service Based
13	Amazon	1	300000	Service Based
14	Bayside Media	1	105000	Service Based
15	Elait It Technology Services Pvt. Ltd.	1	180000	Service Based
16	Amber Road Software Pvt. Ltd	1	515276	Service Based
17	BYJU'S – The Learning App	1	475000	Service Based
18	Tektronix	1	250000	Service Based
19	Capgemini	1	240000	Service Based

20	42 Hertz	1	350000	Service Based
	Total no. of students placed	**64**		
	Total no. of students	**140**		
	Percentage of students placed	**45.71**		

Higher studies enrollment details (GRE, GMAT, CAT, GATE etc.)

Table 7.3 B-1 Higher Studies Enrolment Details

Sl. No.	Academic year	Number of students admitted
1	2020-2021	Not available
2	2019-2020	3
3	2018-2019	5
4	2017-2018	7

Entrepreneurship Enrolment Details

Sl. No	Academic Year	Number of students registered	Company details	USN of the student	Name of the student
1	2016-2017	0	-----	-----	-----
2	2017-2018	0	-----	-----	-----
3	2018-2019	0	-----	-----	-----
4	2019-2020	1	TVAST IT Solutions	1KS15CS024	Darshan S K
5	2020-2021	1	TVAST IT Solutions	1KS16CS001	Abhishek M

7.4 Improvement in the quality of students admitted to the program: (10)

Total Marks: 9.00

Institution Marks: 9.00

		CAY	CAYm1	CAYm2
Item	Particulars	2020-2021	2019-2020	2018-2019
National Level Entrance	No. of students admitted	17	28	33

Examination (COMED-K)	Opening Score/Rank	17113	24968	21384
	Closing Score/Rank	38750	56468	47565
State/University Level Entrance Examination (C. E.T.)	No. of students admitted	59	50	57
	Opening Score/Rank	7602	10554	16984
	Closing Score/Rank	204337	50087	33107
State Level Entrance Examination for lateral entry (C.E.T.)	No. of students admitted	5	15	2
	Opening Score/Rank	4501	1649	16368
	Closing Score/Rank	8665	13250	17524
Average CBSE/ Any other board result of admitted students (Physics, Chemistry and Mathematics)		79%	72%	76%

8 FIRST YEAR ACADEMICS (50) Total Marks : 43.57

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 RECIVING HIGEST DEGREE CERTIFICATE	SPECIALIZATION	DESIGNATION	DATE OF JOINING	Teaching Load			Current associated	Nature of association	DATE OF LEAVING
								2020-21(CAY)	2019-20(CAYm1)	2018-19(CAYm2)			
1	Dr.K.R. JAYAKUMAR	AEFPJ7394P	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	APPILED 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	BOGPS9004F	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	BTKPS6230C	MSC	11/28/2013	MATERIALS SCIENCE	ASSISTANT PROFFESOR	8/26/2014	0	0	35	NO	REGULAR	7/3/2019
11	Mrs.SRIDEEVI 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	AIJPV1410G	BAL.LLB	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 & MANUFACTING	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.M.L	AQQPT6687E	M TECH	O3-05-2014	STRUCTURAL ENGINERRING	ASSISTANT PROFFESOR	7/22/2019	35	35	0	YES	REGULAR	
22	Mr.AMRUTH.K	EEZPK3834K	M TECH	1/21/2017	STRUCTURAL ENGINERRING	ASSISTANT PROFFESOR	7/22/2019	0	35	0	NO	REGULAR	7/12/2020
23	Mr.PRUTHVIRAJ 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 & ENGINERRING	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 J.PATIL	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

Year	Number of students (approved intake strength) N	Number of faculty members (considering fractional load) F	FYSFR (N/F)	*Assessment = (5 ×20)/ FYSFR (Limited to Max. 5)
CAY (2020-2021)	120	7	17.142	5.833
CAYm1 (2019-2020)	120	6	20.0	5.000
CAYm2 (2018-2019)	120	8	15.0	6.666
Average	120	7	17.142	5.833

8.2 Qualification of Faculty Teaching First Year Common Courses (5) Total marks: 5.00

Institute marks: 5.00

Year	X(Number 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	15	6	8.333
CAYm1 (2019-2020)	1	16	6	8.833
CAYm2 (2018-2019)	1	18	6	9.833
Average Assessment				8.999

8.3 First Year Academic Performance (10) Total marks: 7.57

Institute marks: 7.57

Academic performance	2020-2021	2019-20	2018-19
Mean of CGPA or mean percentage of all successful students(X)	8.19	7.66	7.23
Total Number of successful students(Y)	114	113	118
Total Number of students appeared in the examination(Z)	114	113	124
API[X*(Y/Z)]	**8.19**	**7.66**	**6.8802**

Average API [(AP1+AP2+AP3)/3] = 7.576

8.4 Attainment of Course Outcomes of first year courses (10) Total marks: 9.00

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: 5.00

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.

Attainment of Course Outcomes

- Direct Assessment
- Indirect Assessment

Direct Assessment

- Internal Assessment Test
- Internal Lab Examination
- University Examination

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.

Laboratory Exam Evaluation

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

University Examination

- University schedule external theory and laboratory examination for the students at the end of the semester.

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 b. Internal Tests	50	90
		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.

Indirect Assessment

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

Process followed for Calculation of Course Outcomes:

A1 Theory course

Table: 8.4.1.1 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 >= 60% marks is identified. Percentage is calculated as: [No. of students scoring >=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 >= 60% [in Internal Assessment test] Level 2 – 55% students should have scored >= 60% [in Internal Assessment test] Level 1 – 50% students should have scored >= 60% [in Internal Assessment test]
4	Based on the percentage obtained, the attainment for each of the CO is identified.

Table: 8.4.1.2 External Assessment

Steps	Process for calculating attainment through University Examination
1	Set target of 60% for external assessment is obtained from the university examination 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 >= 60% of Maximum marks Level 2 – 55% students should have scored >=60% of Maximum marks Level 1 – 50% students should have scored >=60% of Maximum marks
4	Based on the percentage computed in step 2 the attainment is obtained.

Table: 8.4.1.3 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	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: 8.4.1.4 Final CO attainment calculation

Steps	Final CO attainment calculation for Theory
1	The attainment level in the test for each CO and University attainment 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].
4	The attainment of the course is given by [N3 + N4] for every CO.

8.4.2 Record the attainment of Course Outcomes of all first year courses (5)

Institute marks: 4.00

Record the Attainment of Course Outcomes of all Courses with Respect to Set Attainment Levels

Attainment of Course Outcomes2020-2021

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 PHY 12**	3.00	3.00	3.00	3.00	3.00	**3.00**
C103	**18ELE13**	1.20	1.20	2.10	1.20	1.20	**1.38**
C104	**18 CIV 14**	3.00	3.00	3.00	3.00	3.00	**3.00**
C105	**18 EGDL 15**	3.00	3.00	3.00	3.00	3.00	**3.00**
C106	**18 PHYL 16**	3.00	3.00	3.00	3.00	3.00	**3.00**
C107	**18 ELEL 17**	3.00	3.00	3.00	3.00	3.00	**3.00**
C108	**18 EGH 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	**18CHE22**	3.00	3.00	3.00	3.00	3.00	**3.00**
C111	**18CPS23**	3.00	3.00	3.00	3.00	3.00	**3.00**
C112	**18ELN24**	3.00	3.00	3.00	3.00	3.00	**3.00**
C113	**18ME25**	3.00	3.00	3.00	3.00	3.00	**3.00**
C114	**18CHEL26**	3.00	3.00	3.00	3.00	3.00	**3.00**
C115	**18CPL27**	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 Outcomes2019-2020

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 PHY 12**	3.00	3.00	3.00	3.00	3.00	**3.00**
C103	**18ELE13**	0.30	0.30	0.30	1.20	1.20	**0.66**
C104	**18 CIV 14**	0.30	0.30	1.20	1.20	1.20	**0.84**
C105	**18 EGDL 15**	3.00	3.00	3.00	3.00	3.00	**3.00**
C106	**18 PHYL 16**	3.00	3.00	3.00	3.00	3.00	**3.00**
C107	**18 ELEL 17**	3.00	3.00	3.00	3.00	3.00	**3.00**
C108	**18 EGH 18**	0.30	0.30	0.30	0.30	1.20	**0.48**
C109	**18MAT21**	3.00	3.00	3.00	3.00	3.00	**3.00**
C110	**18CHE22**	3.00	3.00	3.00	3.00	3.00	**3.00**
C111	**18CPS23**	3.00	3.00	3.00	3.00	3.00	**3.00**
C112	**18ELN24**	2.10	3.00	3.00	2.10	3.00	**2.64**
C113	**18ME25**	3.00	3.00	3.00	3.00	3.00	**3.00**
C114	**18CHEL26**	3.00	3.00	3.00	3.00	3.00	**3.00**
C115	**18CPL27**	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 Outcomes2018-2019

COURSE CODE		CO1	CO2	CO3	CO4	CO5	AVERAGE
C101	**18MAT11**	3.00	3.00	3.00	3.00	3.00	**3.00**
C102	**18PHY12**	3.00	3.00	3.00	3.00	3.00	**3.00**
C103	**18ELE13**	3.00	2.10	1.20	2.10	1.20	**1.92**
C104	**18CIV14**	0.30	0.30	1.20	0.30	0.30	**0.48**
C105	**18EGDL15**	3.00	3.00	3.00	3.00	3.00	**3.00**
C106	**18PHYL16**	3.00	3.00	3.00	3.00	3.00	**3.00**
C107	**18ELEL17**	3.00	3.00	3.00	3.00	3.00	**3.00**
C108	**18MAT21**	3.00	3.00	3.00	3.00	3.00	**3.00**
C109	**18CHE22**	3.00	3.00	3.00	3.00	3.00	**3.00**
C110	**18CPS23**	2.10	2.10	2.10	2.10	2.10	**2.10**
C111	**18ELN24**	0.30	1.20	0.30	0.30	0.30	**0.48**
C112	**18EME25**	3.00	3.00	3.00	3.00	3.00	**3.00**
C113	**18CHEL26**	3.00	3.00	3.00	3.00	3.00	**3.00**
C114	**18CPL27**	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:17.00

8.5.1 Indicate results of evaluation of each relevant POs.(15) Institute marks: 13.00

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 in charge and Average Of I.A Marks is calculated.
Assignments /Group Assignments/ Subject Seminars	Min 3 per semester	Assignments are evaluated by Course in charge. Final I A marks are 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 in charge. 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 in-charge. A final Average mark is 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

PO 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 PHY 12**	2.80	2.40	2.20	_	_	_	_	_	_	_	_	2.00
C103	**18ELE13**	1.38	0.92	_	_	_	0.73	1.40	_	_	_	_	_
C104	**18 CIV 14**	3.00	3.00	1.25	1.00	_	3.00	3.00	3.00	2.00	2.00	2.00	2.00
C105	**18 EGDL 15**	2.20	2.80	2.00	_	3.00	_	_	_	_	_	_	_
C106	**18 PHYL 16**	3.00	2.50	1.33	_	_	_	_	_	2.00	_	_	2.00
C107	**18 ELEL 17**	3.00	2.33	_	_	_	_	_	1.00	3.00	2.00	_	_

C108	**18 EGH 18**	_	_	_	_	_	_	_	2.00	3.00	3.00	2.00	3.00
C109	**18MAT21**	3.00	2.00	1.40	_	_	_	_	_	_	_	_	_
C110	**18CHE22**	3.00	2.00	1.00	1.00	_	_	_	_	_	_	_	_
C111	**18CPS23**	2.20	3.00	2.80	2.00	_	_	_	_	_	_	_	1.00
C112	**18ELN24**	3.00	2.75	3.00	_	_	_	_	_	1.00	2.00	1.00	3.00
C113	**18ME25**	3.00	1.50	_	_	_	1.67	2.00	_	1.00	1.00	_	2.00
C114	**18CHEL26**	3.00	2.00	1.00	_	_	_	_	_	_	_	_	_
C115	**18CPL27**	3.00	2.00	1.00	_	_	_	_	_	_	_	_	_
C116	**18EGH28**	_	_	_	_	_	_	_	3.00	3.00	3.00	2.00	3.00

PO Attainment

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment	2.76	2.23	1.68	1.33	3.00	1.80	2.13	2.25	2.14	2.17	1.75	2.25
CO Attainment	2.76	2.23	1.68	1.33	3.00	1.80	2.13	2.25	2.14	2.17	1.75	2.25

PSOs Attainment

COURSE		PSO1	PS02
C101	**18 MAT 11**	_	1.20
C102	**18 PHY 12**	2.00	_
C103	**18ELE13**	_	_
C104	**18 CIV 14**	2.00	1.00
C105	**18 EGDL 15**	1.00	1.00
C106	**18 PHYL 16**	2.00	_
C107	**18 ELEL 17**	1.00	1.00
C108	**18 EGH 18**	_	_
C109	**18MAT21**	_	1.00
C110	**18CHE22**	1.00	_
C111	**18CPS23**	2.80	2.60
C112	**18ELN24**	3.00	1.80
C113	**18ME25**	2.00	3.00
C114	**18CHEL26**	_	_
C115	**18CPL27**	1.00	_
C116	**18EGH28**	_	_

PSO Attainment Level

COURSE	PSO1	PS02
Direct Attainment	1.78	1.58
CO Attainment	1.78	1.58

POs Attainment 2019-2020

COURSE		PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2
C10 1	18 MAT 11	3.00	2.00	1.50	_	_	_	_	_	_	_	_	_
C10 2	18 PHY 12	2.80	2.40	2.20	_	_	_	_	_	_	_	_	2.00
C10 3	18ELE13	0.66	0.44	0.22	_	_	0.30	_	_	_	_	_	_
C10 4	18 CIV 14	0.84	0.84	0.35	0.40	_	0.30	0.30	0.30	0.20	0.20	0.20	0.56
C10 5	18 EGDL 15	2.20	2.80	2.00	_	3.00	_	_	_	_	_	_	_
C10 6	18 PHYL 16	2.20	2.80	2.00	_	3.00	_	_	_	_	_	_	_
C10 7	18 ELEL 17	2.20	2.80	2.00	_	3.00	_	_	_	_	_	_	_
C10 8	18 EGH 18	_	_	_	_	_	_	_	_	0.32	0.48	0.32	0.48
C10 9	18MAT21	3.00	2.00	1.40	_	_	_	_	_	_	_	_	_
C11 0	18CHE22	3.00	2.00	1.00	1.00	_	_	_	_	_	_	_	_
C11 1	18CPS23	3.00	2.00	1.00	1.00	2.00	_	_	_	_	_	_	2.47
C11 2	18ELN24	2.44	2.16	1.96	_	_	1.70	1.80	_	_	_	_	1.76
C11 3	18ME25	3.00	1.50	_	_	_	1.67	2.00	_	1.00	1.00	_	0.20
C11 4	18CHEL2 6	3.00	2.00	1.00	_	_	_	_	_	_	_	_	_
C11 5	18CPL27	2.60	3.00	2.80	1.33	_	_	_	_	_	_	_	1.00
C11 6	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	2.42	2.05	1.49	0.93	2.75	0.99	1.37	0.30	0.88	1.17	0.84	1.43
CO Attainment	2.42	2.05	1.49	0.93	2.75	0.99	1.37	0.30	0.88	1.17	0.84	1.43

PSOs Attainment

COURSE		PSO1	PS02
C101	18 MAT 11	_	1.20
C102	18 PHY 12	2.00	_
C103	18ELE13	_	_
C104	18 CIV 14	0.56	0.28
C105	18 EGDL 15	1.00	1.00

C106	**18 PHYL 16**	_	1.00
C107	**18 ELEL 17**	_	1.00
C108	**18 EGH 18**	_	_
C109	**18MAT21**	_	1.00
C110	**18CHE22**	1.00	_
C111	**18CPS23**	2.00	1.00
C112	**18ELN24**	2.00	_
C113	**18ME25**	2.00	3.00
C114	**18CHEL26**	1.00	_
C115	**18CPL27**	2.20	1.96
C116	**18EGH28**	_	_

PSO Attainment Level

COURSE	PSO1	PS02
Direct Attainment	1.53	1.27
CO Attainment	1.53	1.27

POs Attainment 2018-2019

COURSE		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	PO11	PO12
C101	**18MAT11**	2.80	2.00	1.50	_	_	_	_	_	_	_	_	_
C102	**18PHY12**	3.00	2.40	2.20	_	_	2.00	2.00	_	_	_	_	2.00
C103	**18ELE13**	1.93	1.28	_	_	_	0.50	_	_	_	_	_	_
C104	**18CIV14**	0.48	0.44	_	_	_	0.30	0.30	0.20	0.20	0.20	0.20	0.32
C105	**18EGDL15**	2.20	2.80	2.00	_	3.00	1.00	1.00	_	_	_	_	1.00
C106	**18PHYL16**	3.00	2.50	1.33	_	_	_	_	_	2.00	_	_	2.00
C107	**18ELEL17**	3.00	2.33	_	_	_	_	_	1.00	3.00	2.00	_	_
C108	**18MAT21**	2.80	2.00	1.40	1.00	_	_	_	_	_	_	_	_
C109	**18CHE22**	3.00	2.00	1.00	1.00	_	_	_	_	_	_	_	_
C110	**18CPS23**	2.10	1.40	0.70	0.70	1.40	_	_	_	_	_	_	1.79
C111	**18ELN24**	0.48	0.33	0.16	_	_	_	_	_	0.33	0.33	_	0.20
C112	**18EME25**	3.00	1.50	_	_	_	2.33	2.00	_	1.00	1.00	_	2.00
C113	**18CHEL26**	3.00	2.00	1.00	_	_	_	_	_	_	_	_	_
C114	**18CPL27**	3.00	2.00	2.00	1.00	3.00	_	_	_	_	_	_	1.87

PO Attainment Level

COURSE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Direct Attainment	2.41	1.78	1.33	0.93	2.47	1.23	1.33	0.60	1.31	0.88	0.20	1.40
CO Attainment	2.41	1.78	1.33	0.93	2.47	1.23	1.33	0.60	1.31	0.88	0.20	1.40

PSOs Attainment

COURSE		PSO1	PS02
C101	**18MAT11**	_	1.20
C102	**18PHY12**	2.00	_
C103	**18ELE13**	0.40	0.40
C104	**18CIV14**	_	_
C105	**18EGDL15**	_	1.00
C106	**18PHYL16**	2.00	_
C107	**18ELEL17**	1.00	1.00
C108	**18MAT21**	_	1.00
C109	**18CHE22**	1.00	_
C110	**18CPS23**	1.40	0.70
C111	**18ELN24**	_	0.20
C112	**18EME25**	1.00	1.00
C113	**18CHEL26**	_	_
C114	**18CPL27**	3.00	2.00

PSO Attainment Level

COURSE	PSO1	PS02
Direct Attainment	1.47	0.94
CO Attainment	1.47	0.94

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: 4.00

*(*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	**Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.		
	2.2	**2.76**	• 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	**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.		
	2.1	**2.23**	• Targetis 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	**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	**1.68**	• Target is not attained
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	**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	**1.33**	• Target is not attained
Action 1	Practical approach for explaining various concepts were adopted by teaching faculties in their regular classes.		
Action 2	Students were guided to solve problems using C Programming language.		
PO5	**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.		
	2.2	**3.00**	• 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	**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.		
	1.8	**1.80**	• 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.		
Action 2	We Conducted creative online poster to promote tourism in India from 09.08.2021 to 22.08.2021.		
PO7	**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.		
	1.8	**2.13**	• 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	**Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.		

	1.8	**2.25**	• 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 for plagiarism with the plagiarism testing software available in the Library.		
PO9	**Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.		
	1.8	**2.14**	Target is attained. • It is proposed to increase the target level in the next academic year.
Action 1	Department have various professional bodies like CSI,BYTES,IEEE,IEI,ISTE to support students to develop their interpersonal and leadership qualities.		
Action 2	Equinox club organizes many activitiesto support students of different disciplines to come together and carryout inter disciplinary projects.		
Action 3	Training and placement department organized group discussions for first year students from 08.07.2021 to 13.07.2021to improve students individual and team work skills.		
PO10	**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.		
	1.8	**2.17**	Target is attained. • It is proposed to increase the target level in the next academic year.
Action 1	Training and placement department organized group discussions for first year students from 08.07.2021 to 13.07.2021to improve students personality.		
Action 2	Students participated in Seminars in regular classes which help them to improve their communication and presentation skills.		
PO11	**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.		
	1.8	**1.75**	• Target is not attained.
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:** 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.		
	1.8	**2.25**	• Target is attained. • It is proposed to increase the target level in the next academic year.
Action 1	We Create awareness to students aboutMOOC'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	Ability to understand, analyze problems and implement solutions in Programming languages, as well to apply concepts in core areas of Computer Science in association with professional bodies and clubs.		
	1.8	1.78	• Target is not attained
Action 1	Students were given analytical assignments to enhance their analyze capabilities.		
Action 2	Students were guided to solve problems using C Programming language.		
PSO2	Ability to use computational skills and apply software knowledge to develop effective solutions and data to address real world challenges.		
	1.8	1.58	• Target is not attained
Action 1	Students were encouraged to participate in programming language based competition.		
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:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.		

	2.1	**2.38**	• 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:** 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	**2.06**	• Targetis 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	**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	**1.54**	• Target is not attained
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	**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	**0.91**	• Target is not attained
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	**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		

<table>
<tr><td></td><td colspan="3">limitations.</td></tr>
<tr><td></td><td>2.1</td><td>3.00</td><td>● Target is attained
● It is proposed to increase the target level in the next academic year.</td></tr>
<tr><td>Action 1</td><td colspan="3">We Conducted Guest lecture on “How physicists came to know about QUANTUM MECHANICS’’ On 07/11/2019 byDr.S.P .Basavaraju.</td></tr>
<tr><td>PO6</td><td colspan="3">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.</td></tr>
<tr><td></td><td>1.8</td><td>0.99</td><td>● Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">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 andenvironmental issues.</td></tr>
<tr><td>Action 2</td><td colspan="3">SWACHHA BHARAT ABHIYANA Organized by NSS UNIT On 16.09.2019.</td></tr>
<tr><td>PO7</td><td colspan="3">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.</td></tr>
<tr><td></td><td>1.8</td><td>1.37</td><td>● Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">Involved students of all the semester to participate in HASIRU ABHIYANA organized by NSS cell on 21.09.2019.</td></tr>
<tr><td>Action 2</td><td colspan="3">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 andenvironmental issues.</td></tr>
<tr><td>PO8</td><td colspan="3">Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.</td></tr>
<tr><td></td><td>1.8</td><td>0.30</td><td>● Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">70th National constitution day celebration on 26.11.2019.</td></tr>
<tr><td>Action 2</td><td colspan="3">Guest lecture conducted on Core values, Peer pressure, and courage in dealing issues in life on 12.02.2020.</td></tr>
<tr><td>Action 3</td><td colspan="3">We ourselves follow and insist students to check for plagiarism with the</td></tr>
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<tr><td></td><td colspan="3">plagiarism testing software available in the Library.</td></tr>
<tr><td rowspan="2">PO9</td><td colspan="3">Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</td></tr>
<tr><td>1.8</td><td>0.88</td><td>• Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">Department have various professional bodies like CSI,BYTES,IEEE,IEI,ISTE to support students to develop their interpersonal and leadership qualities.</td></tr>
<tr><td>Action 2</td><td colspan="3">Equinox club organizes many activities to support students of different disciplines to come together and carryout inter disciplinary projects.</td></tr>
<tr><td rowspan="2">PO10</td><td colspan="3">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.</td></tr>
<tr><td>1.8</td><td>1.17</td><td>• Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">Training and placement department organized group discussions for first year students from 13.08.2019 to 16.08.2019to improve students personality.</td></tr>
<tr><td>Action 2</td><td colspan="3">Students participated in Seminars in regular classes which help them to improve their communication and presentation skills.</td></tr>
<tr><td rowspan="2">PO11</td><td colspan="3">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.</td></tr>
<tr><td>1.8</td><td>0.84</td><td>• Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">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.</td></tr>
<tr><td rowspan="2">PO12</td><td colspan="3">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.</td></tr>
<tr><td>1.8</td><td>1.29</td><td>• Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">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, Bhumika K and Kishan were able to complete courses online over coursera.</td></tr>
</table>

PSOs - Attainment Levels and Actions for improvement – (2019-20)

PSOs	Target Level	Attainment Level	Observation
PSO1	Ability to understand, analyze problems and implement solutions in Programming languages, as well to apply concepts in core areas of Computer Science in association with professional bodies and clubs.		
	1.8	1.47	• Target is not attained
Action 1	Students were given analytical assignments to enhance their analyze capabilities.		
Action 2	Students were guided to solve problems using C Programming language.		
PSO2	Ability to use computational skills and apply software knowledge to develop effective solutions and data to address real world challenges.		
	1.8	1.31	• Target is not attained
Action 1	Students were encouraged to participate in programming language based competition.		
Action 2	Workshop were conducted on Android Application Development.		

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:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.		
	2.0	**2.41**	• 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 on 21.08.2018 to 29.08.2018.		
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	**1.78**	• Target is not attained
Action 1	Solved more number of numerical in regular classes and assignments were given for complex problems.		
Action 2	Conducted Guest Lecture on Artificial Intelligence 17-11-2018by G T Raju, Vice Principal, RNSIT.		
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	**1.33**	● Target is not attained
Action 1	Conducted seminar on Robotics and Home Automation on 27-2-2019 by Prof. Sreenivasa Shetty, Founder of SST Technologies, Bangalore.		
Action 2	Conducted Mini Project Exhibition Computer Graphics and Visualisation on 13-5-2019to encourage the students to carryout projects.		
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	**0.92**	● Target is not attained
Action 1	Practical approach for explaining various concepts were adopted by all the teaching faculties in their regular classes.		
Action 2	We motivate students to attend National and International Conferences, so that student scan find solutions to complex problems.		
PO5	**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.		
	2.0	**2.47**	● Target is attained ● It is proposed to increase the target level in the next academic year.
Action 1	Conducted Sentinel Hack 1.0 on 9.10.2018 and 10.10.2018 to involve students in understanding and fabricating modern engineering and IT tools.		
PO6	**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.		
	1.8	**1.23**	● Target is not attained.
Action 1	Conducted technical talk on Mobile App Development on 22-2-2019 by equinox club.		
Action 2	Conducted 7 days Special camp (SANKALPA) by NSS on 12.07.2018 to 18.07.2018 to create awareness on social and environmental issues.		
PO7	**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.		
	1.8	**1.32**	● Target is not attained.
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 05.06.2018.		
PO8	**Ethics:** Apply ethical principles and commit to professional ethics and		

<table>
<tr><td></td><td colspan="3">responsibilities and norms of the engineering practice.</td></tr>
<tr><td></td><td>1.8</td><td>0.60</td><td>• Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">Drug abuse awareness programme conducted on 06.09.2018 by Thalagattapura police.</td></tr>
<tr><td>Action 2</td><td colspan="3">Organized one week NSS camp from 12.07.2018 to18.07.2018 to make students to understand professional ethics and responsibilities.</td></tr>
<tr><td>Action 3</td><td colspan="3">We ourselves follow and insist students to check for plagiarism with the plagiarism testing software available in the Library.</td></tr>
<tr><td rowspan="2">PO9</td><td colspan="3">Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.</td></tr>
<tr><td>1.8</td><td>1.30</td><td>• Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">Department have various professional bodies like CSI,BYTES,IEEE,IEI,ISTE to support students to develop their interpersonal and leadership qualities.</td></tr>
<tr><td>Action 2</td><td colspan="3">Conducted Sentinel Hack 1.0 on 9.10.2018 and 10.10.2018 to improve their individual and team work.</td></tr>
<tr><td>Action 3</td><td colspan="3">Equinox club organizes many activities to support students of different disciplines to come together and carryout inter disciplinary projects.</td></tr>
<tr><td>Action 4</td><td colspan="3">Placement training was conducted on 16-8-2018 to 20-8-2018 for all students during the beginning of the semester and ideas were given on how to improve their leadership skills and how to manage a team by a soft skills trainer.</td></tr>
<tr><td rowspan="2">PO10</td><td colspan="3">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.</td></tr>
<tr><td>1.8</td><td>0.88</td><td>• Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">Conducted IT Quiz on 21-2-2019 which helps to improve their communication and presentation skills.</td></tr>
<tr><td>Action 2</td><td colspan="3">Training and placement department organized group discussions from 16-8-2018 to 20-8-2018 for first year students during the beginning of the semesters</td></tr>
<tr><td>Action 3</td><td colspan="3">Students participated in seminars in regular classes which helps to improve their communication and presentation skills.</td></tr>
<tr><td rowspan="2">PO11</td><td colspan="3">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.</td></tr>
<tr><td>1.8</td><td>0.20</td><td>• Target is not attained.</td></tr>
<tr><td>Action 1</td><td colspan="3">Conducted Mini Project Exhibition Computer Graphics and Visualisation on 13-5-2019to encourage the students to carryout projects.</td></tr>
</table>

Action 2	Conducted Campus Induction program from 21.08.2018 to 29.08.2018 to improve leadership qualities, team building, time management, career counselling.		
PO12	**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.		
	1.8	**1.39**	• Target is notattained.
Action 1	Create awareness about various free avenues to enroll online courses and continue their learning in their area of interests.		

