K. S. INSTITUTE OF TECHNOLOGY
BANGALORE-109

ANNUAL REPORT 2022-23

COLLEGE LEVEL EVENTS:

1. Department of Computer Science and Engineering hosted an event 24 hours State level Hackathon with the moto **"FuturForge"** under the CSE Firefox student club from 3rd May 2023 to 4th May 2023.

Students working on their Innovative ideas

It is an event to provide a forum for the students to exhibit their coding abilities in different domains like Agriculture, Education, Cyber Security, Fintech, Healthcare & Open Innovation category to come up with their innovative ideas to solve real-world problems in the respective domains. 65 Teams with over 230 participants all around karnataka has taken part in event enthusiastically to build the solutions.

2. Four FDPs were conducted during the academic year 2022-23
   i. Three days FDP on **"C Programming Laboratory"** was conducted from 27th to 29th Oct 2022

ii. Five days Faculty Development Program on "**Simulation of Electronics Circuits using Multisim & LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" in association with IETE, ISTE, and IE(I) from 26th Sep 2022 to 30th Sep 2022.

iii. Three days FDP on **"C Programming Laboratory"** was conducted from 27th to 29th Oct 2022

iv. Six days Faculty development program on "R Prgramming and its applications" was conducted from 27th March to 1st April 2023

3. KSIT conducted an event "Student Enablement Program for Women students" which was initiated by PayPal and implemented by ICT Academy. It is a comprehensive program specifically designed for women students in final year of engineering, focusing on cloud computing. 105 girls of Final semester of various departments participated. The program included 140 hours of training divided into 100 hours of technical skills and 40 hours of professional skills development. Technical Training of 15 days (20th March 2023 – 05th April 2023) and technical skills for 6 days (10th April 2023 – 15th April 2023) was conducted.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

EVENTS CONDUCTED

1. **Awareness about Overseas Opportunities** by Mr. Arya Gaurav- Strategic Aliance Manager, Mr. Arshad Ahmed - Australia Destination Manager, Mr. Lokesh Narang - Canada Destination Manager and Mr. Mahesh - UK Counselor on 08th May 2023.

Mr. Arya Gaurav presenting

4. **Project Exhibition and Paper Presentation Contest** by Dr. Shyam Vasudeva Rao, Founder and Director Forus Health, Renalyx Health System Pvt.Ltdwas conducted on 28th April 2023 and 29th April 2023.

Project Exhibition Inauguration

5. Workshop on "**How to Manage Stress?**" was conducted by Dr. hallegere Murthy Scope Foundation Founder on 10[th]April 2023.

Felicitation for Dr. Hallegere Murthy

6. The Department of Computer Science and Engineering organized Faculty Development program on **"R Programming and its applications"** wasconducted by Dr. C P Ravi Kumar;Resource Persons are Dr. Rekha Padke, Associate Professor, NMIT, Dr. Gourish Goudar, Asst. Professor, NMIT, Dr. Vijayakrishan Mr. Dheeraj D, Asst. Prof, GAT, Mr. Datta Ram B A, Director – Data Science, Noodles, AI during 27th March 2023 to 01st April 2023.

Faculty Development Program on R Programming and its applications

7. Awareness Programme on **"Outcome Based Education - Awareness Program"** by Mr. Krishna Gudi,Asst. Professor, Dept. Of CSE, KSIT was conducted on 07th March, 2023.

Awareness Porgram for III Sem Students

8. Industrial Visit for III Semester Students was organized by the Department of Computer Science and Engineering in the event **"Open Day IISc Open Day"** on 4th March 2023.

Industrial Visit

9. Heritage walk was organized during the event **"Janapada Loka"** on 27th February 2023 at Ramanagara District.

Heritage Gallery and activity

10. Technical Quiz for College level **14th Edition of Engineering It Quiz –"TCS TechBytes 2023"** was conductedin association with BITES on 20th February 2023.

Technical Quiz for College level

11. Guest Lecture on **"Entrepreneurship Awareness Programme"** was conducted by Mr. Anath Mallya, Founder and CEO Quantech OriginSacumen on 15th February 2023.

Guest Lecture for 3rd semester students

12. Workshop on **"Building Computer Vision AI Model"** was conducted by Mr. Varun Poladiya, Head of Marketing at NAVAN AIin association with AICTE SPICES on 08th February 2023.

Workshop on Building Computer Vision AI Model

13. Awareness Programme **"Guidance & Counseling on Higher studies in USA"** was conducted by Mr. Shashwat Bhaskar, The Product Manager Intel USA & Alumni of KSIT on 4th February 2023.

Awareness Program to pursue higher studies

14. Workshop for III Semester Students on **"CYBER SAFETY"** was conductedin association with CSI, SPICES, by Mr. Nitesh Sinha, Founder & CEO, Sacumen and Mr. Jeevesha, director of HR & Operations, Sacumen on 17rd January 2023.

Workshop on CYBER SAFETY

15. The Department of Computer Science and Engineering in association with KSIT-CSE-Firefox Club organized Non-Technical Event "**SYNERGY"** on16th December 2022.

16. The Department of Computer Science and Engineering in association with AICTE SPICES and IEI organized a technical Talk **"UI UX Design"** on 25thNovember 2022.

17. The Department of Computer Science and Engineering organized an industrial visit **"Bangalore Tech Summit"** for 3rd semester students on 17thNovember 2022.

18. The Department of Computer Science and Engineering organizedthe seminar **"UX Design and UI Web Development"** on 7th November 2022.

19. The Department of Computer Science and Engineering in association with AICTE SPICEsorganizedthe Innovation talk **"How to Innovate"** on 3rd and 4th November 2022.

20. The Department of Computer Science and Engineering in association with IEI organized Three Days Faculty Development Program "**C Programming Laboratory"** on 27th to 29th October 2022.

21. The Department of Computer Science and Engineering in association with KSIT-NSS organizedYoga Event **"Science of Meditation"**for 3rd semester Students on 19th October 2022.

22. The Department of Computer Science and Engineering organizedInternship **"Internal Internship on Object Oriented Programming with Java"** for 3rd semester students on 17th to 21st October 2022.

23. The Department of Computer Science and Engineering in association with AICTE SPICES and CSI organizedworkshop **"Application of IoT using Blynk and Google fire Cloud"** for 5th semester students on 15th and 16th October 2022.

24. The Department of Computer Science and Engineering in association with KSCST, SPICES and CSI organized an Awareness program on IPR **"IPR Tools for Engineering Students"** on 30th September2022.

25. The Department of Computer Science and Engineering in association with KSIT ED Cell organized Technical Talk **"Engineering Career and Industry Outlook"** for 3rd semester students on 13th August 2022.

EVENTS ATTENDED BY FACULTY

- Mr. Sanjoy Das attended Five Days Faculty Development Programme on "**Recent Advancements in Data Intelligence and its Applications"** jointlyorganized by Jyothy Institute of Technology and Visvesvaraya Technological University from 24th April – 28th April 2023.

- Mrs. Swapna Subhash Banasode attended Five Days Faculty Development Programme on

"**Recent Advancements in Data Intelligence and its Applications**" jointlyorganized by Jyothy Institute of Technology and Visvesvaraya Technological University from 24th April – 28th April 2023.

- Mr. Abhilash L Bhat attended Five Days Faculty Development Programme on "**Recent Advancements in Data Intelligence and its Applications**" jointlyorganized by Jyothy Institute of Technology and Visvesvaraya Technological University from 24th April – 28th April 2023.

- Mr. Kumar K attended Five Days Workshop on **"National Education Policy for Skill India and Data Analytics and Cloud Computing"** organized by City Engineering College in Collaboration with Institution of Engineers (India) &Edunet Foundation & EYGDS(London) from 10th April – 15th April 2023.

- Dr. Vijayalaxmi Mekali attended Six Days Faculty Development Programme on "**R Programming and its Applications**" organized by Department of Computer Science and Engineering, K S Institute of Technology from 27th March - 1st April 2023.

- Mrs. Rashmi H attended Six Days Faculty Development Programme on "**R Programming and its Applications**" organized by Department of Computer Science and Engineering, K S Institute of Technology from 27th March - 1st April 2023.

- Mrs. Namyapriya Dayananda attended Six Days Faculty Development Programme on "**R Programming and its Applications**" organized by Department of Computer Science and Engineering, K S Institute of Technology from 27th March - 1st April 2023.

- Mrs. Ramanjinamma attended Six Days Faculty Development Programme on "**R Programming and its Applications**" organized by Department of Computer Science and Engineering, K S Institute of Technology from 27th March - 1st April 2023.

- Mr. Kushal Kumar B N attended Five Days Faculty Development Programme on "**Intellectual Property Rights, Patents and Trademarks**" organized by Department of Computer Science and Engineering, DSATM from 13th February – 17th February 2023.

- Mrs. Pallavi R attended Five Days Faculty Development Programme on **"Artificial Intelligence and Data Science in Image Analysis"** organized by Department of Electronics and Communication Engineering, CMR Institute of Technology from 13th February – 17th February 2023.

- Dr. Rekha B Venkatapur attended Five Days Faculty Development Programme on "**Importance of Data Science in Machine Learning and its Applications**" organized by Department of Computer Science and Engineering and Information Science and Engineering, R

V Institute of Technology and Management from 6th February - 10th February 2023.

- Mrs. Beena K attended Five Days Faculty Development Programme on "**Importance of Data Science in Machine Learning and its Applications"** organized by Department of Computer Science and Engineering and Information Science and Engineering, R V Institute of Technology and Management from 6th February - 10th February 2023.

- Mrs. Pallavi K N attended Five Days Faculty Development Programme on "**Importance of Data Science in Machine Learning and its Applications"** organized by Department of Computer Science and Engineering and Information Science and Engineering, R V Institute of Technology and Management from 6th February - 10th February 2023.

- Mrs. Supreetha Ganesh attended Five Days Faculty Development Programme on "**Importance of Data Science in Machine Learning and its Applications"** organized by Department of Computer Science and Engineering and Information Science and Engineering, R V Institute of Technology and Management from 6th February - 10th February 2023.

- Mrs. Kavya M S attended Five Days Faculty Development Programme on "**Importance of Data Science in Machine Learning and its Applications"** organized by Department of Computer Science and Engineering and Information Science and Engineering, R V Institute of Technology and Management from 6th February - 10th February 2023.

- Mrs. Pallavi K N completed 12 weeks Faculty Development Programme on "**The Joy of Computing using Python"** organized by NPTEL-AICTE from Jan – April 2023.

- Mr. Krishna Gudi attendedFive Days Faculty Development Programme on**"Entrepreneurship Development"** atKSSEM, Bengaluru on 12th to 16th December 2022.

- Dr. Rekha B Venkatapur attended a Five Days Faculty Development Programme on **"Advanced Tools and Techniques for Best Research" at** RVITM, Bengaluru on 26th to 29th September 2022.

- Mr. Somasekhar T attended a Five Days Faculty Development Programme on **"Advanced Tools and Techniques for Best Research" at** RVITM, Bengaluru on 26th to 29th September 2022.

- Dr. Rekha B Venkatapur attended a Five Days Faculty Development Programme on **"Intellectual Property Rights"** at JSSATE, Bengaluru on 12th to 16th September 2022.

- Dr. Rekha B Venkatapur attended a webinar on **"Innovation and Entrepreneurship"** at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad on 20th August 2022.

- Dr. Deepa S R attended Five Days Faculty Development Programme on **"Developing and**

Deploying spring boot Microservices" at Ramaiah Institute of Technology on 22 to 26 August 2022.

- Dr. Vaneeta M attended Five Days Faculty Development Programme on **"Developing and Deploying spring boot Microservices"** at Ramaiah Institute of Technology on 22nd to 26th August 2022.

- Mrs. Geetha R attended Six Days Faculty Development Programme on **"Amazon Webb Services"** atRVITM, Bangalore on 22nd to 27th August 2022.

PUBLICATIONS BY FACULTIES

- Dr. Rekha B Venkatapur**"A comparative study on different Video Compression Standards: characteristics, working mechanism, performance analysis and applications",**High Technology Letters, ISSN NO : 1006-6748, Volume 29, Issue 7, 2023, May 2023.

- Dr. Prasantha H S, **"Blockchain Technology Application for Effective Organ Donation"**, High Technology Letters (HTL) International journal, ISSN No: 1006-6748, Impact Factor: 2.7, Peer Review ,Vol – 29, Issue – 5, May 2023.

- Mr. Laxmikantha K **"Food Adulteration Detection & Sorting Solution through Machine Learning"** International Advanced Research Journal in Science, Engineering and Technology ISO 3297:2007 Certified│ Impact Factor 8.066│Peer-reviewed / Refereed journal│ Vol. 10, Issue 4, April 2023 DOI:10.17148/ IARJSET. 2023.10429, ISSN (O) 2393-8021, ISSN (P) 2394-1588

- Dr. Rekha B Venkatapur**"Traffic Controlling in Smart Cities",**The Second Interantional Conference on Artificial Intelligence, Compuational Electronics and Communication Engineering, Manipal Institute of Technology, Manipal, 16th -17thFebruary 2023

- Mr. Somasekhar T **"A Two- Stage Convolutional Neural Network for Lung Nodule Detection"** IARJSET, Vol 10, Issue 2, February 2023, DOI:10.17148/IARJSET.2023.10218ISSN (ONLINE) 2393-8021, ISSN (PRINT) 2394-1588

- Mr. Somasekhar T **"Identification of Medicinal Plants by Image Processing of Leaf Samples"** International Research Journal of Modernization In Engineering Technology And Science (IRJMETS), Vol 05, Issue 02, February 2023, e - ISSN 2582-5208, February 2023.

- Dr. Rekha B Venkatapur**"Survey on Institution Accreditation and Automation System",**IJARCCE, International Journal Of Advanced Research In Computer And Communication Engineering Volume 12, Issue 1, January 2023 DOI:

10.17148/IJARCCE.2023.12109

- Mr. Raghavendrachar S **"Survey On Autoencoder Based Detection Of Nutritious Leaves"** International Journal Of Advanced Research inComputer and Communication Engineering (IJARCCE), Volume 12, Issue 1, January 2023 DOI: 10.17148/ IJARCCE.2023.12132, Certificate# IJARCCE/2023/6-2

- Mr. Laxmikantha K **"Survey on Food Adulteration for Toor Daal"** International Advanced Research Journal in Science, Engineering and Technology ISO 3297:2007 Certified｜Impact Factor 7.12｜Vol. 10, Issue 1, January 2023 DOI: 10.17148/IARJSET.2023.10136, ISSN (O) 2393-8021, ISSN (P) 2394-1588

- Dr. Rekha B Venkatapur**"Automatic Tracking of Objects Using Improvised Yolov3 Algorithm and Alarm Human Activities in case of Anomalies,"** International Journal of Information Technology, ISSN (2511-2112), SPRINGER, 2022 with DOI: 10.1007/s41870-022-01062-0.

- Dr. Rekha B Venkatapur**"Intelligent Surveillance System to detect Moving Drones Equipped with Weapon Payloads"** Journal of Optoelectronics Laser, SCOPUS, ISSN: 1005-0086, vol:41, issue:09, pp:578-583, 2022 with DOI: 10050086.2022.09.64.

ACHIEVEMENTS BY FACULTY

SESSION CHAIR

- Dr. Rekha B Venkatapur, Invited as Session Chair for **"3rd Congress on Intelligent Systems International Conference CIS 2022"** at Christ, Bangalore on 5th and 6th Sept 2022.

- Dr. Rekha B Venkatapur Session Chair on **"National Conference on Computing Technology (NCCT 2023)"** organized by RNS Institute of Technology on 8th May 2023.

PAPER REVIEWER

- Dr.Rekha B Venkatapur, Reviewer for **"4th IEEE International Conference on CCIP-2022"** at JSSATE from 23rd and 24th Dec 2022.

- Dr.Rekha B Venkatapur, Reviewer for **"2ⁿᵈInternational Conference on Innovative Sustainable Computational Technologies (CISCT-2022)"** at Graphic Era University from 23rd and 24th Dec 2022.

- Dr.VijayalaxmiMekali, Reviewer for **"4th IEEE International Conference on CCIP-2022"** at JSSATE from 23rd and 24th Dec 2022.

- Dr. H S Prasantha reviewer at **"IEEE International Conference on Applied Intelligence and Sustainable Computing (ICAISC – 2023)"**organized by IEEE Bangalore Section, Shri DharmasthalaManjunatheswara College of Engineering and Technology, Dharwad from 16st June 2023 - 17th June 2023.

- Dr. H S Prasantha reviewer at **"Project Exhibition"** organized by SJBIT, Bangalore on 3rd May 2023.

- Dr. H S Prasantha was an reviewer at **"2nd IEEE International Conference on Distributed computing and Electrical Circuits and Electronics (ICDCECE-2023)"**organized by Ballari Institute of Technology and Management, Ballari from 29th April 2023 to 30th April 2023.

- Dr. H S Prasantha was an reviewer at **"IEEE International conference on Integrated Circuit and Communication Systems (ICICACS – 2023)"**organized by SLN College of Engineering, Raaichur from 24th February 2023 to 25th February 2023.

RECOGNITION

- Dr. H S Prasantha is Editorial Board Member of **"Journal on Image Processing"**i- Manager Publication 2022.

MENTOR

- Dr. H S Prasantha was a Mentor at **Hackathon " CodXPress"**organized by IEEE Bangalore Section from 29th April 2023 to 30th April 2023.

BOOK SERIES EDITOR

- Dr. H S Prasantha was a Book Series Editor at **"Futuristic Trends in Artificial Engineering"**organized by IIP Series Conferences a& Edited Books on 13st June 2023.

PATENTS BY FACULTY

- Dr.Prasantha H S published International UK Design patent **"Agricultural Drone for Crop Health Monitoring"**, Patent Number 6302803, patent filed on 10th August 2023 and published on 21st August 2023

ACHIEVEMENTS BY STUDENTS

- Team Aakriti, Indrajit, Tanushree, Ashika H N, Thriveni U, Kavyashree S L, Varsha Bai R, Runners Up of the vent **"The Coding Rangers"**organized by TNS India Foundationon the occasion of ' The National Youth Day' on 12th Jan 2023.