PSOs - Attainment Levels and Actions for improvement – (2018-19)

PSOs	**Target Level**	**Attainment Level**	**Observation**
PSO1	Ability to understand, analyze problems and implement solutions in Programming languages, as well to apply concepts in core areas of Computer Science in association with professional bodies and clubs.		
	1.8	1.48	• Target is not attained
Action 1	Students were given analytical assignments to enhance their analyze capabilities.		
Action 2	Students were guided to solve problems using C Programming language.		
PSO2	Ability to use computational skills and apply software knowledge to develop effective solutions and data to address real world challenges.		
	1.8	0.94	• Target is not attained
Action 1	Students were encouraged to participate in programming language based competition.		
Action 2	Workshops were conducted on Android Application Development.		

9 STUDENT SUPPORT SYSTEMS (50) Total Marks: 50.00

9.1 Mentoring system to help at individual level (5) Total Marks: 5.00

Institute Marks: 5.00

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:

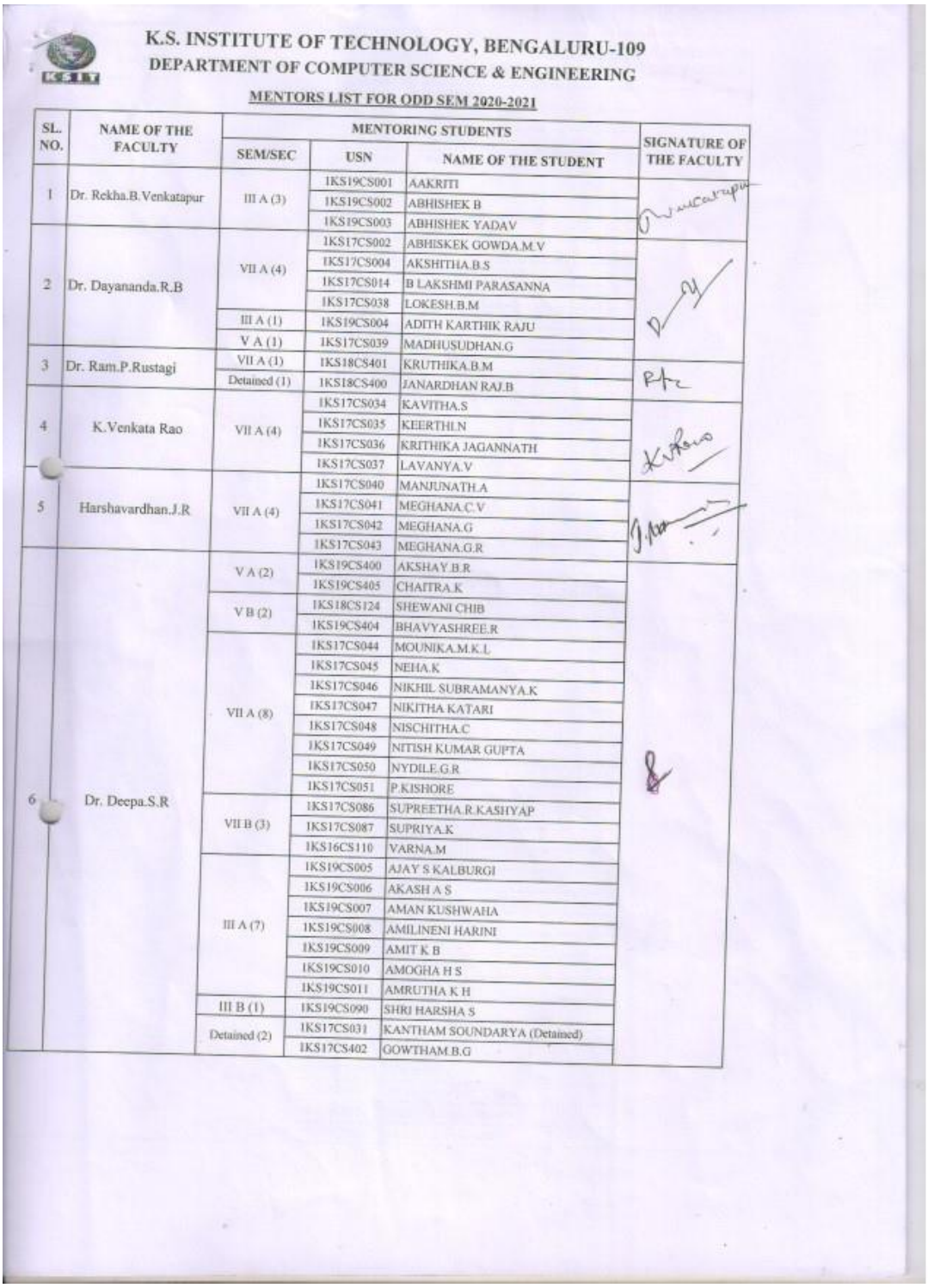
- To create an environment that supports the academic and psychological development of the mentees.
- To impart directions with regards to the smart methods of learning and writing examinations.
- To give inputs on selection of electives, seminar topics, internships & projects.
- To encourage the mentees 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, BENGALURU-109
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MENTORS LIST FOR ODD SEM 2020-2021

SL. NO.	NAME OF THE FACULTY	MENTORING STUDENTS			SIGNATURE OF THE FACULTY
		SEM/SEC	USN	NAME OF THE STUDENT	
1	Dr. Rekha.B.Venkatapur	III A (3)	1KS19CS001	AAKRITI	
			1KS19CS002	ABHISHEK B	
			1KS19CS003	ABHISHEK YADAV	
2	Dr. Dayananda.R.B	VII A (4)	1KS17CS002	ABHISKEK GOWDA.M.V	
			1KS17CS004	AKSHITHA.B.S	
			1KS17CS014	B LAKSHMI PARASANNA	
			1KS17CS038	LOKESH.B.M	
		III A (1)	1KS19CS004	ADITH KARTHIK RAJU	
		V A (1)	1KS17CS039	MADHUSUDHAN.G	
3	Dr. Ram.P.Rustagi	VII A (1)	1KS18CS401	KRUTHIKA.B.M	
		Detained (1)	1KS18CS400	JANARDHAN RAJ.B	
4	K.Venkata Rao	VII A (4)	1KS17CS034	KAVITHA.S	
			1KS17CS035	KEERTHI.N	
			1KS17CS036	KRITHIKA JAGANNATH	
			1KS17CS037	LAVANYA.V	
5	Harshavardhan.J.R	VII A (4)	1KS17CS040	MANJUNATH.A	
			1KS17CS041	MEGHANA.C.V	
			1KS17CS042	MEGHANA.G	
			1KS17CS043	MEGHANA.G.R	
6	Dr. Deepa.S.R	V A (2)	1KS19CS400	AKSHAY.B.R	
			1KS19CS405	CHAITRA.K	
		V B (2)	1KS18CS124	SHEWANI CHIB	
			1KS19CS404	BHAVYASHREE.R	
		VII A (8)	1KS17CS044	MOUNIKA.M.K.L	
			1KS17CS045	NEHA.K	
			1KS17CS046	NIKHIL SUBRAMANYA.K	
			1KS17CS047	NIKITHA KATARI	
			1KS17CS048	NISCHITHA.C	
			1KS17CS049	NITISH KUMAR GUPTA	
			1KS17CS050	NYDILE.G.R	
			1KS17CS051	P.KISHORE	
		VII B (3)	1KS17CS086	SUPREETHA.R.KASHYAP	
			1KS17CS087	SUPRIYA.K	
			1KS16CS110	VARNA.M	
		III A (7)	1KS19CS005	AJAY S KALBURGI	
			1KS19CS006	AKASH A S	
			1KS19CS007	AMAN KUSHWAHA	
			1KS19CS008	AMILINENI HARINI	
			1KS19CS009	AMIT K B	
			1KS19CS010	AMOGHA H S	
			1KS19CS011	AMRUTHA K H	
		III B (1)	1KS19CS090	SHRI HARSHA S	
		Detained (2)	1KS17CS031	KANTHAM SOUNDARYA (Detained)	
			1KS17CS402	GOWTHAM.B.G	

SL. NO.	NAME OF THE FACULTY	MENTORING STUDENTS			SIGNATURE OF THE FACULTY
		SEM/SEC	USN	NAME OF THE STUDENT	
7	Vaneeta.M	V A (13)	1KS18CS001	ADARSH K	
			1KS18CS002	AMARAVATHI M	
			1KS18CS003	ANIKETH.H	
			1KS18CS005	ANUSHRUTI SINGH	
			1KS18CS006	ARUNA P	
			1KS18CS007	ASHWINI J	
			1KS18CS008	AVINASH PRASAD	
			1KS18CS009	B DEVA DEEKSHITH	
			1KS18CS010	BHAGWAT GOUTAM	
			1KS18CS012	BHOOMIKA H	
			1KS18CS013	BHUVANA CHANDRIKA GANTI	
			1KS18CS014	BRIJESH.S	
			1KS19CS411	RANJITHA.H.D	
		III A (2)	1KS19CS012	ANAGHA A HEBBAR	
			1KS19CS014	ANUSHA B	
		VII A (1)	1KS15CS050	LAXMI.K.V	
		III B (5)	1KS19CS091	SINDHU S	
			1KS19CS092	SMRITHI SHEKAR	
			1KS19CS093	SRIJAN K	
			1KS19CS094	SRUSTI S GOWDA	
			1KS19CS095	SUHAS C	
		Detained (4)	1KS18CS004	ANIRUDH SHASTRY H (Detained)	
			1KS15CS053	MANASA.V	
			1KS15CS059	NAGESH VINAY S	
			1KS16CS122	TEJASHWINI.B.P	
8	Sougandhika Narayan	V A (18)	1KS18CS043	MAHARAJ S	
			1KS18CS044	MAHESH B V	
			1KS18CS045	MANIKONDA TEJARUN	
			1KS18CS046	MANVITH P	
			1KS18CS047	MD SUJAN	
			1KS18CS049	MEGHASHREE A	
			1KS18CS050	MIKKIN K M	
			1KS18CS051	MONICA S	
			1KS18CS052	MONIKA.K.C	
			1KS18CS053	MOPURI SREELAKSHMI	
			1KS18CS054	N SAI JAHANAVI	
			1KS18CS055	NAGARJUN N	
			1KS18CS056	NANDINI J K	
			1KS18CS057	NARASIMHA MAIYA G S	
			1KS18CS058	NARASIMHARAJU R	
			1KS18CS059	NIKHIL.M	
			1KS18CS060	NIKHIL VASAN	
			1KS19CS403	DHAVANI.K.G	
		III A (2)	1KS19CS015	AQSA AQEEL	
			1KS19CS016	ASHIKA H N	
		III B (4)	1KS19CS096	SUHAS S	
			1KS19CS097	SUSHMITHA K	
			1KS19CS098	SWETHA M KULKARNI	
			1KS19CS099	SYED ZAINUL ABIDIN	
		Detained (1)	1KS18CS048	MEGHANA J (Detained)	

SL. NO.	NAME OF THE FACULTY	MENTORING STUDENTS			SIGNATURE OF THE FACULTY
		SEM/SEC	USN	NAME OF THE STUDENT	
9	Vijayalaxmi.M	V A (6)	1KS18CS015	CHAITHRA R	
			1KS18CS016	CHANDAN KUMAR	
			1KS18CS017	DANDU NIHARIKA	
			1KS18CS018	DHANANJAYA S	
			1KS18CS019	DHRUV JYOTI SHUKLA	
			1KS19CS409	KARTHIK PRAKASH	
		VII B (13)	1KS17CS069	SAI KUMAR.L.S	
			1KS17CS070	SAI SNEHA.S.V	
			1KS17CS071	SAKSHI KUMARI	
			1KS17CS072	SANDESH NAIKAL	
			1KS17CS074	SHARANYA H	
			1KS17CS075	SHASHANK SHET.K	
			1KS17CS076	SHREYAS.R	
			1KS17CS077	SHRI HARSHA KULKARNI	
			1KS17CS078	SINDHU.H.S	
			1KS17CS081	SPOORTHI.R	
			1KS17CS082	SPOORTHI.V	
			1KS17CS083	SRIKALA.K.M	
			1KS17CS084	SRUSHTI.A	
		V B (2)	1KS17CS080	SOUVIK MANDAL	
			1KS17CS073	SAURAV SUMAN	
		III B (4)	1KS19CS100	TALLURU MAURYA	
			1KS19CS101	TANUSHREE R	
			1KS19CS102	TEJAS N	
			1KS19CS103	TEJAS P	
10	Sanjoy Das	V A (3)	1KS19CS412	RUSHI.C.S	
			1KS16CS068	PRERANA.D.S	
			1KS16CS069	PRIYANKA.E	
		V B (1)	1KS18CS116	VIJAYASHREE.N.R	
		III A (16)	1KS19CS031	GAGAN REDDY S	
			1KS19CS032	GAGANDEEP K	
			1KS19CS033	GEETHANJALI B K PRASAD	
			1KS19CS034	GULSHAN KUMAR S	
			1KS19CS035	HARSHITHA J	
			1KS19CS036	INDRAJITH H M	
			1KS19CS037	JEEVAN T O	
			1KS19CS038	K KISHAN	
			1KS19CS039	K R VAGEESH	
			1KS19CS040	KALYAN CHOWDHARY B	
			1KS19CS041	KARTHIK S MORAJKAR	
			1KS19CS042	KAVYASHREE.S.L	
			1KS19CS043	KEERTHAN GOWDA S	
			1KS19CS044	KOTHAPALLI SREEJA	
			1KS19CS045	KOTTALA SAIVENKATASUCHITH	
			1KS19CS046	KRISHNA K R	
		III B (3)	1KS19CS104	TEJASWINI NAYAKA S	
			1KS19CS105	THANUSHREE S	
			1KS19CS106	THIRUMAL R	
		Detained (2)	1KS16CS075	RASINENI SUPRITH	
			1KS16CS080	SAHANA T.S	

SL. NO.	NAME OF THE FACULTY	MENTORING STUDENTS			SIGNATURE OF THE FACULTY
		SEM/SEC	USN	NAME OF THE STUDENT	
11	Roopesh Kumar.B.N	V A (1)	1KS19CS408	KALPITHA.A.J	
		III A (14)	1KS19CS047	KUMAR S	
			1KS19CS048	LIKITH G	
			1KS19CS049	LISHA C	
			1KS19CS050	MAHAK SHREE	
			1KS19CS051	MALLIPALLI SPURTHI REDDY	
			1KS19CS052	MANASA G L	
			1KS19CS053	MOHAMMED NOOR AMAN	
			1KS19CS054	MUKESH KUMAR	
			1KS19CS055	MYTHREYI U	
			1KS19CS056	N ASHOK	
			1KS19CS057	N BHAVYA	
			1KS19CS058	N P SHASHANKA RAO	
			1KS18CS011	BHARATH R	
			DIP	AKIF DELVI	
		III B (8)	1KS19CS059	NAVEEN K M	
			1KS19CS060	NEELAMMA SALI	
			1KS19CS061	NETHRA R	
			1KS19CS062	NIKHIL CHOWDARY V R	
			1KS19CS063	NITHYA S N	
			1KS19CS064	PAVAN B INDRESH	
			1KS19CS115	AKSHAY R	
			DIP	NITHIN S	
		V B (2)	1KS18CS084	RUBA ABDUL RAHMAN	
			1KS18CS117	VIJETHA	
12	Kushal Kumar.B.N	V A (1)	1KS19CS406	DHANALAKSHMI.B	
		III B (19)	1KS19CS065	PAVAN L	
			1KS19CS066	PAVITHRA S P	
			1KS19CS067	POOJA J	
			1KS19CS068	POTHURU SAI PRIYANKA	
			1KS19CS069	PRAJWAL G	
			1KS19CS070	PRAJWAL KULKARNI	
			1KS19CS071	PREETHI K P	
			1KS19CS072	PRIYA E	
			1KS19CS073	PRIYANKA R	
			1KS19CS074	PUVAN KUMAR V	
			1KS19CS075	R V YASHVANTH	
			1KS19CS076	RAJ KUMAR	
			1KS19CS077	RAKESH M J	
			1KS19CS078	RAKSHA T M	
			1KS19CS079	RANJITHA D V	
			1KS19CS080	SAHANA S	
			1KS19CS081	SAI SHIRISHA S D	
			1KS19CS082	SANGHARSH KUMAR RAI	
			1KS19CS083	SANJEEV MYSORE	
		V B(4)	1KS18CS118	VINOD H MALALI	
			1KS18CS086	SAMHITHA	
			1KS18CS087	SANDEEP KUMAR	
			1KS18CS088	SAURAV KUMAR	
		Detained (1)	1KS16CS028	J.SARVESH	

SL. NO.	NAME OF THE FACULTY	MENTORING STUDENTS			SIGNATURE OF THE FACULTY
		SEM/SEC	USN	NAME OF THE STUDENT	
13	Kumar.K	V A (1)	1KS19CS410	RAMYA.R	
		V B (9)	1KS18CS065	P SAI RAM	
			1KS18CS066	PAVAN P	
			1KS18CS067	POOJASHREE K	
			1KS18CS069	PRANAV M S	
			1KS18CS070	PRATEEK HAVALE	
			1KS18CS089	SAURAV S MAKAM	
			1KS18CS090	SHALINI S	
			1KS18CS091	SHASHANK G	
			1KS18CS115	VIJAY.N.S	
		VII B (13)	1KS17CS055	POOJA.R	
			1KS17CS056	PRASHANTH.K	
			1KS17CS057	PRAVEEN	
			1KS17CS058	PRAVEEN.A	
			1KS17CS059	PRAVEEN.S	
			1KS17CS060	RAJASHREE SHIVAKUMAR	
			1KS17CS061	RAKSHITH.R	
			1KS17CS062	ROHITH.K	
			1KS17CS063	ROHITH.R	
			1KS17CS064	ROOPASHREE.N	
			1KS17CS065	ROSHINI.R	
			1KS17CS066	RUCHITHA.G.K	
			1KS17CS067	S.MONIKA	
		III B (1)	1KS18CS068	PRAJWAL.N	
		Detained (1)	1KS17CS068	S.TEJAS	
14	Raghavendrachar.S	V B (6)	1KS18CS064	NOOR SUMAIYA	
			1KS18CS092	SHASHANK MISHRA	
			1KS18CS093	SHIVANGI SRIVASTAVA	
			1KS18CS094	SHIVA PRAKASH T	
			1KS18CS114	VENKATESH M N	
			1KS19CS414	Y.MRUDULA JAIN	
		VII A (1)	1KS17CS028	HANUMESH.V.T	
		VII B (16)	1KS17CS079	SINDU.M	
			1KS17CS085	SUJANA.G.N	
			1KS17CS088	SURAKSHITHA.M	
			1KS17CS089	SWATI PAI	
			1KS17CS090	T.K.DHANUSHREE	
			1KS17CS091	TALUPULA SIVA SAI CHAITHANYA	
			1KS17CS092	TEJAS.C.S	
			1KS17CS093	THARUN.K	
			1KS17CS094	VARSHINI.N.PRAKASH	
			1KS17CS095	VARSHITHA.S	
			1KS17CS096	VARUN ATTIGANAL VENKATESH	
			1KS17CS097	VARUN.R.REDDY	
			1KS17CS098	VIKRAM SHIVAPPA CHATTARAKI	
			1KS17CS099	VINAY RAMARAO BIRADAR	
			1KS17CS100	VISHAL.M.S	
			1KS17CS101	VYBHAVI.J	
		Detained (2)	1KS16CS059	P.VENKAT SAI	
			1KS15CS021	CHETAN.S.KHOT	

SL. NO.	NAME OF THE FACULTY	MENTORING STUDENTS			SIGNATURE OF THE FACULTY
		SEM/SEC	USN	NAME OF THE STUDENT	
15	Aditya Pai.H	V B (17)	1KS18CS071	PRAVEEN KUMAR K	Aditya 29.01.2021
			1KS18CS072	PREETHI K	
			1KS18CS073	PUJARI VISHNU PRIYA	
			1KS18CS074	PULLUR PAVAN KUMAR	
			1KS18CS075	R DEKSHITHA	
			1KS18CS076	R PRATIKSHA	
			1KS18CS077	RAMYA R	
			1KS18CS078	RAHUL.P	
			1KS18CS079	RAIPALLE SHREYAA	
			1KS18CS080	RAKSHA S	
			1KS18CS081	RAKSHITH KUMAR.N	
			1KS18CS082	REKHA N C	
			1KS18CS083	RITHANA.N.RAJ	
			1KS19CS413	SAHANA.V	
			1KS18CS095	SHUBHASHINI.R	
			1KS18CS096	SINDU A S	
			1KS18CS097	SOURABH SANTOSH KAMBLE	
		VII B (2)	1KS15CS125	ADARSH SHRESTHA	
			1KS17CS401	BHARATHI.R	
		III B(4)	1KS19CS086	SHANVI B P	
			1KS19CS087	SHIVANI G K	
			1KS19CS088	SHREESHA S	
			1KS19CS089	SHREYA R KIRAN	
		Detained (2)	1KS15CS007	ALANKRITHA.P.B	
			1KS17CS400	A. MOHAMMED AJAZ	
16	Swathi K	V A (3)	1KS18CS061	NIKIL B S	4 mentor Books not given Swathi 06/2/21
			1KS18CS062	NIKITHA M	
			1KS17CS054	PAVITHRA.K.R	
		V B (6)	1KS18CS063	NITISH KUMAR.M.R	
			1KS18CS098	SRI CHANDANA P	
			1KS18CS099	SRIVIDYA H R	
			1KS18CS100	SUBRAMANYA N	
			1KS18CS108	THAMMINENI HEMANTH CHOWDARY	
			1KS19CS401	ARPITHA.G	
		VII A (12)	1KS17CS021	DEEKSHITHA R	
			1KS17CS022	DEEPIKA.S.H	
			1KS17CS023	DIVYA Y YASHASWI KANNEY	
			1KS17CS024	GANESH.G.B	
			1KS17CS025	GANESH MAUDGHALYA.H.G	
			1KS17CS026	GAUTHAM.C.R	
			1KS17CS027	H.PRIYANKA	
			1KS17CS029	HARSHITHA.V	
			1KS17CS030	INDRASENA KALYANAM	
			1KS17CS032	KARAN RAGHUNATH	
			1KS17CS033	KARTHIK.T.C	
			1KS17CS102	SHRIRAKSHA.S.KANAGO	
		VII B (2)	1KS17CS052	PARTH P SHAH	
			1KS17CS053	PAVAN.M .	
		III B(2)	1KS19CS084	SANKALP KESTI	
			1KS19CS085	SATISH V	

SL. NO.	NAME OF THE FACULTY	MENTORING STUDENTS			SIGNATURE OF THE FACULTY
		SEM/SEC	USN	NAME OF THE STUDENT	
17	Krishna Gudi	V A (2)	1KS19CS402	B.K.SUSMITHA	
			1KS16CS085	SANJAY.D.HEBBAR	
		V B (3)	1KS18CS101	SUDHAKAR YASWANTH	
			1KS18CS102	SUDHANSHU JOSHI	
			1KS18CS125	R SOUMYA	
		III B (9)	1KS19CS107	THRIVENI U	
			1KS19CS108	UDHAY KUMAR G	
			1KS19CS109	VAISHNAVI G	
			1KS19CS110	VARSHA BAI R	
			1KS19CS111	VARUN KAMBALI	
			1KS19CS112	VISHAL GUPTA	
			1KS19CS113	YASHWANTH S R	
			1KS19CS114	YUVARAJ SINGH	
			DIP	ANUSHA A R	
		III A (9)	1KS19CS116	VRATHIKA BILLAVA	
			1KS19CS017	BHOOMIKA A M	
			1KS19CS018	BHOOMIKA K	
			1KS19CS019	BHUMIKA M	
			1KS19CS020	C N SHREYAS	
			1KS19CS021	CHAITANYA SHIVARAJU	
			1KS19CS022	CHANDAN B V	
			DIP	PRANAV CHANDRAN P	
			DIP	KEERTHI KUMAR V	
		VII A (1)	1KS16CS090	SHASHANK KAVUR	
		Detained (1)	1KS16CS097	SITAKANTA BISWAL	
18	Prashanth.H.S	V A (1)	1KS18CS020	FARIYA N	
		V B (14)	1KS18CS103	SUJAY G S	
			1KS18CS104	SUNAINA NAYAK	
			1KS18CS109	THIRUMALAI SHAKTIVEL C	
			1KS18CS110	VAISHAK P	
			1KS18CS111	VARIDHI MADHURANATH	
			1KS18CS112	VEDAVEDYA B H	
			1KS18CS113	VEERA SREENIDHI.R	
			1KS18CS123	ZAINA KHAN	
			1KS18CS126	RAYYAAN MOHIADDIN	
			1KS18CS127	ARVIND PATHAK	
			1KS18CS128	BHAGYASHREE.V	
			1KS18CS129	BI BI AYESHA	
			1KS18CS130	LIKITHA.S	
			1KS18CS131	SHALINI.K.P	
		VII A (1)	1KS16CS042	MEGHANA.H.S	
		III A (7)	1KS19CS023	DEEKSHA NAIDU R	
			1KS19CS024	DEEPA G	
			1KS19CS025	DEEPTHI.N.K	
			1KS19CS026	DEVI PRASAD N	
			1KS19CS028	DHEEMANTH G	
			1KS19CS029	DINESH M	
			1KS19CS030	G PRERITHA	
		Detained (2)	1KS16CS043	MEGHANA.R.K	
			1KS16CS050	NANCY JALLUNDHRA	

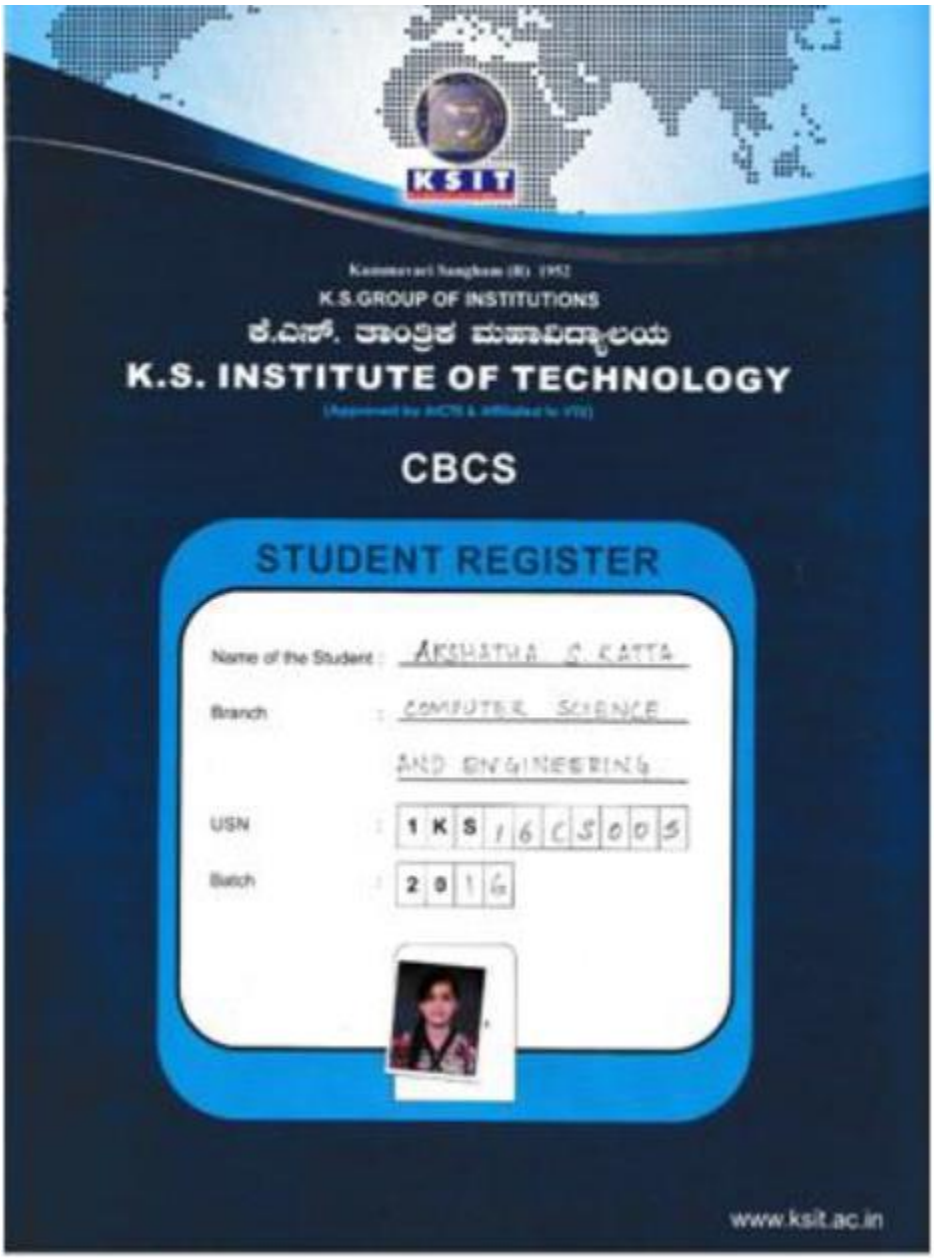
SL. NO.	NAME OF THE FACULTY	MENTORING STUDENTS			SIGNATURE OF THE FACULTY
		SEM/SEC	USN	NAME OF THE STUDENT	
19	Ranjitha.K.N	V A(21)	1KS18CS022	GAGANSURI M S	
			1KS18CS023	GANESH A	
			1KS18CS024	GOUTHAM M	
			1KS18CS025	GUNAL BINANI	
			1KS18CS026	HARSHITH C PRASAD	
			1KS18CS027	KANDIMALLA KRISHNA PAVITHRA	
			1KS18CS028	KARTHIK K	
			1KS18CS029	KAVITA CHAUDHARY	
			1KS18CS030	KENCHAM ARUN	
			1KS18CS031	KILARI ASHWIK	
			1KS18CS032	KILARI JASWANTH	
			1KS18CS033	KIRAN VEERANNA DAMBAL	
			1KS18CS034	KRITHIKA.K.N	
			1KS18CS035	KRUTHIKA.S.VASISHT	
			1KS18CS036	LEKKALA SHARANDEEP CHOWDARY	
			1KS18CS037	LATHA V	
			1KS18CS038	LAVANYA.C.R	
			1KS18CS039	LIKHITHA.N	
			1KS18CS040	LOKESH R	
			1KS18CS041	MADDILA JITENDRA	
			1KS18CS042	MADHUSUDHAN.S.R	
		III B (1)	1KS18CS021	G.SARAYU CHOWDARY	
		V B (2)	1KS15CS105	SRIHARI.B.SONDUR	
			1KS18CS105	SURAJ C JAWOOR	
		Detained (1)	1KS15CS104	SPOORTHI N	
20	Beena.K	V A (2)	1KS19CS407	GOLLA YASWANTH	
			1KS17CS009	ANUHYA.B.KULKARNI	
		V B (8)	1KS17CS012	ARPITA RAY	
			1KS17CS015	B R GAGAN	
			1KS18CS106	SUSHMITHA S	
			1KS18CS107	SWETHA BIJANAPALLI	
			1KS18CS119	VISHNUPRIYA D	
			1KS18CS120	VYJAYANTHI K S	
			1KS18CS121	YASHWANTH.K	
			1KS18CS122	YOGITA RAIKAR	
		VII A (14)	1KS17CS001	AAFREEN HUSSAIN	
			1KS17CS003	AKSHATHA RAMESH	
			1KS17CS005	AMOGH.R	
			1KS17CS006	AMOGHA MANJUNATHA.K	
			1KS17CS007	AMRUTHA.V.DESHPANDE	
			1KS17CS008	ANOOP.P.S	
			1KS17CS010	ANUSHA.A.G	
			1KS17CS011	ANUSHREE.J	
			1KS17CS013	ASHISH.K.AMAR	
			1KS17CS016	BHAVESH BHANSALI	
			1KS17CS017	CHAITRA	
			1KS17CS018	CHANDANA.B.R	
			1KS17CS019	CHENNA KESHAVA.N.T	
			1KS17CS020	DARSHAN.S	
		VII B (1)	1KS15CS128	SHARADHA.A	
		Detained (1)	1KS16CS405	KAVITHA.M	

SL. NO.	NAME OF THE FACULTY	MENTORING STUDENTS			SIGNATURE OF THE FACULTY
		SEM/SEC	USN	NAME OF THE STUDENT	
21	Sneha C R	Detained (2) + FIRST YEAR()	1KS16CS111	VARSHA.M	
			1KS14CS019	ARAVIND.K.L (Detained)	
22	Sneha Karamadi	Detained (1) + FIRST YEAR ()	1KS18CS085	S MANIKANTA (Detained)	

HOD

Head of the Department
Dept. of Computer Science & Engg
K. S. Institute of Technology
Bengaluru -560 109

MENTOR BOOK


KSIT
K.S.GROUP OF INSTITUTIONS
ಕೆ.ಎಸ್. ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ
K.S. INSTITUTE OF TECHNOLOGY
CBCS
STUDENT REGISTER
Name of the Student : AKSHATHA C KATTA
Branch : COMPUTER SCIENCE
AND ENGINEERING
USN : 1 K S 1 6 C S 0 0 5
Batch : 2 0 1 6
www.ksit.ac.in

K.S. INSTITUTE OF TECHNOLOGY
Bengaluru-560 109

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING.

MENTOR DETAILS

Sl. No	Name of the Mentor	Designation	Department	Mentor Period		Signature of the Mentor
				From	To	
1.	SHILPA Anil S.	ASSISTANT PROFESSOR	PHYSICS B.S & H	July 2016		
2.	Kiran Kumar S.R	A.P	B.S	Sept 2016	2017	
3.	Roopesh Kumar BR	A.P	CSE	Sept 2017		
4.						
5.						
6.						
7.						
8.						

(To be filled with Block Letters only)

Name of the Student : AKSHATHA C KATTA

University Seat Number : 1 K S 1 6 C S 0 0 5

College ID No. :

Date of Birth (DD/MM/YYYY) : 2 4 0 7 1 9 9 8

Religion / Community /Caste : HINDU / BRAHMIN

Year of Admission : 2 0 1 6

Nature of Admission : CET ☑ COMED-K ☐ Management ☐

Hostelite (H) / Day Scholar (D) : I Year ☑ II Year ☐ III Year ☐ IV Year ☐

Passport No. : Driving Licence No. :

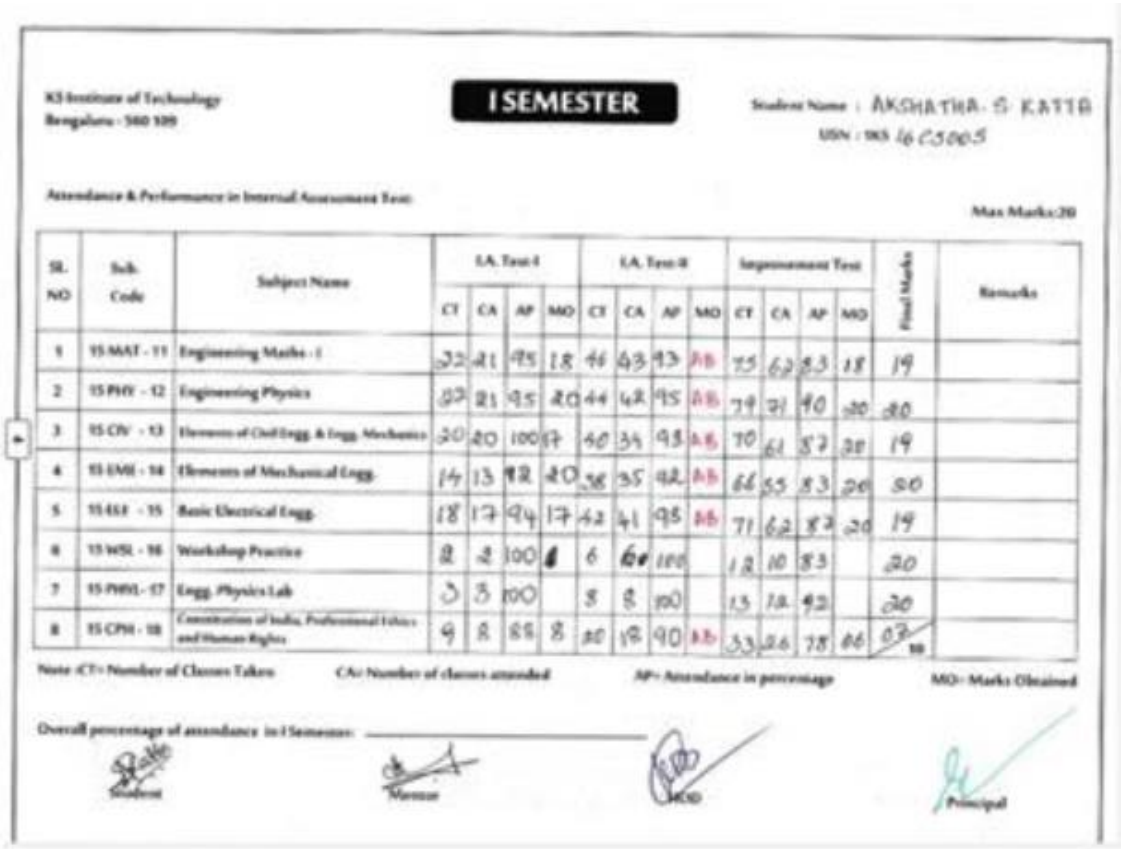
Bank Details :- 1) Bank : VIJAYA BANK A/C No. : 153101011000684

2) Bank : A/C No. :

Degree / Branch : COMPUTER SCIENCE AND ENGINEERING

Languages Known : KANNADA, ENGLISH

Name	Qualification / Occupation / Designation	Office Address with Phone No.	Mobile No. / E-mail ID	Stamp Size Photo
Name of the Father: SHANKARA K.	AGRICULTURE	Kattal House, Kollamogaru post and village Sullia Taluk D.K. 574 239	+91 9481263990	
Name of the Mother: SHANTHI	HOUSE WIFE	"	+91 9481390320	
Guardian Name (Relationship): SARASWATHI K.S (AUNT)	OFFICER IN CO-OPERATIVE BANK	#55, K.R. Swamy Complex, I P Nagar 6th Main, Bangalore 560028	+91 8183182470	



KS Institute of Technology
Bengaluru - 560 109

I SEMESTER

Student Name : AKSHATHA S KATTI
USN : 1KS 16CS005

Attendance & Performance in Internal Assessment Test

Max Marks:20

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	15 MAT - 11	Engineering Maths - I	22	21	95	18	46	43	93	AB	75	62	83	18	19	
2	15 PHY - 12	Engineering Physics	22	21	95	20	44	42	95	AB	79	71	90	20	20	
3	15 CIV - 13	Elements of Civil Engg. & Engg. Mechanics	20	20	100	17	40	34	85	AB	70	61	87	20	19	
4	15 EME - 14	Elements of Mechanical Engg.	14	13	92	20	38	35	92	AB	66	55	83	20	20	
5	15 ELE - 15	Basic Electrical Engg.	18	17	94	17	42	41	98	AB	71	62	87	20	19	
6	15 WSL - 16	Workshop Practice	2	2	100	1	6	6	100		12	10	83		20	
7	15 PHYL - 17	Engg. Physics Lab	3	3	100		8	8	100		13	12	92		20	
8	15 CPH - 18	Constitution of India, Professional Ethics and Human Rights	9	8	89	8	20	18	90	AB	33	26	78	06	07	

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: _____

Student Mentor HOD Principal

K.S Institute of Technology
Bengaluru - 560 109

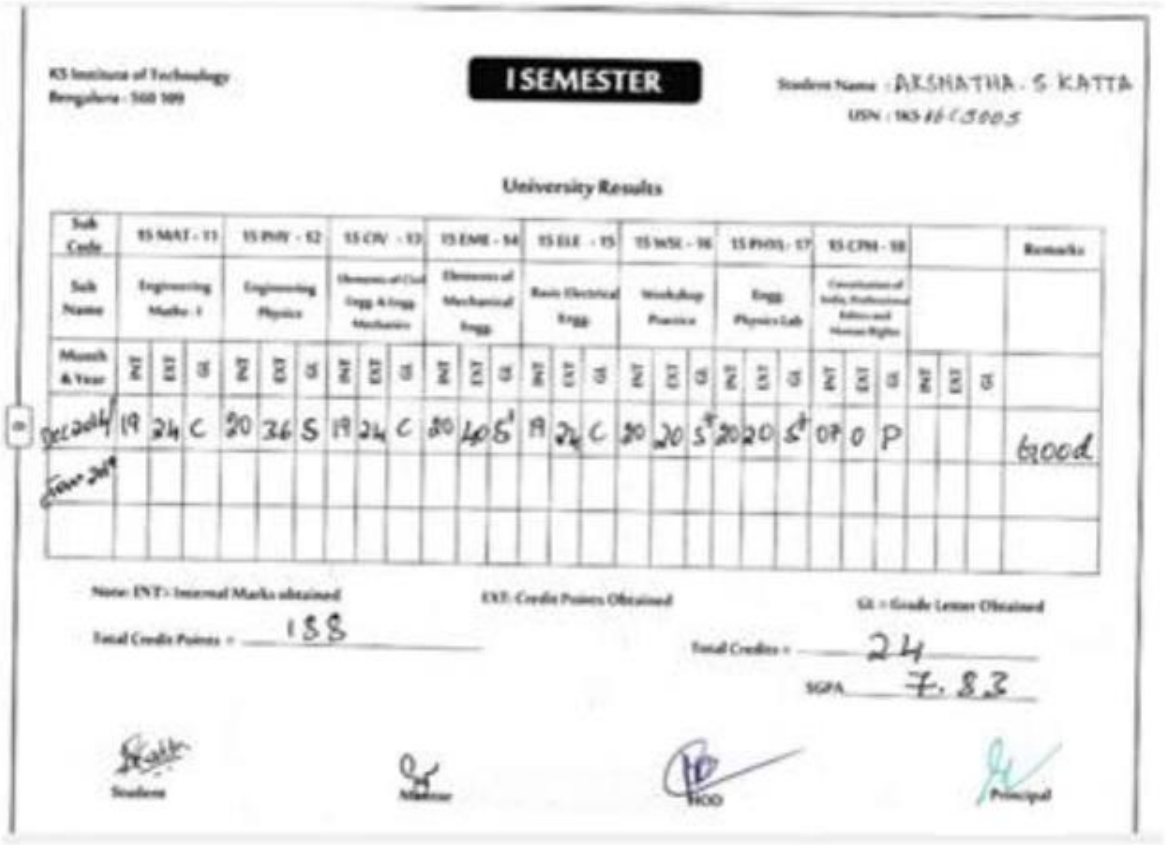
I SEMESTER

Student Name : AKSHATHA. S. KATTA.
USN Number : TRS 1KC18CS005

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
28-09-2016	12-45-1-00	Need to plan effectively and wisely by managing time towards each subject.	will improve in BEE and Cell. I start working on these subjects	

Student | Mentor | HOD | Principal



KS Institute of Technology
Bengaluru - 560 109

I SEMESTER

Student Name : AKSHATHA . S KATTA
USN : 1KS [illegible]005

University Results

Sub Code	15 MAT - 11			15 PHY - 12			15 CIV - 13			15 EME - 14			15 ELE - 15			15 WSL - 16			15 PHYL - 17			15 CPH - 18						Remarks
Sub Name	Engineering Maths - I			Engineering Physics			Elements of Civil Engg & Engg Mechanics			Elements of Mechanical Engg			Basic Electrical Engg			Workshop Practice			Engg Physics Lab			Constitution of India, Professional Ethics and Human Rights						
Month & Year	INT	EXT	GR	INT	EXT	GR	INT	EXT	GR	INT	EXT	GR	INT	EXT	GR	INT	EXT	GR	INT	EXT	GR	INT	EXT	GR	INT	EXT	GR	
Dec 2014	19	24	C	20	36	S	19	24	C	20	40	S	19	24	C	20	20	S	20	20	S	09	0	P				Good
June 2015																												

Note: INT : Internal Marks obtained EXT : Credit Points Obtained GR : Grade Letter Obtained

Total Credit Points : 188 Total Credits : 24

SGPA 7.83

Student Mentor HOD 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 (10)

Total Marks: 10.00

Institute Marks: 10.00

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 is 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

STUDENT ONLINE FEEDBACK

librarianksit@gmail.com (not shared) Switch account

* Required

K. S. INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

USN *

Your answer

NAME *

Your answer

SEM *

- ◯ IV SEM
- ◯ VI SEM
- ◯ VIII SEM

SECTION *

- ◯ A
- ◯ B

SUBJECT *

Choose

STAFF NAME *

Choose

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

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

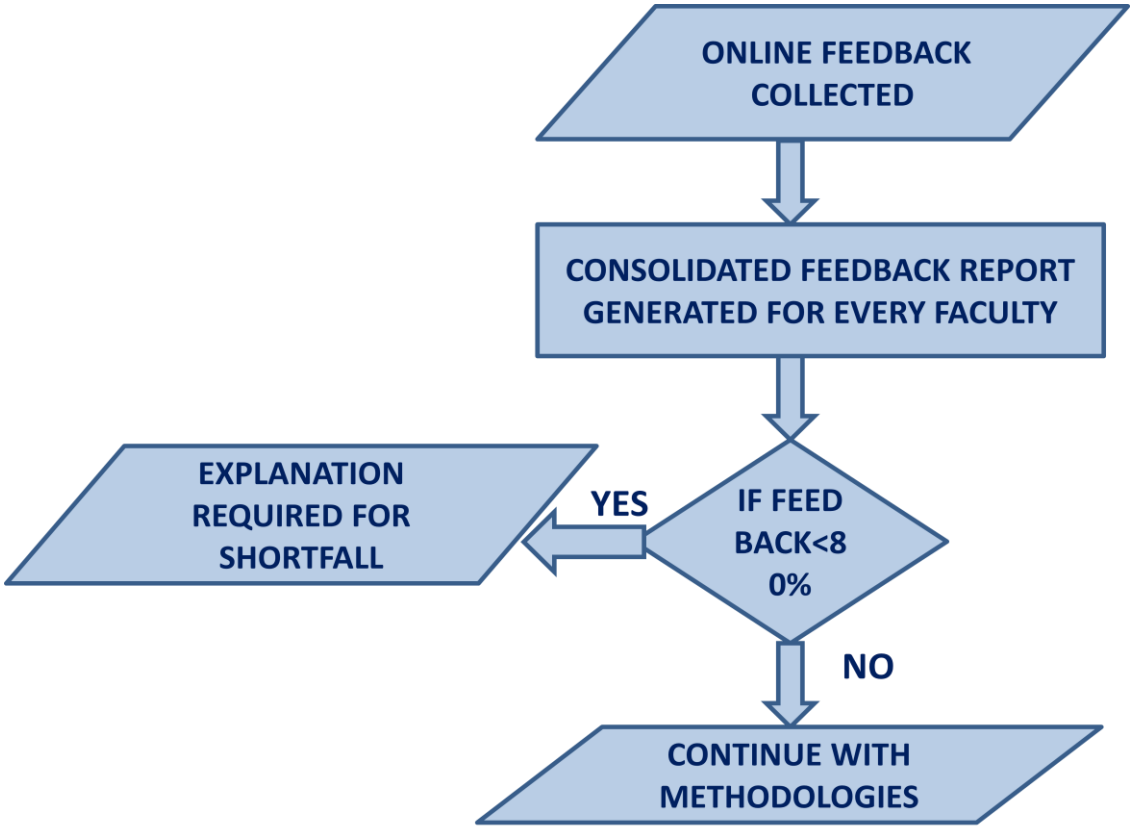
10) Punctuality in taking ONLINE classes *

- Excellent
- Good
- Fair

Submit Clear form

Never submit passwords through Google Forms.

FEEDBACK FLOWCHART

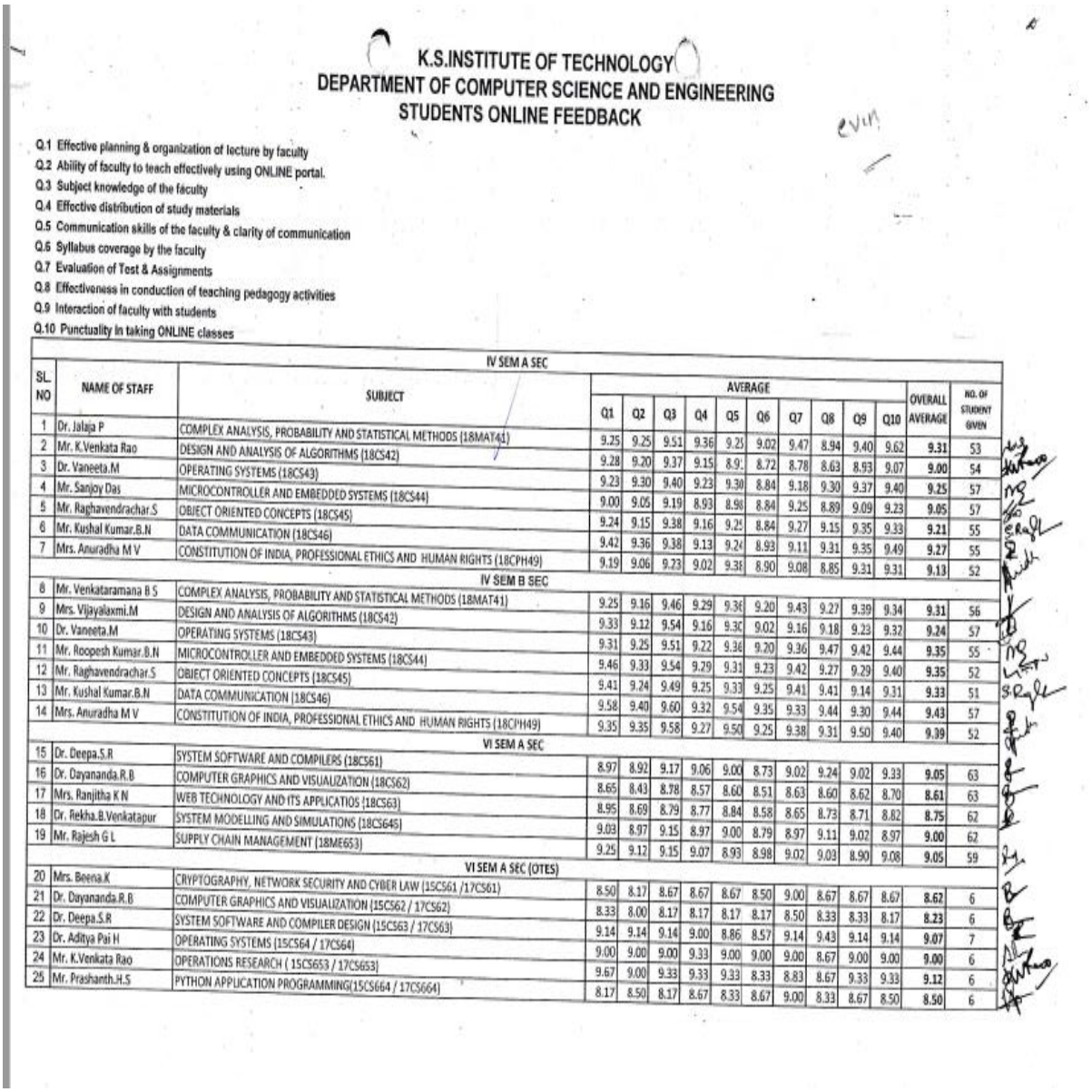


FEEDBACK PROCESS

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
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
STUDENTS ONLINE FEEDBACK

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 STAFF	SUBJECT	AVERAGE										OVERALL AVERAGE	NO. OF STUDENT GIVEN
			Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10		
		IV SEM A SEC												
1	Dr. Jalaja P	COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS (18MAT41)	9.25	9.25	9.51	9.36	9.25	9.02	9.47	8.94	9.40	9.62	9.31	53
2	Mr. K.Venkata Rao	DESIGN AND ANALYSIS OF ALGORITHMS (18CS42)	9.28	9.20	9.37	9.15	8.9:	8.72	8.78	8.63	8.93	9.07	9.00	54
3	Dr. Vaneeta.M	OPERATING SYSTEMS (18CS43)	9.23	9.30	9.40	9.23	9.30	8.84	9.18	9.30	9.37	9.40	9.25	57
4	Mr. Sanjoy Das	MICROCONTROLLER AND EMBEDDED SYSTEMS (18CS44)	9.00	9.05	9.19	8.93	8.98	8.84	9.25	8.89	9.09	9.23	9.05	57
5	Mr. Raghavendrachar.S	OBJECT ORIENTED CONCEPTS (18CS45)	9.24	9.15	9.38	9.16	9.25	8.84	9.27	9.15	9.35	9.33	9.21	55
6	Mr. Kushal Kumar.B.N	DATA COMMUNICATION (18CS46)	9.42	9.36	9.38	9.13	9.24	8.93	9.11	9.31	9.35	9.49	9.27	55
7	Mrs. Anuradha M V	CONSTITUTION OF INDIA, PROFESSIONAL ETHICS AND HUMAN RIGHTS (18CPH49)	9.19	9.06	9.23	9.02	9.38	8.90	9.08	8.85	9.31	9.31	9.13	52
		IV SEM B SEC												
8	Mr. Venkataramana B S	COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS (18MAT41)	9.25	9.16	9.46	9.29	9.36	9.20	9.43	9.27	9.39	9.34	9.31	56
9	Mrs. Vijayalaxmi.M	DESIGN AND ANALYSIS OF ALGORITHMS (18CS42)	9.33	9.12	9.54	9.16	9.30	9.02	9.16	9.18	9.23	9.32	9.24	57
10	Dr. Vaneeta.M	OPERATING SYSTEMS (18CS43)	9.31	9.25	9.51	9.22	9.36	9.20	9.36	9.47	9.42	9.44	9.35	55
11	Mr. Roopesh Kumar.B.N	MICROCONTROLLER AND EMBEDDED SYSTEMS (18CS44)	9.46	9.33	9.54	9.29	9.31	9.23	9.42	9.27	9.29	9.40	9.35	52
12	Mr. Raghavendrachar.S	OBJECT ORIENTED CONCEPTS (18CS45)	9.41	9.24	9.49	9.25	9.33	9.25	9.41	9.41	9.14	9.31	9.33	51
13	Mr. Kushal Kumar.B.N	DATA COMMUNICATION (18CS46)	9.58	9.40	9.60	9.32	9.54	9.35	9.33	9.44	9.30	9.44	9.43	57
14	Mrs. Anuradha M V	CONSTITUTION OF INDIA, PROFESSIONAL ETHICS AND HUMAN RIGHTS (18CPH49)	9.35	9.35	9.58	9.27	9.50	9.25	9.38	9.31	9.50	9.40	9.39	52
		VI SEM A SEC												
15	Dr. Deepa.S.R	SYSTEM SOFTWARE AND COMPILERS (18CS61)	8.97	8.92	9.17	9.06	9.00	8.73	9.02	9.24	9.02	9.33	9.05	63
16	Dr. Dayananda.R.B	COMPUTER GRAPHICS AND VISUALIZATION (18CS62)	8.65	8.43	8.78	8.57	8.60	8.51	8.63	8.60	8.62	8.70	8.61	63
17	Mrs. Ranjitha K N	WEB TECHNOLOGY AND ITS APPLICATIOS (18CS63)	8.95	8.69	8.79	8.77	8.84	8.58	8.65	8.73	8.71	8.82	8.75	62
18	Dr. Rekha.B.Venkatapur	SYSTEM MODELLING AND SIMULATIONS (18CS645)	9.03	8.97	9.15	8.97	9.00	8.79	8.97	9.11	9.02	8.97	9.00	62
19	Mr. Rajesh G L	SUPPLY CHAIN MANAGEMENT (18ME653)	9.25	9.12	9.15	9.07	8.93	8.98	9.02	9.03	8.90	9.08	9.05	59
		VI SEM A SEC (OTES)												
20	Mrs. Beena.K	CRYPTOGRAPHY, NETWORK SECURITY AND CYBER LAW (15CS61 /17CS61)	8.50	8.17	8.67	8.67	8.67	8.50	9.00	8.67	8.67	8.67	8.62	6
21	Dr. Dayananda.R.B	COMPUTER GRAPHICS AND VISUALIZATION (15CS62 / 17CS62)	8.33	8.00	8.17	8.17	8.17	8.17	8.50	8.33	8.33	8.17	8.23	6
22	Dr. Deepa.S.R	SYSTEM SOFTWARE AND COMPILER DESIGN (15CS63 / 17CS63)	9.14	9.14	9.14	9.00	8.86	8.57	9.14	9.43	9.14	9.14	9.07	7
23	Dr. Aditya Pai H	OPERATING SYSTEMS (15CS64 / 17CS64)	9.00	9.00	9.00	9.33	9.00	9.00	9.00	8.67	9.00	9.00	9.00	6
24	Mr. K.Venkata Rao	OPERATIONS RESEARCH (15CS653 / 17CS653)	9.67	9.00	9.33	9.33	9.33	8.33	8.83	8.67	9.33	9.33	9.12	6
25	Mr. Prashanth.H.S	PYTHON APPLICATION PROGRAMMING(15CS664 / 17CS664)	8.17	8.50	8.17	8.67	8.33	8.67	9.00	8.33	8.67	8.50	8.50	6

SL. NO	NAME OF STAFF	SUBJECT	AVERAGE										OVERALL AVERAGE	NO. OF STUDENT GIVEN
			Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10		
		VI SEM B SEC												
26	Dr. Deepa.S.R	SYSTEM SOFTWARE AND COMPILERS (18CS61)	8.99	8.96	9.18	8.99	9.04	8.91	9.12	9.07	9.12	9.24	9.06	68
27	Mrs. Sougandhika N	COMPUTER GRAPHICS AND VISUALIZATION (18CS62)	8.65	8.66	8.75	8.60	8.71	8.69	8.90	8.56	8.68	8.90	8.71	68
28	Mr. Krishna Gudi	WEB TECHNOLOGY AND ITS APPLICATIOS (18CS63)	8.63	8.62	8.72	8.19	8.49	8.54	8.32	8.46	8.50	8.81	8.53	68
29	Dr. Rekha.B.Venkatapur	SYSTEM MODELLING AND SIMULATIONS (18CS645)	9.00	8.99	9.24	9.00	9.01	9.00	9.07	8.99	9.07	9.16	9.05	68
30	Mr. Gowtham	SUPPLY CHAIN MANAGEMENT (18ME653)	9.31	9.27	9.40	9.24	9.28	9.12	9.30	9.16	9.30	9.34	9.27	67
		VIII SEM A SEC												
31	Dr. Aditya Pai H	INTERNET OF THINGS AND APPLICATIONS(15CS81)	9.77	9.73	9.82	9.91	9.86	9.82	9.95	9.91	9.91	9.95	9.86	44
32	Dr. Ram P Rustagi	BIG DATA ANALYTICS (15CS82)	9.47	9.47	9.65	9.51	9.63	9.16	9.19	9.37	9.51	9.53	9.45	43
33	Mr. Harshavardhan J R	SYSTEM MODELING AND SIMULATION (15CS834)	9.49	9.49	9.64	9.47	9.58	9.24	9.69	9.56	9.76	9.80	9.57	45
		VIII SEM B SEC												
34	Mrs. Beena.K	INTERNET OF THINGS AND APPLICATIONS(15CS81)	9.20	9.31	9.14	9.26	9.49	9.09	9.49	9.31	9.37	9.37	9.30	35
35	Dr. Ram P Rustagi	BIG DATA ANALYTICS (15CS82)	9.35	9.26	9.59	9.03	9.21	9.24	8.74	9.15	9.32	9.65	9.25	34
36	Mr. Kumar K	SYSTEM MODELING AND SIMULATION (15CS834)	9.15	9.21	9.39	9.42	9.27	8.79	9.24	9.18	9.27	9.21	9.22	33

HOD 23/6/2021

PRINCIPAL 29/6/21

Head of the Department
Dept. of Computer Science & Engg.
K.S. Institute of Technology
Bengaluru -560 109

B.