- Aakriti, Winner with cash price Rs. 5000 of the event **"Smart Engineering for a Better World"** organized by The Institution of Engineers(India), Karnataka State Centre on 15th Sept 2022.

- GouthamM, Nikitha M, KruthikaS Vasisht, Ashwini J, Srividya H R, Puvan Kumar V, Winners of **"Smart India Hackathon"** with a team name Access_Denied organized by Ministry of Education Innovation Cell and All India Council for Technical Education, Coimbatore, Tamil Nadu on 25th and 26th Aug 2022.

- Satish V, G Preritha, Amrutha K H, Kothapalli Sreeja, Kavya Shree S L, Keerthan Gowda S Winners of the **"Smart India Hackathon"** with a team nameWhat_The_Food organized by Ministry of Education Innovation Cell and All India Council for Technical Education, Hyderabad, Telangana on 25th and 26th Aug 2022.

- Pranav M S, Raksha S, Naveen K M, Shashank Mishra R V, Yashwanth, Vijay N S, First Runnerup of the **"Smart India Hackathon"** with a team name CTRL_ALT_ELITE organized by Ministry of Education Innovation Cell and All India Council for Technical Education, Bhopal, Madhya Pradesh on 25th and 26th Aug 2022.

FUNDED PROJECTS

- The project titled **"Tamper-Proof Air Quality Management System"** carried out by final year students Ms. Ashwini J, Ms. Kruthika S Vasisht, Ms. Nikitha M and Ms. Srividya H R under the guidance of Dr. Vaneeta M was selected for **KSCST** of **Rs. 2500**.

100% RESULTS

SUBJECT CODE	SUBJECT	STAFF NAME
18CS51	Management And Entrepreneurship for it Industry	Mrs. Supreetha Ganesh
18CS56	Unix Programming	Mr. Lakshmikanth
18CS62	Computer Graphics and Visualization	Mr.NagabushanPandarinath Mrs. Kavya M S
18CS63	Web Technology and its Applications	Mr. Raghavendrachar S Mrs. Pallavi K N
18CS643	Cloud Computing andits Applications	Mrs. Supreetha Ganesh Ms. Namyapriya Dayananda
18CS645	System ModellingandSimulation	Dr. Rekha B Venkatapur
18ME653	Supply Chain Management	Mr. Rajesh G L
18CS62	Computer Graphics and Visualization	Mr.NagabushanPandarinath Mrs. Kavya M S
18CS63	Web Technology and its Applications	Mr. Raghavendrachar S Mrs. Pallavi K N
18CS643	Cloud Computing andits Applications	Mrs. Supreetha Ganesh Ms. Namyapriya Dayananda
18CS645	System ModellingandSimulation	Dr. Rekha B Venkatapur
18ME653	Supply Chain Management	Mr. Rajesh G L
18CS81	INTERNET OF THINGS	Mr. Krishna Gudi
18CS822	STORAGE AREA NETWORKS	Mr. Harshavardhan J R Mr. Roopesh Kumar B N

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING:

EVENTS CONDUCTED:

1. The Department of Electronics and Communication Engineering organized a Faculty Development Program on "**Simulation of Electronics Circuits using Multisim & LabVIEW Programming and Design & Analysis using VLSI Cadence Tool"** in association with IETE, ISTE, and IE(I) from 26th Sep 2022 to 30th Sep 2022.

2. The Department of Electronics and Communication Engineering organized the IPR AWARENESS PROGRAM **"IPR Tools for Engineering Students"** with IETE, ISTE, and IE (I) on 30th September 2022

3. The Department of Electronics and Communication Engineering organized **"5 days Student Development Program on the Simulation of Electronics Circuits using MULTISIM"** on 18th October 22nd October 2022.

4. The Department of Electronics and Communication Engineering organized **"Breast Cancer Awareness "**by Dr. Mathangi J in association with IEEE-WIE, NSS, and ASH on 15th October 2022.

5. The Department of Electronics and Communication Engineering organized the **"IEEE Valedictory Function"** by IEEE-KSIT on 29th October 2022.

6. The Department of Electronics and Communication Engineering organized **ONE DAY INDUSTRIAL VISIT to "Bengaluru Tech Summit 2022"** by IETE, ISTE, and IEEE on 18th November 2022.

7. The Department of Electronics and Communication Engineering organized the **"Elimination of Violence against Women"** ASH, IEEE-WIE in association with WICCI on 25th November 2022.

8. The Department of Electronics and Communication Engineering organized a **"Sensitisation workshop for employees to create awareness about sexual harassment "**by Ms. Deepa Rafeeque in association with ASH, IEEE-WIE on 25th November 2022.

9. The Department of Electronics and Communication Engineering organized an event **"Saarang "**by IEEE -KSIT on 26th November 2022.

10. The Department of Electronics and Communication Engineering organized a Guest Lecture on **"Addressing Challenges in Research Publications"** by Dr. Nilanjan Dey, Associate Professor, Techno International New Town, Kolkata in association with IETE, Research Forum on 26th November 2022.

11. The Department of Electronics and Communication Engineering organized a Workshop on **"Robotics and Aeromodelling"** by Nishanth K and V Ranjith Kumar in association with Garut Aerobotics Club on 26th and27th December 2022 IEEE.

12. The Department of Electronics and Communication Engineering organized a Motivational talk on **"Career and opportunities for higher studies"** by Dr. Giri Babu in association with IEEE, and ISTE on 29th November 2022.

13. The Department of Electronics and Communication Engineering organized the **"Coding Contest- RUN TIME ERROR "**Coding Ninja by IEEE on 5th December 2022.

14. The Department of Electronics and Communication Engineering organized the **"Placement assistance test- SKILL SERANADE "**Coding Ninja by IEEE on 5th December 2022.

15. The Department of Electronics and Communication Engineering organized **ONE DAY INDUSTRIAL VISIT to "KPCL Solar photovoltaic plant"**, Shivanasamudram, Malavalli by IETE, ISTE, IEEE on 16th December 2022.

16. The Department of Electronics and Communication Engineering organized ONE DAY INDUSTRIAL VISIT to Place of Visit: IMTEX- 2023 at BIEC, Bangalore by IETE, ISTE, IEEE on 24th Jan 2023.

17. An Awareness talk has been organized on **"Overcome of Harassment Challenges"** by Ms.Lakshmi A N Rao,Advocate,Council Member,WICCI KAASH under the banner of KSIT-ASH, WICCI on 11th Feb 2023.

18. The Department of Electronics and Communication Engineering organized a Motivational talk on **"Embrace Equity"** by Mrs.Kripa Venkatachalam,Cadence India Field Application Engineering in association with IEEE-KSIT,KSIT-ASH on 8th March 2023.

19. The Department of Electronics and Communication Engineering organized a Motivational talk on **"Embrace Equity"** by Mrs.Kripa Venkatachalam,Cadence India Field Application Engineering in association with IEEE-KSIT,KSIT-ASH on 8th March 2023.

20. The Department of Electronics and Communication Engineering organized an event on **"Women's Day celebration 2023"** for KSIT Teaching and Non-Teaching faculties in association with IEEE-KSIT,KSIT-ASH on 8th March 2023.

21. The Department of Electronics and Communication Engineering organized Workshop on "Aero modelling & Hydro Rocketry" by Mrs. Vanamala A (Principal of SJRKPS) and Mrs. Prema R (Co Ordinator for high school) in association with IEEE,Garut club on 15th March 2023.

22. The Department of Electronics and Communication Engineering organized a short term course on **"**Student Enablement Program for "Women Empowerment " by Mr.D.Vishnu Prasad,State Head Karnataka,ICT Academy ,AASHU DEV,AWS Academy Accredited Educator.MADHAN S,AWS Academy Accredited Educator.JAHIRAL BANU,Career Coach, Image Consultant, and Soft Skills trainer.SUSHMA SADALAGE,Soft Skills Trainer and International Coach in association with KSIT,Paypal,ICT Academy from 16th March 2023-Inaugural ,20th March to 5th April 2023.

23. The Department of Electronics and Communication Engineering organized ONE-DAY WORKSHOP ON "Innovation and design thinking" by Dr Zoya Fathima , Associate Professor & HOD, Dept. of Civil Engineering BGS college of Engineering and Technology (BGSCET), Bengaluru in association with Antariksh club on 21st March 2023.

24. The Department of Electronics and Communication Engineering organized a Six days workshop on "Python Programming & Its Applications" by Mr.Suresh Maha Rajashekar, in association with IETE,ISTE, IEEE,IE(I) on 27th March to 1st April 2023 .

25. The Department of Electronics and Communication Engineering organized Six days FDP on "Python Programming & Its Applications" by Mr.Suresh Maha Rajashekar, in association with IETE,ISTE, IEEE,IE(I) on 27th March to 1st April 2023 .

26. The Department of Electronics and Communication Engineering organized Seminar on "Career opportunities after Engineering" by Mr.Prateek Mishra,IMS GATE Academy in association with KSIT-ISTE,IE(I) on 21st April 2023.

27. The Department of Electronics and Communication Engineering organized ONE DAY INDUSTRIAL VISIT to U R Rao Satellite Centre, Bangalore by Mr.Prateek Mishra,IMS GATE Academy in association with ISTE,IEEE,IETE,IE(I) on 28th April 2023.

28. The Department of Electronics and Communication Engineering organized "Project Exhibition 2022-23" by Dr.Shyam Vasudeva Rao,Founderand Director Forus Health Renalyx Health System Pvt.Ltd in association with ISTE,IEEE,IETE,IE(I) on 29th April 2023.

29. The Department of Electronics and Communication Engineering organized "" Paper Presentation Contest 2022-23"" by Dr.Shyam Vasudeva Rao,Founderand Director Forus Health Renalyx Health System Pvt.Ltd in association with ISTE,IEEE,IETE,IE(I) on 29th April 2023.

30. The Department of Electronics and Communication Engineering organized "SPS Day "by Mr.Harish Venugopal,Senior Program Manager,Car Audio Solutions,Harman International in association with IEEE-KSIT,WIE,SPS on 2nd June 2023.

31. The Department of Electronics and Communication Engineering organized " IEEE Valedictory Function " by Dr.Dilip Kumar K,Principal/Director,Dr.P.N.Sudha,HOD-ECE in association with IEEE-KSIT,WIE,SPS on 2nd June 2023.

32. The Department of Electronics and Communication Engineering organized " NISVARTH - 2023(5K Marathon)" by Dr.Dilip Kumar K,Principal/Director,Dr.P.N.Sudha,HOD-ECE in association with IEEE-KSIT,WIE,SPS on 17th June 2023.

33. The Department of Electronics and Communication Engineering organized " Drug Awareness Program " by Sri.Siddaraju,Inspector,Dept.of Police,Thalaghattapura in association with KSIT-ASH,NSS on 26th June 2023.

EVENTS ATTENDED BY FACULTY:

- Dr. B Surekha, Professor Participated in 4 weeks online lab workshop on "**FPGA architecture and Programming using Verilog HDL**" organized by Arm Education and NIELIT, Calicut from 25th July 2022 to 19th August 2022.

- Mrs. Ramya K R participated in the national level FDP on "**Emerging Trends in Power, Energy and Control**" conducted by the Department of Electrical and Electronics Engineering Muthoot Institute of Technology and Science Ernakulum Kerala during 22nd -27th August 2022.

- Dr. P N Sudha, Professor and HOD Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Dr. B Surekha, Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Dr. Chanda V Reddy, Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Dr. B Sudarshan, Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Dr. Rekha N, Associate Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Dr. Dinesh Kumar D, Associate Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Mr. B R Santhosh Kumar, Associate Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Dr. Devika B, Associate Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design**

& Analysis using VLSI Cadence Tool" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Mrs. Ramya K R, Associate Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Mrs. Vishalini Diwakar, Assistant Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Mr. Sampath Kumar S, Assistant Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Mrs. Sangeetha V, Assistant Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Mr. Praveen A, Assistant Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Mr. Christo Jain, Assistant Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Mr. Saleem S Tevaramani, Assistant ProfessorParticipated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Mrs. Pooja S, Assistant Professor Participated in a 5 days faculty development program on "**Simulation of Electronic circuits using Multisim &LabVIEW Programming and Design & Analysis using VLSI Cadence Tool**" organized by K S Institute of Technology from 26th September to 30th September 2022.

- Dr. P N Sudha, Professor and HOD Participated in a 5 days faculty development program on "**Challenges and opportunities for Women in Science Technology, Engineering and Mathematics**" organized by K S School of Engineering and Management from 17th October to 21st October 2022.

- Dr. B Surekha, Professor Participated in a 15 days faculty development program on "**Artificial Intelligence and Machine Learning Techniques for Precision Agriculture**" organized by JSS Academy of Technical Education from 10th October to 21st November 2022.

- Mrs. Sangeetha Assistant Professor Participated in a 5 days faculty development program on "**Challenges and opportunities for Women in Science Technology, Engineering and Mathematics**" organized by K S School of Engineering and Management from 17th October to 21st October 2022.

- Mrs. Bhargavi Ananth Assistant Professor participated in a 5 day faculty development program on "**Challenges and opportunities for Women in Science Technology, Engineering and Mathematics**" organized by K S School of Engineering and Management from 17th October to 21st October 2022.

- Mrs. Ramya K R, Associate Professor , participated in the virtual five-day FDP on "**Research Publication and Ethics**' ' organized by the department of Management Studies NMIT Bengaluru during 16th November to 20th November 2022.

- Mrs. Shruti V Joshi, Assistant Professor , participated in the virtual five-day FDP on "**Research Publication and Ethics**' ' organized by the department of Management Studies NMIT Bengaluru during 16th November to 20th November 2022.

- Mrs. Ramya K R , Associate Professor participated in the five - day FDP on "**Electrical Vehicle Technologies -A Future Transportation Tool**" organized by Bangalore Institute of Technology from 28th November to 2nd December 2022.

- Mrs. Shruti V Joshi, Assistant Professor participated in the five - day FDP on "**Electrical Vehicle Technologies -A Future Transportation Tool**" organized by Bangalore Institute of Technology from 28th November to 2nd December 2022.

- Mrs. Ramya K R , Associate Professor attended a seminar on "**How to do Quality Publication ''** organized by IEEE student branch and Department of Electronics and Communication Engineering NMIT Bengaluru on 7th December 2022.

- Mr. Saleem S Tevaramani, Assistant Professor Participated in a 3 days faculty development program on "**The Key Enablers for Future Communication** " organized by Vellore Institute of Technology Chennai from 26th March to 28th March 2023.

- Mr. Saleem S Tevaramani, Assistant Professor Participated in a 5 days faculty development program on "**Role of Communication Engineering in IoT / IOMT** " organized by Vellore Institute of Technology Chennai   from 3rd April to 7th April 2023.

- Mr. Saleem S Tevaramani, Assistant Professor Participated in a 3 days faculty development program on "**Exploring the Impact of Emerging Technologies in Future Networks and Systems**" organized by Vellore Institute of Technology Chennai   from 24th May to 26th May 2023.

- Mr. Saleem S Tevaramani, Assistant Professor Participated in a 5 days faculty development program on "**Exploring the Scope of Engineering Mathematics in Control Systems and Signal Processing**" organized by Vellore Institute of Technology Chennai   from 12th June to 16th June 2023.

- Mr. Saleem S Tevaramani, Assistant Professor Participated in a 3 days faculty development program on "**Advanced Semiconducting Materials and Devices : A roadMap on Fabrication and Characterization**" organized by Vellore Institute of Technology Chennai from 18th June to 20th June 2023.

- Mr. Saleem S Tevaramani, Assistant Professor Participated in a 3 days faculty development program on "**Design and Fabrication of VLSI and Nanomaterial Based Sensors**" organized by Vellore Institute of Technology Chennai   from 4th July to 7th July 2023.

- Mrs.Shruthi V Joshi, Assistant Professor Participated in a 5 days faculty development program on **"Inculcating Universal Human values in Technical Education"** organized by AICTE from 1st April to 5th April 2023.

- Mrs. Suma Santosh, Assistant Professor Participated in a 6 days faculty development program on **"Artificial Intelligence and Machine Learning for Image Analysis-MATLAB & Python Perspective " organized** by CMR Institute of Technology   from 8th May to 13th May 2023.

- Mrs. Bhanumathi A, Assistant Professor Participated in a 6 days faculty development program on **"Artificial Intelligence and Machine Learning for Image Analysis-MATLAB & Python Perspective " organized** by CMR Institute of Technology   from 8th May to 13th May 2023.

- Mrs. Anita P, Assistant Professor Participated in a 6 days faculty development program on **"Artificial Intelligence and Machine Learning for Image Analysis-MATLAB & Python Perspective " organized** by CMR Institute of Technology   from 8th May to 13th May 2023.

- Mrs. Kavya B M, Assistant Professor Participated in a 6 days faculty development program on **"Artificial Intelligence and Machine Learning for Image Analysis-MATLAB & Python Perspective " organized** by CMR Institute of Technology   from 8th May to 13th May 2023.

BOOK CHAPTER PUBLICATIONS:

- **Dr. Surekha Borra , Mr. Sunil Kumar G.R,** published "In-Theatre Real Time Piracy Detection and Discouraging System" Design Studies and Intelligence Engineering , Proceedings of DSIE 2022, Frontiers in Artificial Intelligence and Applications Series, Vol. 365, pp.220-229,2023. [ISBN:978-1-64368-372-0].

- **Dr. Surekha Borra,**Published Detection and Classification of Leukocytes in Blood Smear Images: State of the Art and Challenges,""Research Anthology on Improving Medical Imaging Techniques for Analysis and Intervention"", Chapter 57, pp. 1099-1130, 2023, EISBN13: 9781668475454.

INTERNATIONAL JOURNAL PUBLICATIONS:

- Dr. P.N Sudha,"Fruit Categorizer Using PH Sensor",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 4, pp.155-159, 2023.[ISS

- N: 2393-8021]

- Dr. P N Sudha,"IOT Based School Bus Monitoring System",International Journal for Research in Applied Science and Engineering and Technology", Vol. 11, No. 5, pp.no.394-400,2023[ISSN: 2321-9653].

- Dr. P N Sudha,"Wireless notice using Bluetooth module H C-05",International Advanced Research Journal in Science, Engineering and Technology,Vol. 10,No. 6,pp. 578-581,June 2023[ISSN :2393-8021]

- Dr. P N Sudha,"Colour sorting Robotic ARM",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 566-570,June 2023.[ISSN:2393-8021]

- Dr. Surekha Borra,"Challenges of Deep Learning in Medical Image Analysis—Improving Explainability and Trust,IEEE Transactions on Technology and Society, vol. 4, no. 1, pp. 68-75, March 2023.

- Dr. Surekha Borra,"CLAHE Enhanced Hybrid Feature Descriptors for Classification of Acute Lymphoblastic Leukemia in Blood Smear Images",International Journal of Biomedical Engineering and Technology, Jan 2023[ISSN:1752-6426]

- Dr. Surekha Borra,"Tracking of Mobile Phones for Piracy Detection",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 5,pp.196-202, 2023[ISSN : 2393-8021].Accepted in press

- Dr. B Sudarshan,"Tamper Proof Ration Disbursement System for Rural Areas",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 4, pp. 268-280, 2023. [ISSN : 2393-8021]

- Dr. B Sudarshan,"Automated and Movable Waste Segregator", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 4, pp. 377-383, 2023.

- Dr. B Sudarshan,"Smart Gloves for Individuals with Speech Impairment",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,Issue 6,pp. 468-472,June 2023[ISSN: 2393-8021].

- Dr.Chanda V Reddy,"Literature Survey on Women Safety Device",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 1, pp.7-15, 2023.

- Dr. Chanda V Reddy,"Guardian Gadget -Human Safety Device",International Advanced Research Journal in Science, Engineering and Technology,Vol. 10, No. 5,pp. 146-154,2023.[ISSN 2393-8021].

- Dr. Chanda V Reddy,"Wireless Notice Board using Bluetooth HC-05 and Arduino UNO-R3",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 505-511,June 2023[ISSN : 2393-8021]

- Dr. Chanda V Reddy,"Line Follower Robot with Obstacle Avoiding",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 441-444,June 2023[ISSN :2393-8021].

- Dr.Rekha N, "Hybrid Power Grid Based on IOT",International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, No. 12,pp.101-106,2022.[ISSN : 2393-8021]

- Dr.Rekha N,"Literature Paper on Virtual Pen",International Advanced Research Journal in Science, Engineering and Technology ,Vol. 9, No. 12,pp. 68-73,2022 [ISSN: 2393-8021].

- Dr. Rekha N, "Power Grid Based on IOT", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 4,pp.291-296,2023.[ISSN : 2393-8021]

- Dr. Rekha N,"Virtual Pen",International Advanced Research Journal in Science, Engineering and Technology ,Vol. 10, No. 4, pp. 202-209,2023.[ISSN 2393-8021]

- Dr. Rekha N,"Water and Air Pollution Monitoring System",International Advanced Research Journal in Science, Engineering and Technology,   Vol. 10,No. 6,pp. 512-517,June 2023.[ISSN: 2393-8021]

- Dr. Rekha N,"Surveillance Robot using ESP 32 CAM Module",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,Issue 6,pp. 402-406,June 2023[ISSN: 2393-8021].

- Dr. Dinesh Kumar D S,"Literature review on Smart Restaurant Using E-Menu and Waiter Robot", International Advanced Research Journal in Science, Engineering and Technology,Vol. 9, No. 12,pp.63-67, 2022.[ISSN: 2393-8021].

- Dr. Dinesh Kumar D. S,"Smart Restaurant using E-Menu and Waiter Robot", International Journal of Creative Research Thoughts (IJCRT) Vol. 11, No. 5,pp. no. 496-501,2023[ISSN :2320-2882].

- Dr. Dinesh Kumar D. S, "Navigation System and Speech Assistive Device for Visually Impaired People",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 501-504,June 2023[ISSN: 2393-8021].

- Dr.Devika B, "Literature Survey on Health Monitoring System",International Advanced Research Journal of Engineering and Technology, Vol.2, No. 12, pp. 1-11, 2022.[ISSN: 2583-0813]

- Dr.Devika B,"Health Monitoring System", International Advanced Research Journal of Engineering and Technology,Vol.10,No. 5,pp. 125-130,2023.[ISSN : 2393-8021]

- Dr.Devika B," Forest Monitoring System", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 4,pp. 334-339,2023.[ISSN: 2393-8021].

- Dr.Devika B," Automatic Water Dispenser Using IR Sensor",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 489-493,June 2023[ISSN:2393-8021]

- Dr.Devika B, "Smart Car Parking System", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 518-522,June 2023.[ISSN : 2393-8021].

- Mrs.Ramya K.R, "Fire Fighting Robot", International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, No. 12,pp. 112-115,2022.[ISSN 2393-8021]

- Mrs.Ramya K.R,"Distance Based Collision Avoidance with Automatic Acceleration and stopping in Automobiles",International Advanced Research Journal in Science, Engineering and Technology,Vol. 10,No. 6,pp. 407-410,June 2023[ISSN : 2393-8021].

- Mr.Santhosh Kumar B.R, "Survey on Anti Corruption Traffic Management System", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 4, pp.251-262,2023 . [ISSN: 2393-8021]

- Mr.Santhosh Kumar B.R, "Bluetooth Robot Control using Smartphone",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 394-397,June 2023[ISSN : 2393-8021].

- Mr.Santhosh Kumar B.R, "Home Automation for Disabled using Voice Tag",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 562-565,June 2023[ISSN :2393-8021]

- Mrs.V Sangeetha,"Survey on Robotic Nurse",International Research Journal of Modernization in Engineering Technology and Science, Vol. 04, No. 12,pp.1422-1427,2022.[ISSN: 2582-5208].

- Mrs.V Sangeetha," A Literature Survey of Robot with Different Applications", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 1, pp. 53-55, 2023. [ISSN: 2393-8021].

- Mrs. V Sangeetha,"Robotic Nurse", International Journal for Scientific Research & Development,Vol. 11, No. 3,pp.1-5,2023.[ISSN: 2321-0613].

- Mrs.V Sangeetha," Voice Controlled Personal Assistant Robot", International Advanced Research Journal in Science, Engineering and Technology,Vol. 10, No. 4,pp. 243-250, 2023[ISSN: 2393-8021]

- Dr. Pooja S, "Automatic Wall Painting Robot", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 4, pp. 297-301,2023. [ISSN: 2393-8021]

- Dr. Pooja S,"Anti-Smuggling Alarm System for Trees in Forest",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,Issue 6,pp. 354-358,June 2023[ISSN: 2393-8021]

- Mr. Saleem S Tevaramani,"Passport Verification Using RFID and IOT",International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, No. 12, pp. 85-90, 2022.[ISSN:2393-8021].

- Mrs. Vishalini Divakar,"Petrol Bunk Automation and Security using RFID", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 5, pp. 461-470, 2023.[ISSN : 2393-8021]

- Mrs. Vishalini Divakar, "OTP Based Smart Wireless locking System using Arduino",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,Issue 6,pp. 551-555,June 2023[ISSN :2393-8021].

- Mrs.Bharghavi Ananth," Sun Tracking Solar panel",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,Issue 6,pp. 533-539,June 2023[ISSN: 2393-8021]

- Mrs.Bhargavi Ananth," Non-Invasive Thyroid Detection", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, No. 5, pp.210-215, 2023.[ISSN: 2394-1588].

- Mr.Praveen A, "Density Based on Traffic Signal Control and Management",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,Issue 6,pp. 398-401,June 2023[ISSN: 2393-8021]

- Mr. S Christo Jain,"Arduino Based Fire fighting Robot",International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,Issue 6,pp. 382-385,June 2023[ISSN: 2393-8021]

- Mrs. Shruthi V Joshi," Automatic Obstacle Detecting Robot", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 417-420,June 2023[ISSN :2393-8021]

- Mrs. Bhanumathi A, "RC522 and EM-18 Based Attendance Management System",International Advanced Research Journal in Science, Engineering and Technology,Vol. 10,No. 6,pp. 540-544,June 2023[ISSN :2393-8021]

- Mrs.Kavya S.M, "Automatic Hand Sanitizer", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp.572-577 June 2023.[ISSN: 2393-8021]

- Mrs. Anitha P, "Voice Controlled Car using Arduino", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 481-485,June 2023[ISSN :2393-8021]

- Mr. Suma Santhosh, "Electric Power Generation using Piezoelectric Transducer", International Advanced Research Journal in Science, Engineering and Technology, Vol. 10,No. 6,pp. 455-458,June 2023[ISSN: 2393-8021]

ACHIEVEMENTS BY STUDENTS:

- AmshumanthK.M , participated in the National Symposium and Workshop on Trends & Developments in Intelligent Systems & Robotics organized by PES University from 5th to 6th August 2022.

- Pratiksha, completed 4 year Leadership Training from Katalyst.

- Sumana N, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Sumana N. participated in Nation Building Activity through the festival of democracy organized by LEAD & NSS.

- Suraksha N, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Suraksha N, participated in Nation Building Activity through the festival of democracy organized by LEAD & NSS.

- Sonika R, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Sonika R , participated in Nation Building Activity through the festival of democracy organized by LEAD & NSS.

- Kiran Dev D, participated in an event Nanna Nadu Nanna Hadu organized by Dept. of Kannada and culture-Karnataka on 28th October 2022.

- Kiran Dev D, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Kavya S M, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Kavya S M, participated in Nation Building Activity through the festival of democracy organized by LEAD & NSS.

- K Jeevitha, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- K Jeevitha, participated in Nation Building Activity through the festival of democracy organized by LEAD & NSS.

- Kumar K G, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Sumukha S, participated in Nation Building Activity through the festival of democracy organized by LEAD & NSS.

- Rahul Krishna, participated in Nation Building Activity through the festival of democracy organized by LEAD & NSS.

- Yashilaa S, participated in Nation Building Activity through the festival of democracy organized by LEAD & NSS.

- Harshitha B.L, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Vaishnavi V.H, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Rahul Krishna, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Yashilaa S, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Sumukha S, participated in Seva Day 2022 organized by Hindu Seva Pratishthana on 17th December 2022.

- Chiranth V. V , Won first prize in Technotsav-call of duty organized by department of Mechanical Engineering , K S Institute of Technology on 14th December 2022.

- Narahari, Won first prize in Technotsav-call of duty organized by Department of Mechanical Engineering, K S Institute of Technology on 14th December 2022.

- Sai Spoorthi N won First Prize for the project "IoT Based Smart Mirror" organized by IEEE SPS SigPro-2022.

- Sachin N.M Participated and received Certificate of Appreciation Organized by Red Cross Society on 07-08-2023.

- Uday C.H Participated and received Certificate of Appreciation Organized by Red Cross Society on 07-08-2023.

- Uday C.H Participated in Matrix Organized by IEEE on 19/4/2023 to 23/4/2023.

- Uday C.H Participated in NISVAARTH-2023 KSGI 5K Marathon Organized by Dept. of ECE,KSIT on 17/6/2023.

- Kumar K G Participated in NISVAARTH-2023 KSGI 5K Marathon Organized by Dept. of ECE,KSIT on 17/6/2023.

- K.M Amshumanth Participated in NISVAARTH-2023 KSGI 5K Marathon Organized by Dept. of ECE,KSIT on 17/6/2023.

- Kumar K G Participated in NSS-Abhyudhaya 2023 Organized by KSIT on 22/6/2023 to 28/6/2023.

- Meghashree Participated in NSS-Abhyudhaya 2023 Organized by KSIT on 22/6/2023 to 28/6/2023.

- Suraksha N Participated in NSS-Abhyudhaya 2023 Organized by KSIT on 22/6/2023 to 28/6/2023.

- Sonika R Participated in NSS-Abhyudhaya 2023 Organized by KSIT on 22/6/2023 to 28/6/2023.

- K.M Amshumanth Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 30/6/2023 and won First Prize.

- K.M Amshumanth Participated and received Certificate of Appreciation Organized by KSIT on 2022-23.

- Kiran V Narayan Participated and received Certificate of Appreciation Organized by KSIT on 2022-23.

- Gandamani C.M Participated and received Certificate of Appreciation Organized by KSIT on

2022-23.

- Aditi Dubey Participated and received Certificate of Appreciation Organized by KSIT on 2022-23.

- Suraksha N Participated and received Certificate of Appreciation Organized by Red Cross Society on 07-08-2023.

- Rakshitha A Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 30/6/2023 and won Second Prize.

- Chaya S Participated in NISVAARTH-2023 KSGI 5K Marathon Organized by Dept. of ECE,KSIT on 17/6/2023.

- Chaya S Participated in SAARANG Organized by Dept. of ECE,KSIT on 26/11/2022.

- Kiran Participated in Mini Project Exhibition-2023 Organized by DSAT&M on 07-04-2023.

- Kumar K G Participated in Mini Project Exhibition-2023 Organized by DSAT&M on 07-04-2023.

- Kiran V Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 30-06-2023 and won First Prize.

- Kumar K G Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 30-06-2023 and won First Prize.

- Shaik Arfath participated in NCC Annual Training Camp-2023 Organized by Commanding office jakkur Bangalore on 2/8/2023 to 3/8/2023.

- Vidya Rawal participated in NCC Annual Training Camp-2023 Organized by Commanding office jakkur Bangalore on 2/8/2023 to 3/8/2023.

- Anagha Prakash participated in NCC Annual Training Camp-2023 Organized by Commanding office jakkur Bangalore on 2/8/2023 to 3/8/2023.

- Gurushankar M participated in NCC Annual Training Camp-2023 Organized by Commanding office jakkur Bangalore on 2/8/2023 to 3/8/2023.

- Anirudha R Bhat participated in NCC Annual Training Camp-2023 Organized by Commanding office jakkur Bangalore on 2/8/2023 to 3/8/2023.

- Meghana N Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 09-02-2023 and won Third Prize.

- Meghana N Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 09-02-2023 and won Third Prize.

- Sanjana V Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 09-02-2023 and won First Prize.

- Preksha S Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on

09-02-2023 and won First Prize.

- Anagha Prakash Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 09-02-2023 and won Third Prize.

- Damini S Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 09-02-2023 and won First Prize.

- Archana G.M Participated in Mini Project Exhibition-2023 Organized by Dept. of ECE,KSIT on 09-02-2023 and won Second Prize.

- Veeresh K.N Participated inQUIZ-SPS DAY Organized by Dept. of ECE,KSIT on 06-02-2023.

- Rehaman Shariff Participated in IDEATHON-SPS DAY Organized by Dept. of ECE,KSIT on 06-02-2023.

- Anagha Prakash Participated in IDEATHON-SPS DAY Organized by Dept. of ECE,KSIT on 06-02-2023.

- Gurushankar M Participated in IDEATHON-SPS DAY Organized by Dept. of ECE,KSIT on 06-02-2023.

- Damini S Participated in POSTER MAKING-SPS DAY Organized by Dept. of ECE,KSIT on 06-02-2023.

- Amulya R Participated in Certificate of Merit Organized by KSIT and won First Prize on 09/09/2023.

- Disha Shivani Participated in Certificate of Merit Organized by KSIT and won Third Prize on 09/09/2023.

- Krupa A Participated in Certificate of Degree VTU Organized by KSIT for B.E with Honours on 08-01-2023.

ACHIEVEMENTS BY FACULTY

- Dr. Rekha N, Associate Professor, recognized as Reviewer for IEEE MYSURUCON 2022-The 2nd Edition of the Mysore Subsection Flagship International Conference on 16th & 17th October 2022.

- Dr. Rekha N is the Topper of the NPTEL course "Modern Digital Communication Techniques"held during July- October 2022.

- Dr.P.N. Sudha, Professor, HOD-ECE Completed 12 weeks NPTEL Course on Cryptography & Network Security during July 2022 to October 2022.

- Dr.P.N. Sudha,Professor,HOD-ECE Worked & volunteered as a proctor to guide and oversee competing teams for the IEEEXtreme 16.0 programming competition that hosted +14,600 participants 22nd October 2022 organized by IEEE.

- Dr.Sangappa.S.B,Professor,Dept.ECE worked as " Chief Co-ordinator" for registration committee &honored as member of reception committee during ABRSM National Conference on "India to Bharat" held during 11th to 13th November 2022 at Janasva vidya kendra,Chennenahalli,Bengaluru.

- Dr.Sangappa.S.B,Professor,Dept.ECE Appointed as "Chairman"by Board of Examination in ECE Board of VTU ,Belagavi on 7th November 2022.

- Dr.Sangappa.S.B,Professor,Dept.ECE Received Letter of Appreciation from Akhil BharatiyaShaikshikMahasangh on 28th November 2022.

- Dr.Sangappa.S.B,Professor,Dept.ECE Worked as "Nodal Officer" for the project of Govt Schools adoption program by K.S.Group's,KSIT.where 5 Govt. Schools needs were executed as the program Co-ordinator for the year 2022 &gor felicitated by Sri.B.C.Nagesh Education Minister Govt. of Karnataka.

- Dr.Sangappa.S.B,Professor,Dept.ECE Worked as Advisory Committee member on 24th ISTE Karnataka State Level Faculty Convention organised by JSS Academy of Technical Education ,Bengaluru on Accreditation &NEP 2020 for excellence in Higher Education Institutions.

- Dr.Sangappa.S.B,Professor,Dept.ECE Honored as "Guest" at two days National Seminar on "Bharat @75 Unnat Shikshan Unnat Bharat"held on 7th &8th September 2022 at Jnana Jyothi Sabhangana,Bangalore University &shared dais with his excellency Shri.Tawar Chand Gehlot,Honorable Governor of Karnataka & addressed the gathering during valedictory function of the event.

- Dr.Sangappa.S.B,Professor,Dept.ECE Honored as " Seminar Convenor" at two days National Seminar on "Bharat @75 Unnat Shikshan Unnat Bharat"held on 7th &8th September 2022 at Jnana Jyothi Sabhangana,Bangalore University.

- Dr.Sangappa.S.B,Professor,Dept.ECE Attended the "118th meeting of ISTE National Executive Council" held on 26th August 2022 at Fairfield by Marriott at Goa and received the "Best Student Chapter Award" of ISTE for KSIT by the Chief Minister of Goa, Mr.Pramod Savanth.

- Dr.Sangappa.S.B,Professor,Dept.ECE was Nominated as a "Member of the Committee" to look into the membership drive and state section share issues of ISTE New Delhi during the 118th meeting of the ISTE National Executive Council held on 26th August 2022 at Goa.