7	10	10	10	10	10	10	10	10	10	10	100	10.00	
8	9	8	8	7	8	8	8	8	8	9	81	8.10	
9	9	9	9	9	9	9	9	9	9	9	90	9.00	
10	9	9	8	8	7	8	8	8	8	8	81	8.10	
11	10	10	10	10	10	10	10	10	10		90	9.00	

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.

https://pupilpod.s3-ap-southeast-1.amazonaws.com/files/temp_reports/67164231456b8161

12	10	10	10	10	10	10	10	10	10	10	100	10.00	
13	6	5	6	6	6	6	6	6	6	7	60	6.00	
14	5	5	4	5	5	4	4	5	5	5	47	4.70	
15	10	10	10	10	10	10	10	10	10	10	100	10.00	revision after every module and before the tests are required, the subject is mainly clashing with Advanced Java and J2EE, just to get proper clarity. Teaching is good, well prepared notes is given-very helpful
16	5	5	4	4	3	3	3	5	5	4	41	4.10	
17	9	10	9	9	9	9	9	9	9	10	92	9.20	
18	9	9	9	9	9	9	9	9	9	10	91	9.10	
19	10	10	10	10	10	10	10	10	10	10	100	10.00	
20	8	8	9	8	9	7	7	7	7	10	80	8.00	good
21	9	8	8	9	8	8	9	8	8	9	84	8.40	good
22	10	10	10	10	10	10	10	10	10	10	100	10.00	
23	7	8	7	7	7	7	7	7	7	8	72	7.20	
24	6	5	3	7	2	8	7	8	10	10	66	6.60	
25	4	3	3	3	3	3	3	3	3	3	31	3.10	
26	9	8	8	9	7	8	8	8	8	9	82	8.20	
27	7	9	8	8	7	7	8	8	9	8	79	7.90	
28	3	7	3	4	2	4	1	2	3	7	36	3.60	
29	8	8	8	8	8	8	8	8	8	8	80	8.00	
30	8	7	6	6	6	6	6	6	6	6	63	6.30	
31	8	10	9	9	10	8	9	10	10	10	93	9.30	good
32	8	9	7	7	7	7	8	8	10	9	80	8.00	
33	9	10	9	9	8	8	8	9	10	10	90	9.00	
34	10	10	10	10	10	10	10	10	10	10	100	10.00	
Col Total	274	280	263	267	256	261	261	266	275	282	2685	78.97	
Col Avg	8.06	8.24	7.74	7.85	7.53	7.68	7.68	7.82	8.09	8.29	78.97	Overall % ===>	78.97

HOD Signature: Dr. Nirmala Rao

10.12.19

Princi

K.S INSTITUTE OF TECHNOLOGY, BENGALURUR-109

REPORT ON THE STUDENTS FEEDBACK(<80%)

Name Of The Faculty:		**CSE**	
Branch: Computer Science & Engineering	**Sem: V 'B'**	**Class Strength: 41 Attended:34**	**FeedBack%: 79**
Subject: DotNet Framework For Application Development		**Subject Code:15CS564**	

Criteria	
Learning Behaviour of the students in the class room	Some of the students are very good and interactive. Few are poor in understanding of programming concept.
Interaction of the students with faculty	Interaction with students is very good.
Feed back on the subject	Moderate
Test performance & expected pass percentage	Test performance is Good and Expected pass percentage is more than 85%
Feedback Criteria's/areas need to be Attended	Feedback Criteria's are Good
Remedies planned & to be implemented	Since JAVA and C# have similar programming concept, I executed all C# program in the class and explained the concepts in detail with syntax. Provided handwritten notes and softcopy of executed programs with output for each Module.

Note: Handwritten notes & softcopy of programs are available in Pupilpod for further student reference

Nuccurupur
HOD Signature 27/11/18

27.11.18
Principal Signature

9.3 Feedback on facilities (5) **Total Marks: 5.00**

Institute Marks: 5.00

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
• Feedback collected on all facilities provided by the college.	• YES
• Feedback collection process	• Google Forms
• Feedback receiver	• Head of the Institution
• Frequency of feedback collection	• Once in an academic year
• Metrics used for calculation	• 5 Point Likert Scale • (Excellent, Very Good, Good, Satisfactory, Not Satisfactory)
• Purpose	• 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.

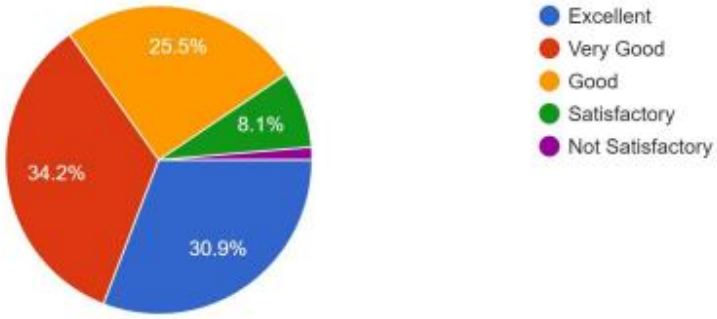
Rating of scale is from 1 to 5 (5 - Excellent, 4 - Very Good, 3 - Good, 2 - Satisfactory, 1 - Not Satisfactory)

K.S.INSTITUTE OF TECHNOLOGY
Kanakapura Main Road, Raghuvanahalli, Bengaluru-560109

STUDENT FEEDBACK ON FACILITIES 2020-21

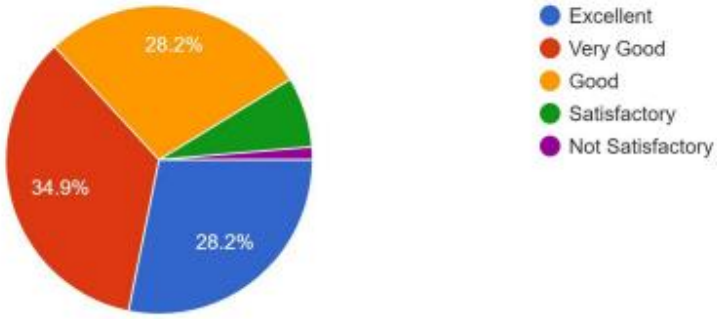
1. The upkeep of class rooms, common areas, corridors and others instructional areas are:

149 responses



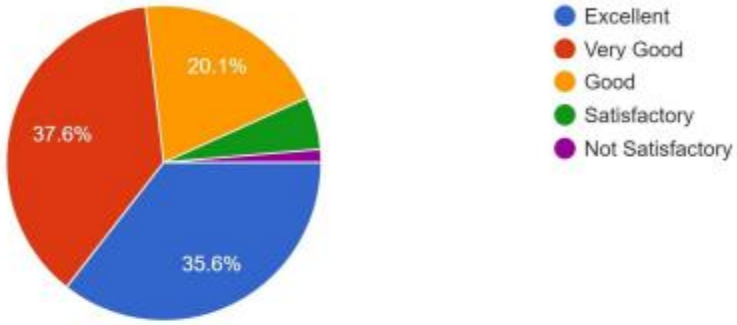
2. The Laboratories and workshops are fully equipped and provides a good learning environment:

149 responses



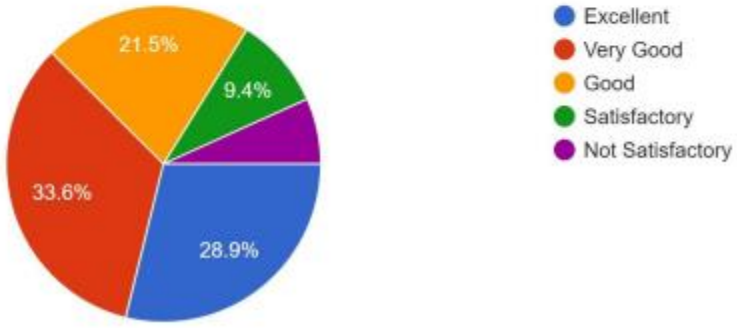
3. The Library is adequate with ample no. of titles and volumes of text and reference books and other learning materials including e-resources:

149 responses



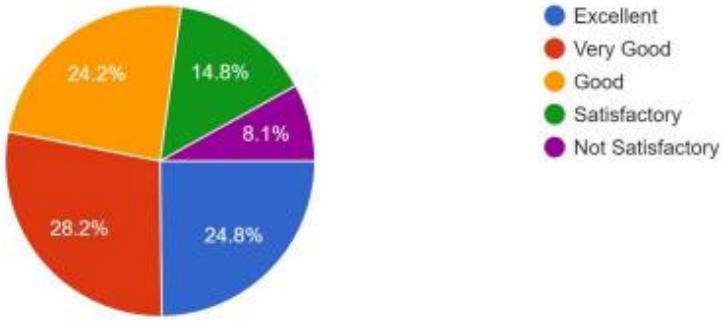
4. The location and landscaping of the campus is :

149 responses



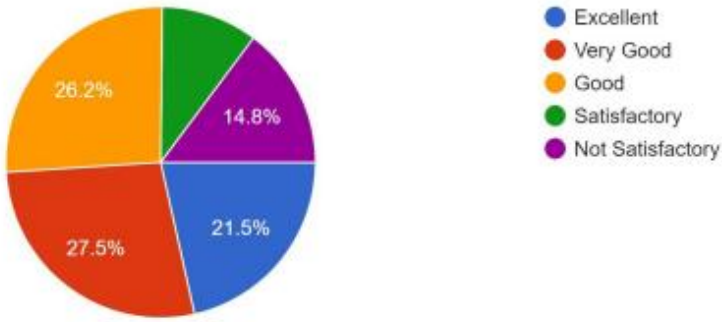
5. The internet connectivity that is provided in the labs / On-line exam Centre in the campus is:

149 responses



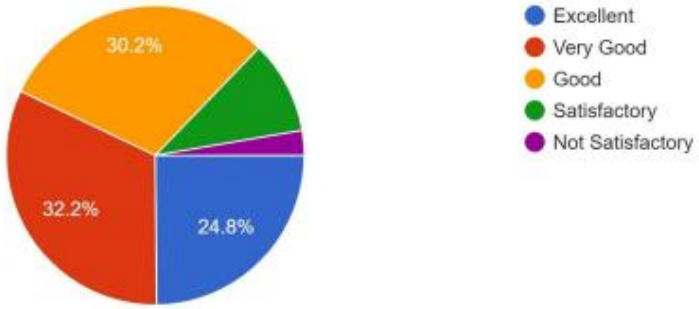
6. The institution provides for adequate co-curricular and extra curricular activities:

149 responses



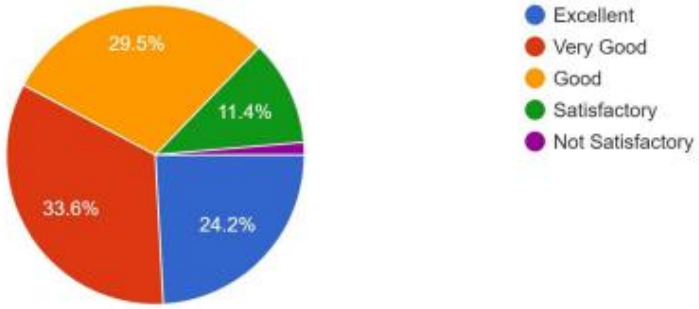
7. The institution has adequate no. of student chapters of professional bodies that aids my professional development;

149 responses



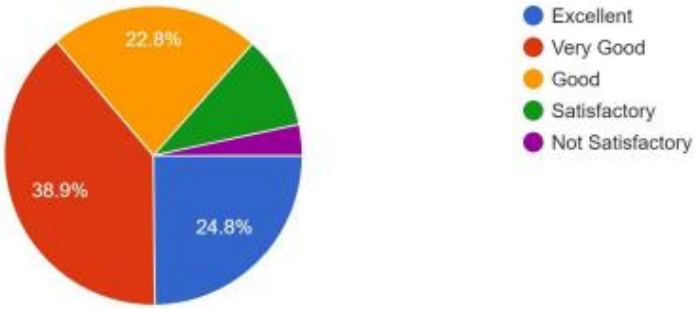
8. The Placement & Training Office is very active and gives adequate training and prepares me for campus recruitment:

149 responses



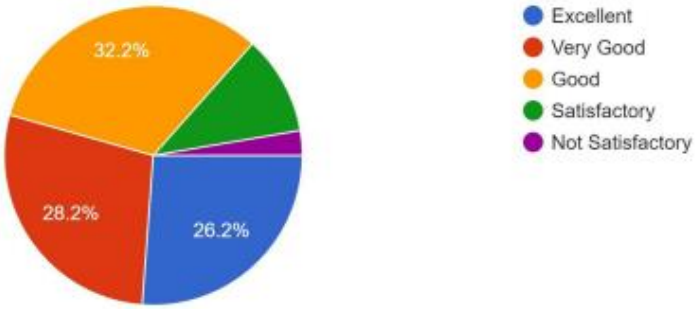
9. The office is accessible and student friendly and always willing to give me any information and guidance:

149 responses



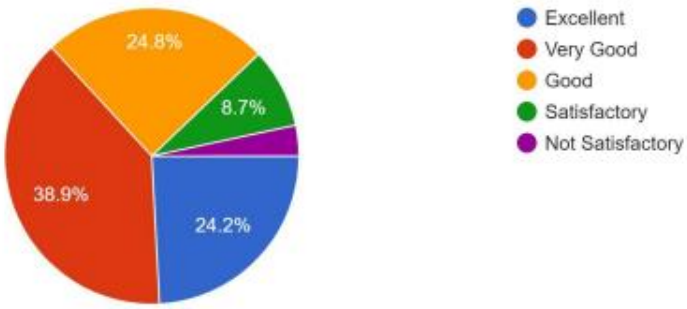
10. The exam section in the office is very courteous and always willing to help me in all the exam related tasks like filing applications, issuing admission tickets and marks cards.

149 responses



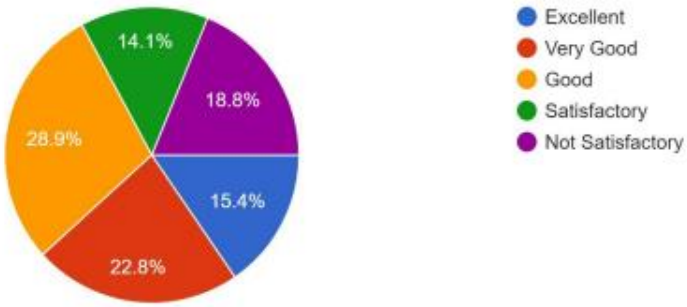
11. Drinking water accessibility is:

149 responses



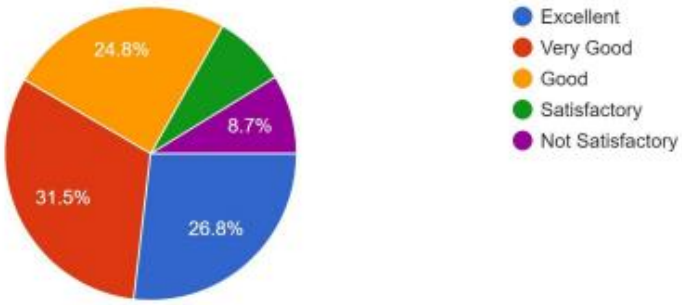
12. The Canteen is adequate, hygienic and offers a variety of food

149 responses



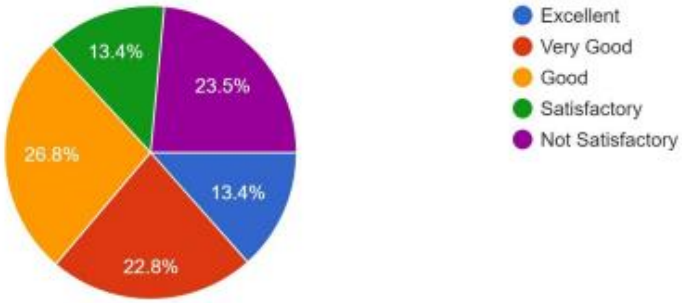
13. The maintenance and upkeep of wash rooms are:

149 responses



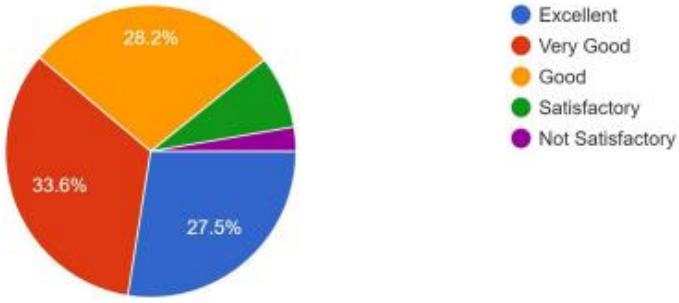
14. The sports amenities provided by the institution are:

149 responses



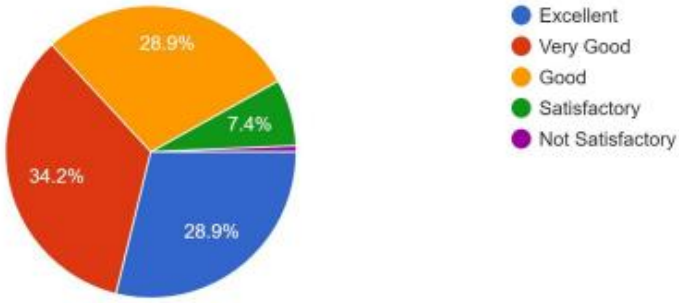
15. The transportation infrastructure of the institute is quite adequate and student friendly while the buses are punctual and the transportation staff are very courteous:

149 responses



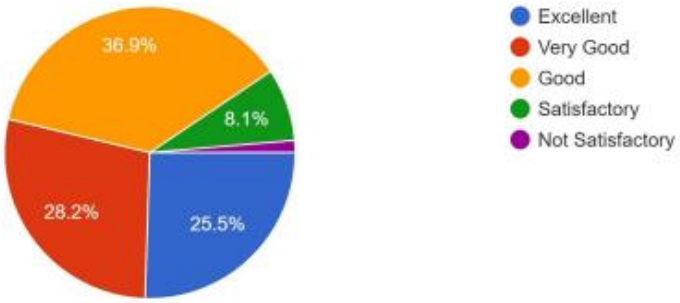
16. Amenities like staff and student parking, lift and ramps that are adequately provided are :

149 responses



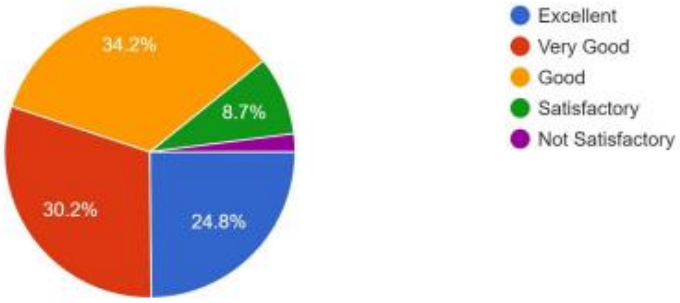
17. The hostel facility provided for both boys and girls is:

149 responses



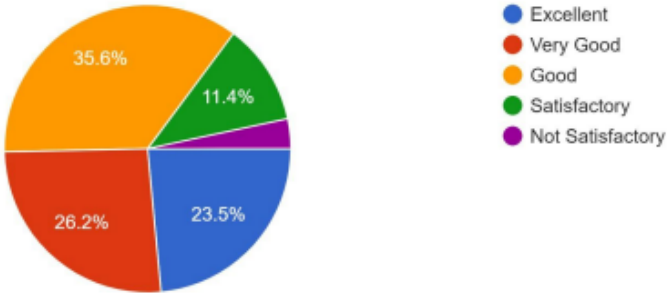
18. The food served in the hostel is sumptuous, nutritious and hygienic.

149 responses



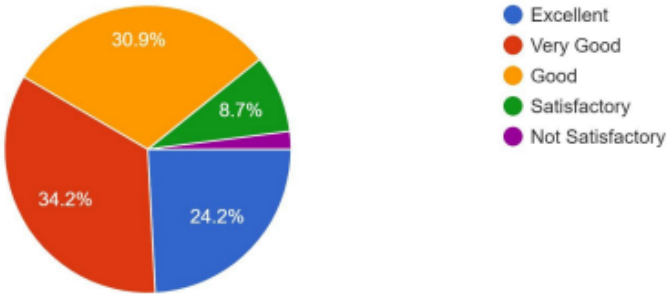
19. The ladies room and boys' common area are adequately furnished and well equipped:

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 (5) **Total Marks: 5.00**

Institute Marks: 4.00

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

IARJSET

ISSN (Online) 2393-8021
ISSN (Print) 2394-1588

International Advanced Research Journal in Science, Engineering and Technology

Vol. 8, Issue x, Month 2021

DOI: 10.17148/IARJSET.2021.8

A Contactless Attendance System using Real-Time Face Recognition

Hanumesh VT[1], Manjunath A[2], Prashanth K[3], Tharun K[4]

Student, Computer Science, K.S. Institute of Technology, Bengaluru, India[1]

Abstract: With an increased workforce, the ability to maintain attendance becomes too complex to be handled by a human or log entry books. Specially to maintain the entry and exit time. Current technologies like fingerprint and other bio-authentication systems require direct contact with the device. But in times like these, when the world is aware of a pandemic, it is important to ensure contactless mechanisms to register attendance. Instead of individually verifying each person, we need a quick mechanism to prevent unauthorized entries into the premise.

Keywords: Pandemic, contactless, attendance, workforce, bio-authentication, finger-print, authorization.

I. INTRODUCTION

The COVID-19 is an unparalleled crisis leading to a huge number of casualties and security problems. The virus can be spread through contact and contaminated surfaces, therefore, the classical biometric systems based on passwords or fingerprints are not anymore safe. Face recognition is safer without the need to touch any device. It is also very important to ensure only authorized people information regarding Employees and their analytics. can enter the premises, this was being done by verifying each individual through physical identity cards. Facial Recognition also eliminates this. The goal is to ensure least interaction and reduce hassle. With so many employees and their data, it is important to store them at a safe and reliable Database. Thus, A Single destination for information regarding Entries and Exits is provided. This Information which is usually just used for attendance purposes can come in handy for various other purposes such as Analytics. Hence, Companies are provided with a dashboard containing employee attendance logs along with the complete analytics like the numbers of hours worked, Total Days Present, Overtime worked.

II. METHODOLOGY

1. A CCTV Camera is Placed in the entrance premises according to the requirements, from which the live video stream is obtained.
2. Images/Frames are captured from the video and are sent to the Dlib Model, A state of the art Facial Recognition Model.
3. The Model Identifies the face and their facial features called as Face Descriptors.
4. These face descriptors are unique for each identity and are stored as 128D NumPy array representing 128 different features on a face.
5. This Array is Compared to the Faces in the Employee Database Using Euclidean Distance.
6. Euclidean Distance is calculated by:

$$D(X,Y) = \left(\sum_{i=1}^{n} |x_i - y_i|^p\right)^{\frac{1}{p}}$$

Fig1. Euclidean distance formula

where p=2 for Euclidean Distance.

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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:

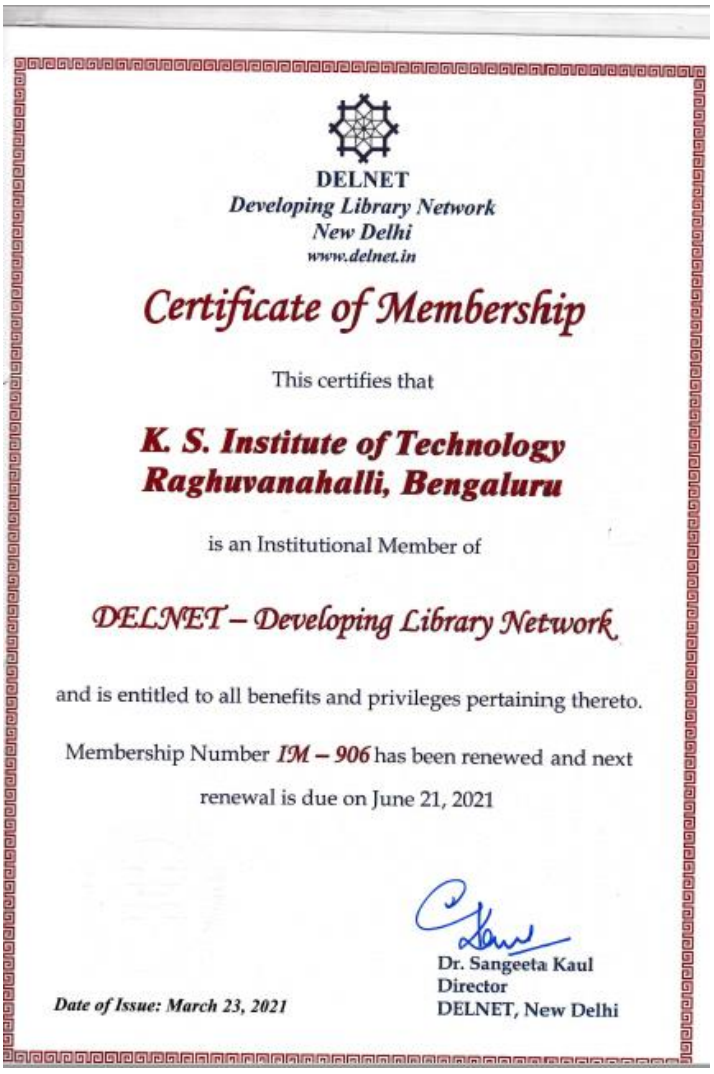
Library:

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



DELNET
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www.delnet.in

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K. S. Institute of Technology
Raghuvanahalli, Bengaluru

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and is entitled to all benefits and privileges pertaining thereto.

Membership Number ***IM – 906*** has been renewed and next renewal is due on June 21, 2021

Dr. Sangeeta Kaul
Director
DELNET, New Delhi

Date of Issue: March 23, 2021

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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**

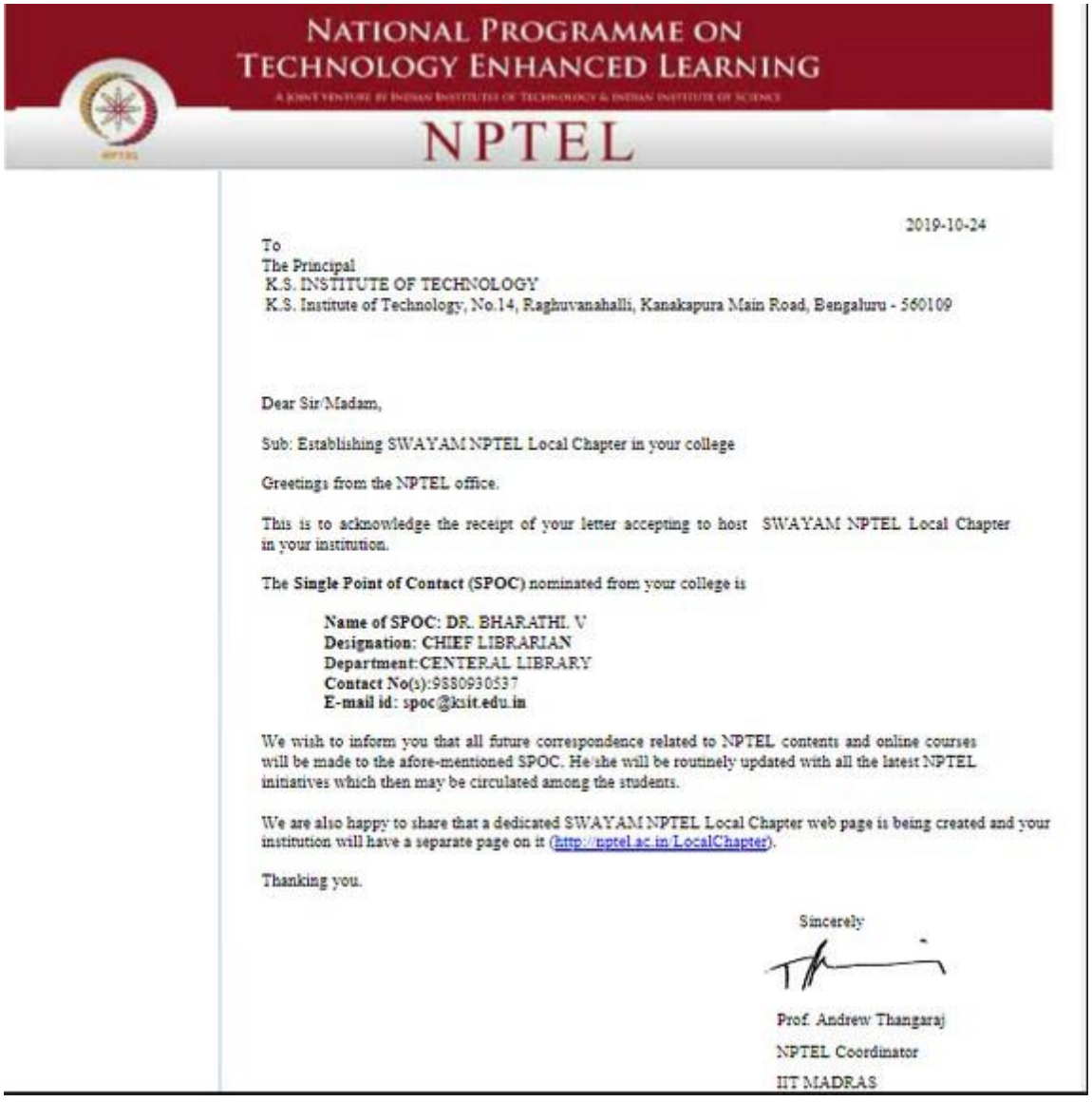
Encouragement to e-shikshana and online courses:

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



NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING

A JOINT VENTURE BY INDIAN INSTITUTES OF TECHNOLOGY & INDIAN INSTITUTE OF SCIENCE

NPTEL

2019-10-24

To
The Principal
K.S. INSTITUTE OF TECHNOLOGY
K.S. Institute of Technology, No.14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560109

Dear Sir/Madam,

Sub: Establishing SWAYAM NPTEL Local Chapter in your college

Greetings from the NPTEL office.

This is to acknowledge the receipt of your letter accepting to host SWAYAM NPTEL Local Chapter in your institution.

The **Single Point of Contact (SPOC)** nominated from your college is

Name of SPOC: DR. BHARATHI. V
Designation: CHIEF LIBRARIAN
Department: CENTERAL LIBRARY
Contact No(s): 9880930537
E-mail id: spoc@ksit.edu.in

We wish to inform you that all future correspondence related to NPTEL contents and online courses will be made to the afore-mentioned SPOC. He/she will be routinely updated with all the latest NPTEL initiatives which then may be circulated among the students.

We are also happy to share that a dedicated SWAYAM NPTEL Local Chapter web page is being created and your institution will have a separate page on it (http://nptel.ac.in/LocalChapter).

Thanking you.

Sincerely

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT MADRAS

Hackathon 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 2020-2021

Professional Societies/ Chapters	Name Of The Event	Seminar / Workshop/ Technical Talk/Industrial Visit/Guest Lecture	Resource Person	Date	No. of Participants
CSI	34th CSI Karnataka State Student Convention (online)	Student Convention	Chief Guest & Key note address by Prof. M. Surendra Prasad babu, Regional Vice President, Region V, CSI	22-12-2020 and 23-12-2020	266
	AWS Cloud Practitioners Workshop	Workshop	Dr. Prakash, Principal, EPCIT & Nandini Gowda, Shefali EPCIT	21-7-2020 and 22-7-2020	70
	Internship awareness program	Technical Talk	Mr. Niranjan Balaji, Director, Rapsol Technologies	28-05-2021	151
IEI	An Insight into Web Application Development	Webinar	Ms. Diksha Sudhir	13-11-2020	70
	Career Guidance	Webinar	Mr. Shashvath Bhaskar Technical Project Manager & Security Champion, Intel Corporation San jose,	06-07-2020	30

			California		
	Internship talk	Technical Talk	Nithin K Naik, Technical manager , Tequed Labs	07-06-2020	65
	Benefits and Opportunities with GATE	Webinar	Mr. Akash Pushkar (M.Tech from IIT Kanpur) Industry Data Scientist Accenture	17-4-2021	68
Firefox Club	Internship talk on skill Development	Technical Talk	Mr. Aditya S K, Director Tequed labs	18-05-2021	151
	Internship Opportunities	Technical Talk	Mrs. Fareheen, Director, Princeton	12-5-2021	151
ISTE	Design Innovation for Successful Career in the field of Aviation for CSE Students" on	Webinar	Mr. Dhanish Abdul Khader Space Systems Engineer, SS Technologies Bangalore.	17-7-2021	97
BITES	Internet of Things and its scale of usage	Distinguished Guest Lecture	Mr. Rajarama Nayak, Head Connected Consumer Products and Solutions, IoT Unit, Tata Consultancy Services. Bengaluru.	1-9-2021	96

Events conducted details for the Academic Year 2019-2020

Professional Societies/ Chapters	Name of The Event	Seminar / Workshop/ Technical Talk/Industrial Visit/Guest Lecture	Resource Person	Date	No. of Participants
CSI	Internship Talk	Internship Talk	Nagesha C, Rapsol Technologies Pvt. Ltd	07-06-2020	60
	Cracking Code	Seminar	Mr. Supreeth Y.S, CEO of Tequed Labs	18-02-2020	98
	Smart India Hackathon-2019	Technical Talk	Mr. Shashank Krishna, SIH 2019 ambassador-South India	14-09-2019	110
	Internet of Things	Technical Talk	Mr. Ramesh Kumar, Founder and CEO, Linux Learning Centre, Bengaluru Mr. Kotresh Aradhaya, Linux Learning Centre, Bengaluru	26-09-2019	110
	Andriod App Developme nt	Workshop	Mr.Chennakeshav.N,M r.Lokesh BM, Mr.Indrasena kalyana, Mr.Ashish k. Aman (CSE Students Co ordinators)	28-09-2019 & 29-09-2019	40
	"Outcome Based Education - NBA"	Faculty Development Programme	Dr. B V Ravishankar, Principal, BMSCE, Bengaluru, Dr. H S Guruprasad, Dean [Student Affairs], BMSCE, Bengaluru, Dr. H S Guruprasad, Dean [Student Affairs], BMSCE, Bengaluru, Shambhavi B R, Professor, Department of ISE, BMSCE, Bengaluru, Abhishek Appaji, IEEE Bangalore Section	17-07-2019 to 19-07-2019	23
	AWS Cloud Practitioner s Workshop	Workshop	Dr. Prakash, Principal, EPCIT & Nandini Gowda, Shefali EPCIT	21-07-2020 to 22-07-2020	70
	Internship Talk	Internship Talk	Nithin K Naik, Tequed Labs	07-06-2020	65
	Web and User Interface Developme nt	Seminar	Mr. Asif & Ms. Farheen, Co-Founder & CEO, Princeton Smart Engineers	08-01-2019	82

IEI					
	Industry 4.0	Seminar	Mr. Supreeth Y S CEO,Tequed Bengauru. Mr. Adithya S K Director, Tequed Labs Bengauru.	11-07-2019	95
	Blockchain	Technical Talk	Mr. Nani, Blockchain Consultant KANEKTIFY Academy, Banlagore.	15-02-2020	70
BITES	A New Vision for Engineering Education in India	Guest Lecture	Dr Viraj Kumar, Professor, IISc	24-08-2019	Faculties
	Problem Solving with Python	Faculty Development Programme	Dr.C P Ravi Kumar, Director, Talent Development Texas Instruments,India	03-01-2020 to 04-01-2020	Faculties
	Insights into Vocabulary of Modern Technologies	Academic Development Program	Professionals from premier academic institutes like IISc, IIIT-B, and industry such as Linkedin, GE, Wipro, Honeywell, Intel Corp, Citrix, Kirusa and freelance consultants.	27-01-2020 to 31-01-2020	Faculties
ISTE	Swift: Smart World Through Innovative Future Technology	16th Karanataka State Level Iste Student Convention	Chief Guest Mr. Tejasvi Surya Member of Parliament Bengaluru South Guest of Honour Dr. C. K. Subbaraya, Past Chairman, ISTE Karnataka Dr. D. S. Suresh,Chairman, ISTE Karnataka	22-02-2020	55
Firefox Club	Hyper local content with GAIUS Networks	Guest Lecture	Dr Arjuna Sathiaseelan, New York University	09-06-2019	60
	Internship Awareness	Technical Talk	Vivek Choudary Data Scientist INEURON Grishma Singh Manager Gaiius Networks	13-11-2019	60
Firefox Club	Sentinel Hack 2.0	Coding Contest	Mr.Srisha Mahuli, Mr. BharatKumar BK, Mr.Ranjan Balappa, Mrs.Sridevi HS,	12-11-2019 & 13-11-2019	110

			Mr.Ramesh HS, Mr.Vivek Balachandran, Mr. Sajesh Nair, Mr.Akshay VM		

Events conducted details for the Academic Year 2018-2019

Professional Societies/ Chapters	Name Of The Event	Seminar / Workshop/ Technical Talk/Industrial Visit/Guest Lecture	Resource Person	Date	No. of Participants
IEI	Web and user interface development	Seminar	Mr.Asif&Ms.Farheen, Co-Founder & CEO, Princeton Smart Engineers, Electronic City, Bengaluru	01-08-2019	82
	Higher Education Options after Graduation	Seminar	Mr. Krishna Pratap Singh, Senior Faculty of Quantity, TIME	11-10-2018	70
BITES	The new vision for engineering education in india	Distinguished Guest Lecture	Dr. Viraj Kumar, Visiting Professor,Divecha Centre for Climate Change, IISc, Bengaluru	24-07-2019	Faculties
	Third CACLecture on "Rabindranath Tagore"	Lecture	Dr. Joy Kuri, Professor & Chair, Department of Electronics Systems Engineering, Indian Institute of Science, Bengaluru.	08-05-2019	74
	Quiz competition college level selection	Quiz competition college level	Students from 6th sem, CSE	21-02-2019	40
	VMWARE Virtualization and Cloud Essentials	Workshop	Mr. Sudarshan, Business Consultant – LDS Infotech; Mr.Mayank Srivastava, Partner Manager – VMware India; Mr.NareshBabu, VMware Certified Instructor L2, IT Consultant & CEO.	13-11-2018 and 14-11-2018	53

	Startup Engineering	Guest Lecture	Prof. Nagabhushan A M, Professor at Computer Science, MSRIT, Bangalore	07-09/2018	25
CSI	Internship at City Surveillance and Nayagaadi	Seminar	Mr. Sridhar Singisetty Director, Co-Founder, City Surveillance Bengaluru.Balaji, Founder, Nayagaadi, Bengaluru	20-02-2019	128
	Mobile App Development	Technical talk	Mr. Deepak Rajkumar Garg Business Development Manager, ATS Infotech Private Limited, Bengaluru	22-02-2019	120
	Robotics and Home Automation	Seminar	Prof. Sreenivasa Shetty, Founder Of SST Technologies, Bengaluru	27-02-2019	120
	Computer Awareness Program	Awareness program	NSS Student Volunteers	07-03-2019	40
	Path Finder NRI	Technical Talk	Mr.Guru Sharan, Founder & CEO,PATH FINDER NRI, Bengaluru	07-03-2019	128
	Computer Graphics mini Project Exhibition	Project Exhibition	Mr. Vasantha Kumar M, Asst. Professor, Govt. SKSJTI, KR Circle, Bangalore	13-05-2019	120
	Data Science and Analytics	Workshop	Mr. Fazeel, Software Developer, Digits Technology Tutor, IIHT Bangalore	23-09-2018	46
	IBMAnalytics, Data Analytics	Technical talk	Mr. Vivekananda And Mr. Roopesh, Vision Group, Bangalore	29-08-2018	120
	Artificial Intelligence	Technical talk	Dr. G T Raju, Vice Principal, HOD, RNSIT, Bengalaru	17-11-2018	37
	Introduction to	Workshop	1. Mr.Sachin		

	Virtualization		Kumar Vmware IT Academy, Bangalore 2. Dr. Prakash Past Chairman,CSI Bangalore Chapter	10-10-2018	120
	DBMSWorkshop	Workshop	Mrs. Sougandhika Narayan, Mr. Kumar K, Mr. Pradeep G H	22-10-2018 to 23-10-2018	121
ISTE	Awareness on Digital Marketing	Guest lecture	Ms. Anjali Mehta, Acadamic director PAAGC	15-10-2018	76

Events conducted details for the Academic Year 2017-2018

Professional Societies/ Chapters	Name Of The Event	Seminar / Workshop/ Technical Talk/Industrial Visit/Guest Lecture	Resource Person	Date	No. of Participants
IEI	Career Guidance	SEMINAR	Ms.Bindu Ramesh, Quality Assurance Engineer, Volvo, Bangalore.	09-09-2017	30
BITES	US Higher Education (Suny Binghamton)	GUEST LECTURE	Dr. Madhusudhan Govindaraju, Professor, Director Of Graduate Admissions, Binghamton University, New York.	14-09-2017	97
	Lecture Demonstration	Dr. Manish Gupta Co-Founder And Ceo, Videoken And Infosys Foundation Chair Professor, IIIT-B, Bengaluru.	Videoken-Applying Machine Learning To Support Human Learning	02-03-2018	80
	Practical Approach to Networking Concepts	WORKSHOP	Dr. Ram P. Rustagi, Md Of Cavisson, Bangalore.	2-4-2018 and 3-4-2018,	40
CSI	Ns2 and data mining	Workshop	Mrs. Sangeetha V, Mr Deepa S R, Mrs. Vaneeta M, Mrs. Priyanga P, Mr. Pradeep K R	13-10-2017	80

	Overseas education	Seminar	Mr. Somashekar, Global oppertunitiespvt. Ltd.	28-08-2017	120
	Ios App Development	Seminar	Mr. Mohith Hegde and Mr. Swaroop	25-08-2017	50
	Fourth Generation Technologies	Technical Talk	Dr. Prakash, Former Chairman CSI Bangalore	17-02-2018	101
FIREFOX	Cloud Computing	Technical Talk	Mr. ShrishaMahuli. Mr. RajanBallapa	18-11-2017	
	Carrier In Information And Security	Technical Talk	Mr. Prashanth K V, Mr. Nikhil Kulkarni, Mr. Suraj, Mrs. Vandana	26-02-2017	

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, BENGALURU- 560 109

DEPARTMENT : COMPUTER SCIENCE AND ENGINEERING

ONLINE COURSES-MOOC/COURSERA/UDEMY/NPTEL ETC.. CERTIFICATIONS COMPLETED BY STUDENTS-2020-21

Sl. No.	Name	USN	Details of Certification	Duration/Date	Platform	Remarks
1	CHENNA KESHAVA.N.T	1KS17CS019	COVID - 19 ANALYSIS(QUANTITATIVE MODELING)		WIDHYA	MISSION
2	CHENNA KESHAVA.N.T	1KS17CS019	STOCK PRICE PREDICTION USING LINEAR REGRESSION		WIDHYA	MISSION
3	CHENNA KESHAVA.N.T	1KS17CS019	BITCOIN PRICE PREDICTION (DATA SCIENCE)		WIDHYA	MISSION
4	MAHIM SUBHASH AKHAWAT	1KS20CS050	OPERATING SYSTEMS :ROM SCRATCH - PART 1	02nd Jun 2021	UDEMY	
5	POOJA J	1KS19CS067	DATA STRUCTURES	12th Mar 2021	TUBESTUDY	
6	SHREESHA S	1KS19CS088	PYTHON FOR BEGINNERS	6th Feb 2021	UDEMY	
7	GAGANDEEP K	1KS19CS032	C LANGUAGE	Dec-20	CADDEZ	
8	RANJITHA.H.D	1KS19CS411	BLOCKCHAIN ESSENTIALS	23rd Nov 2020	COGNITIVE CLASS	
9	SHASHANK SHET.K	1KS17CS075	IBM DATA SCIENCE	11th Aug 2020	COURSERA	
10	BHOOMIKA K	1KS19CS018	C++ FOR C PROGRAMMERS, PART A	7TH NOV 2020	COURSERA	
11	SANGHARSH KUMAR RAI	1KS19CS082	RESPONSIVE WEB DESIGN - 300 Hr Coursework	6TH Nov 2020	freeCodeCamp	
12	DANDU NIHARIKA	1KS18CS017	PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON)	30th Oct 2020	COURSERA	
13	RANJITHA.H.D	1KS19CS411	DATA ANALYSIS WITH PYTHON	26th Oct 2020	COGNITIVE CLASS	
14	RANJITHA.H.D	1KS19CS411	PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON)	23rd Oct 2020	COURSERA	

15	RANJITHA.H.D	1KS19CS411	PYTHON 101 FOR DATA SCIENCE	23rd Oct 2020	COURSERA	
16	CHENNA KESHAVA.N.T	1KS17CS019	IBM DATA SCIENCE	31th Sep 2020	COURSERA	
17	AKSHAY R	1KS19CS115	STASTISTICAL INFERENCE	29th Sep 2020	COURSERA	
18	AKSHAY R	1KS19CS115	DEVELOPING DATA PRODUCTS	29th Sep 2020	COURSERA	
19	AKSHAY R	1KS19CS115	EXPLORATORY	28th Sep 2020	COURSERA	
20	AKSHAY R	1KS19CS115	REGRESSION MODELS	28th Sep 2020	COURSERA	
21	AKSHAY R	1KS19CS115	DATA SCIENCE : FOUNDATIONS USING R	28th Sep 2020	COURSERA	
22	AKSHAY R	1KS19CS115	PRACTICAL MACHINE LEARNING	28th Sep 2020	COURSERA	
23	AKSHAY R	1KS19CS115	R PROGRAMMING	27th Sep 2020	COURSERA	
24	AKSHAY R	1KS19CS115	REPRODUCIBLE RESEARCH	27th Sep 2020	COURSERA	
25	AKSHAY R	1KS19CS115	GETTING AND CLEANING DATA	27th Sep 2020	COURSERA	
26	ROOPASHREE.N	1KS17CS064	PYTHON FOR EVERYBODY	25th Sep 2020	COURSERA	
27	AKSHAY R	1KS19CS115	PYTHON PROJECT : PILLOW, TESSERACT, AND OPENCV	24th Sep 2020	COURSERA	
28	AKSHAY R	1KS19CS115	THE DATA SCIENTIST'S TOOLBOX	24th Sep 2020	COURSERA	
29	AKSHAY R	1KS19CS115	PYTHON 3 PROGRAMMING	24th Sep 2020	COURSERA	
30	AKSHAY R	1KS19CS115	DATA COLLECTION AND PROCESSING WITH PYTHON	23rd Sep 2020	COURSERA	
31	AKSHAY R	1KS19CS115	PYTHON CLASSES AND INHERITANCE	23rd Sep 2020	COURSERA	
32	CHENNA KESHAVA.N.T	1KS17CS019	APPLIED DATA SCIENCE WITH PYTHON	22nd Sep 2020	COURSERA	
33	SAI SNEHA.S.V	1KS17CS070	BUILDING WEB APPLICATIONS IN PHP	21st Sep 2020	COURSERA	
34	AKSHAY R	1KS19CS115	PYTHON FUNCTIONS, FILES AND DICTIONARIES	19th Sep 2020	COURSERA	

35	AMOGHA MANJUNATHA.K	1KS17CS006	AWS FUNDAMENTALS : GOING CLOUD-NATIVE	18th Sep 2020	COURSERA	
36	AMOGHA MANJUNATHA.K	1KS17CS006	PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON)	18th Sep 2020	COURSERA	
37	AKSHAY R	1KS19CS115	NETWORK SECURITY & DATABASE VULNERABILITIES	15th Sep 2020	COURSERA	
38	AKSHAY R	1KS19CS115	IT FUNDAMENTALS FOR CYBERSECURITY	15th Sep 2020	COURSERA	
39	CHENNA KESHAVA.N.T	1KS17CS019	IBM DATA SCIENCE	13th Sep 2020	COURSERA	
40	ROOPASHREE.N	1KS17CS064	PRINT AND DIGITAL ELEMENTS OF DESIGN : BRANDING AND USER EXPERIENCE	10th Sep 2020	COURSERA	
41	AKSHAY R	1KS19CS115	C FOR EVERYONE : PROGRAMMING FUNDAMENTALS	9th Sep 2020	COURSERA	
42	ROOPASHREE.N	1KS17CS064	LEARN FIGMA - UI/UX DESIGN ESSENTIAL TRAINING	9th Sep 2020	UDEMY	
43	INDRASENA KALYANAM	1KS17CS030	BUILD YOUR PORTFOLIO WEBSITE WITH HTML AND CSS	9th Sep 2020	COURSERA	
44	INDRASENA KALYANAM	1KS17CS030	PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON)	8th Sep 2020	COURSERA	
45	CHENNA KESHAVA.N.T	1KS17CS019	PROBLEM SOLVING USING COMPUTATIONAL THINKING	07th Sep 2020	COURSERA	
46	INDRASENA KALYANAM	1KS17CS030	VIDEO BASICS WITH OPENCV AND PYTHON	6th Sep 2020	COURSERA	
47	INDRASENA KALYANAM	1KS17CS030	PYTHON FOR EVERYBODY	6th Sep 2020	COURSERA	
48	INDRASENA KALYANAM	1KS17CS030	USING DATABASE WITH PYTHON	6th Sep 2020	COURSERA	
49	CHENNA KESHAVA.N.T	1KS17CS019	USING PYTHON TO ACCESS WEB DATA	05th Sep 2020	COURSERA	

50	INDRASENA KALYANAM	1KS17CS030	CAPSTONE: RETRIEVING, PROCESSING ,A AND VISUALIZING DATA WITH PYTHON	5th Sep 2020	COURSERA	
51	CHENNA KESHAVA.N.T	1KS17CS019	FRONT END WEB DEVELOPMENT WITH REACT	04th Sep 2020	COURSERA	
52	CHENNA KESHAVA.N.T	1KS17CS019	AWS FUNDAMENTALS	3rd Sep 2020	COURSERA	
53	AKSHAY R	1KS19CS115	CYBERSECURITY COMPLIANCE FRAMEWORK & SYSTEM ADMINISTRATION	2nd Sep 2020	COURSERA	
54	MEGHANA.G.R	1KS17CS043	R PROGRAMMING	2nd Sep 2020	COURSERA	
55	AKSHAY R	1KS19CS115	WEB DESIGN FOR EVERYBODY CAPSTONE	31st Aug 2020	COURSERA	
56	AKSHAY R	1KS19CS115	CYBERSECURITY ROLES, PROCESSES & OPERATING SYSTEM SECURITY	31st Aug 2020	COURSERA	
57	AKSHAY R	1KS19CS115	WEB DESIGN FOR EVERYBODY BASICS OF WEB DEVELOPMENT & CODING	31st Aug 2020	COURSERA	
58	ROOPASHREE.N	1KS17CS064	ADVANCED STYLING WITH RESPONSIVE DESIGN	31st Aug 2020	COURSERA	
59	CHENNA KESHAVA.N.T	1KS17CS019	PYTHON DATA STRUCTURE	31st Aug 2020	COURSERA	
60	INDRASENA KALYANAM	1KS17CS030	RUBY ON RAILS : AN INTRODUCTION	30TH AUG 2020	COURSERA	
61	AKASH A S	1KS19CS006	INTRODUCTION TO CSS3	29th Aug 2020	COURSERA	
62	AKSHAY R	1KS19CS115	GOOGLE CLOUD PLATFORM FUNDAMENTALS : CORE INFRASTRUCTURE	29th Aug 2020	COURSERA	
63	CHENNA KESHAVA.N.T	1KS17CS019	MATHEMATICAL THINKING IN COMPUTER SCIENCE	29th Aug 2020	COURSERA	
64	BHOOMIKA A M	1KS19CS017	PROGRAMMING FOR EVERYBODY (GETTING STARTEDWITH PYTHON)	28th Aug 2020	COURSERA	

65	AKSHAY R	1KS19CS115	HOW GOOGLE DOES MACHINE LEARNING	26th Aug 2020	COURSERA	
66	AKSHAY R	1KS19CS115	CLOUDSEK XVIGIL TRAINING CERTIFICATE OF COMPLETION	25th Aug 2020	CloudSEK Xvigil	
67	SHANTANU KUMAR	1KS16CS089	APPLIED PLOTTING, CHARTING & DATA REPRESENTATION	24th Aug 2020	COURSERA	
68	AKSHAY R	1KS19CS115	DATA SCIENCE MATH SKILLS	23rd Aug 2020	CloudSEK Xvigil	
69	AKSHAY R	1KS19CS115	CRASH COURSE ON PYTHON	23rd Aug 2020	COURSERA	
70	INDRASENA KALYANAM	1KS17CS030	JAVA SCRIPT, JQUERY, AND JSON	20th Aug 2020	COURSERA	
71	INDRASENA KALYANAM	1KS17CS030	WEB APPLICATIONS FOR EVERYBODY	20th Aug 2020	COURSERA	
72	INDRASENA KALYANAM	1KS17CS030	USING PYTHON TO ACCESS WEB DATA	18th Aug 2020	COURSERA	
73	AKSHAY R	1KS19CS115	PYTHON FOR EVERYBODY	18th Aug 2020	COURSERA	
74	AAKRITI	1KS19CS001	INTRODUCTION TO PSYCOLOGY	16th Aug 2020	COURSERA	
75	INDRASENA KALYANAM	1KS17CS030	USING PYTHON TO ACCESS WEB DATA	18th Aug 2020	COURSERA	
76	ROOPASHREE.N	1KS17CS064	INTERACTIVITY WITH JAVASCRIPT	17th Aug 2020	COURSERA	
77	AKASH A S	1KS19CS006	INTRODUCTION TO HTML-5	15th Aug 2020	COURSERA	
78	AKSHAY R	1KS19CS115	PROGRAMMING FUNDAMENTALS	14th Aug 2020	COURSERA	
79	ROOPASHREE.N	1KS17CS064	BUILD A FULL WEBSITE USING WORDPRESS	14th Aug 2020	COURSERA	
80	SHASHANK SHET.K	1KS17CS075	PYTHON (BASIC)	12th Aug 2020	HACKER RANK	
81	ABHISHEK YADAV	1KS19CS003	PYTHON NETWORK PROGRAMMING FOR NETWORK ENGINEERS (PYTHON 3)	12th Aug 2020	UDEMY	

99	MEGHANA.G.R	1KS17CS043	FRONT END WEB UI FRAMEWORKS AND TOOLS : BOOTSTRAP 4	01st Aug 2020	COURSERA	
100	AKSHAY R	1KS19CS115	INTRODUCTION TO GAME DEVELOPMENT	31st Jul 2020	COURSERA	
101	DEEPIKA.S.H	1KS17CS022	SMART CONTRACTS	31st Jul 2020	COURSERA	
102	PRAJWAL.N	1KS18CS068	INTRODUCTION TO CYBERSECURITY TOOLS & CYBER	30th Jul 2020	COURSERA	
103	PREETHI K P	1KS19CS071	PYTHON DATA STRUCTURE	29th Jul 2020	COURSERA	
104	MEGHANA.G.R	1KS17CS043	BLOCKCHAIN ESSENTIALS	18TH JUL TO 26TH JUL 2020	ITM Edutech Training Pvt. Ltd	
105	ROOPASHREE.N	1KS17CS064	INTRODUCTION TO CSS3	25th Jul 2020	COURSERA	
106	ANUSHA.A.G	1KS17CS010	PROGRAMMING FOR EVERYBODY (GETTING STARTEDWITH PYTHON)	25th Jul 2020	COURSERA	
107	DEEPIKA.S.H	1KS17CS022	IMAGE PROCESSING WITH PYTHON	25th Jul 2020	COURSERA	
108	AKSHAY R	1KS19CS115	INTRODUCTION TO CSS3	23rd Jul 2020	COURSERA	
109	PREETHI K P	1KS19CS071	PROGRAMMING FOR EVERYBODY (GETTING STARTED WITH PYTHON)	21st Jul 2020	COURSERA	
110	CHENNA KESHAVA.N.T	1KS17CS019	FRONT- END WEB UI FRAMEWORKS AND TOOLS : BOOTSTRAP 4	21st Jul 2020	COURSERA	
111	CHANDANA.B.R	1KS17CS018	INTRODUCTION TO STRUCTURED QUERY LANGUAGE (SQL)	21st Jul 2020	COURSERA	
112	CHANDANA.B.R	1KS17CS018	BUILDING DATABASE APPLICATIONS IN PHP	20th Jul 2020	COURSERA	
113	CHANDANA.B.R	1KS17CS018	BUILDING WEB APPLICATIONS IN PHP	18th Jul 2020	COURSERA	