- Dr.Sangappa.S.B,Professor,Dept.ECE was Honored as "Patron" during the 17th Karnataka State Level ISTE Student Convention on the theme" Sustainable Development through

Innovative Technologies" organized by GM Institute of Technology, Davanagere and received "Best ISTE Student Chapter Award 2022" for KSIT on 23rd July 2022.

- Dr.Sangappa.S.B,Professor,Dept.ECE Honored as " Guest of Honor" at 23rd ISTE Karnataka State Faculty Convention 2022 & 31st Dr.L.S.Chandrakanth Memorial Lecture on the theme "Role of Higher Education Institution in Achieving sustainable development Goals" organized by Sri Sairam College of Engineering, Bengaluru held on 21st July 2022.

- Dr.P.N. Sudha, Professor, HOD-ECE, Delivered talk in Faculty development program on "Implementing Quality Assurance:Challenges and Solutions for NAAC accreditation" at M.V.I.T, Bangalore on 7th January 2023.

- Dr.P.N. Sudha, Professor, HOD-ECE Coordinator in Paypal's Student enablement Program at K. S. Institute of Technology, Bangalore on 20/3/23.

- Dr.P.N. Sudha, Professor, HOD-ECE worked Teachers training Program in Teachers training Program on Introduction to Cyber Security at VTU, Centre for PG Studies, Muddenahalli, Chikkaballapura on 22/5/23-26/5/23.

- Dr.P.N. Sudha, Professor, HOD-ECE External Expert in Synopsis presentation at Faculty of Engineering and Technology, Jain Group of Institutions, Bangalore on 21/5/23.

- Dr.P.N. Sudha, Professor, HOD-ECE,Reviewer in IEEE International Conference on applied Intelligence and sustainable Computing at SDM College of Engineering and Technology, Dharwad from 16/6/23 to 17/6/23.

- Dr. B. Surekha,Professor as a Session chair in NFED at Coimbatore, Tamil Nadu from 20/1/23 to 21/1/23.

- Dr. B. Surekha,Professor as a External Expert in PhD Viva at JSS Science and Technology University, Mysuru on 16/2/23.

- Dr. B. Surekha,Professor as a Session chair in National conference on digital Technology and Engineering at RVITM, Bangalore on 28/4/23.

- Dr. B. Surekha,Professor as a Reviewer in Expert Systems on 9/4/23.

- Dr. Dinesh Kumar D S ,Associate Professor as a Reviewer in International Conference of IEEE TEMSMET at IEEE on 2/5/23.

- Dr. Dinesh Kumar D S ,Associate Professor as a Reviewer in Nano composites for aerospace applications on 28/2/23.

- Dr. Devika B,Associate Professor ,as a Reviewer in IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON) at Nitte Meenakshi Institute of Technology, Bangalore on 31/5/23.

- Dr. Devika B,Associate Professor ,as a Judge in Project Exhibition at RNSIT, Bangalore on 12/5/23.
- Mr. Saleem S Tevaramani,Assistant Professor, as a Reviewer in ICAISC-2023 at SDMCE, Dharwad from 16/6/23 to 17/6/23.
- Mr. Saleem S Tevaramani,Assistant Professor, as a Reviewer in Reviewer IEEE International conference on data science networks Kalpataru Institute of Technology, Tiptur from 28/7/23 to 29/7/23.
- Mr. Saleem S Tevaramani,Assistant Professor, as a Reviewer in 2nd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics at Ballari institute of technology and Management, Bellari from 29/4/23 to 30/4/23.

FUNDED PROJECTS:

1. **Mr.S.Christo Jain** ,Assistant Professor received a fund of Rs.5000/ for the project entitled" Sign Language to Text and Vice-Versa using Embedded System" by VTU Financial Assistance for Innovative Projects of Final Year UG Students during March 2023.
2. **Dr.P.N.Sudha**, Professor Received a fund of Rs.5000/- for the project entitled "Smart Wheel Chair for Aged People with E-Health Monitoring System" by VTU Financial Assistance for Innovative Projects of Final Year UG Students during March 2023.
3. **Dr. Rekha N**, Associate Professor Received a fund of Rs.4000/- for the project entitled" Hybrid Power Grid Based On Iot "by Karnataka State Council for Science and Technology KSCST SSP-46 Series during April 2023.
4. **Dr. Rekha N**, Associate Professor Received a fund of Rs.3500/- for the project entitled "Virtual Pen" by Karnataka State Council for Science and Technology KSCST SSP-46 Series during April 2023.
5. **Mrs. Ramya K R**, Associate Professor Received a fund of Rs.4000/- for the project entitled "Fire Fighting Robot" by Karnataka State Council for Science and Technology KSCST SSP-46 Series during April 2023.
6. **Mr. Saleem S Tevaramani**, Assistant Professor Received a fund of Rs.4000/- for the project entitled "E-Passport Authentication using IOT and AI" by Karnataka State Council for Science and Technology KSCST SSP-46 Series during April 2023.
7. **Mrs. Bhargavi Ananth**, Assistant Professor Received a fund of Rs.4000/- for the project entitled "Non-Invasive Thyroid Detection" by Karnataka State Council for Science and Technology KSCST SSP-46 Series during April 2023.

Patent Publication by Faculty:

1. **Dr. Rekha N** ,Title of Invention **"An Innovative Cognitive E-Mirror"** design patent, Patent office Government of India, published on 21st October 2022 with IPR number 202241060309A.

2. **Dr. Rekha N**, Title of Invention **"A Robust Security Management System for the Internet of Things (IoT)"** design patent, Patent office Government of India, Granted on 10th November 2022 with IPR number 202022106318.

100% Result with Subject:

Sl. No.	Name of the Faculty	Subject
1	Dr. P.N Sudha	Wireless and Cellular Communication (18EC81)
2	Dr. P.N Sudha	Cryptography (18EC744)
3	Dr. Surekha Borra	Energy and Environment (18ME751)
4	Dr. Dinesh Kumar D S	Computer Networks (18EC71)
5	Mrs. Vishalini Divakar	Technological Innovation Management and Entrepreneurship (18ES51)
6	Mr. Sampath Kumar S	Social Connect and Responsibility (21UH36)
7	Mr. Saleem S Tevaramani	Radar Engineering (18EC823)
8	Dr. Pooja S	Radar Engineering (18EC823)
9	Dr. Pooja S	Satellite Communication (18EC732)

DEPARTMENT OF MECHANICAL ENGINEERING:

Events conducted by the Department:

1. TECHNOTSAV 2K22 Organized on 14th December 2022 by Department of Mechanical Engineering in association with Team Redline Racing and SAE INDIA. Inauguration Graced by: Dr. Dilip Kumar K, Principal, KS Institute of Technology, Bangalore. Description of the Event: Technical competitions (Four) and Non-Technical Competition (Three). Objectives / Key Highlights: Provide a platform for students to showcase their talents in technical competitionviz quiz, technical seminar, 2D modeling, Hand Sketching and Non -Technical competition viz; Fit eheck. Mobilegaming and super over cricket. No. of Participants: 356 Students (internal/external): 290 KSIT and 66 fromKSSEM, Bangalore

2. National Conference on Recent Innovations in Engineering- 2022 has been organized by the Department of Mechanical Engineering from 23rd – 24th June 2022

3. Department of Mechanical Engineering has organized a industrial visit to IMTEX Exhibition at BIEC to students (I,III and V sem) and staff on 25th Jan 2023

4. Organized seminar entitled "Innovation & Entrepreneurship" on 19th July 2023 for 4th semester AIML & ME students between 10.30AM to 12.30PM at KSIT Seminar Hall, Ground floor.**Industry expert:** Mr. Dhiraj A Rao, Managing Director, AANS Technologies, Bengaluru.

5. Organized an invited talk entitled "**SALESFORCE CAREER DEVELOPMENT ROADMAP**" on 5th July 2023 for 4th semester CSD students between 10.30AM to 12.30PM at KSIT Seminar Hall, Ground floor.**Industry expert:** Mr. Ravi Kumar C, Head – Innovations & Sales, Influencer Labs, Bengaluru.

6. Organized seminar entitled "**Traits - Students transition into next journey - IT Industry**" on 9th November 2022 for 7th semester CSE students between 11.30AM to 12.30PM at KSIT Conference Hall, Ground floor.**Industry expert**:   Mr. Raghu Sosale, Associate Director, Delivery Lead/Manager, Cognizant Technology Solutions, Bengaluru
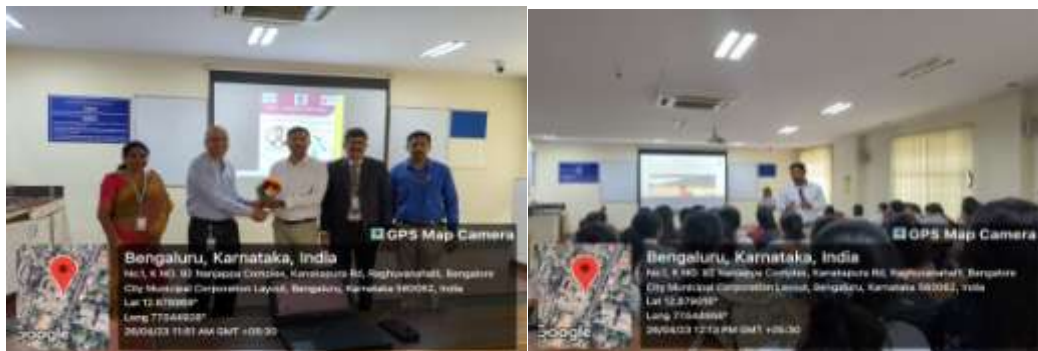

7. Organized an industry visit to "**BANGALORE AIRCRAFT INDUSTRIES PVT LTD**, BENGALURU" on 7th July 2023 for 2nd & 4th semester ME students between 09.00AM to 04.30PM.**Industry expert**: Mr. Girish, Co-founder & Director, BAIL, Bengaluru.

8. Organized an industry visit to "**U.R RAO SATELLITE CENTRE, ISRO, BENGALURU**" on 28th August 2023 for 1th semester ECE students between 10.00AM to 03.30PM.

9. Organized an invited talk entitled "**INTERFACE OF IPR IN ACADEMICS**" on 26th April 2023 for 6th semester ECE students between 11.30AM to 12.30PM at KSIT Seminar Hall, Ground floor.**Expert:** Mr. Vivek Anand Sagar, IP Attorney and Consultant, KSCST, IISc Campus, Bengaluru

10. Organized 5-Day FDP entitled "IP INCUBATION & STARTUPS" from 03rd to 8th August 2023 for faculties between 10.30AM to 03.30PM at KSIT Seminar Hall, Ground floor.

Events attended by Faculty

- **Dr. Nirmala L** of **K. S. Institute of Technology, Bengaluru** has participated in in Five Days Faculty Development Program on **"The Challenges and Opportunities for Women in Science, Technology, Engineering & Mathematics (Stem)"** from 17th to 21th October 2022 conducted by KS School of Engineering and Management.

- **Mrs Tejaswini M L**of **K. S. Institute of Technology, Bengaluru** has participated in Five Days Faculty Development Program on **"The Challenges and Opportunities for Women in Science, Technology, Engineering & Mathematics (Stem)"** from 17th to 21th October 2022 conducted by KS School of Engineering and Management.

- **Mr Rajesh G L**has participated in Five Days Faculty Development Program on **"Data Visualization and Standardized Programming Language for Mechanical Engineers"** from 4th to 8th July 2022 conducted by KS School of Engineering and Management.

- **Mr Nagabhushan M** has attended a 4 Days FDP on **"Python Programming and its Applications"** organized by the Department of Electronics and Communication Engineering, KSIT from 27th March to 1st April 2023

- **Mr Prasad K** has attended a 4 Days FDP on **"Python Programming and its Applications"** organized by the Department of Electronics and Communication Engineering, KSIT from 27th March to 1st April 2023

- **Dr Nirmala L** has attended a 5 Days Offline Workshop on **"Human Values Education: Why? and Have?"** organized by the Department of Managements Studies and Research centre, Bangalore from 15th to 19th May 2023

- **Dr Nirmala L** has attended a online 3-Day FDP on **"Research Grants, Publications and Consultancy skills for Academicians"** organized Department of Electronics & Telecommunication Engineering and Skill Development centre, BIT from 6th to 8th March 2023

- **Mrs Tejaswini M L** attended a Two Days Online FDP on **"New Generation Construction Materials & Technologies"**, organized by the Department of Civil Engineering, Sir MVIT, Bengaluru from 5th Jan 2023 to 6th 2023.

- **Mr Rajesh G L** has participated IP Awareness/Training program under National Intellectual property awareness mission on from 4th to 8th July 2022 conducted by KS School of Engineering and Management.

- **Mr Rajesh G L** has attended One Week Online National Level Faculty Development Program on **"Innovation, Research and IPR - Journey Towards Excellence"** held from 1stMarch 2023 – 5thMarch 2023 organized by BVB's Sardar Patel College of Engineering, Mumbai & HSM's Shri. Sant Gadge Baba College of Engineering & Technology, Bhusawal in collaboration with SAE India Western Section, Institution's Innovation Council, Indian Institution of Industrial Engineering and Federation of Education Leaders and Administrators under IQAC of SPCE, Mumbai and SSGBCOE&T, Bhusawal.

- **Mr Rajesh G L** has attended One Week Faculty Development Program (FDP) on "**Data Visualization and Standardized Programming Language for Mechanical Engineers**" from 04th to 08th of July 2022, organized by Department of Mechanical Engineering, Nitte Meenakshi Institute of Technology, Bangalore-64, Karnataka, INDIA.

- **Mr Rajesh G L** has attended workshop on "**Data science and AI in Manufacturing**" on 17th April 2023 organized by Aegis, School of Data science and Cyber Security, Navi Mumbai.

- **Mr Rajesh G L** has attended **Technical Institution Meet 2023** organized by GTTC, Rajajinagar in association with Siemens Technologies and Design Tech held on 22nd August 2023 at 9.30AM.

- **Mr Manjunatha B R** has attended One Week online AICTE – VTU joint Teacher Training Programme on **"Introduction to Python Programming and its Applications"** from 13th to 17th March 2023 organized by VTU, Center for PG Studies, VIAT, Muddenahalli, Chikkabalapur (Dist) - 562101

- **Mr Ranganath N** has attended One Week online AICTE – VTU joint Teacher Training Programme on **"Introduction to Python Programming and its Applications"** from 13th to 17th March 2023 organized by VTU, Center for PG Studies, VIAT, Muddenahalli, Chikkabalapur (Dist) – 562101

- **Mr Anil Kumar A** has attended One Week online AICTE – VTU joint Teacher Training Programme on **"Introduction to Python Programming and its Applications"** from 13th to 17th March 2023 organized by VTU, Center for PG Studies, VIAT, Muddenahalli, Chikkabalapur (Dist) – 562101

- **Mr Harish U** has attended One Week online AICTE – VTU joint Teacher Training Programme on **"Introduction to Python Programming and its Applications"** from 13th to 17th March 2023 organized by VTU, Center for PG Studies, VIAT, Muddenahalli, Issue 2, Pp 161-167, 13th Nov 2022.

- **Prof Dr. Saleem Khan, "Influence of Hot Extrusion Process on Tensile Properties and Microstructures of Aluminium 6061 Hybrid Composite**", SAE Technical Paper 2023-01-0986, 2023, https://doi.org/10.4271/2023-01-0986, ISSN - 0148-7191, e-ISSN: 2688-3627, 7th Mar 2023Chikkabalapur (Dist) - 562101

Publications by students

- Ujwal N, Shrinidhi D, Swasthik DK, Uday Kiran P, "**Design and Fabrication of Air Brake System Using IC Engine Exhaust Gas**", International Journal of Science and Research Archive, Vol 7, Issue 2, Pp 161-167, 13th Nov 2022.

Achievements by Faculty

- **Dr. NAGAPRASAD K.S,** attended the 2nd Leg of SAEINDIA Bengaluru Section Silver Jubilee event on October 11th 2022 at Hilton Bengaluru Embassy Manyata Business Park. He was felicitated for being 'Valuable contributor' in building SAEINDIA for 25 years.
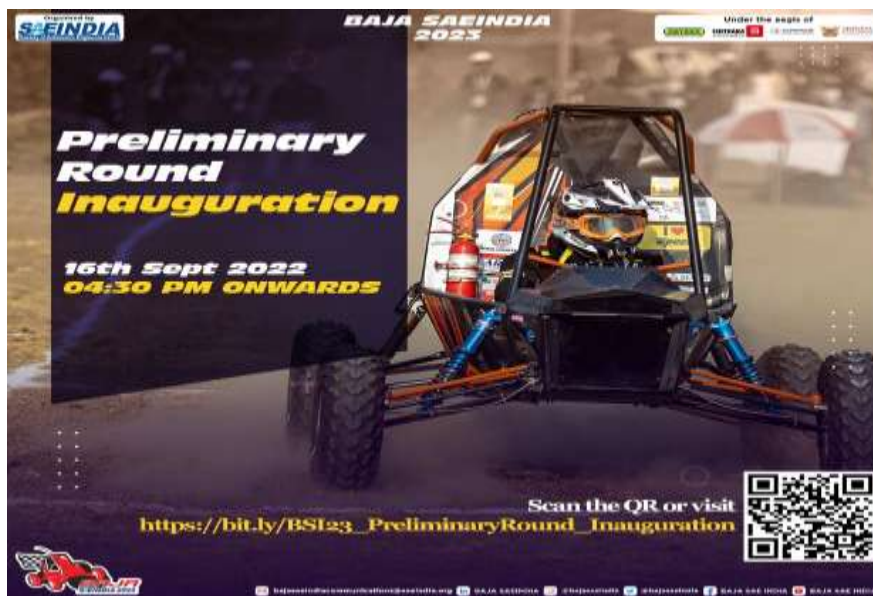

Recognition

- **Dr. Nagaprasad K S,** was invited by Karnataka Examination Authority, Government of Karnataka on 19th September, 2022 for an official work.

- **Dr Girish T R** has been provisionally selected for admission to **M.Tech. Artificial Intelligence & Machine Learnin**g programme offered by BITS Pilani WILP

- **Mr Ranganath N** has been provisionally selected for admission to **M.Tech. Artificial Intelligence & Machine Learnin**g programme offered by BITS Pilani WILP

- **Dr Nagaprasad K S** has been appointed as Domain Expert in Research Advisory Committee for research scholar working on "Simulation of combined haling and cooling system at DCSE, Bangalore

- **Dr Nagaprasad K S** has been appointed as Research supervisor in VTU, Belgaum

Achievements by students

- Students of KSIT participated in Mega ATV Championship held at Goa on 15-05-2022 and WON 'THREE' Prizes/Trophies: 1. OVERALL CHAMPIONSHIP: 2nd place All India ranking 2. Flat dirt race: 2nd place. 3. Night endurance race: 2nd runnerup.

- The team redline racing consisting of 22 students participated in preliminary round of **BAJA SAEINDIA 2023** on 16th and 17th September 2022 online and cleared all the technical rounds. This is the proud moment for the team as evaluators appreciated the design and cost analysis of ATV.

- Attended 4 weeks NPTEL cerification program on the course titled " Introduction to experiments in flight" by Mr. Haryank V Kashyap, during January-February 2023.

- Attended 12 weeks NPTEL cerification program on the course titled " Advance Robotics" by Mr. Haryank V Kashyap, during January-February 2023.

- Project entitled "**Design and Fabrication of Smart irrigation system using IOT"** by Mr Jashwanth S, Mr Shreyas B, Mr Sujay Adithya, Mr Thejas V R under the guidance of **Dr GIRISH T R,** Associate Professor, Department of Mechanical Engineering, KSIT has been

has selected for state level seminar held at Alva's Institute of Engineering and Technology, Moodubidire on 11th-12th August 2023

- Project entitled "**Design and Construction of an Integrated Domestic organic waste composting device"** by Mr Sanjay V, Mr Arun Kumar M, Mr Venkataramana G Bhat, Ms Charitha S under the guidance of **Mr Ranganath N,** Assistant Professor, Department of Mechanical Engineering, KSIT has been has selected for state level seminar held at Alva's Institute of Engineering and Technology, Moodubidire on 11th-12th August 2023

- Project entitled "**Design and Fabrication of Solar Dryer for Onion"** by Mr Jithan A, Mr Hemanth K, Mr Madhu V, Mr Nithesh S R under the guidance of **Dr GIRISH T R,** Associate Professor, Department of Mechanical Engineering, KSIT has been has selected for state level exhibition held at Alva's Institute of Engineering and Technology, Moodubidire on 11th-12th August 2023

Funded Projects

- Project entitled "**DESIGN ANDFABRICATION OF LOW-COST MECHANICAL VENTILATOR"** by Mr Mohan R Krishna, Harsha P, Anirudh R and Mallikarjun Basawaraj Holde under the guidance of **Dr. Nirmala L** Associate Professor, Department of Mechanical Engineering, KSIT has been has been approved by the Council under "VTU Financial assistance for Innovative projects of Final year UG students and sanctioned an amount of Rs.5000.

- Project entitled "**EXPERIMENTAL AND NUMERICAL INVESTIGATION ON ACOUSTIC BEHAVIOUR OF CYLINDRICAL SHELL STRUCTURES"** by Mr Rakshith A, Sanjay Rao G, Srinivas R and D Manish under the guidance of **Mr. Anil Kumar,** Assistant Professor, Department of Mechanical Engineering, KSIT has been has been approved by the Council under "VTU Financial assistance for Innovative projects of Final year UG students and sanctioned an amount of Rs.5000.

Club activities

- Mega ATV Championship (Our students of KSGI (KSIT and KSSEM) participated in **Mega ATV Championship** on **15 May 2022**

100% result in VTU University Examination

1	Dr. Umashankar M	18ME71	Control Engineering
2	Mr. Nagabhushana M	18ME72	Computer Aided Design and Manufacturing
3	Mr. Manjunath BR	18ME741	Additive Manufacturing

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Events conducted by the Department:

1. The student club of AIML, Aeffenity organized a one day workshop on "Introduction to Data Mining",by Srinivas Katharguppe, Adjunct Professor on 25th of July 2022.

2. The department of AIML in association with AICTE-SPICES, ISTE, organized a technical talk on " Innovate – How to Innovate", by Dr. Immanuel Selvaraj I. Founder Director at i-EL Technologies on 3rd November 2022.

3. The department of AIML in association with ISTE organized a technical talk on "UX-UI Design", by Mr. Pravin Ghodke, UX Designer, Philips Health Care sector, Ms. Supritha, UX Designer, Philips and Ms. Garima, Product Designer, Philips on 25thNovember, 2022.

4. The department of AIML in association with Rubixe, AI Company, Bangalore, organized a workshop on "Hands on Machine Learning with Python", by Ms. Kalpana Kadrivel, Senior Data Scientist, Rubixe, AI, Bangalore on 16th December 2022.

5. The student club of AIML, Aeffenity, organized its first mega event "FESTAHOLIC- A STUDENT CLUB EVENT" a culmination of festivities which consisted of carnival stalls by students, technical competitions, game stalls, external sponsors and various other events on 28th of December 2022.

6. The department of AIML in association with IIC organised a technical talk on "AI and Industry Use cases solved by HPE" by Mr. Narsimha Nikhil Raj Padal, Expert Engineer, HPE Mr.Yogesh Kumar Choubey, Senior Specialist Engineer, HPE on 13th of Jan 2023.

7. The department of AIML in association with ISTE, organized a workshop onBuilding Computer Vision AI Modelby Mr. Varun Poladiya,Head of Marketing at Navan ᵃⁱ, Bangalore on 08-02-2023.

8. The department of AIML in association with ISTE,organized a workshop on"REINFORCEMENT LEARNING WITH REAL-WORLD SCENARIOS" by Dr. Pavithra M.S.Advisor- Vlinkin Professionals LLP, Mysore Ms. Kiran DJr. Consultant ACS Technology , Bengaluru on 09-6-2023.

Events Attended by Faculty:

- **Ms.Anu Mathews**, Assistant Professor attended 5days FDP on "Advanced Tools and Techniques for best research" from 26th to 30th September 2022, organized by the Dept. of Information Science and Engineering, RV Institute of Technology and Management, Bangalore.

- Ms.Sahana Sharma. M, Assistant Professor completed NPTEL course on Embedded System Design using ARM, from July to October 2022 organized by NPTEL(IIT Kharagpur) & AICTE jointly associated Faculty Development Program.

- **Ms. Sahana Sharma M**, Assistant Professor attended 5days FDP on "Advanced Tools and Techniques for best research" from 26th to 30th September 2022, organized by the Dept. of Information Science and Engineering, RV Institute of Technology and Management, Bangalore.

- **Dr. Amulyashree S**, Assistant Professor attended one day FDP on "Helping Students Develop

their code writing skills with Parson's problems" on 18-06-2022 organized by the Dept. of Computer Science and Engineering, BNM Institute of Technology, Bangalore.

- **Dr. Amulyashree S**, Assistant Professor attended 5days FDP on "Advanced Tools and Techniques for best research" from 26th to 30th September 2022, organized by the Dept. of Information Science and Engineering, RV Institute of Technology and Management, Bangalore.

- **Dr.Amulyashree S**, Assistant Professor completed NPTEL course on Applied Accelerated Artificial Intelligence, from July to September 2022 organized by NPTEL (IIT Madras) & AICTE jointly associated Faculty Development Program.

- **Ms.Lakshmi K K**, Assistant Professor attended 5days FDP on "R Programming and its Applications" from 27-03-2023 to1-04-2023organized by Dept. of Computer Science and Engineering,KSIT, Bangalore.

- Roopa K Murthy, Assistant Professor attended 5days FDP on "R Programming and its Applications" from 27-03-2023 to1-04-2023organized by Dept. of Computer Science and Engineering,KSIT, Bangalore.

- **Ms.Roopa K Murthy**, Assistant Professor attended 5days FDP on "Human Values Education: Why? and How?" from 15th May to 19th May, 2023organized byDepartment of Management Studies and Research Centre.KS School of Engineering and Management, Bangalore.

Publications in International Journals:

- Ms. Anu Mathews, "Text Based and Image Based Recommender Systems: Fundamental Concepts, Comprehensive Review and Future Directions" International Journal of Engineering Trends and Technology, vol.70, no.10, pp.124-143, 2022. Crossref, https://doi.org/10.14445/22315381/IJETT-V70I10P214, ISSN:2349-0918 (Scopus Indexed-Q4).

- Ms. Anu Mathews, "Analysis of Content Based Image Retrieval using Deep Feature Extraction and Similarity Matching", International Journal of Advanced Computer Science and Applications (IJACSA), 13(12), 2022. ISSN: 2158-107X http://dx.doi.org/10.14569/IJACSA.2022.0131277 (Scopus Indexed-Q3 and Web of Science(ESCI)).
  https://www.scopus.com/sourceid/21100867241https://mjl.clarivate.com/journal-profile.

International Conference Publications:

- Dr. Vaneeta M, "Malware Detection on Android Apps using RSLBO based Dense Network in Internet of Things", Neuro Quantology, November 2022, Volume20,Issue 15, PAGE 7444-7455, DOI: 10.48047/NQ.2022.20.15.NQ88744.

Achievements by Faculty:

- Dr. Vaneeta M, Professor and Head, was the Journal Reviewer for 4th IEEE International Conference on Cognitive Computing and Information Processing CCIP 2022, 23rd & 24th Dec 2022 at JSS Academy of Technical Education.
- Dr. Vaneeta M, Professor and Head, was recognised as Session chair for National Conference on Digital Technology and Engineering(NCDTE-2023) on 28th April 2023.

Achievements by Students:

- Mr. Dhanush P, participated in National Service Scheme Organized Special Camp Antharahkana 2022 held at AmmallidoddiVirupashipuraHoballi, Channapatna Taluk Karnataka 6th July 2022 to 12th July 2022.
- Mr. Dhanush P,won Second Prize in 15th Senior National Dodgeball Championship 2022-2023 organized by Haryana Dodgeball on 28th Dec to 30th Dec 2022.
- Mr. Gurudeep R, participated in nation building activity through the festival of democracy-your voice your choice campaign organised by Mr. Ajay Gowda in association with LEAD & NSS.
- Mr. Gurudeep R, participated in VTU inter-collegiate Bengaluru South Division Kabaddi Tournament for Men held at K S School of Engineering & Management, Bengaluru on 3rd & 4th November 2022.
- Mr. Gurudeep R, participated in State Level PRE RD Selection Camp 2022-23 held at SDM College of Ayurveda and Hospital Hassan from 17th to 20th October 2022.

100% Result with Subject:

1. Dr. K.V.A. Balaji   Management And Entrepreneurship For It Industry (18Cs51)

2. Dr. Vaneeta M   Python Programming(18AI52)

3. Prof. Manoj Kumar K   Automata Theory And
   Computability(18AI54)

4. Prof. Sahana Sharma M   Principles Of Artificial
   Intelligence(18AI55)

5. Prof. Kiran Kumar   Environmental Studies(18CIV59)

6. Prof. Anu Mathews   Machine Learning(18AI61)

7. Dr. Amulyashree S   Digital Image Processing
   (18AI62)

8. Prof. Abhilash Bhat   Java Mobile Application (18AI63)

9. Prof. Rajesh R   Supply Chain Management(18ME653)

DEPARTMENT OF COMPUTER SCIENCE AND DESIGN ENGINEERING

EVENTS ORGANIZED BY THE FACULTY

1. Guest lecture on " Peace & Wellbeing through meditation in Higher Education – A Holistic Approach was conducted on on 19th Oct 2022, under CSI, AICTE -SPICES banner. Resource person is Mr. Guru.

2. Technical Talk on Innovate- How to Innovate conducted on 04-11-2022 Under ISTE student chapter . Resource person is Mr. Immanuel, Founder Director at i-EL Technologies.

3. Industrial Visit- Bengaluru Tech Summit under Adroit club on 17-11-2022.

4. Technical Talk on UI/UX Design conducted on 25-11-22 under IEI student chapter. Resource person is Mr Pravin Ghodke, UX Designer, Philips.

5. Workshop on Cyber safety conducted on 17-1-23 underCySeck (CYBER SECURITY, KARNATAKA), ADROIT CLUB.Resource person is Mr. NITESH SINHA, FOUNDER & CEO, SACUMEN Mr. JEEVESHA, DIRECTOR OF HR & OPERATIONS, SACUMEN.

6. Workshop on BUILDING COMPUTER VISION AI MODEL on 8-02-2023 under ISTE, CSD Adroit Club ,Resource person is Mr. Varun Poladiya, Head Marketing, navan.ai , Bengaluru.

7. Industrial Visit to ISRO on 08-06-2023,under Adroit club.

Events Attended By Faculty

1. Dr Deepa S R Attended faculty development program on "Developing and Deploying spring boot microservices on Kubernetes clusters." From 22nd to 26th August 2022.

2. Surekha ByakodAttended 5 days faculty development program on "Introduction to python programming and its Applications" from 13 th to 17th March 2023.Organized by Visveswaraya Technological University VIAT,muddenahalli,Chikkaballapur.

3. Surekha Byakod Attended 5 days faculty development program on "Artificial Intelligence and Data science in Image Analysis" from 13th Feb to 17th Feb 2023.

4. Surekha Byakod has participated in 6 days faculty development program on "R Programming and Its Applications" from 27th march to 1st April 2023.

5. Sushma A has participated in 6 days faculty development program on "R Programming and Its Applications" from 27th march to 1st April 2023.

6. Mr Subhash Kumar has participated in 5 days faculty development program on "Entrepreneurship Development"from 12th to 16th December 2022.

Publications By Faculty:

7. Dr Deepa S R, "Malware Detection on Android Apps using RSLBO based Dense Network in Internet of Things", NeuroQuantology, November 2022, Volume 20, Issue 15, pp. 7444-7455, DOI: 10.48047/NQ.2022.20.15.NQ88744.

8. Dr Deepa S ,"Prediction of chronic kidney Disease using fine Tune Based SVM in the IoT,Neuroquantology,November 2022,Volume 20,Issue 15,PAGE 7444-7455,DOI:10.48047/NQ.2022.20.15.NQ88744.

9. Dr. Deepa .S.R,Contemporary Research Trendsin Plant Leaf Disease Detection4th International Conference on Circuits, Control,Communication and Computing (I4C), Bangalore, India,2022, pp. 440-445. [ISSN: 2381-4128]Link:doi: 10.1109/I4C57141.2022.10057867

   https://ieeexplore.ieee.org/document/10057867

10. Dr. Deepa .S.R "Tamper Proof Air QualityManagement System usingBlockchainInternational Journal of Advanced Computer Scienceand Applications (IJACSA), 2023, Vol. 14, No. 2, pp263-271Link:DOI : http://dx.doi.org/10.14569/IJACSA.2023.0140232

    Journal Link:https: //thesai.org/Publications/IJACSA

   Paper Link:https: //thesai.org/Publications/ViewPaper?Volume=14&Issue=

2&Code=IJACSA&SerialNo=32Journal Scopus link: https://www.scopus.com/sourceid/21100867241.

11. Surekha Byakod "Lung cancer CT image classification using hybrid-SVM transfer learningapproach"Soft Computing,/Published:May-26 2023,https://doi.org/10.1007/s00500-023-08498-xSoft Computing , 2023, 27(14), pp. 9845–9859https://www.scopus.com/authid/detail.uri?authorId=55925539100

Achievements by Faculty

1. Surekha Byakod filed patent on "Automatic Recommendation system to overcome Depression in Dysfunctional Behaviour Using Machine Learning Techniques" date of application on 20-02-2023,in the field of invention field, Application ID:202341011358.

Achievements By Students

1. Pavithra G has won First Prize in Tug of war in university level on 10/7/2022.
2. Dhanush has secured 2nd Prize in Thindipota in university level on 10/7/2022.
3. Dhanush has won First prize in Marvel Quiz in university level on 15/7/2022.
4. Kushal has won 2nd prize in Fashion show in SJBIT university on 21/6/2023.

DEPARTMENT OF APPLIED SCIENCE AND HUMANITIES

Events conducted by the Department:

1. The Department of Applied Science Humanities organized Constitution Day on 26-11- 22 for the students of KSIT. The students were informed about the importance and significance of Constitution day and was administered the preamble to the Constitution.. The program was presided by the Principal CEO and other Heads of the Department of the college.

2. Induction program for the newly admitted students for the batch of 2022-23 was held in the College campus between 1-12-2022 to 9-12-2022 .This was done in accordance to the guidelines of the VTU . Programs on Universal Human Values, Importance of Yoga, Importance of Physical Activities Introduction to various branches Personality development program was done for the benefirt of the Students.

3. A personality development Program for the 1st sem Students batch of 22-23 was conducted by the Training and Placement Cell of KSIT on 23-01-2023 to 27-01-2023.

4. A Seminar on Road Safety and Awareness program was organized by KSIT on 17-01-2023. The Circle Inspector of …. Mr Venkatesh who was the key speaker addressed the students about the importance of wearing helmets following the traffic rules and abiding by the rules of the land.

5. The department of Applied Science and Humanities in association with Anti Sexual

harassment committee organized a talk on "How to overcome Challenges on Harassment" by Mrs. Lakshmi AN Rao

6. The Joy of Designing a C Program" was organized by KSIT-Department of Applied science and Humanities delivered by Dr. A M PADMA REDDY, Professor at Sai Vidya Institute of Technology, Bengaluru on 20-2-2023 . The students benefitted by the talk and applied the same for their syllabus

7. The Department of ASH (Chemistry)organized a talk on "Avenues in Materials Research for Engineering Applications" delivered by Dr. Kalyan Raj of BMSCE on 20-3-2023.. The objective of the talk was to provide basic understanding about engineering chemistry. To provide knowledge on to avoid corrosion of machineries in industries and To provide knowledge on alternate green fuels to meet present challenges

8. A Science Fest was organized by the Department of AS&H "Latest innovation and advances in science, technology and its importance" on 17-3-2023. The students exhibited their talents by creating working mini project, Poster presentation, photography ,pick & speak and debate.

9. Talk on "Unlocking Innovations for Transforming the Technology of Tomorrow" by the Department of ASH(Chemistry) on 22-7-2023. The Speaker Dr Malini of BMSCE

described about various Innovative ideas for environmental monitoring by using ideas of Artificial Intelligence, IOT and coding system, engineering applications of sensors, Mile stones of Engineering achievements in the world.