82	AKSHAY R	1KS19CS115	INTRODUCTION TO CYBERSECURITY TOOLS & CYBER	11th Aug 2020	COURSERA	
83	INDRASENA KALYANAM	1KS17CS030	PYTHON DATA STRUCTURE	10th Aug 2020	COURSERA	
84	CHENNA KESHAVA.N.T	1KS17CS019	PROGRAMMING FOR EVERYBODY(GETTING STRATED WITH PYTHON)	10th Aug 2020	COURSERA	
85	SAHANA S	1KS19CS080	PROGRAMMING FUNDAMENTALS	9th Aug 2020	COURSERA	
86	CHENNA KESHAVA.N.T	1KS17CS019	DATA SCIENCE MATH SKILLS	9th Aug 2020	COURSERA	
87	INDRASENA KALYANAM	1KS17CS030	PROGRAMMING FOR EVERYBODY (GETTING STARTEDWITH PYTHON)	7th Aug 2020	COURSERA	
88	CHENNA KESHAVA.N.T	1KS17CS019	DATA SCIENCE MATH SKILLS	04th Aug 2020	COURSERA	
89	KRITHIKA JAGANNATH	1KS17CS036	TECHNICAL SUPPORT FUNDAMENTALS	04th Aug 2020	COURSERA	
90	AKSHAY R	1KS19CS115	ADVANCED STYLING WITH RESPONSIVE DESIGN	03rd Aug 2020	COURSERA	
91	PRAJWAL KULKARNI	1KS19CS070	PYTHON FOR BEGINEERS	03rd Aug 2020	COURSERA	
92	AKSHAY R	1KS19CS115	INTRODUCTION TO HTML-5	03rd Aug 2020	COURSERA	
93	DEEPIKA.S.H	1KS17CS022	PERFORM REAL-TIME OBJECT DETECTION WITH YOLOV3	03rd Aug 2020	COURSERA	
94	CHENNA KESHAVA.N.T	1KS17CS019	PYTHON (BASIC)	02nd Aug 2020	HACKER RANK	
95	AKSHAY R	1KS19CS115	PYTHON BASICS	02nd Aug 2020	COURSERA	
96	MEGHANA.G.R	1KS17CS043	IMAGE PROCESSING WITH PYTHON	02nd Aug 2020	COURSERA	
97	ANAGHA A HEBBAR	1KS19CS012	PROGRAMMING FOUNDATIONS WITH JAVASCRIPT, HTML AND CSS	02ND AUG 2020	COURSERA	
98	AKSHAY R	1KS19CS115	INTERACTIVITY WITH JAVASCRIPT	01st Aug 2020	COURSERA	

114	INDRASENA KALYANAM	1KS17CS030	INTRODUCTION TO STRUCTURED QUERY LANGUAGE (SQL)	17th Jul 2020	COURSERA	
115	INDRASENA KALYANAM	1KS17CS030	BUILDING WEB APPLICATIONS IN PHP	16th Jul 2020	COURSERA	
116	CHANDANA.B.R	1KS17CS018	RESTFUL API WITH HTTP AND JAVASCRIPT	14th Jul 2020	COURSERA	
117	PRANAV M S	1KS18CS069	IMPROVING DEEP NEURAL NETWORKS : HYPERPARAMETER TUNING, REGULARIZATION AND OPTIMIZATION	11th Jul 2020	COURSERA	
118	AKSHAY R	1KS19CS115	PYTHON FOR EVERYBODY	10th Jul 2020	COURSERA	
119	AKSHAY R	1KS19CS115	CAPSTONE: RETRIEVING, PROCESSING ,A AND VISUALIZING DATA WITH PYTHON	10th Jul 2020	COURSERA	
120	AKSHAY R	1KS19CS115	USING DATABASE WITH PYTHON	10th Jul 2020	COURSERA	
121	SAI SNEHA.S.V	1KS17CS070	PYTHON DATA STRUCTURE	9th Jul 2020	COURSERA	
122	KEERTHI.N	1KS17CS035	THE DATA SCIENTIST'S TOOLBOX	08th Jul 2020	COURSERA	
123	SHRIRAKSHA.S.KANAGO	1KS17CS102	INTRODUCTION TO CYBERSECURITY TOOLS & CYBER	8th Jul 2020	COURSERA	
124	LAVANYA.V	1KS17CS037	BLOCKCHAIN BASICS	05th Jul 2020	COURSERA	
125	AKSHAY R	1KS19CS115	USING PYTHON TO ACCESS WEB DATA	2nd Jul 2020	COURSERA	
126	AVINASH PRASAD	1KS18CS008	THE COMPLETE SQL COURSE 2020 : BECOME A MYSQL MASTER	1st Jul 2020	UDEMY	

19/7/21
Head of the Department
Dept. of Computer Science & Engg.
K.S. Institute of Technology
Bengaluru -560 109

Online Course Certificate Sample

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 (10) **Total Marks: 10.00**

Institute Marks: 10.00

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

K S INSTITUTE OF TECHNOLOGY BANGALORE

DEPARTMENT OF TRAINING AND PLACEMENT

LIST OF MODULES FOR PERSONALITY DEVELOPMENT TRAINING PROGRAM-LIFE SKILL @ KSIT

Academic Year : 2020-2021 **Semester:** 5th & 7th

Branch: ECE, CSE, MECH & TCE

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
KSIT #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	SUBSCRIBEIT	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
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PLACED STUDENTS LIST OF 2020 BATCH

S.NO.	No of ELIGIABLE 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

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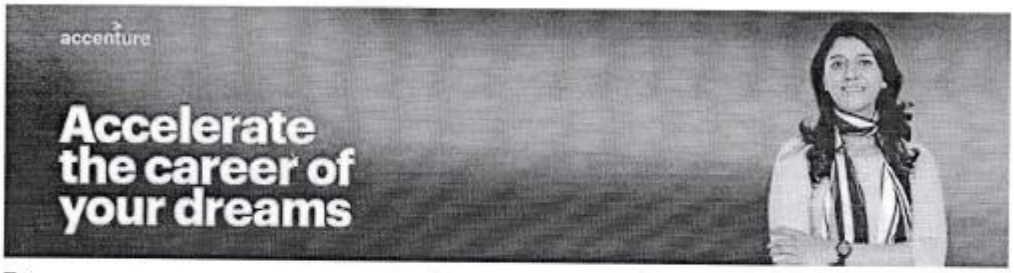
LIST OF STUDENTS PLACED IN THE ACADEMIC YEAR 2018-19

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

CS



To,

Name : Supriya Vishwanath

Re: Important information post your clearance of the interview process during the Campus Visit

Dear Supriya Vishwanath,

This confirms you have cleared the initial interview process. Your journey for getting an Offer of Employment from Accenture has just begun. Please go through this communication to acquaint yourself of the various actions that your candidature will go through before a release of Offer of Employment by Accenture.

- **Document verification and checks -** Post accepting this Letter of Intent, you will have to submit certain prerequisites / documents. The Offer release will be contingent upon successful verification of your documents that will be submitted by you. Once you receive the offer, we would like you to accept the offer within 7 Days from the day you receive the Offer Letter.

  At all stages of the hiring process, you are expected to declare all facts honestly and act with utmost integrity while applying for any opportunity. In case of any misrepresentation of information/facts in your candidate registration process or at any stage of the hiring process, this Letter of Intent or any subsequent offer issued to you shall stand revoked.

- **Information on Accenture's Pre-joiner-Learning Module** - As part of providing our new joiners a unique learning experience, Accenture proposes a learning module - Technology Fundamentals Online Learning program (Hereinafter" program"). We would like to share the details of this program in advance for your ease of information and familiarity with its conditions.

  - The training module of this program is typically made available to potential new joiners at least 45 days before onboarding to give them a reasonable time to learn at their pace and comfort. Details of which are as under:

    - Under the program, the learning modules hosted on a technology platform will prepare the potential new joiner to be code ready.

    - Post onboarding/joining Accenture, and after the Induction the potential new joiner will need to go through the Technology fundamental assessment (based on the pre on-boarding online learning program).

    - On successful completion of the program and clearance of the Technology fundamental

assessment in the first attempt along with completion of the online program module, a potential new joiner will be eligible for a learning Incentive of INR 10,000.

- In case a potential new joiner fails in the first attempt they will not be eligible for any learning incentive.
- To clear assessments for the program, potential new joiners are required to score minimum 60% marks in each assessment test for the program. If they are unable to score 60% in the first attempt, they will have up to two additional attempts and will be required to score minimum 65% marks to clear the assessment for the program.
- Before each reattempt, reasonable guidance and appropriate refresher training sessions will be provided to new joiners to help them appear in the reassessment.

The potential new joiner's employment with Accenture is subject to successful completion of the assessment of the program, as mentioned above.

After a new joiner has cleared the Pre-Joiner Program; they will need to undergo further Accenture stream specific trainings. For clearing these trainings also, Accenture provides three attempts with success criteria similar to one for the pre-joiner program as mentioned above. If potential new joiners are unable to complete the Accenture specific training program in the given 3 attempts successfully, their services with the Company shall be terminated as per the Terms of Employment.

We wish you the best of this journey and congratulate you on clearing the interviews. Your proposed compensation for the ease of information and subject to release of an offer of employment by Accenture is as mentioned in **Annexure A**. Specific details will be mentioned in your formal offer letter.

Annexure A

- Career Level - 12
- Proposed role - Application Development Associate
- Annual fixed compensation for the fiscal will be INR 3,83,000; it includes allowances and statutory benefits and will be structured in accordance with the Company's policy.
- Local Variable Bonus - At your career level, the maximum annual target variable pay-out is estimated as INR 32,500. The pay-out that you receive will depend but not limited to your performance achievement and performance of Advance Technology Centers, India in the current company fiscal year.
- Joining Bonus - You are also eligible for a joining Bonus of INR 25,000; payable upon successful completion of initial training as per company process.
- Maximum Annual Total earning potential - 4,40,500
- Additional Benefits: Gratuity as per law (if applicable) + Insurance premium (Notion Value): INR 9,500
- Maximum Annual Total earning potential + Total Additional Benefits - INR 4,50,000/-

You may be required to relocate for project deployment to any part of India and work in 24X7 shifts basis business requirement

Please note, the above is informative and not exhaustive, specific details will be in the Offer Letter.

"This is an electronically generated document does not require signatures"

1Ks16CS039

<cloudThing>

Ref: CT/IN/063/2020

Date: September 17, 2020

Manipi Manoj,
Bangalore

Sub: Offer of Employment

Dear Manoj,

Thank you for investing your time to pursue an opportunity with CloudThing India Private Limited. We are delighted in offering you an employment opportunity as **"Software Engineer"** with us.

"Company" for all purposes in this document shall mean CloudThing India Private Limited, Bangalore.

Following are the terms and conditions associated with your employment:

I. **Compensation and Appointment**

a. Your total compensation package for this position is **Rs. 3,75,000/- (Three lakhs and seventy-five thousand rupees only).** The details break up of this compensation is listed in Annexure I.

b. Your individual remuneration is purely a matter between yourself and the company and has been arrived based on your job, skills specific background and professional merit. We expect you to treat this information and any changes made therein from time to time as personal and confidential. Failing so, will lead to disciplinary action

c. A background verification process will be initiated as soon as we release an offer to you. Your offer will stand valid only on successful completion of the verification process. Should the background verification be unsuccessful, the company may withdraw the offer anytime or in the event that you have joined the company, the company will give you 1 week notice and terminate your employment.

d. Your employment is contingent upon your ability to work for the Company without restriction (i.e. you do not have any non- compete obligations or other restrictive clauses with any previous employer)

e. Your employment is contingent upon you submitting genuine documents (list mentioned in Annexure II). Should any of the documents be found not genuine, the company has the right to take action up to termination of employment.

II. **PROBATION**

You will be on probation for Nine (9) months from the date of joining. On successful completion of the probation, your employment with CloudThing will be officially confirmed. During Probation employment is terminable, without reasons, by either party giving 15 day's notice.

L 158, 14th Cross Road, 5th Main, Sector 6, HSR Layout, Bangalore – 560102, INDIA
Email: info@cloudthing.in

Navya. A
1KS15CS063

NTT DATA Global Delivery Services Private Limited

18 & 18/1, South End Road
Basavanagudi, Bangalore 560 004 India
Tel: +91.80.2665.9482 Fax: +91.80.2653.0912

27-Nov-2018
Navya A
K S Institute Of Technology

Dear Navya A,

With reference to your application and the subsequent discussion(s) that we had, we are pleased to offer you Software Development Senior Associate with NTT DATA Global Delivery Services Private Limited (hereinafter referred to as "the Company") subject to below terms and condition. Please note that your subsequent employment with the Company is subject to your completing the training as given below.

Please note that this offer does not give you the employee status of the Company. Your appointment as trainee comes into effect only after completing the joining formalities with the Company and subject to the below Terms and Conditions. This communication does not confer you with any right against the company until you join for training.
You will be undergoing a training program anywhere in India and at the end of which, you will be evaluated. Company shall determine as necessary, the period of training on the basis of your performance during the training period. Please note that the duration of the training period shall depend on our evaluation of your skill, project, domain, etc. during the evaluation tests conducted by the Company. The discretion with respect to determining the duration of training period shall vest solely with the Company.

On your start date, please bring the documents as per Annexure A. During the training you will be given a stipend of Rs. 12,000 per month.
Please note that the offer of appointment and continuation of employment thereof is subject to successful completion of your:

a) Qualifying exams with maximum of 2 arrears during the entire course, no pending arrears on completion of course and having minimum of 60% aggregate.
b) Induction training on joining the Company with a minimum score of 65% in the final evaluation on completion of the training.
c) Java SE 8 Programmer I certification from Oracle (Exam code 1Z0-808)

On successful completion of your training, you will be appointed as a Software Development Senior Associate in Grade 5 and will be on probation for an initial period of 6 months. Your confirmation is subject to evaluation of performance, which will happen subsequent to completion of the probation period. Your services will be confirmed, extended or terminated in writing. Till such letter is issued, you will continue to be on probation.

Your total compensation inclusive of all benefits will be Rs 300,000 during probation and on confirmation and the same will be subject to a deduction of tax at source in accordance with the prevailing laws.
The retirement age is 62 years. This contract of employment can be terminated by either party by giving a notice period of 30 days for employees on probation and 60 days for employees who have been confirmed in your Salary Grade. Either party is not bound to give any reasons thereof.

A formal letter communicating your location (anywhere in India and can include Company's affiliate offices across India) and date of joining will be sent to you at a later period. We will endeavor to give you adequate notice so that you can make necessary arrangements and travel plan. At the time of joining, you are requested to submit the documents as per Annexure A. You shall be on the rolls of companies establishment at Bangalore and this offer shall be subject to jurisdiction of Bangalore, Karnataka.

This is an offer of appointment. On your acceptance, a detailed formal letter of appointment will be issued to you at the time of joining.

Yours sincerely,
FOR NTT DATA GLOBAL DELIVERY SERVICES PRIVATE LIMITED

for Hemmala
B B SRINIVASULU
VICE PRESIDENT- TALENT ACQUISITION

We request you to please read and sign the enclosed copy of this letter and return it by 27-Nov-2018 to indicate your acceptance of this Offer. I agree & accept employment on the terms and conditions mentioned in this letter.

Signature: Navya A
(Navya A)

Date: 27/Nov/18

CONFIDENTIAL

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 Preliminaru 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	Kanodia R.K and Ashish Murolia

		Communication Volume-3	
14	18526	GATE Electronics and Communication Volume-2	Kanodia R.K and Ashish Murolia
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 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	G.K. Publishers

		and Information Science	
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	Brilliant Tutorials

		2000 Set- 1	
46	5651	Electronics & Communication Engineering GATE 2000 Set- 1	Brilliant Tutorials
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. Ravindra 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

SEVENTH SENSE
Talent Solutions

TRAINING REPORT

OF

TCS SPECIFIC TRAINING
FOR

7th Semester Engineering students

OF

Kammavari Sangha Institute of Technology
BENGALURU

CONDUCTED BY

SEVENTH SENSE TALENT SOLUTIONS,

BENGALURU

WWW.SEVENTHSENSETALENT.COM
WWW.SEVENTHSENSETEST.COM
WWW.FACEBOOK.COM/SEVENTHSENSETALENT
Email: info@seventhsensetalent.com

SEVENTH SENSE
Talent Solutions

Dear Respected Dr. Ranjana Jain Madam,

At the outset, warm greetings from me and the entire team at Seventh Sense Talent Solutions. The details of the TCS Specific training, we have conducted for **7th Semester Engineering students** of **Kammavari Sangha Institute of Technology, Bengaluru** are furnished in this document.

DATES FOR THE PROGRAM:

27th , 28th and 29th of July for the year **2019.**

TOPICS COVERED DURING THE TRAINING PROGRAM:

Day	Topics covered	Trainers' names
27/07/2019 + 28/07/2019 + 29/07/2019	C Programming + Coding	Krishna Bhai
	Ratios and Proportions + Percentages + Profit and Loss + Averages + Numbers + Mixtures and Alligations + Geometry	Logeshwaran + Bhargavi
	Probability + Permutation and Combinations + Time and Work + Time, Speed and Distances + Functions + Algebra	Rohit Bushan + Rohit Bhat

SEVENTH SENSE
Talent Solutions

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

SEVENTH SENSE
Talent Solutions

SEVENTH SENSE
Talent Solutions

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.

Technical Training Program

K S INSTITUTIONS OF TECHNOLOGY								
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING								
Date & Day	**S1 (8.40 am 10.15 am)**	**Resource Person**	**S2 (10.30 am 12.00 pm)**	**Resource Person**	**S3 (12.45 pm 2.15 pm)**	**Resource Person**	**S4 (2.30 pm 4.00pm)**	**Resource Person**
16/9/2019 Monday	DBMS Entity relation model Noemalization and ACID prpoperties serializability	Dr. Neelam Bawane	DBMS SQL Queries formation Join, Select sub queries Join – Select vs select join	Dr. Neelam Bawane	Overview programming: literals, variables, data types control statements, loops iteration and recursion function and param passing pass by value and Reference	Raghavendrachar S	Mini project work Web, CGI, DBMS, Pytjhon/ C quizzes, Interview, Qs	Dr. Dayananda R B & Mr. Anil kumar C H
17/9/2019 Tuesday	OS : Process management File systems, memory management	Roopesh Kumar B N	Data Structures : Arrays, Multi – dimensional Array, Array storage	Raghavendrachar S	Data Structures : Linked list, Hashes, Stacks, Trees, Priority Queues Complexity analysis of operaions	Vijayalaxmi M	OS:Deadlocks and semaphores Interprocess communication permissions and	Ashoka S

			and indexing Array operations and complexity				ownership Access control	
18/9/2019 Wednesday	Java Programming: JVM and runtime Memeory Management in Java	Harshavardhan J R	Mini Project : Continuation	Dr. Dayanand R B & Mr. Anil kumar C H	Mini Project: Continuation:	Dr. Dayanand R B & Mr. Anil kumar C H	Summary and Review	Dr. Rekha B Venkatapur& K Venkata Rao K

- 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).

D. Placement process and support

Placement Policy, Rules and Regulation

- 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 (5) **Total Marks: 5.00**

Institute Marks: 4.00

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

Entrepreneurship Committee	
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 BENIFITTED: 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	TVAST IT SOLUTIONS	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.

Annexure B

GSTIN	29AAQFT1615G1ZY
Legal Name	TVAST IT SOLUTIONS
Trade Name, if any	TVAST IT SOLUTIONS

Details of Managing / Authorized Partners

1

Name	SRIRANGAPATNA KRISANAKUMAR DARSHAN 1KS15CS024
Designation/Status	PARTNER
Resident of State	Karnataka

2

Name	MURTHY ABHISHEK 1KS16CS001
Designation/Status	PARTNER
Resident of State	Karnataka

3

Name	MOHAN VIJAYA BOOPATHI
Designation/Status	PARTNER
Resident of State	Karnataka

1KS15CS024

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	21st 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	21st January, 2020
3.	Talk	Technical talk on "Innovation, Motivation and Entreneurship in Foundry Industries"	Dr. R. Ranganath and Dr. P. Raghapthama Rao	31st October,2019
4.	Talk	Technical talk on "Entrepreneur life and Career Opportunities"	Mr. Guru Sharan, CEO- Path Finder NRI	27Tth September, 20 19

14

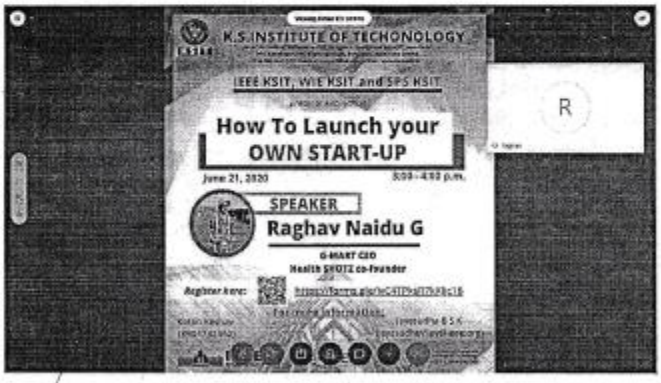
IEEE KSIT STUDENT BRANCH

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.

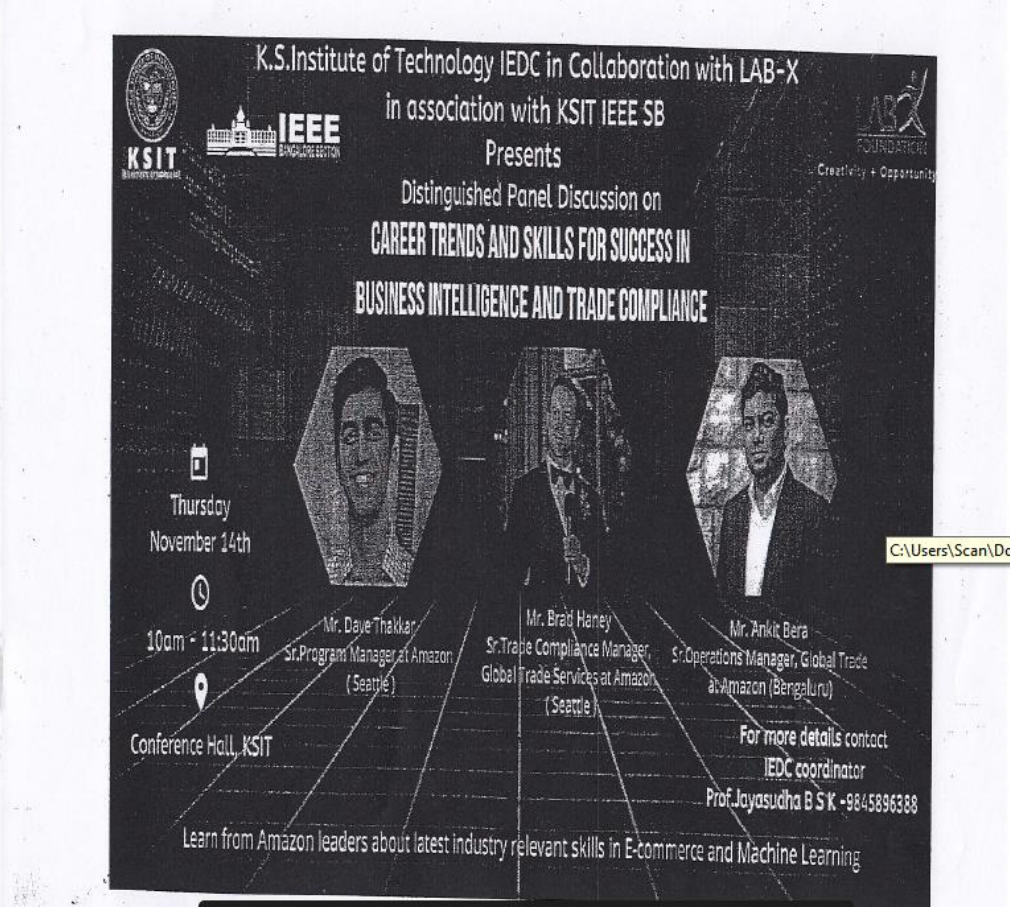
The guest speaker, Mr.Raghav Naidu G is the CEO of G-MART and co-founder of Health Shotz. He addressed the members present in the webinar enlightening the objectives of starting a business, the thinking process that is involved in setting up a business, various types of establishments and costs.

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


K.S.Institute of Technology IEDC in Collaboration with LAB-X
in association with KSIT IEEE SB
Presents
Distinguished Panel Discussion on
CAREER TRENDS AND SKILLS FOR SUCCESS IN
BUSINESS INTELLIGENCE AND TRADE COMPLIANCE
KSIT
IEEE
Creativity + Opportunity
Thursday
November 14th
10am - 11:30am
Conference Hall, KSIT
Mr. Dave Thakkar
Sr.Program Manager at Amazon
(Seattle)
Mr. Brad Haney
Sr.Trade Compliance Manager,
Global Trade Services at Amazon
(Seattle)
Mr. Ankit Bera
Sr.Operations Manager, Global Trade
at Amazon (Bengaluru)
For more details contact
IEDC coordinator
Prof.Jayasudha B S K -9845896388
Learn from Amazon leaders about latest industry relevant skills in E-commerce and Machine Learning

A Report on

PANEL DISCUSSION : CAREER TRENDS AND SKILLS FOR SUCCESS IN BUSINESS INTELLIGENCE AND TRADE COMPIANCE

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 COMPIANCE"** 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.

16/11/19.