EVENTS ATTENDED BY FACULTY

1. Mrs. Shylaja K.R attended five days online FDP on "Advanced Functional Materials for science & Engineering -2023(AFMSC)" at Don Bosco Institute of Technology, Bangalore from 15 th -19thMay 2023.

2. Mrs. Shylaja K.R Participated and Presented a paper in the International conference on "Advances In Materials ,Ceramics and Engineering sciences(AMCES-2023) at DSCE , Bangalore from 13 th -15thMarch 2023.

3. Mrs. Shylaja K.R Presented and Published a paper in the International conference on "Advanced Materials for Engineering and Management Applications"(AMEMA-2023) at Bangalore Institute of Technology , Bangalore from 18 th -20thMay 2023.

4. Dr Madhavi S attended a five days offline workshop on Human Values Education why and How at Kammavari Sangham School of Engineering and Management Bangalore from 16th May to 19th May -2023

5. Dr Madhavi S attended a FDP on Research Methodology and Publication Ethics organized by the Department of Mathematics, Physics and Chemistry at the BMS College of Engineering held on 18-th April 2023.

6. Dr Shobha G participated as a fdelegate in a five day e-faculty development program on pharmaceutical innovations and protection strategies jointly organized by the Seven Hills College of Pharmacy (Autonomous) Tirupati and CSIR Institute of Minerals and Material Technology, Bhubaneshwar India bet 18th to 22nd May 2023.

7. Mrs. Mamatha N attended five days online FDP on "Recent advances in Applied

Mathematics organized by department of Mathematics Sri Manakula Vinayagar Engineering College Podaputi Puducherry from 4 th -8thSeptember 2023

8. Dr.JALAJA P attended a one day national level (online) seminar on "Digital Transformations under NEP 2020" conducted by IQAC, BMSCE in association with National Assessment & Accreditation Council (NAAC) on 15th July 2022.

9. Dr.JALAJA P attended a One Week Online Faculty Development Progamme on "Taking Research to Next Level" organized by Department of Mechanical Engineering & Department of Basic Science , in Association with IQAC, ISNT and IIC Cell, Sri Venkateshwara College of Engineering, Bengaluru from 26th to 30th September 2022.

10. Dr.JALAJA P attended a one week Faculty Development Program on "Recent Trends in materials Science and Engineering(RTMSE-2022)" organized by the Department of Chemistry, Dayananda Sagar Academy of Technology & management, Bangalore from 12th September to 16th September 2022.

11. Dr.JALAJA P Participated in the Five day Faculty Development Programme on "THE CHALLENGES AND OPPORTUNITIES FOR WOMEN IN SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)" conducted by K. S. School of Engineering and Management from 17th to 21st October 2022 in hybrid mode.

12. Dr JALAJA P participated in the Five day Faculty Development Programme on "THE CHALLENGES AND OPPORTUNITIES FOR WOMEN IN SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS (STEM)" conducted by K. S. School of Engineering and Management from 17th to 21st October 2022 in hybrid mode.

13. Dr.JALAJA P attended a Webinar "Academic writing" on 16th December 2022 organized by IEEE Student Branch and Department of Electronics and Communication Engineering, NMIT, Bengaluru.

14. Dr.JALAJA P Participated in a three day Webinar on "National Mathematics Day-2022" organized by Skill Development Centre in association with KSCST, DST,GOK, Bengaluru on 22nd to 24th December 2022

15. Dr.JALAJA P attended a the one week Faculty Development Program on "Taking Research to Next Level" organized by the Department of Mechanical Engineering and Department of Basic Science , Bengaluru from 26th September to 30th September 2022.

16. Dr.JALAJA P Participated in a two day Workshop titled on "Advance training on IPR" held on 23rd & 24th February 2023 at K.S Institute of Technology, Bengaluru.

17. Dr.JALAJA P Participated in a one day Workshop on " Research Methodology and Publication Ethics" organized by the Department of Physics, Chemistry and Mathematics, BMSCE , Bengaluru, held on 18th April 2023.

18. Dr.JALAJA P Participated in "NISVAARTH-2023 KSGI 5K MARATHON" "organized by the Department of ECE at K.S Institute of Technology, Bengaluru on 17th June2023.

19. Dr.JALAJA P Participated in the Five day Faculty Development Programme on "ADVANCED AND TECHNICAL COMPUTING WITH MATLAB" organized by the Department of Mathematics, School of Engineering ,Presidency University, Bengaluru from 25th to 29th July 2023.

Achievements by Faculty:

PATENTS BY FACULTY

- Dr Jalaja P awarded Patent bearing Number DE20202210361OUI, patent filed on 13^{th}july 2022 for the paper titled IOT BASED SMART AGRICULTURESYSTEMBY USING ARTIFICIAL INTELLIGENCE

RECOGNITION

- Dr. Renuka C received the **BEST TEACHER** Award in recognition of valuable contribution to the academic community and the students by the Institution of Scholars

100% RESULTS

Sl. No	SUBJECT	STAFF NAME
1	Physics for CSE Stream	Dr Madhavi S
2	Communicative English(CSE, CSD,AIML,IOT,CCE&ME)	Anuradha MV
3	Indian Constitution	Anuradha MV
4	Scientific Foundation for Health(CSE,CSD& AIML)	Namya Priya
5	Chemistry for CSE/EES/ME	DrKiran Kumar
6	Chemistry for CSE/EES/ME	Dr. Harisha
7	CAED	Dr Umashankar
8	CAED	Dr NAgaprasad
9	CAED	Mr Prassad K
10	CAED	Manjunath BR
11	IDT	Mr Saleem Tevarmani
12	IDT(IOT, CCE)	Dr. Salim Khan
13	IDT	Mr Nagabhushan
14	Adalitha Kannada	Trimurthy

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS

ACHIEVEMENTS

State level, VTU Inter collegiate Athletic meet held at VTU, Belagavi from 20th to 24th May 2023.

Participated in VTU , State level Athletic Meet held at VTU, Belagavi from 20th to 24th May 2023

Sl. No.	Tournament/Competition	Held at	Date	No. of Students	Inter National /National/State / University /Zonal	Achievement
01	VTU , State level Athletic Meet	VTU, Belagavi	20th to 24th May 2023	9	State level	Participated
02	Sports day of K S Group (KSIT, KSSEM, & KSSA)	UCPE,Jnanabharathi Bengaluru	25th March 2023	600	KS Group Athletic meet	Overall team championship secured ECE Department
03	VTU, Intercollegiate Bengaluru South Division Cricket tournament (M)	DBIT, Bengaluru	9th March 2023	15	Inter-Collegiate	Participated
04	VTU, Inter Zone Cricket Selection (M)	SJCIT Chikballapur	13th Jan 2023	1	State level	Participated
05	VTU, Intercollegiate State level Power lifting Competition (M & W)	VVCE Mysore	9th & 10th Jan 2023	1	State level	Participated
06	VTU, Intercollegiate Cricket Selection (M)	DBIT Bengaluru	6th Jan 2023	2	VTU, Bengaluru South Zone Team Selection Trails	**TALLURU MAURYA , 7th CSE ,** 1KS19CS100 qualified for Inter Zone
07	VTU, Intercollegiate Base Ball Selection (M & W)	DBIT, Bengaluru	5th Jan 2023	2	VTU, Team Selection Trails	Participated
08	VTU, Intercollegiate Hand Ball Selection (W)	RVCE Bengaluru	4th Jan 2023	1	VTU, Team Selection Trails	Participated
09	VTU, Intercollegiate State level Cross-Country Event (M & W)	Sairam College of Engineering Anekal	27th & 28th Jan 2023	1	State level	Participated
10	VTU, Intercollegiate Bengaluru Division Kho-Kho tournament (W)	GAT, Bengaluru	30th & 31st Dec 2022	12	Inter-Collegiate	Participated
11	Representation of VTU, Foot Ball, Girl's tournament	Annamalai University, Annamalai Nagar, Tamil Nadu	29th Dec to 1st Jan 2022	1	South zone Inter University	**VARSHA JAYAKUMAR, 3RD ECE, 1KS21EC111 Represented VTU**
12	3rd open International Taekwondo Champion ship	Ryan International School, Yelahanka, Bengaluru.	28th to 30th Dec 2022	1	**Inter National Level**	**Tirumala Ganesh Baradwaj sharma ,** 1st Sem, ECE **Secured Gold Medal**

13	15th Senior National Dodgeball Champion ship	Shivaji Stadium, Panipat (Haryana)	28th to 30th Dec 2022	1	National Level	Dhanush P , 5th Sem , (1KS20AI009) ,AI & ML Secured 2nd Place
14	VTU, Intercollegiate State level Kho-Kho Selection (M)	SIT Tumkur	28th Dec 2022	2	State level	Participated
15	Representation of VTU, Kabaddi, Girl's tournament	AMET, University, Kanathur, Chennai.	21st to 24th Dec 2022	1	South zone Inter University	ABHILASHA. V, 3RD CSE, 1KS21CS003 Represented VTU
16	VTU, Intercollegiate Volley Ball Selection (W)	PES Mandya	16th & 17th Dec 2022	1	Inter-Collegiate	Participated
17	60th National roller-skating Inline Hockey championship	Bangalore force one skating rink	11th to 20th Dec 2022	1	National level	Pavithraa. G , 3rd Sem (1KS21CG030) , CSD Represented Karnataka
18	VTU, Intercollegiate State level Yoga Competition (M & W)	BCE, Shravanabelogala	9th & 10th Dec 2022	3	State level	Participated
19	VTU, Intercollegiate State level Chess tournament (W)	NMAMIT, Nitte	5th & 6th Dec 2022	04	State level	Participated
20	VTU, Intercollegiate Bengaluru South Zone Foot Ball tournament (M)	RNSIT, Bengaluru	5th & 6th Dec 2022	16	Inter-Collegiate	Participated
21	VTU, Intercollegiate Bengaluru Division Chess tournament (M & W)	Vemana IT, Bengaluru	1st & 2nd Dec 2022	08	Inter-Collegiate	Girls' Team Secured 5th Rank & Selected for State level
22	VTU, Intercollegiate Bengaluru Division Kabaddi tournament (W)	APSCE, Bengaluru	30th Nov &1st Dec 2022	12	Inter-Collegiate	Participated
23	VTU, Intercollegiate Bengaluru South Zone Basket Ball tournament (M)	JSSATE, Bengaluru	28th & 29th Nov 2022	09	Inter-Collegiate	Participated

24	National karate champion ship & VTU, Intercollegiate Karate Selection	Bangalore University ,UCPE, B'lore & BMSCE, Bengaluru	20th Nov 2022 & 24th Nov 2022	01	All India National ISKA Karate Champion ship & VTU, Team Selection Trails	**Ashwin , 3rd sem ECE, Participated & Secured 2nd place in National karate champion ship**
25	VTU, Intercollegiate Bengaluru South Zone **Volley Ball** tournament (M)	RVCE, Bengaluru	17th & 18th Nov 2022	12	Inter-Collegiate	Participated
26	VTU, Intercollegiate State level **Table Tennis** tournament (W)	VVCE Mysore	6th & 7$_{th}$ Nov 2022	05	State level Inter-Zone	Participated
27	VTU, Intercollegiate Bengaluru South Zone **Table Tennis** tournament (M &W)	DSATM, Bengaluru	4th & 5$_{th}$ Nov 2022	09	Inter-Collegiate	Boys' team reached up to semifinals, **Girls' team Secured 2nd Place**
28	VTU, Intercollegiate Bengaluru South Zone **Badminton tournament (M&W)**	SJBIT, Bengaluru	4th & 5$_{th}$ Nov 2022	10	Inter-Collegiate	Participated
29	VTU, Intercollegiate Bengaluru South Zone **Kabaddi** tournament (M)	KSSEM, Bengaluru	3rd & 4th Nov 2022	12	Inter-Collegiate	Participated
30	VTU, Intercollegiate State level **Swimming** Competition (M&W)	BMSCE, Bengaluru	2nd Nov 2022	2	Intercollegiate State level	Participated
31	VTU, Intercollegiate State level **Weight lifting & Best Physique Competition** (M&W)	GAT, Bengaluru	28th & 29th Oct 2022	2	Intercollegiate State level	Participated
32	National Floor ball Federation Cup	Yuvashakti Model School,Sector - 3rd, Rohini ,Delhi - 110085	2nd to 4th Oct 2022	1	National level Floor ball Federation Cup	**Vaishanav H, 8th sem, Department of Mech, Secured 3rd Place**

CULTURURAL DEPARTMENT

ANANYA 2023- ANNUAL CULTURAL FEST

ABOUT ANANYA

Ananya an annual cultural fest organized by the students of KS Institute of Technology in Bangalore, India. The fest provides a platform for students to showcase their talents in various fields such as dance, music, drama, sports, and technical events. It is a three-day event that attracts students intra college to show case their talents in their chosen fields.

This year observed Masquerade as a day 01, where men dressed up in their formal attires and female showed their elegance through their ball gowns. The event has an air of mistque surrounding it. The second day of the event celebrated Ethnic Day, which highlighted the cultural variety and unity through the vibrant and diverse ethnic backgrounds of the students.

Another remarkable performance was a mesmerizing jugalbandhi between classical and western styles of dance. It was a unique fusion that showcased the harmonious blend of two distinct dance forms. The dancers seamlessly transitioned between intricate classical movements and energetic western dance steps, creating a breathtaking spectacle.

This event highlighted the various talents from different departments. Mainly four teams participated, namely Avinya(CSE), Aghira(ECE), Marcos(Mech, CSD, CCE) and Imperium(TC, AIML, IOT). It was an exciting and vibrant part of college festivals that brought together students from various academic disciplines to showcase their talents and create a sense of unity and camaraderie. All of these branches showcased their exceptional dance skills and were judged fairly on that by **Mr. Kiran Kumar R**, who has excelled in the dance styles. He has accumulated dance experience of 7 years by working as a choreographer in dance studio rock U guys, as an assistant choreographer in 5star Ganesh dance troop as well as imparting his extensive knowledge of dance

as a teacher in various schools. Avinya's captivating dance moves were perfectly synchronised with the beat, captivating us all and getting us grooving along. Whereas Agira's moves true to their name were divine, the dancer's fluidity and control were awe-inspiring, as they effortlessly glided across the stage, captivating our hearts with their every step. Marcos displayed their agility and flexiblity through their movements and lastly, Imperium moves were divine to their core.

ACHIEVEMENTS

Fashion Show Team of KSIT

1. We feel immense pleasure to say that our fashion team THE RUNNERS of JSS FASHION EVENT. The team performed in front of audience around 800 people. The crowd went bafiled seeing the elegance in which the team members carried themselves.

2. The achieved the RUNNERS UP position at VEMANA INSTITUTE OF TECHNOLOGY and a huge response from the crowd. The team performed in front of audience around 900 people. There was a huge cheer of"Once More" from the crowd looking at our extravagant performance.

3. The hard work of every team member was illustrated with gracc and clegance as we were awarded with the RUNNERS UP. The portraying of thc fashion and the strut way of' walk impressed the judges and the crowd which went on intoncd "Once More".

4. We feel immense pleasure to say that our fashion team were THE RUNNERS of SJ.B INSTITUTE OF TECHNNOLOGY FASHION EVENT. The team performed in front of an audience of around 1000 people. The crowd went baffle seeing the elegance in which the team members carried themselves. The crowd was swooned by our performance and cheered on "Once More as we finished our performance

5. The teamwork was illustrated with confidence and elegance as we secured the WINNERS. The portrayal of the theme and the strut way of walk impressed the crowd judges and the which was a stunner. The team performed in front of an audience which was around 1200 who cheered all the way until we were awarded.

6. Sanjana G, 3rd year student of ECE Department, has participated in "Yuvothsava 2023" , the 22nd VTU Youth Fest held at Nagarjuna College of Engineering & Technology from 29thMarch to 1st April 2023 and Secured First Place (Gold Medal) in the event of 'On Spot Painting'.

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ - ಬೆಳಗಾವಿ 590018
VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"Jnana Sangama" Belagavi - 590018, Karnataka, India.
22nd VTU Youth Festival – Yuvothsava 2023

CERTIFICATE OF MERIT

Mr/Miss _____ Sanjana G _____

of _____ K S Institute of Technology _____

has participated in "Yuvothsava 2023" - 22nd VTU Youth Fest held at Nagarjuna College of Engineering & Technology from 29th March to 1st April 2023 and secured First / Second / Third place in

_____ On spot painting _____

Dr. P Puttaswamy Gowda	Mr. J Manjunath	Dr. B V Ravishankar	Dr. S Vidyashankar
Director of Physical Education	Organising Secretary	Chairman	Vice Chancellor
VTU,Belagavi	Yuvothsava	Yuvothsava	VTU,Belagavi

NSS ACTIVITIES: 2022-23

Sl No.	Events	Date	No. of students participated
1	KOTIKANTAGAYANA	28-10-2022	80
2	KANNADA RAJYOTSAVA	01-11-2022	200
3	ROAD SAFETY AWARENESS PROGRAM	22-11-2022	40
4	CONSTITUTION DAY	26-11-2022	200
5	POSTER MAKING COMPETITION	01-12-2022	100
6	MEDITATION	02-12-2022	200
7	YOGA	05-12-2022	200
8	ORIENTATTION FROM NSS TEAM	05-12-2022	600
9	FUN ACTIVITY	09-12-2022	400
10	SEMINAR ON ROAD SAFETY	17-01-2023	200
11	YUVA SAMBHASHANE WITH COMMON MAN CM	18-01-2023	60
12	FREE VACCINATION DRIVE	25-01-2023	500

Sl No.	Events	Date	No. of students participated
13	REPUBLIC DAY	26-01-2023	150
14	PROMOTION OF MENTAL HEALTH WELL-BEIING AND PSYCHO-SOCIAL COMPETENCIES IN THE COMMUNITY THROUGH NSS VOLUNTEERS	16-02-2023 & 17-02-2023	50

Achievements:

Mr. Gurudee. R. has participated in STATE REPUBLIC DAY PARADE CAMP – 2023, SOUTH ZONE PRE REPUBLIC DAY PARADE CAMP-2022, conducted from 9th to 18th November, 2022 and has participated in State level Pre RD selection camp 2022-23 held at SDM College of Ayurveda and hospital Hassan from 17th to 20th October 2022.

UNIVERSITY RESULTS – 2023

VIII SEMESTER

BRANCH	No. of Students Appeared	PASS	FAIL	% Pass
1. ME	42	42	00	100
2. ECE	105	101	04	96.19
3. CSE	118	116	02	98.31
4. ETE	12	10	02	83.33
TOTAL	277	269	08	97.11

IQAC Coordinator

Principal

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

K. S. INSTITUTE OF TECHNOLOGY BANGALORE-109

ANNUAL REPORT 2021-22

COLLEGE LEVEL EVENTS:

1. "INTERNAL SMART INDIA HACKATHON 2022" was organized by the Department of Computer Science and Engineering on 11th April 2022 at K.S. Institute of Technology, Bangalore. It is an open house event. The students from different branches had participated in this event. The event included a mentoring session by the faculty of Computer Science and Engineering department. The event was accompanied by prominent jury members consisting of Mr. Pradeep Kumar G H, Senior System Engineer, IBM and Mr. Narasimha Prasanna H N, Software developer. The best 10 teams were identified to take part in Smart India Hackathon 2022 throughout the country.

2. Department of Computer Science and Engineering hosted a Sentinel Hack 3.0 with the theme "**Multiverse of Opportunities**" in association with Board for BITES, during 20th and 21st June 2022. The event was organized by the CSE Firefox students club at K. S. Institute of Technology, Bangalor. Supporting the concept of Aatmanirbhar Bharath the brain child of our honorable Prime minister, Shri Narendra Modi. This provided a platform for the students to exhibit their coding abilities in various domains like Agriculture, Education, Cyber Security, Fintech, Healthcare and Open Innovation Category. This enabled the students to innovatively think and solve real world problems. Sixty (60) teams with over 200 participants all over Karnataka had taken part in this event that was adjudged by eminent academicians and industrialists.

3. Two days National Conference on "**Recent Innovations in Engineering – 2022**" was organized by the department of Computer science and Engineering, Electronics and Communication Engineering and Mechanical Engineering was conducted from 20th-21st June 2022. 162 papers were presented in various sessions.

4. Three FDPs and an Staff training Program was conducted during the academic year 2021-22.
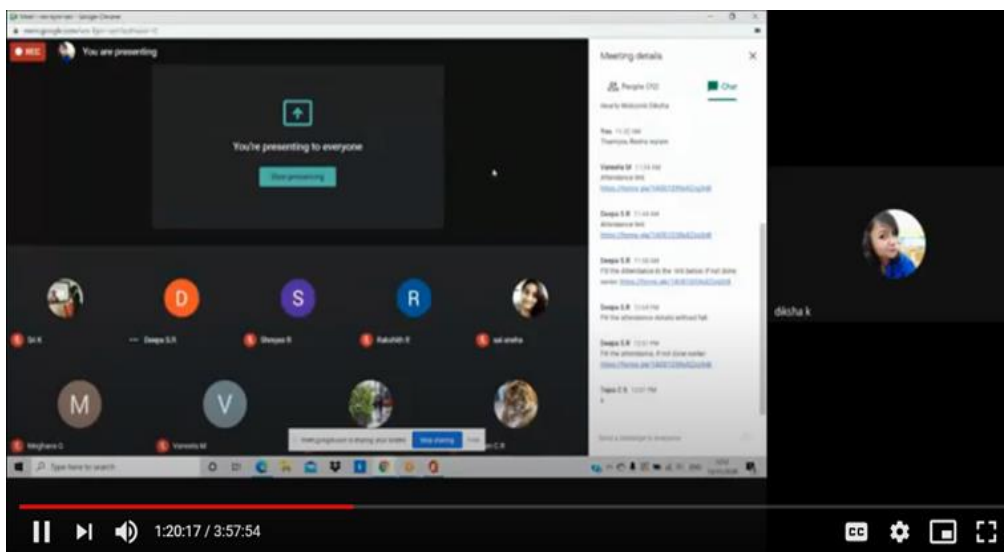
- FDP on **"Wireless Communication: A Practical Approach"** was conducted from 9th-10th October 2021.
- FDP on **"Patent Drafting: Basics"** was conducted on 17th November 2021.

- FDP on "**Outcome Based Education**" was conducted from 17th to 19th March 2022
- Three days STP on **"Capacity Building"** was conducted from 4th to 6th April 2022, for the non-teaching faculty of KSIT.
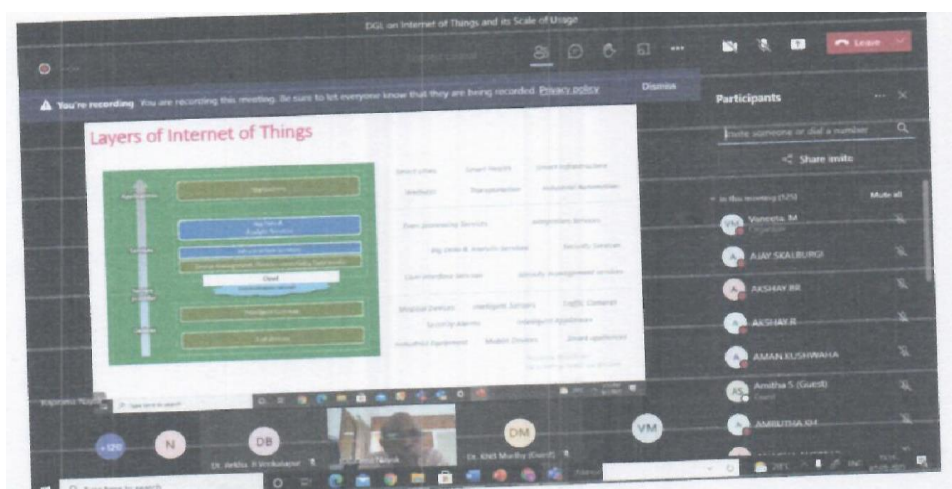
COMPUTER SCIENCE AND ENGINEERING:

Events Conducted by the Department:

1. The Department of Computer Science and Engineering in association with ISTE Organized **"Design Innovation for Successful Career in the Field of Aviation"**, on 17th Jul 2021.

2. The Department of Computer Science and Engineering in association with BITES Organized **"Internet of Things and its Scale of Usage"**, on 1st Sep 2021

3. The Department of Computer Science and Engineering Organized Seminar **"Microsoft**

Certification", on 25th Oct 2021.

4. The Department of Computer Science and Engineering in association with BITES Organized a Distinguished Guest Lecture **"Design Thinking and Innovation"** on 24th Nov 2021

5. The Department of Computer Science and Engineering in association with Alumni Banner Organized talk on **"Entrepreneurship"** on 26th Nov 2021.

6. The Department of Computer Science and Engineering in association with BITES and TCS Organized **"13th Edition of the Engineering IT Quiz - TCS TechBytes 2022"** on 19th February 2022.

7. The Department of Computer Science and Engineering in association with IEEE, IETE, CSI Organized Faculty Development Program "**Outcome Based Education"** on 17th and 18th March 2022.
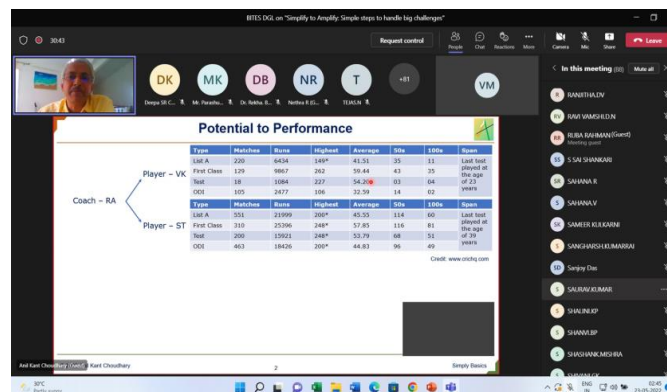

8. The Department of Computer Science and Engineering Organized Staff Development Programme **"Capacity Building",** on 4th to 6th April 2022. Resource person Dr. V Ragh, Principal, Silicon City College of Management & Commerce, Bengaluru.

9. The Department of Computer Science and Engineering Organized **"Internal Smart India Hackathon 2022 (Github Hackathon)",** on 11th April 2022.

10. The Department of Computer Science and Engineering in association with BITES Organized a Distinguished Guest Lecture on **"Simplify to Amplify: Simple Steps to Handle Big Challenges"** on 23rd May 2022.

11. The Department of Computer Science and Engineering organized workshop on "**C++: Try Learn It"** on 24th and 25th May 2022.

12. The Department of Computer Science and Engineering Organized a technical talk on "**Research Paper Writing and Ethics"** on 8th June 2022.

13. The Department of Computer Science and Engineering organized "**Sentinel Hack 3.O**", on 20th and 21th June 2022.

14. The Department of Computer Science and Engineering in association with BITES, IEEE, AICTE – SPICES and CSI organized "**National Conference- Recent Innovations in Engineering – 2022",** on 23rd to 24th June 2022.

15. The Department of Computer Science and Engineering in association with AICTE – SPICES and CSI, Organized "**Mini Project Exhibition",** on 25th June 2022.

16. The Department of Computer Science and Engineering in association with BITES, IEEE, AICTE – SPICES and CSI, Organized " **Project Exhibition",** on 25th June 2022.

Events attended by Faculty:

1. **Mr. Kumar K** attended a FDP on "**Multi – Technology" organized by** Dr. Rajendra Gode Institute of Technology & Research, Amaravati from 28th June to 3rd July 2021.
2. **Mr. Kumar K** attended Webinar on "**Atmanirbhar Bharat"** organized by Siddaganga Institute of Technology on 2nd July 2021.
3. **Dr. Vaneeta M** attended a FDP on "**Practical insight into key concepts of Blockchain"** organized by AICTE, New Delhi from 12th to 16th July 2021.

4. **Dr. Deepa S R** attended a FDP on "**Machine Learning Frontiers in Healthcare**" organized by AICTE, New Delhi from 26th to 30th July 2021.

5. **Dr. Vijayalaxmi Mekali** attended Workshop on "**IOT & Robotics Workshop – Learn to Build the Future**" organized by HKBKCE from 30th July to 1st Aug 2021.

6. **Dr. Vijayalaxmi Mekali** attended FDP on "**Emerging Trends in Computation**" organized by **M S Ramaiah Institute of Technology** from 2nd to 6th Aug 2021.

7. **Dr. Vaneeta M** attended a FDP on "**Emerging Trends in Computation**" organized by MSRIT from 2nd to 6th Aug 2021.

8. **Dr. Deepa S R** attended a FDP on "**Emerging Trends in Computation**" organized by MSRIT from 2nd to 6th Aug 2021.

9. **Dr. Vijayalaxmi Mekali** attended FDP on "**Research Innovation & Recent Trends in Electrical & Electronics Engg**" organized by **SJBIT** from 16th to 20th Aug 2021.

10. **Dr. Deepa S R** attended FDP on "**Research Innovation & Recent Trends in Electrical & Electronics Engg**" organized by **SJBIT** from 16th to 20th Aug 2021.

11. **Mrs. Beena K** attended FDP on "**Research Innovation and Recent Trends in E&EE**" organized by SJBIT from 16th to 20th Aug 2021.

12. **Mrs. Ranjitha K N** attended FDP on "**Research Innovation and Recent Trends in E&EE**" organized by SJBIT from 16th Aug to 20th Aug 2021.

13. **Mrs. Beena K** attended FDP "**Feature Engineering in Data Science & Deep Learning Models**" organized by GAT on 25th to 29th Aug 2021.

14. **Mrs. Rashmi H** attended Training Program "**Feature Engineering in Data Science & Deep Learning Models**" organized by GAT on 25th to 29th Aug 2021.

15. **Mrs. Pallavi K N** attended Training Program "**Feature Engineering in Data Science & Deep Learning Models**" organized by GAT on 25th to 29th Aug 2021.

16. **Mrs. Ranjitha K N** attended FDP on "**Feature Engineering in Data Science & Deep Learning Models**," organized by GAT from 25th Aug to 29th Aug 2021.

17. **Mrs. Beena K** attended FDP on "**Mathematics in AI ML and DL**" organized by KLE Institute of Technology, Hubli from 1st Sep to 5th Sep 2021.

18. **Dr. Deepa S R** attended FDP on "**Artificial Intelligence and Machine Learning**" organized by RNSIT from 29th Sep to 1st Oct 2021.

19. **Dr. Deepa S R** attended a Webinar on "**Insights of Paper publication**" organized by CSI, Kancheepuram Chapter on 29th January 2022.

20. **Mrs. Geetha R** attended on Faculty Development Programme on **"Thrust areas in Artificial Intelligence: A Multidisciplinary Approach"** organized by JSS Mahavidyapeetha, Mysuru from 7th to 11th February 2022.

21. **Dr. Deepa S R** attended a Webinar on **"Outcome Based Education"** organized by CSI, Kancheepuram Chapter on 12th February 2022.

22. **Mrs. Geetha R** attended on Training Programme on **"An overview of Teaching Techniques in mathematics laboratory using Python Programming"** organized by AICTE-VTU Joint Teachers Training Program, VTU from 21st to 25th February 2022.

23. **Dr. Vaneeta M** attended on Faculty Development Programme on **"Quantum Computing: Challenges and Opportunities"** organized by Meerut Institute of Engineering & Technology, Meerut, UP from 28th February to 5th March 2022.

24. **Mrs. Rashmi H** attended on Training Programme on **"Universal Human Values – An Overview"** organized by VTU Human Resource Development Centre (VTU-HRDC), VIAT, Muddenahalli, Chikkaballapur from 2nd to 6th March 2022.

25. **Dr. Deepa S R** attended a Webinar on **"Types and Functions of Copywriting"** at VVCE, Mysore on 14th March 2022.

26. **Dr. Deepa S R** attended a Webinar on **"Digitalization in Learning Technology"** at VVCE, Mysore on 15th March 2022.

27. **Dr. Deepa S R** attended a Webinar on **"Development of Motion Capture Technology and Implementation on Animation"** at VVCE, Mysore on 16th March 2022.

28. **Dr. Rekha B Venkatapur** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

29. **Mr. Harshavardhan J R** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

30. **Dr. Deepa S R** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

31. **Dr. Vaneeta M** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

32. **Dr.Vijayalaxmi Mekali** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

33. **Mr. Sanjoy Das** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

34. **Mr. Roopesh Kumar B N** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

35. **Mr. Kushal Kumar B N** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

36. **Mr. Kumar K** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

37. **Mr. Raghavendrachar S** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

38. **Mr. Krishna Gudi** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

39. **Mr. Prashanth H S** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

40. **Mr. Beena K** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

41. **Mr. Manoj Kumar S** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

42. **Mrs. Geetha R** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

43. **Mrs. Pallavi K N** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

44. **Mrs. Rashmi H** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

45. **Mrs. Pavithra J** attended on Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17th to 19th March 2022.

46. **Mrs. Pallavi K N** attended on Faculty Development Programme on **"Introduction to Research"** organized by NPTEL- AICTE from February to April 2022.

47. **Dr. Rekha B Venkatapur** attended on Faculty Development Programme on **"ICT Tools for innovative Teaching & Learning Process"** organized by RVITM, Bengaluru from 28th March to 1st April 2022.

48. **Dr. Vaneeta M** attended on Faculty Development Programme on **"ICT Tools for innovative Teaching & Learning Process"** organized RVITM, Bengaluru from 28th March to 1stApril 2022.

49. **Dr. Vijayalaxmi Mekali** attended on Faculty Development Programme on **"ICT Tools for innovative Teaching & Learning Process"** organized by RVITM, Bengaluru from 28th March to 1st April 2022.

50. **Mrs. Geetha R** attended on Faculty Development Programme on **"ICT Tools for innovative Teaching & Learning Process"** organized by RVITM, Bengaluru from 28th March to 1st April 2022.

51. **Mrs. Pallavi K N** attended on Faculty Development Programme on **"ICT Tools for innovative Teaching & Learning Process"** organized by RVITM, Bengaluru from 28th March to 1st April 2022.

52. **Mrs. Rashmi H** attended on Faculty Development Programme on **"ICT Tools for innovative Teaching & Learning Process"** organized by RVITM, Bengaluru from 28th March to 1st April 2022.

53. **Mrs. Vimala Kumari V** attended on Staff Training Programme on **"Capacity Building"** organized by KSIT, Bengaluru from 4th to 6th April 2022.

54. **Mr. S Om Prakash** attended on Staff Training Programme on **"Capacity Building"**organized by KSIT, Bengaluru from 4th to 6th April 2022.

55. **Mr. Babu G** attended on Staff Training Programme on **"Capacity Building"** organized by KSIT, Bengaluru from 4th to 6th April 2022.

56. **Mrs. Divya R G** attended on Staff Training Programme on **"Capacity Building"** organized by KSIT, Bengaluru from 4th to 6th April 2022.

57. **Mrs. Akshatha M** attended on Staff Training Programme on **"Capacity Building"** organized by KSIT, Bengaluru from 4th to 6th April 2022.

58. **Mrs. Geetha T** attended on Staff Training Programme on **"Capacity Building"** organized by KSIT, Bengaluru from 4th to 6th April 2022.

59. **Mrs. Lokamani** attended on Staff Training Programme on **"Capacity Building"** organized by KSIT, Bengaluru from 4th to 6th April 2022.

60. **Dr. Deepa S R** attended on Faculty Development Programme on **"Cyber Security and Blockchain Technologies"** organized by East Point College of Engineering and Technology, Bengaluru from 5th to 9th April 2022.

61. **Dr. Rekha B Venkatapur** attended a Workshop on **"Fine Tuning of NEP Compliance Syllabus – Disciplines under CSE Board of VTU"**at SJCIT on 20th April 2022.

62. **Dr. Rekha B Venkatapur** attended a Webinar on **"Getting Started with Data science"** at Infyni on 23rd April 2022.

Publications in International Journals:

1. **Dr.Rekha B Venkatapur**, "OBJECT DETECTION ON PANORAMIC IMAGES USING YOLOv5" 8th International Mardin Artuklu Scientific Researches Conference, 4th to 6th, 2022 / Mardin, Turkey, organized by Institute of Economic Development & Social Researches.