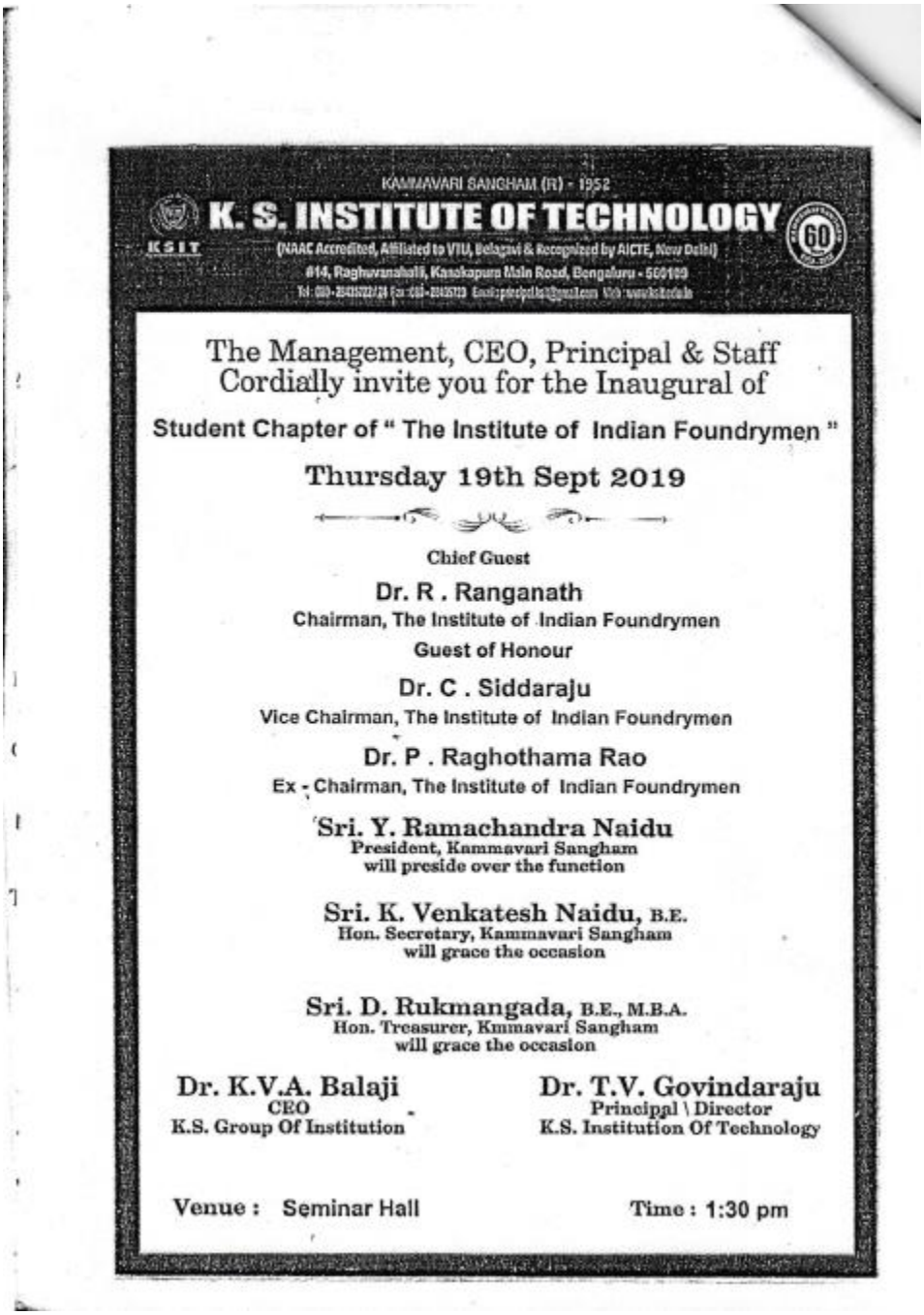
Signature of IEDC Coordinator

Signature of IEEE KSIT SB Chair

16.11.19

Principal

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



KAMMAVARI SANGHAM (R) - 1952

K. S. INSTITUTE OF TECHNOLOGY

KSIT

(NAAC Accredited, Affiliated to VTU, Belagavi & Recognized by AICTE, New Delhi)

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru - 560109

The Management, CEO, Principal & Staff
Cordially invite you for the Inaugural of

Student Chapter of " The Institute of Indian Foundrymen "

Thursday 19th Sept 2019

Chief Guest

Dr. R . Ranganath
Chairman, The Institute of Indian Foundrymen

Guest of Honour

Dr. C . Siddaraju
Vice Chairman, The Institute of Indian Foundrymen

Dr. P . Raghothama Rao
Ex - Chairman, The Institute of Indian Foundrymen

Sri. Y. Ramachandra Naidu
President, Kammavari Sangham
will preside over the function

Sri. K. Venkatesh Naidu, B.E.
Hon. Secretary, Kammavari Sangham
will grace the occasion

Sri. D. Rukmangada, B.E., M.B.A.
Hon. Treasurer, Kammavari Sangham
will grace the occasion

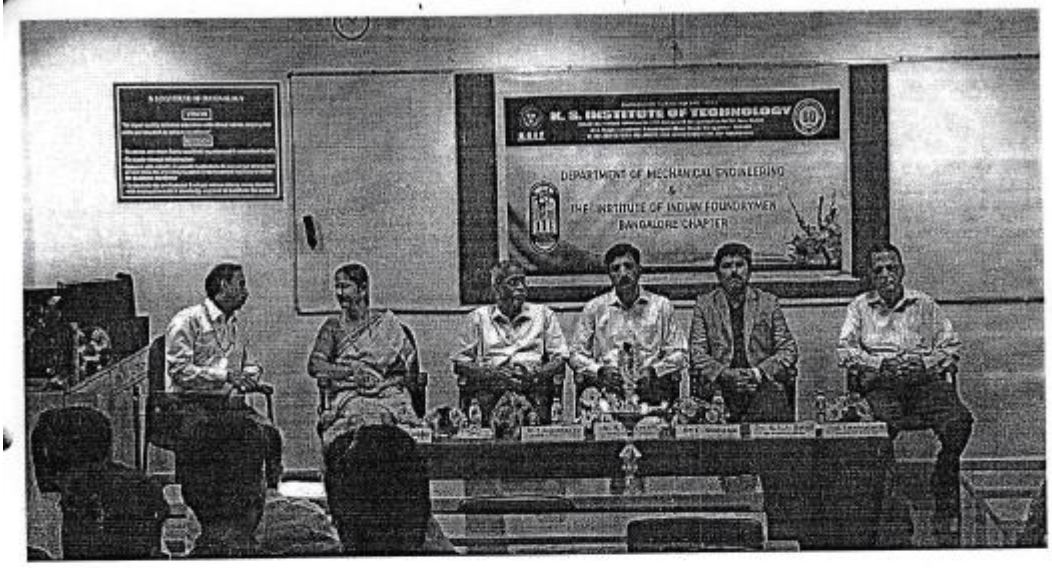
Dr. K.V.A. Balaji
CEO
K.S. Group Of Institution

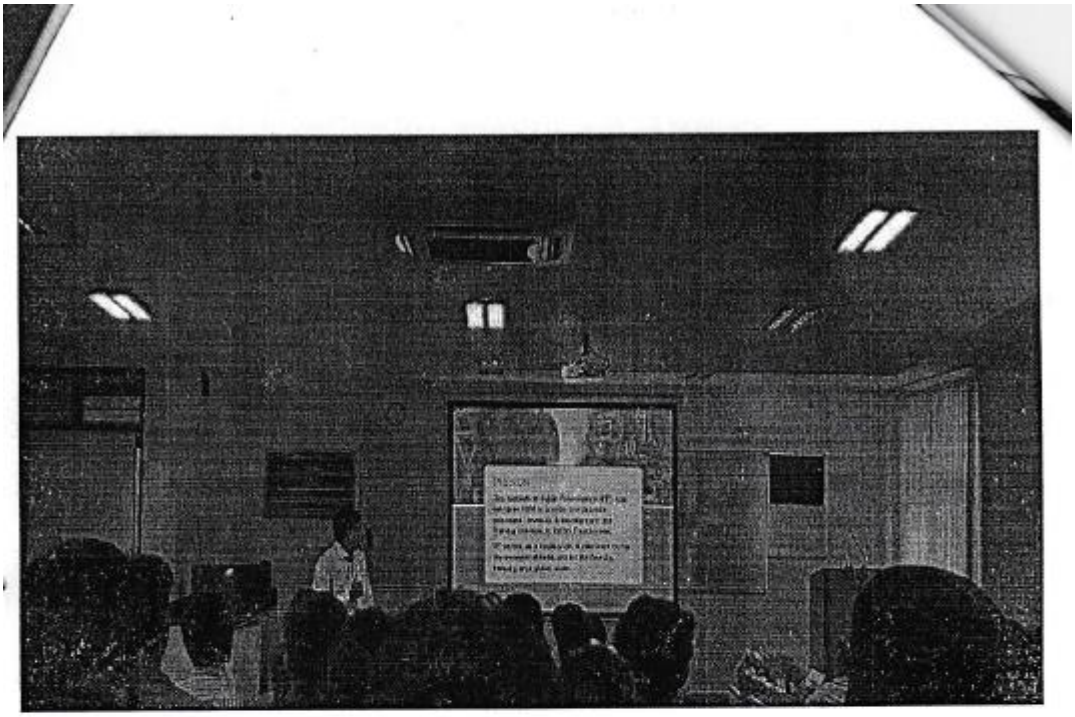
Dr. T.V. Govindaraju
Principal \ Director
K.S. Institution Of Technology

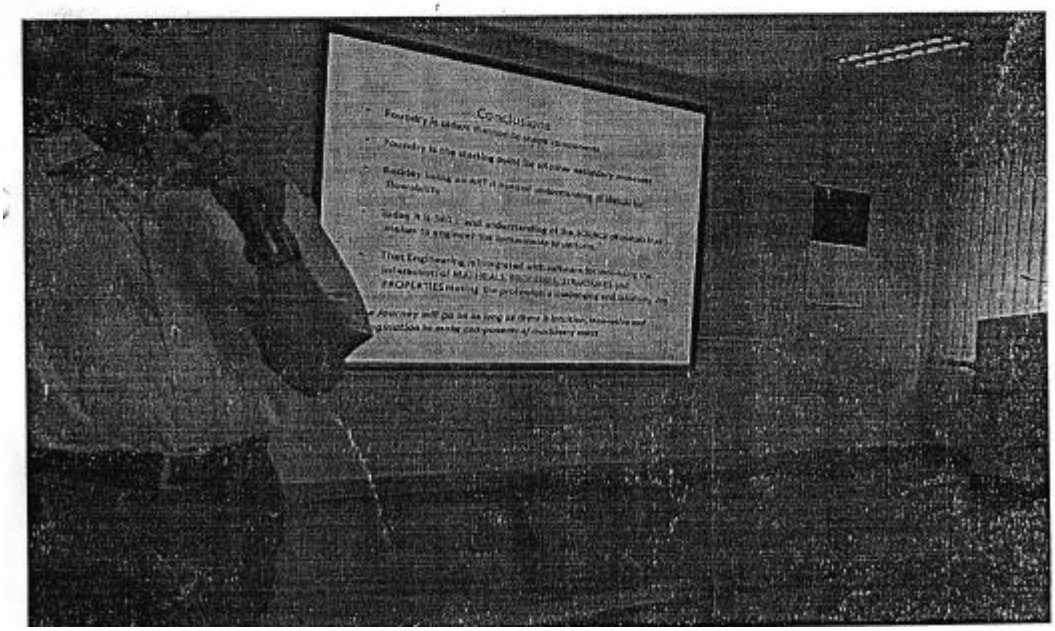
Venue : Seminar Hall

Time : 1:30 pm

Photos of IIF Inauguration and Technical talk






Conclusions

23.5.15
Principal
PRINCIPAL
K.S INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

23/9/14
HOD

IIF Coordinator

ENTREPRENEUR 1

KSIT

IEEE BANGALORE SECTION

IEEE KSIT STUDENT BRANCH

EVENT: TECHNICAL TALK ON

"Entrepreneur's life & Career Opportunity"

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 BENIFITTED: 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	TVAST IT SOLUTIONS	Partner	Managing Partners	2019-20

सत्यमेव जयते

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

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

Annexure B

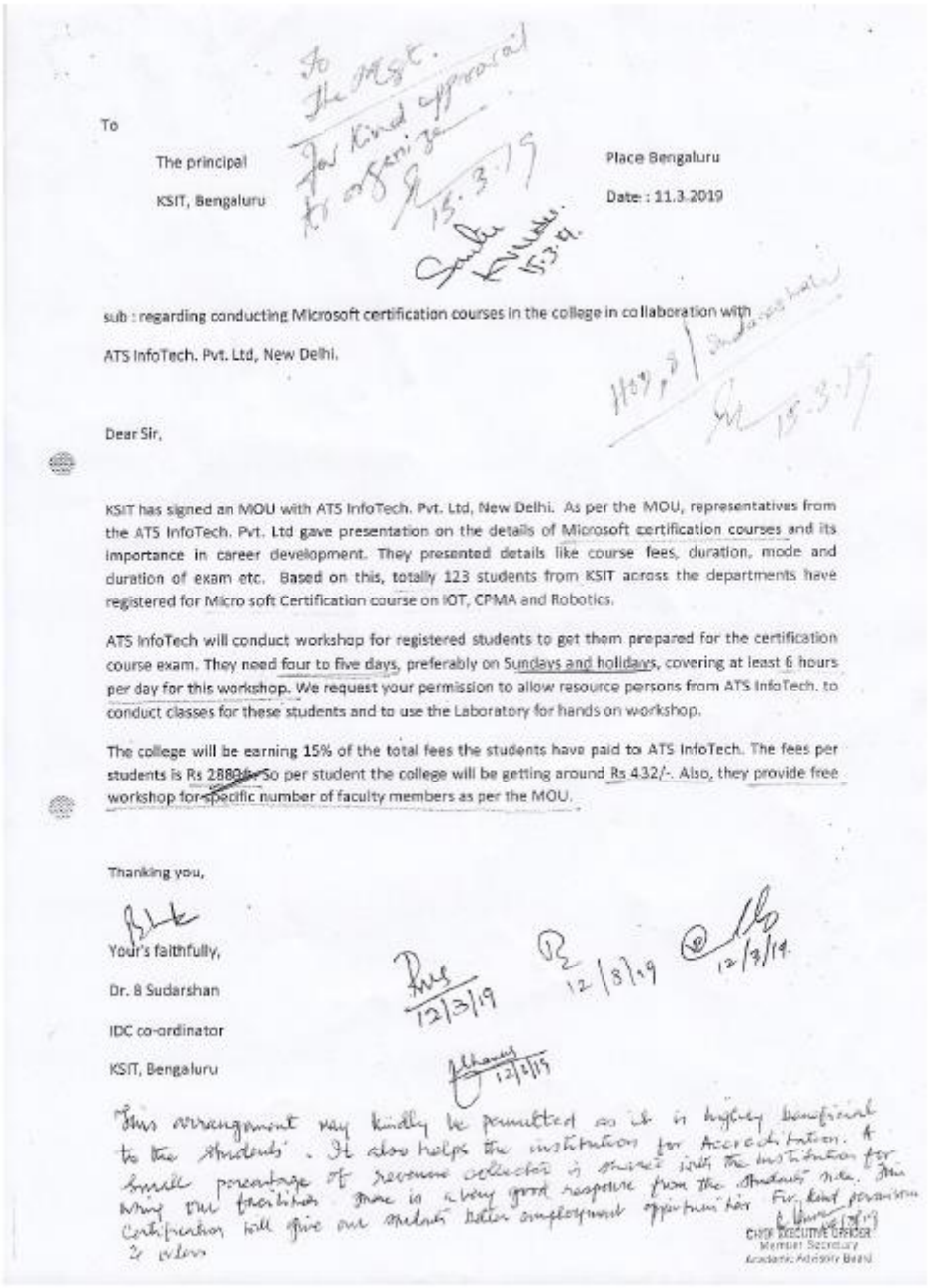
GSTIN	29AAQFT1615G1ZY
Legal Name	TVAST IT SOLUTIONS
Trade Name, if any	TVAST IT SOLUTIONS

Details of Managing / Authorized Partners

1		Name	SRIRANGAPATNA KRISANAKUMAR DARSHAN 1KS15CS024
		Designation/Status	PARTNER
		Resident of State	Karnataka
2		Name	MURTHY ABHISHEK 1KS16CS001
		Designation/Status	PARTNER
		Resident of State	Karnataka
3		Name	MOHAN VIJAYA BOOPATHI
		Designation/Status	PARTNER
		Resident of State	Karnataka

1KS15CS024

SL No.	Event	Description	Resource Person	Date
1	Microsoft Certification course on IoT, CPMA and Robotics	3rd Year UG students	ATS InfoTech Private Limited	4 Days: 1st, 4th , 5th and 7th of May 2019



To

The principal

KSIT, Bengaluru

Place Bengaluru

Date : 11.3.2019

sub : regarding conducting Microsoft certification courses in the college in collaboration 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,

Your's faithfully,

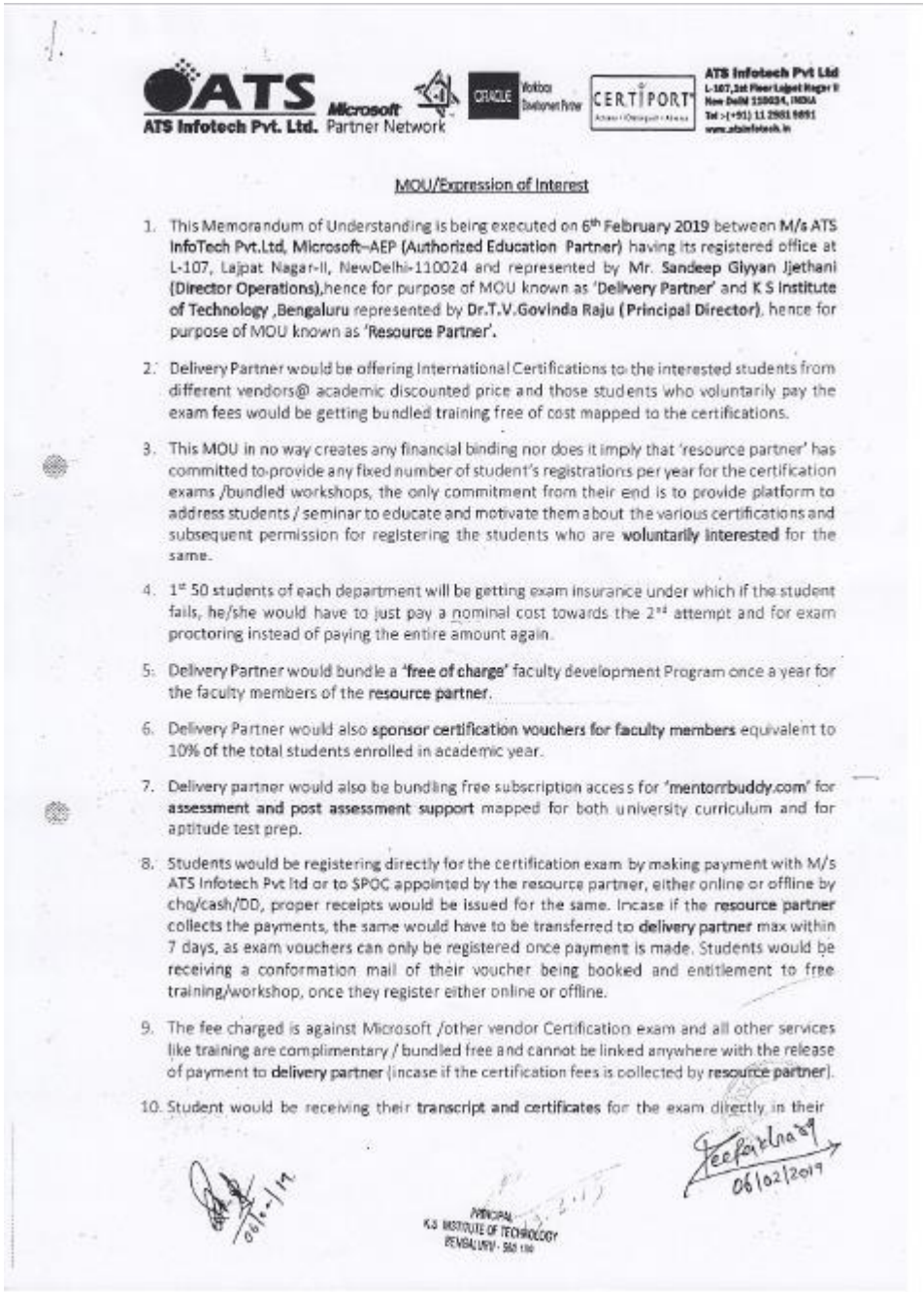
Dr. B Sudarshan

IDC co-ordinator

KSIT, Bengaluru

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 bring our facilities. There is a very good response from the students also. The Certification will give our students better employment opportunities. For kind permission & views

CHIEF EXECUTIVE OFFICER
Member Secretary
Academic Advisory Board



ATS Infotech Pvt. Ltd. Microsoft Partner Network

ATS Infotech Pvt Ltd
L-107,1st Floor Lajpat Nagar II
New Delhi 110024, INDIA
Tel :-(+91) 11 2981 9091
www.atsinfotech.in

MOU/Expression of Interest

1. This Memorandum of Understanding is being executed on 6th February 2019 between M/s ATS InfoTech Pvt.Ltd, Microsoft-AEP (Authorized Education Partner) having its registered office at L-107, Lajpat Nagar-II, NewDelhi-110024 and represented by Mr. Sandeep Giyyan Jjethani (Director Operations),hence for purpose of MOU known as 'Delivery Partner' and K S Institute of Technology ,Bengaluru represented by Dr.T.V.Govinda Raju (Principal Director), hence for purpose of MOU known as 'Resource Partner'.
2. Delivery Partner would be offering International Certifications to the interested students from different vendors@ academic discounted price and those students who voluntarily pay the exam fees would be getting bundled training free of cost mapped to the certifications.
3. This MOU in no way creates any financial binding nor does it imply that 'resource partner' has committed to provide any fixed number of student's registrations per year for the certification exams /bundled workshops, the only commitment from their end is to provide platform to address students / seminar to educate and motivate them about the various certifications and subsequent permission for registering the students who are voluntarily interested for the same.
4. 1st 50 students of each department will be getting exam insurance under which if the student fails, he/she would have to just pay a nominal cost towards the 2nd attempt and for exam proctoring instead of paying the entire amount again.
5. Delivery Partner would bundle a 'free of charge' faculty development Program once a year for the faculty members of the resource partner.
6. Delivery Partner would also sponsor certification vouchers for faculty members equivalent to 10% of the total students enrolled in academic year.
7. Delivery partner would also be bundling free subscription access for 'mentorrbuddy.com' for assessment and post assessment support mapped for both university curriculum and for aptitude test prep.
8. Students would be registering directly for the certification exam by making payment with M/s ATS Infotech Pvt ltd or to SPOC appointed by the resource partner, either online or offline by chq/cash/DD, proper receipts would be issued for the same. Incase if the resource partner collects the payments, the same would have to be transferred to delivery partner max within 7 days, as exam vouchers can only be registered once payment is made. Students would be receiving a conformation mail of their voucher being booked and entitlement to free training/workshop, once they register either online or offline.
9. The fee charged is against Microsoft /other vendor Certification exam and all other services like training are complimentary / bundled free and cannot be linked anywhere with the release of payment to delivery partner (incase if the certification fees is collected by resource partner).
10. Student would be receiving their transcript and certificates for the exam directly in their

06/02/2019

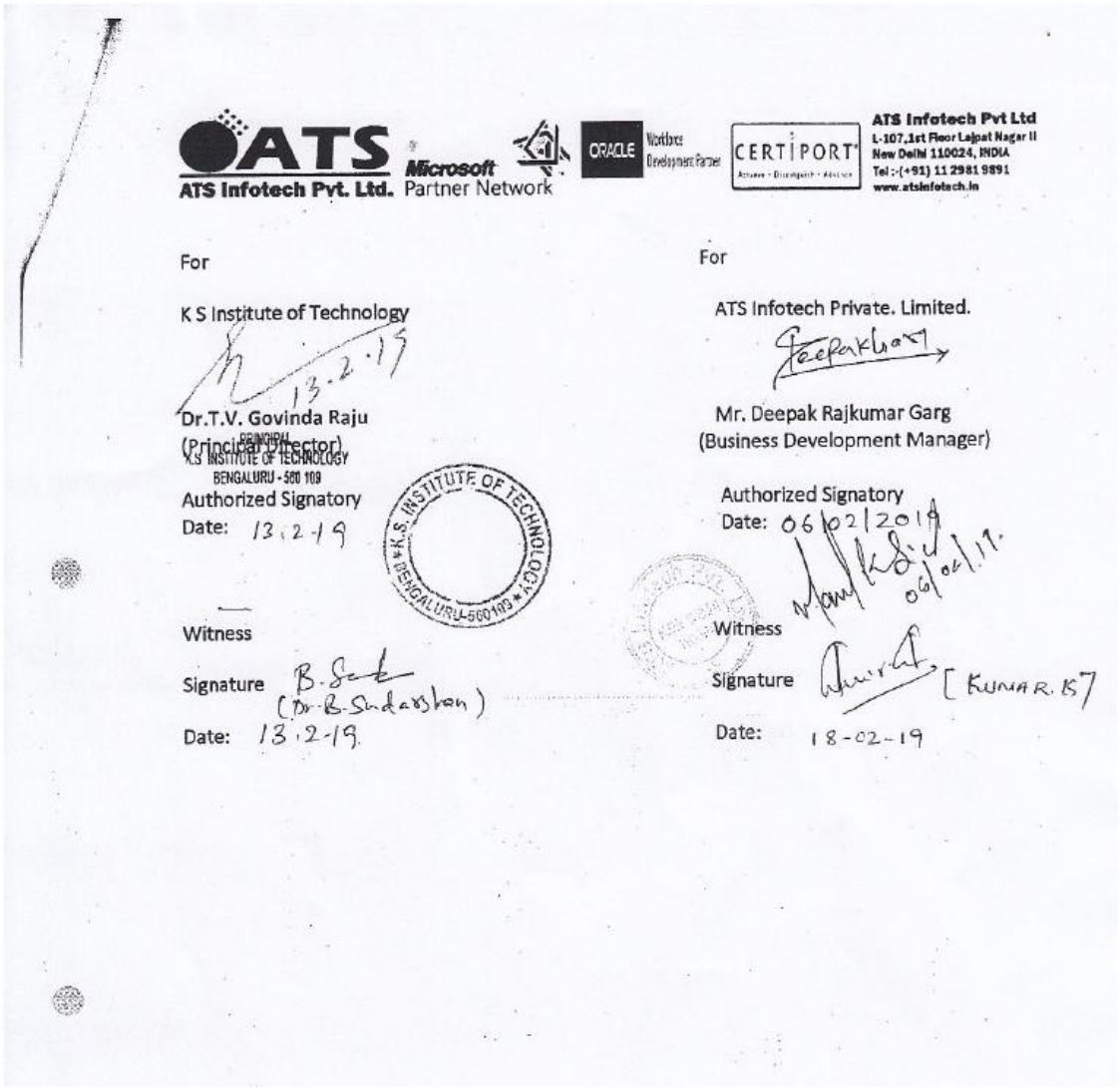
PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

ATS Infotech Pvt. Ltd. Microsoft Partner Network
ORACLE Workforce Development Partner
CERTIPORT
ATS Infotech Pvt Ltd
L-107,1st Floor Lajpat Nagar II
New Delhi 110024, INDIA
Tel :-(+91) 11 2981 9891
www.atsinfotech.in

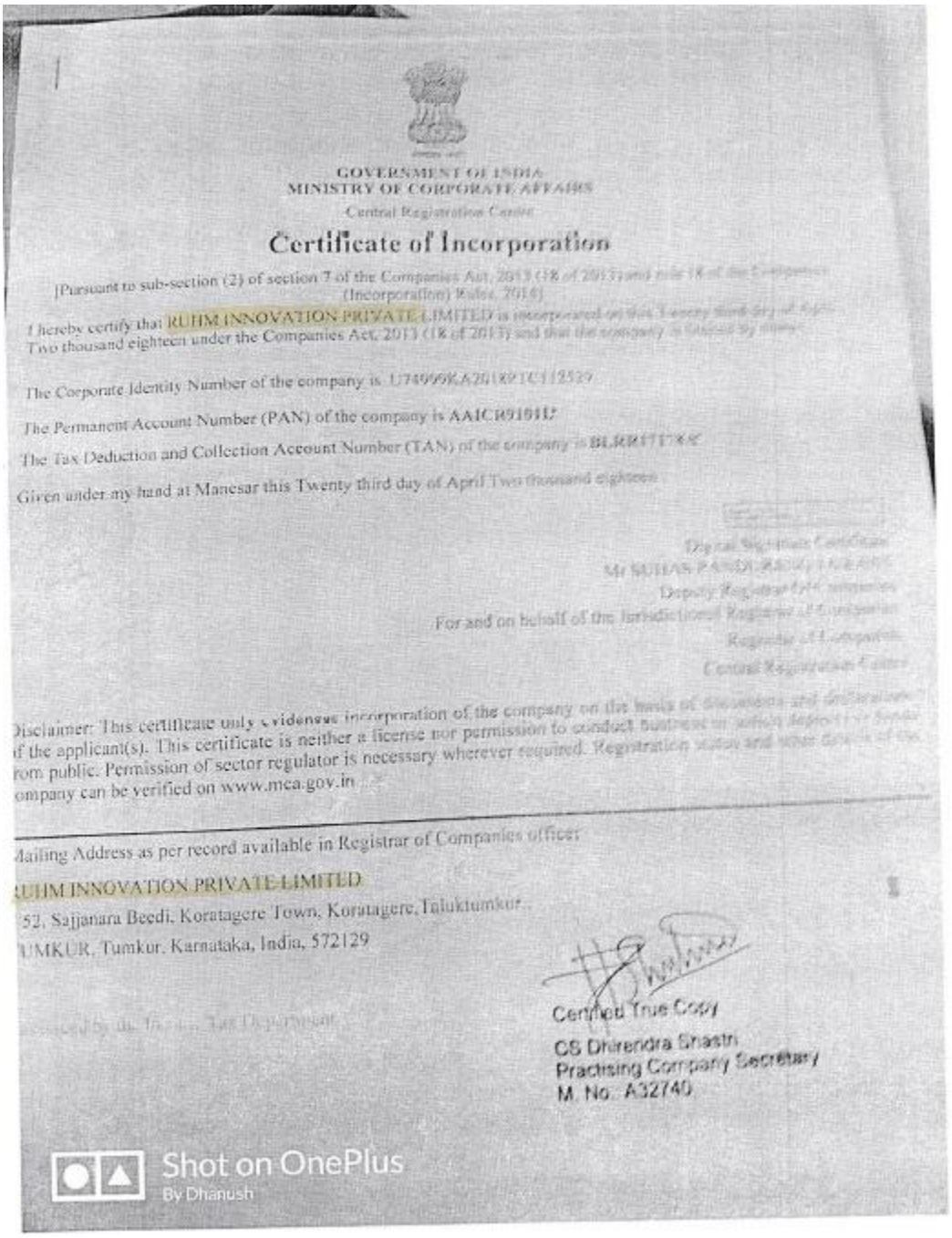
23. Cost of certification Exam bundled with free workshop.

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

06/02/2019



STUDENT BENIFITTED: 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	1KS16EC411	2018-19	Ruhm Innovation Pvt. Ltd.	Financial Officer	Business	2019



GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS
Central Registration Centre

Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]

I hereby certify that RUHM INNOVATION PRIVATE LIMITED is incorporated on this Twenty third day of April Two thousand eighteen under the Companies Act, 2013 (18 of 2013) and that the company is limited by shares.

The Corporate Identity Number of the company is U74999KA2018PTC112529

The Permanent Account Number (PAN) of the company is AAICR9191D

The Tax Deduction and Collection Account Number (TAN) of the company is BLRR17178E

Given under my hand at Manesar this Twenty third day of April Two thousand eighteen

Digital Signature Certificate
Mr SUHAS PANDURANG KARANDE
Deputy Registrar of Companies
For and on behalf of the Jurisdictional Registrar of Companies
Registrar of Companies
Central Registration Centre

Disclaimer: This certificate only evidences incorporation of the company on the basis of the documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the company can be verified on www.mca.gov.in

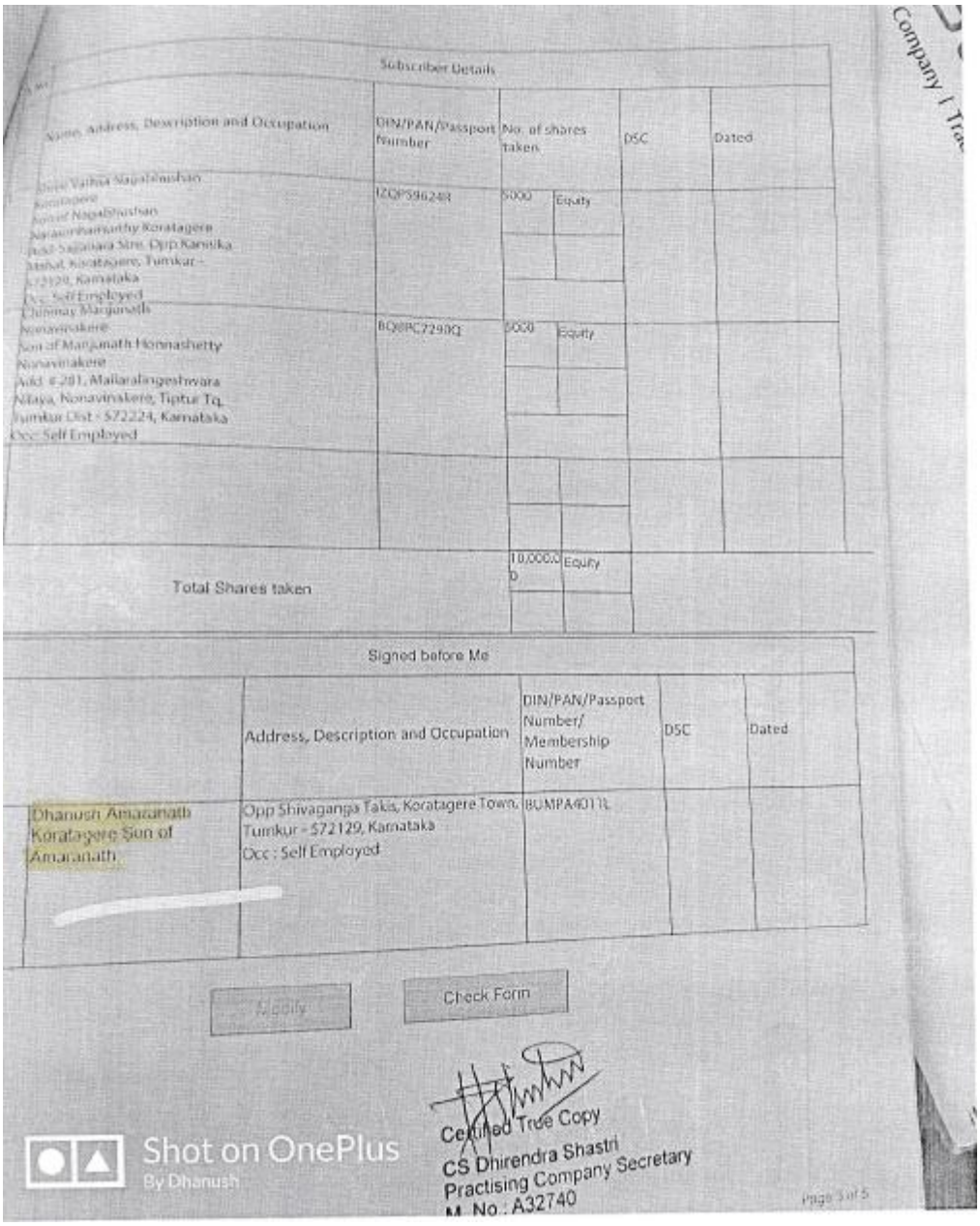
Mailing Address as per record available in Registrar of Companies office:

RUHM INNOVATION PRIVATE LIMITED
52, Sajjanara Beedi, Koratagere Town, Koratagere, Taluktumkur,
TUMKUR, Tumkur, Karnataka, India, 572129

Issued by the Income Tax Department

Certified True Copy
CS Dhirendra Shastri
Practising Company Secretary
M. No.: A32740

Shot on OnePlus
By Dhanush



Subscriber Details

Name, Address, Description and Occupation	DIN/PAN/Passport Number	No. of shares taken		DSC	Dated
Ashok Vatsa Nagabhushan Koratagere Ashok Nagabhushan Narasimhamurthy Koratagere Add: Sagarika Site, Opp.Kanika Mahal, Koratagere, Tumkur - 572129, Karnataka Occ: Self Employed	IZQPS9624R	5000	Equity		
Chinmay Manjunath Nonavinakere Son of Manjunath Honnashetty Nonavinakere Add: # 281, Mallaralingeshwara Nilaya, Nonavinakere, Tiptur Tq, Tumkur Dist - 572224, Karnataka Occ: Self Employed	BQBPC7298Q	5000	Equity		
Total Shares taken		10,000.00	Equity		

Signed before Me

	Address, Description and Occupation	DIN/PAN/Passport Number/ Membership Number	DSC	Dated
Dhanush Amaranath Koratagere Son of Amaranath	Opp Shivaganga Taks, Koratagere Town, Tumkur - 572129, Karnataka Occ : Self Employed	BUMPA4011L		

Modify Check Form

Certified True Copy
CS Dhirendra Shastri
Practising Company Secretary
M. No. A32740

Page 5 of 5

Shot on OnePlus
By Dhanush

9.7 Co-curricular and Extra-curricular Activities (10) **Total Marks: 10.00**

Institute Marks: 10.00

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		

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

12	VOTE OF THANKS		CHOWDAPPA . M .R ,NSS P.O

INDEPENDENCE DAY:15/8/2021 Page 1

Group photo NSS Volunteer

Refreshment in the function

CHOWDAPPA.M.R
NSS PROGRAMME OFFICER

Dr.DILIP KUMAR.K
PRINCIPAL

NSS Programme Officer
K S Institute of Technology
Kanakapura Main Road
Bengaluru - 560 109

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	26-0!-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.	27th & 28th August 2018	10	Inter-College	our college team qualified for **Quart finalist**
2	VTU Bangalore South Zone Inter College Table Tennis (M&W) Tournament 2018-19	JSSATM Bengaluru	3rd & 4th September 2018	10	Inter-College	
3	39th Annual Y Nagesh Rao Maanay Memorial Inter College throw ball (Men) Tournament 2018.	BNMIT Bengaluru	7th & 8th September 2018	12	Inter-College	our college team qualified for **Quart finalist**
4	2nd bhavana memorial Throw ball (Women) tournament 2018	GAT Bengaluru	7th & 8th September 2018	12	Inter-College	Our College secured **Runners**
5	VTU Inter College single zone Taekwondo competition 2018	VKIT Bengaluru	10th & 11th September 2018	02	Inter-College	
6	VTU Bangalore south zone Cricket (M) team selections trails 2018-19	DBIT Bengaluru	21st & 22nd 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	24th to 25th September 2018	01	VTU Team selections trails	
8	VTU Cricket (W) team selections trails 2018	SVIT Bengaluru	26th September 2018	03	VTU Team selections trails	
9	VTU Inter College swimming competition 2018-19	BMSCE Bengaluru	3rd October 2018	05	Inter-Collegiate	1 silver & 3 Bronze Medal
10	VTU bengaluru zone Inter College soft ball tournament 2018-19	Sir MVIT Bengaluru	4th & 5th October 2018	16	Inter-Collegiate	
11	State level Inter College throw ball Tournament 2018-19	Jyothi IT Bengaluru.	5th & 6th October 2018	24	Inter-Collegiate	our college(W) team qualified for **Semi finalist**
12	VTU Soft ball Team selections Trails 2018-19	SJMIT Chitradurga	6th to 7th October 2018	04	VTU Team selections trails	
13	VTU Bangalore South zone Throw ball Tournament 2018	GAT Bengaluru.	9th & 10th October 2018	12	Inter-Collegiate	
14	All India Inter University Swimming Championship 2018-19	**Jain University** Bengaluru	22nd to 30th October 2018	02	Inter University	2 Student Represented VTU
15	21st VTU Inter Collegiate Athletic meet 2018-19	SJCIT Chickballpur	25th October to 29th October 2018	11	Inter-Collegiate	

Sl. No.	Tournament/Competition	Held at	Date	No. of Students	Level	Achievement
16	All India Inter University Softball Championship 2018	**SRTM University Nanded (MS)**	25th October 2018 to 4th November 2018	02	Inter University	2 Student Represented VTU
17	VTU Weight lifting & Best Physique (Men)	GAT Bengaluru	30th & 31st October 2018	03	Inter-Collegiate	
18	19th VTU Inter Collegiate Youth Festival (M&W) 2018-19	BKIT Bhalki Bidar	2nd to 4th November 2018	04	Inter-Collegiate	
19	All India Inter University South Zone Kabaddi Tournament 2018-19	**Bangalore North University** Bengaluru	6th November 2018 to 15th November 2018	01	Inter University	1 Student Represented VTU
20	VTU Netball (M) team selections trails 2018	KNSIT Bengaluru	9th & 10th November 2018	02	VTU Team selections trails	
21	VTU Baseball (M) team selections trails 2018-19	Sir MVIT Bengaluru	14th&15th November 2018	04	VTU Team selections trails	
22	Inter Collegiate Sports Fest SPHYGMUS Soft ball Tournament 2019	Jyoti Nivas College Bangalore	12th to 14th February 2019.	16	Inter-Collegiate	Our College secured Runners Up
23	South zone inter-university Cricket (W) Tournament 2018-19	**VTU Belagavi**	14th to 23rd January 2019	01	Inter University	1 Student Represented VTU

24	South zone inter-university Cricket (W) Tournament 2018-19	**Andra University Visakhapatnam (AP)**	9th February 2019 to 14th February 2019	03	Inter University	3 Student Represented VTU
25	VTU Bangalore South Zone Inter College Volley ball (M) Tournament 2018-19	RVCE Bengaluru.	9th & 10th march 2019	12	Inter-College giate	Participated
26	VTU Bangalore South Zone Inter College Cricket (M) Tournament 2018-19	SJBIT Bengaluru	6th to 14th march 2019	16	Inter-College giate	Participated
27	**Sports Day – 2017-2018**	UCPE Ground Bangalore university	16th march 2019	700	Inter - Department	
28	VTU Bangalore South Zone Inter College Football (M) Tournament 2018-19	RNSIT Bengaluru	21st & 22nd March 2019	16	Inter-College giate	Participated
29	All India Inter University Base ball Championship 2018-19	**Kurukshetra University Kurukshetra**	27th March 2019 to 30th March 2019	02	Inter University	2 Student Represented VTU
30	VTU Handball (M) team selections trails 2019	NCEIT Bengaluru	8th & 9th April 2019	03	VTU Team selections trails	Participated
31	11th sai leo trophy kabaddi Tournament 2018-19	Sairam CE Anekal	24th April 2019	12	Inter-College giate	Participated
32	Throw ball (Women) tournament 2018-19	GAT Bengaluru	26th April 2019	12	Inter-College giate	Our College secured Wi**nners**
33	Kabaddi (men) tournament 2018-19	GAT Bengaluru	26th April 2019	12	Inter-College giate	Participated

34	VTU Bangalore South Zone Inter College Kabaddi (M) Tournament 2018-19	KSIT Bengaluru	29th & 30th April 2019	12	Inter-Collegiate	our college team qualified for **Semi finalist**
35	VTU Kabaddi (M) team selections trails 2019	Angadi IT&M Belagavi	6th & 7th 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 2018at 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.

Sadhvika 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

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 Commissoner 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 8th Sem ECE 2. Prajwal Krishnna 8th 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: 080-28435722/24, 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. Commissoner 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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14, Raghuvanahalli, Kanakapura Main Road, Bangalore-560109

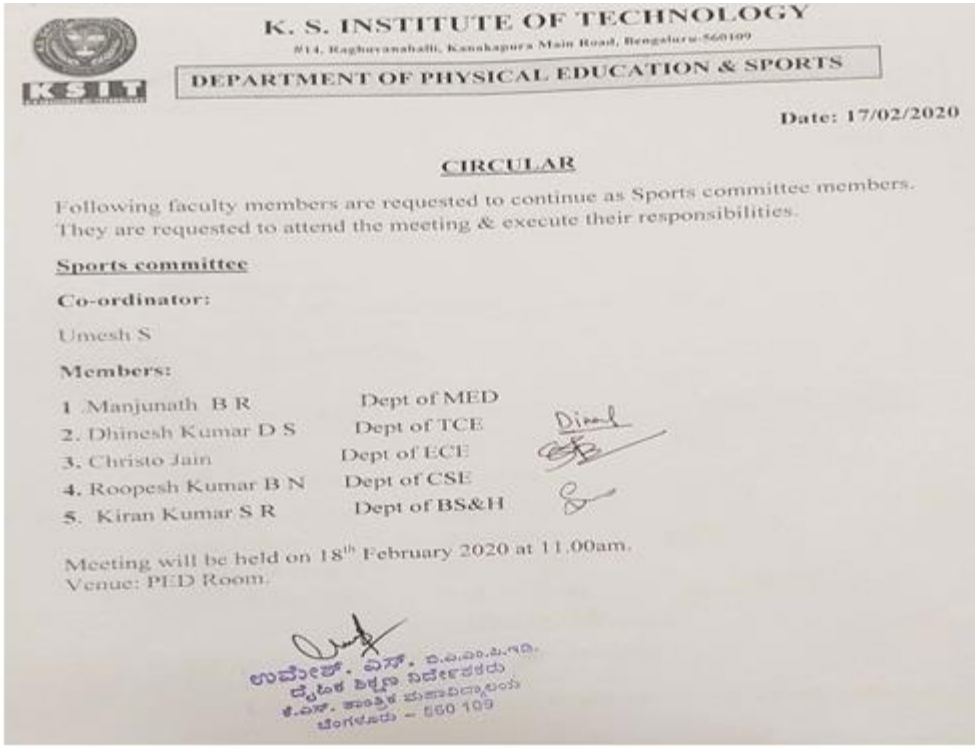
All the staff & Students are hereby informed that our College Annual Athletic Meet 2019 - 20 will be held on 7th March 2020, at **UCPE, Ground Jnana Bharathi Bengaluru University,** from 8 am to 4 pm. All the staff & Students are informed to participate & make Athletic Meet a grand success.

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, Raghuvanahalli, 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
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.

ಉಮೇಶ್. ಎಸ್. ದೈಹಿಕ ಶಿಕ್ಷಣ ನಿರ್ದೇಶಕರು
ಕೆ.ಎಸ್. ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ
ಬೆಂಗಳೂರು - 560 109

K. S. INSTITUTE OF TECHNOLOGY
#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109
DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

Date: 18/ 02 /2020

Agenda

1. To induct new student member to sports committee.
2. Uniform for new students.
3. Hire Stadium.
4. Qualified officials.
5. Working lunch, medical facility, certificates & medals.
6. Chief Guest.
7. 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	
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 Sri Puttanna MLC chief guest to inaugurate annual Athletic meet.
- ✓ Committee decided to invite Mr.Dr.Jayram ACP & Dr.Rajesh Y H DPE VTU & Rakesh R (Alumni of KSSEM) guest of honour.
- ✓ To organise sports day we decided the date that 7th March 2020,at 9.30am

ಉಮೇಶ್. ಎಸ್. ದೈಹಿಕ ಶಿಕ್ಷಣ ನಿರ್ದೇಶಕರು
ಕೆ.ಎಸ್. ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ
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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.

Sl. No.	No. of Events	No. of Students Participated	Individual championship	Overall team championship For Department
1	10 (Men) 8(women)	680	1.Sadhvika Chandra R ECE 2. Prajwal Krishnna MEC	Dept of ECE

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KSIT

60 Years

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
Q A Engineer ITI Limited
Kabaddi Player (Alumni of KSIT)

Miss. Bhavya P
Programmer Analyst Cognizant Technology Solutions
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

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. Yegamurthy
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

KAMMAVARI SANGHAM (R) 1952
K.S. GROUP OF INSTITUTIONS
K.S. INSTITUTE OF TECHNOLOGY
14, Raghuvanahalli, Kanakapura Main Road, Bangalore-109

KSIT

60 Years

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, Raghuvanahalli, 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:

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..

Cultural Activities:

K.S.INSTITUTE OF TECHNOLOGY, BENGALURU

REPORT ON ANANYA CULTURAL FEST – 2019

Date:1/4/2019

The first meeting was held on 28/9/2018by cultural committee andsixteenstudents' 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 30thMarch 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 andfourteen 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 30thMarch 2019 in the college premises. It was a weeklong programme started from 25thMarch 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.GaurishAkki, a well-known TV anchor, producer, actor, Ms.SonuGowda, 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

11/4/2019

(HARSHAVARDHAN J.R)

16.11.19

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

Cultural Committee Members

Prof. Abhishek, Dept. of ME

Prof. Sstish, Dept. of TCE

Prof. Christo Jain, Dept. of EC

Prof. Praveen Jois, Dept of BSH

10 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES(120) Total Marks: 117.00

10.1. Organization, Governance and Transparency(40) Total Marks: 40.00

10.1.1 State the Vision and Mission of the Institute(5) Institute Marks:5.00

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:10.00

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.

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 10.Dr.Manjunath.B 11.DTE(Ex-Officio) 12.Prof.Ranganath 13.Sri VishwanathamPeddi 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.RamanaBabu 16.Sri G.V.Ramesh 17.V.Ramesh kumar 18.Sri J.M.ChandraShekar(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.DilipKumar.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 Incharge	Mr.B.Ramana Reddy
13	PED	Mr.Umesh S Gowda

The institute has constituted an Academic Advisory Board consisting of a Chairman and three eminent members to advice 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.

Governing Council (New)

Sl. No	Name	Designation	Profession
1	Sri.R.Rajagopal Naidu	Chairman-President Kammavari Sangham	Business
2	Sri.K.Subramanyam Naidu	Member	Business
3	Sri.M Rukmangada Naidu	Member	Business
4	Sri B Lokanadh Naidu	Member	Business
5	Sri.K.Venkatesh Naidu	Member	Business
6	Sri R Leelashankar Rao	Member	Business
7	Sri T Neerajakshulu Naidu	Member	Business
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)
14	Dr.K.V.A. Balaji	Special invitee	CEO, KSGI
15	Dr.K. Dilip Kumar	Member Secretary	Principal/Director, KSIT

Governing Council (old)

Sl. No	Name	Designation	Profession
1	Sri.Y.Ramachandra Naidu	Chairman-President Kammavari Sangham	Business
2	Directorate of Technical Education	Ex-officio member	DTE
3	Regional Director, AICTE	Ex-officio member	Regional Director

4	Sri.B.VenkatSatish	Member- VTU Nominee	Architect
5	Sri.K.Subramanyam Naidu	Member	Business
6	Sri.R.Rajagopal Naidu	Member	Business
7	Sri.S.R.Naidu	Member	Business
8	Dr.G. Ranganath	Member	Business
9	Sri.K.Venkatesh Naidu	Member	Business
10	Sri.D.Rukmangada	Member	Business
11	Dr.K.V.A.Balaji	Special invitee	CEO, KSGI
12	Dr.T.V.Govindaraju	Member Secretary	Principal/Director, KSIT

Kammavari Sangham Management(NEW)

Sl. No	Name	Designation	Category
1	Sri.Raj Gopal Naidu	President	Member
2	Dr. M Rukmangada Naidu	Vice President	Member
3	Sri.B.Lokanadha Naidu	Vice President	Member
4	Sri.R. Leela Shankar Rao	Hon. secretary	Member
5	Sri V Rajendra Naidu	Joint Secretary	Member
6	Sri S Venugopal Naidu	Joint Secretary	Member
7	Sri.T. Neerajakshalu Naidu	Treasurer	Member
8	Sri.M. Yogamurthy	Internal Auditor	Member
9	Sri N M Krishna Murthy	Chairman, Finance Committee	Member
10	Sri. A.V.Nagaraj	Chairman, Building Committee	Member
11	Sri.N.Krishnama Naidu	Chairman, Hostel Committee	Member
12	Sri D.Jagadish Kumar	Chairman, Transport Committee	Member
13	Sri T.N. Manjunath	Chairman, Environment Committee	
14	Sri.M.Sudhakar	Chairman, Legal Cell	Member
15	Sri G RamanaBabu	Director	Member

16	Sri G V Ramesh	Director	Member
17	Sri V Ramesh Kumar	Director	Member
18	Sri J M Chandra Shekar	Director	Member
19	Sri P Prabhakar Naidu	Director	Member

Kammavari Sangham Management(old)

Sl. No	Name	Designation	Category
1	Sri.Y.Ramachandra Naidu	President	Member
2	Sri.T.Ramachandra Naidu	Vice President	Member
3	Sri.K.Shiva Rao	Vice President	Member
4	Sri.K.Venkatesh Naidu	Secretary	Member
5	Sri.B.Lokanadha Naidu	Joint Secretary	Member
6	Sri.R.Leela Shankar Rao	Joint Secretary	Member
7	Sri.D.Rukmangada	Treasurer	Member
8	Sri.L.Krishnamurthy	Internal Auditor	Member
9	Sri.M.Yogamurthy	Chairman, Finance Committee	Member
10	Sri.T.Neerajakshalu Naidu	Chairman, Hostel Committee	Member
11	Sri.N.Krishnama Naidu	Chairman, Building Committee	Member
12	Sri D.Jagadish Kumar	Chairman, Hospital Committee	Member
13	Sri.M.Sudhakar	Chairman, Legal Cell	Member
14	Sri. P.B.Prakash Kumar	Chairman, Transport Committee	Member
15	Sri. M.N.Padmanabha	Director	Member
16	Sri. T.Kumar	Director	Member
17	Sri. N.M.Krishnamurthy	Director	Member
18	Sri. A.V.Nagaraj	Director	Member
19	Sri. M.C.Varadaraja	Director	Member

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.VenkatSatish 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:10.00

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, ME Dept	Chief.Coordinator
3	Ms. Nirmala L	Asst.Professor, ME Dept	Dept.Coordinator
4	Ms. Sangeetha V	Asst.Professor,ECE Dept	Dept.Coordinator
5	Ms. VijaylaxmiMekali	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	KirthikaJagannath	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	SaiShirisha 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, ME Dept	Chief.Coordinator
2	Dr.Surekha	Professor, ECE Dept	Dept.Coordinator
3	Dr. Sangappa	Professor, ECE Dept	Dept.Coordinator
4	Mr. K. VenkataRao	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. NeelamPatilRadhika	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:10.00*

Financial powers delegated to Principal and HOD's:

Designation	**Facility**	**Amount**
Principal	Imprest amount	Upto10000/- through cash voucher
HOD's	Imprest amount	Upto5000/- through cash voucher

Financial powers delegated to the relevant in-charges:

Dept.	**Faculty**	**Activity Type**	**Bank Account No.**	**Bank Name**
CSE	Principal & Dr. Deepa .S.R	CSI account	149010100059322	Andhra Bank
CSE	Principal &Mr.Pradeep Kumar.G.H	Smart India Hackathon	149010100070875	Andhra Bank
ECE	Principal & Mr.Santosh Kumar. B.R	IEEE Account	149010100054576	Andhra Bank
MECH	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:5.00*

(Information on policies, rules, processes and dissemination of this information to stakeholders is to be made available on the web site)

http://ksit.ac.in/img/about/code_of_conduct.pdf

http://ksit.ac.in/img/about/staff_handbook_2018.pdf

10.2 Budget Allocation, Utilization, and Public Accounting at Institute level(30)

Total Marks:30.00

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, CFY*m*1, CFY*m*2 & CFY*m*3

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)**	**Recurring including Salaries**	**Non-recurring**	**Special Projects/ Any other, specify**	**Expenditure 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 Projects /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 Projects /Any other, specify**	**Expenditure per student (In Lakhs)**
1661.02	NIL	ISTE/KESCST= 0.63	FD Interest=48.48	1108.56	405.15	NIL	1.025

Items	Budgeted in 2020 2021	Actual expenses in 2020-2021	Budgeted in 2019-2020	Actual expenses in 2019-2020	Budgeted 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:10.00*

(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
2017-18	1556.57	1550.00	Adequate
2016-17	1630.71	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) *Institute Marks:15.00*

(The institution needs to state how the budget was utilized during assessment years)

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:5.00

(The institution needs to make audited statements available on its website)

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.

http://ksit.ac.in/img/about/audit_statement_2019-2020.pdf

10.3 Program Specific Budget Allocation Utilization (30) Total marks : 27.00

Total Budget at program level : For CFY, CFYm1, CFYm2 & CFYm3
CFY: Current Financial year, CFYm1 (Current Financial Year minus 1), CFYm2 (Current Financial Year minus 2) and CFYm3 (Current Financial Year minus 3)

2020-2021

Total Budget: 3363600		**Actual Expenditure:** 1263317		**Total No. of students:461**
Non recurring	**Recurring**	**Non Recurring**	**Recurring**	**Expenditure per student**
2624600	739000	988719	274598	1263317/461
3363600		1263317		2740.38.

2019-20

Total Budget: 745000		**Actual Expenditure :**569365		**Total No. of students:453**
Non recurring	**Recurring**	**Non Recurring**	**Recurring**	**Expenditure per student**
255000	490000	178724	390641	569365/453
745000		569365		1256.87

2018-19

Total Budget: 1089000		**Actual Expenditure :**1028521		**Total No. of students: 453**
Non recurring	**Recurring**	**Non Recurring**	**Recurring**	**Expenditure per student**
315000	774000	466895	561626	1028521/453
1089000		1028521		2270.46

2017-18

Total Budget: 1649000		**Actual Expenditure :**1591352		**Total No. of students:453**
Non recurring	**Recurring**	**Non Recurring**	**Recurring**	**Expenditure per student**
1095000	554000	1234054	357298	1591352/453
1649000		1591352		3512.92

2016-17

Total Budget: 497000		**Actual Expenditure :**417507		**Total No. of students:486**
Non recurring	**Recurring**	**Non Recurring**	**Recurring**	**Expenditure per student**
110000	387000	102165	315342	417507/486
497000		417507		859.07

Items	Budgeted in CFY (2020-2021)	Actual Expenses in CFY (2020-2021)	Budgeted in CFYm1 (2019-2020)	Actual Expenses in CFYm1 (2019-2020)	Budgeted in CFYm2 (2018-19)	Actual Expenses in CFYm2 (2018-19)	Budgeted in CFYm3 (2017-18)	Actual Expenses in CFYm3 (2017-18)	Budgeted in CFYm4 (2016-17)	Actual Expenses in CFYm4 (2016-17)
Laboratory Equipment	249260	988719	190000	178724	230000	466895	1050000	1093593	100000	102165
Software								140461		
Laboratory Consumable	62000	75697	60000		115000	30167	30000	9075	30000	29028
Maintenance and spares	136000	26479	52000	12207	57000	3658	62000	11860	25000	5342
R & D	106000	14219	60000	56000	30000	20858	10000	9750	10000	6633
Training and Travel	419000	141605	343000	322434	617000	498943	457000	318613	322000	266339
Miscellaneous Expenses *	63000	16598	40000		40000	8000	40000	8000	10000	8000
Total	3363600	1263317	745000	569365	1089000	1028521	1649000	1591352	497000	417507

10.3.1 Adequacy of budget allocation (10) *Institute Marks:8.00*

Financial Year	Requested budget (in Rs.)	Approved budget (in Rs.)	Adequate / Not adequate
2020-21	3363600	1500000	Adequate
2019-20	745000	600000	Adequate
2018-19	1089000	1080000	Adequate
2017-18	1649000	1600000	Adequate
2016-17	497000	450000	Adequate

10.3.2 Utilization of allocated funds (20) *Institute Marks:19.00*

Financial Year	Approved budget (in Rs.)	Actual Expenditure (in Rs.)	Percentage of utilization	Justification
2020-21	1500000	1263317	84.22	Budget has been utilized within the sanctioned fund meeting the requirement of the department.

2019-20	600000	569365	94.89	Budget has been utilized within the sanctioned fund meeting the requirement of the department.
2018-19	1080000	1028521	95.23	Budget has been utilized within the sanctioned fund meeting the requirement of the department.
2017-18	1600000	1591352	99.45	Budget has been utilized within the sanctioned fund meeting the requirement of the department.
2016-17	450000	417507	92.77	Budget has been utilized within the sanctioned fund meeting the requirement of the department.

10.4 Library and Internet **Total Marks 20.00**

10.4.1 Quality of learning resources (hard/soft) *Institute Marks: 10.00*

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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Nelson Mandela Marg,Vasant Kunj, New Delhi-110067 Website: https://www.aicte-india.org

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

Administrative Area

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	

Amenities Area

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	

Computational Facilities

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

Library Facilities

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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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 (CI) (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	83	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	23845.00	

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 (Sqm.)	Expected Room Area (Sqm.)	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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APPROVAL PROCESS 2018-19

Application Deficiency Report

DEFICIENCY REPORT AS PER CURRENT INTAKE (Applicable for Existing Institutes only)

Regional Office	South-West		
Application Id	1-3515091279	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
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	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 (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

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	83	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	450	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 (Sqm.)	Expected Room Area (Sqm.)	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 & Counselling	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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Fig . Zero Deficiency Reports

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

Visvesvaraya Technological University
"Jnana Sangama" Belagavi – 590 018
Karnataka State, India.

VTU-CONSORTIUM FOR E-RESOURCES TO LIBRARIES

License Copy

College Name: K. S. Institute of Technology, Bengaluru-560062.

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**

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:

1. Elsevier Science Direct e-Journals
2. Springer Nature e-Journals
3. Taylor and Francis e-Journals
4. Net Analytiks (Sententia-tool)
5. K-nimbus (Digital Library Platform and Remote Access Solution)
6. 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 mom 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 w i1l 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 Analytiks/ 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 Analytiks/ 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 centre is having i5 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: 10.00*

- 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

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