2. **Dr.Rekha B Venkatapur**, **"A Survey on Object Detection Techniques in Panoramic images and Videos"** International Korkut Ata Scientific Researches Conference June 28th to 30th June 2022, Osmaniye, Turkey, OsmaniyeKorkut Ata Univesity**.**

3. **Dr.Rekha B Venkatapur**, **Somasekhar T** "**Quality Assessment System for Air Pollution Control in India through calibration and Machine Learning Algorithm**" International Conference on Intelligent Systems & Computation (ICISC – 2022),6th to 7th May 2022, at Poornima Institute of Engineering & Technology, Jaipur.

4. **Dayananda R B, R Ramya, Vedavedya B H, Veera Sreenidhi, Venkatesh M N** "**Survey on Diabetes Prediction Using Different Machine Learning Approaches**" International Journal of Creative Research Thoughts An International Open Access, Peer-reviewed, Refereed Journal (IJCRT) on May 2022, ISSN-2320-2882.

5. **Dr.Rekha B Venkatapur, Shashank Mishra, Maddula Jitendra, Saurav Kumar, Arvind Pathak**, "**A Survey on Anti-Keylogger**" International Journal of Current Science An International Open Access, Peer-reviewed, Refereed Journal (IJCSPUB) on April 2022, ISSN-2250-1770.

6. **Dr. Rekha B Venkatapur "Intelligent Surveillance System to detect Moving Drones Equipped with Weapon Payloads"** Journal of Optoelectronics Laser, Scopus, ISSN-0086, vol:41, issue 09, PP: 57, 2022, wit DOI: 10050086.2022.09.64.

7. **Dr. Rekha B Venkatapur "Automatic Tracking of Objects Using Improvised Yolov3 Algorithm and Alarm Human Activities in case of Anomalies"**, International Journal of Information Technology, ISSN(2511-2112), SPRINGER, 2022, with DOI: 10.1007/s41870-022-01062-0.

8. **Dr. Rekha B Venkatapur "An Adaptive YOLO Object Detection Model for Autonomous Driving System"**, Journal of Huazhong University of Science and Technology, ISSN-1671-4512,

vol 50, Issue 4.

9. **Dr. Rekha B Venkatapur "A SURVEY ON ANTI - KEYLOGGER"**, International Journal of Current Science (IJCSPUB), www.ijcspub.org © 2022 IJCSPUB | Volume 12, Issue 2 April 2022 | ISSN: 2250-1770, 2ⁿᵈ April 2022.

10. **Mr. Raghavendrachar S, Sunaina Nayak, Vishnupriya D, Ruba Abdul Rahman, Krithika K N** "**Wearable Safety Device for Children**" International Journal for Research in Applied Science & Engineering Technology (IJRASET) on April 2022, ISSN-2321-9653.

11. **Mr. Krishna Gudi, Monica S, Aruna P, Dhruv Jyoti Shukla, Dhanlakshmi B, "Movie Recommendation System using ML"**, Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162.

12. **Raksha S, Samhitha, Raipalle Shreyaa, Pranav M S** "**Survey on Blockchain-based Anonymous Tip-off system**" International Journal of Innovative Science and Research Technology (IJISRT) on April 2022, ISSN-2456-2165.

13. **Mr. Raghavendrachar S, Poojashree K, Preethi K, Rekha N C, Shalini S** "**A New IoT Gateway for Smart Agriculture**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162

14. **Prashanth H S, R Dekshitha, Swetha Bijjanapalli, Yogita Raikar, T Hemanth Chowdary** "**Survey on Personal Assistant for Visually Impaired**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162.

15. **Mr. Krisna Gudi, Anushruti Singh, Bhuvana Chandrika G, Kandimalla Krishna Pavithra, Vinuthna Vani Kovvuru,** "**LitWit-Learning with Understanding**" on April 2022 Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), ISSN-2349-5162.

16. **Dr. Deepa S R , Goutham M, Dhananjaya S, Kiran V Dambal, Ganesh A** "**A Survey on Hard Gesture Recognition for Differently Abled People**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162.

17. **Mrs. Pallavi K N ,Praveen Kumar K,P Sai Ram, Rakshith Kumar N, Pavan P** "**Blockchain Based E Voting System**" Journal of Emerging Technologies and Innovative Research An

International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162.

18. **Mrs. Beena K, Shivangi Srivastava, Subhashini R, Vijayashree N R, "E-HIRE"** Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162.

19. **Mrs. Sougandhika Narayan , Yashwanth K, Sudhakar Yashwanth, Pateek Havale, Vinod H Malali "Face Mask Detection"** Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) April 2022 ISSN-2349-5162.

20. **Mr. Roopesh Kumar B N, Likitha S, Bhagyashree V, Bi Bi Ayesha, Shalini K P "Dataset Shift Quantification for Credit Card Fraud Detection using Machine Learning"** International Journal of Current Science An International Open Access, Peer-reviewed, Refereed Journal (IJCSPUB) on April 2022, ISSN-2250-1770.

21. **Dr. Vijayalaxmi Mekali , Chaitra K, Meghashree A, Bhoomika H, Lavanya C R, "Detection and Segmentation of Corona Virus Infected Region of Lung in CT images by using Deep learning approach"** Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162.

22. **Dr. Vijayalaxmi Mekali , Mahesh B V, Manikonda Tharun, L Sharandeep Chowdary, "Visualizing and Forecasting Stocks Using Dash"** Journal of Emerging Technologies and Innovative Research , An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on April 2022, ISSN-2349-5162.

23. **Mrs. Beena K , Ranjitha H D, Sushmita B K, Ramya R, Bhavyasgree R, "Research on AI-Based System for COVID-19 Prevention"** Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on March 2022, ISSN-2349-5162.

24. **Mr.Harshavardhan J R, Shashank G, Harshith C Prasad, Gunal Binani, Bhagawat Gowtam "Survey on Developing a Secured E-Commerce Application for Purchasing Electric Vehicles"** Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on March 2022, ISSN-2349-5162.

25. **Dr.Dayananda R B, Anuhya Kulkarni,, Madhusudhan G,Pavithra K R, Prerana D S, "Suspect Identification Alert System"**, Journal of Emerging Technologies and Innovative

Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on March 2022, ISSN-2349-5162.

26. **Mr.Kushal Kumar B N , B R Gagan, Shivprakash T, Vaishak P, Thirumalai Shaktivel** "**Design of a New Language seeks Literature Survey**" International Journal for Research in applied Science &amp, Engineering Technology (IJRASET) on March 2022, ISSN-2321-9653.

27. **Mrs.Swapna G, Adarsh K, Aniketh H, Latha V, M Sreelakshmi** "**Diwali Sales Prediction Using Machine Learning**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on March 2022 ,ISSN-2349-5162.

28. **Roopesh Kumar B N, R Soumya, Sri Chandana P, Vijetha, Sushmitha S** "**Survey on Enhancing the performance of Antiphishing Mechanism using Machine Learning**" International Advanced Research Journal in Science, Engineering and Technology (IARJSET) on March 2022, ISSN (O)-2393-1588 ISSN (P)-2394-1588.

29. **Mrs.Geetha R , Avinash Prasad, Karthik K, Kavitha Chaudhary, Shewani Chib,** "**Survey on Art Gallery with E- Commerce**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on March 2022, ISSN-2349-5162.

30. **Mrs.Pavithra J, Kilari Jaswanth, Kencham Arun, B Deva Deekshith, Kilari Ashwik,** "**Analyzing and Predicting Outcomes of IPL Cricket Data**" International Research Journal of Engineering and Technology (IRJET) on March 2022, e-ISSN-2395-0056 p-ISSN-2395-0072.

31. **Mrs.Rashmi H, Narasinha Maiya G S, Gaganasuri M S, Maharaj S, Nikil B S** "**Survey on Chronic Kidney Disease Prediction using Machine Learning**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on March 2022, ISSN-2349-5162.

32. **Mrs.Geetha R , Aritra Ray, Saurav Suman, Sovik Mandal,** "**Chrome Extension for Dropdown Code Editor**" Journal of Emerging Technologies and Innovative Research " An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on March 2022, ISSN-2349-5162.

33. **Dr.Deepa S R, R Pratiksha, Sourabh Santosh Kamble, Sudhanshu Joshi, Sujay G S,** "**Bird Species Identification –A Survey**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on March 2022, ISSN-2349-5162.

34. **Mrs. Sougandhika Narayan, Mikkin K M, Madhusudhan S R, Nagarujun N, Lokesh R** "**Survey on Rice Leaf Disease Detection using Machine Learning and Deep Learning Techniques**", Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), ISSN-2349-5162.

35. **Mr.Roopesh Kumar B N, Nitish Kumar M R,Sandeep Kumar, Pullur Pavan Kumar, Vijay N S** "**Anti-Poaching Detection System For forests**" International Advanced Research Journal in Science, Engineering and Technology (IARJSET) on March 2022, ISSN (O)-2393-8021, ISSN (P)-2394-1588.

36. **Dr.Vaneeta M Sindu A S,Supreetha G, Varidhi Madhuranath, Vyjayanthi K S**, "**Survey on Food Trace Using BLOCKCHAIN**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) on February 2022, ISSN-2349-5162.

37. **Mr. Kumar K, Amaravathi M, Chandan Kumar, Likhitha N, Nandini J K** "**Forest Fire Susceptibility Using Neural Network**" International Advanced Research Journal in Science, Engineering and Technology (IARJSET) on February 2022, ISSN (O)-2393-8021, ISSN (P)-2394-1588.

38. **Mr. Harshavardhan J R, Manvith P, Md Sujan, Nikhil Vasan**, "**Survey Paper on Online Whiteboard –A Web App for online whiteboard sessions**" on February 2022, ISSN-2394-1588.

39. **Dr.Vaneeta M, Ashwini J, Kruthika S Vasisht, Nikitha M, Srividya H R**, "**Survey on Industrial Air Quality Management System**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) ISSN-2349-5162, March 2022.

40. **Mr. Manoj Kumar S , Priyanka E, Sri Hari B Sondur, Sanjay D Hebbar,** "**Depression Analysis**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) ISSN-2349-5162, 2022.

41. **Mr.Manoj Kumar S , Brijesh S, Nikhil M, Narasimha Raju R, Rayyaan Mohiaddin** "**Airfare Prediction using Machine Learning**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) ISSN-2349-5162, 2022.

42. **Mrs. Rashmi H, Zaina Khan, Noor Sumaiya, Rithana N Raj** "**Optical Heart Rate Detection Via Webcam**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR) ISSN-2349-5162, 2022.

43. **Dr. Rekha B Venkatapur, Pujari Vishnupriya, Dandu Niharika, N Sai Jahanavi, Bhavani K G** "**Morse Code Security**" International Journal of Current Science An International Open Access, Peer-reviewed, Refereed Journal (IJCSPUB), ISSN-2250-1770, 2nd April 2022.

44. **Mr. Raghavendrachar S, Y Mrudula Jain, Akshay B R, Karthik P H, Sahana V** "**Human Dermis Cancer Detection**" Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), ISSN-2349-5162, April 2022.

Achievements by Faculty:

Paper Reviewer

1. **Dr. Deepa S R** invited as reviewer for "**Interference Minimization and Proportional Fairness Scheduling in D2D Communication Networks using Multi- Objective Gradient Based African Buffalo Optimization Algorithm**", Scopus Indexed Journal-Wireless Networks, Springer on Aug 2021.

2. **Dr. Rekha B Venkatapur,** invited as a reviewer for **"International Mardin Artuklu Scientific Researches Conference"** organized by Mardin, Turkey on 4th June 2022.

Session Chair

1. **Dr. Rekha B Venkatapur,** invited as a session chair for**"International Conference on Frontiers in Engineering, Management and Science (ICFEMS – 2022)"**organized APSCE, Bangalore on 27th and 28th April 2022.

2. **Dr. Rekha B Venkatapur,** invited as a session chair for **"8th National Conference on Advancements in Information Technology (NCAIT – 2022)"** organized JSSATE, Bangalore on 16th June 2022.

3. **Dr. Rekha B Venkatapur,** invited as a session chair for**"National Conference"** organized DSATM, Bengaluru on 28th June 2022.

4. **Dr.Vijayalaxmi Mekali,** invited as a session chair and reviewer for **"National Conference on Computing Technology – 2022"**organized by RNSIT, Bangalore on 30th June 2022.

Appreciation

1. Mrs. Beena K appreciated as "**Best Supporting Co-Ordinator"** by **Prinston Smart Engineers** on Feb 2022.

Achievements by Students:

1. **Dhananjaya S and Gautham M**, won the second prize of the event **"Hackfest-2021"** organized by ATMECE, Mysuru on 2nd to 3rd July 2021.

2. **Pranav M. S, Raksha S, Samhitha, Suraj Jawoor** won 3rd Rank with a cash prize of Rs.1,00,000 of the event **"Aadhar Hackathon 2021"** organized by UIDAI from 28th to 31st October 2021.

Pranav M. S, Raksha S, Samhitha, Suraj Jawoor are felicitated by Shri Rajeev Chandrasekhar with awards and certificates during the valedictory session of the **Aadhar Hackathon 2021**.

3. **Chaitanya Shivaraju** has got Certificate of Excellence at ECELL Ambassador Program in Udgam IIT, Guwahati on 14th January 2022.

4. **Mythreyi U** has got Certificate of Excellence at ECELL Ambassador Program in Udgam IIT, Guwahati on 14th January 2022.

5. **N P Shashanka Rao** has got Certificate of Excellence at ECELL Ambassador Program in Udgam IIT, Guwahati on 14th January 2022.

6. **Shrividya N** awarded as Rising Start at BTC Boston Technology on 19th January 2022.

7. **Keerthan S Gowda** Student Coordinator participated at FKCCI, Bangalore on 18th February 2022.

8. Lisha C, Winner of the event **"KSGI Parisara 5K Marathon"** organized by KSIT .Dept OF ECE, Benguluru on 4th June 2022.

9. **Trupthi.G.B, Sushmitha K, Lisha C, Nagashree A, Harshitha P, Likitha N, Lisha C** has secured Winners up place in Inter Collegiate Bangalore South Zone Throball(w) from Visvesvaraya Technological University held on 6th and 7th June 2022.

10. **Ajay, Darshan, Kushal K, Prajwal, Keerthi, Dhanush, Raksha, Samhitha, Pavithra, Shirisha, Ashika, Lisha** secure second place in Fashion Show, Pranathi 2K22 organized by Jyothy Institute of Technology on 16 June 2022.

11. **Ajay, Darshan, Kushal K, Prajwal, Keerthi, Dhanush, Raksha, Samhitha, Pavithra, Shirisha, Ashika, Lisha** secure First place in Fashion Show organized by JSS on June 2022.

12. **Ajay, Darshan, Kushal K, Prajwal, Keerthi, Dhanush, Raksha, Samhitha, Pavithra, Shirisha, Ashika, Lisha** secured Second place at GAT on June 2022.

13. **Lisha C** secured second place in SHOTPUT at Annual Athletic Meet, KSIT on June 2022.

14. **Naveen K M** is a winner of AICTE-SPICES, mini project exhibition at KSIT, Dept of CSE on June 2022.

15. **R V Yashvanth** is a winner of AICTE-SPICES, mini project exhibition at KSIT, Dept of CSE on June 2022.

Patent Publications by Faculty:

1. **Mr. Kushal Kumar B. N**, Title of Invention **"Learning Long Term Model for Prediction of Air Pollution Causing Pollutants for Bengaluru Environment"** Intellectual Property India, applied on 14th July 2021 and granted with CBR no 25701.

2. **Dr. Deepa S. R and Dr.Vaneeta M**, Title of Invention **"Ceiling Fan"** design patent, Patent Office Government of India, applied on 26th October 2021 and granted with Design No 352085-001.

3. **Mrs. GEETHA R,** Title of Invention "**Text Summarization and Dimensionality Reduction Using Learning Approach**" on 4th March 2022 with IPR No. 202221011723.

4. **Mr. Harshavardhan J R,** Title of Invention "**IOT Based Low Cost Effective Public Transport Crowd Monitoring System**" on 25th May 2022 with IPR No. 202211030059.

5. **Mr. Kushal Kumar B N and Mr. Harshavardhan J R,** Title of Invention "**Machine Learning Based Approach to Detect the Quality of Styripped Watermelon**" on 4th June 2022 with IPR No. 202241032097.

Funded projects:

1. The project titled **"Voice Based E-Prescription"** carried out by final year students **Ms. Krithika Jagannath (1KS17CS036), Mr. Abhishek Gowda M V (1KS17CS002), Ms. Meghana G**

(1KS17CS042) and Mr. Ashish Amar (1KS17CS013) under the guidance of **Dr. Rekha B Venkatapur** was selected for **VTU Financial Assistance** for Innovative Projects of Final Year UG Students-2021 and received Financial Assistance of **Rs. 5000**.

2. The project titled **"Be My Book -You hear what you choose to read"** carried out by Final year students **Ms. Amogha Manjunatha K (1KS17CS006, Ms. Sakshi Kumari (1KS17CS071), Ms. Srikala K M (1KS17CS083) and Ms. Swati Pai (1KS17CS089)** under the guidance of **Dr. Ram P Rustagi** was selected for **VTU Financial Assistance** for Innovative Projects of Final Year UG Students-2021 and received Financial Assistance of **Rs. 5000.**

3. The project titled **"Reading physical book for visually impaired person through voice over navigation system"**, carried out by Final year students **Ms. Amogha Manjunatha K (1KS17CS006, Ms. Sakshi Kumari (1KS17CS071), Ms. Srikala K M (1KS17CS083) and Ms. Swati Pai (1KS17CS089)** under the guidance of Dr. Ram P Rustagi was selected for **Karnataka State Council for Science and Technology**: 44th Series of Student Project Programme-2021 and received grant of **Rs. 5000.**

4. The project title **"Spice Project"** by Dr. Deepa S R, Mrs. Beena K received **Rs. 100000** financial assistance from **AICTE-SPICES** on May 2022.

5. The project titled **"Tamper-Proof Air Quality Management System"** carried out by Final Year students **Ms. Ashwini J, Ms. Kruthika, Mr. Vasishta, Ms. Nikitha M, Ms. Srividya H.R** under the guidance of **Dr. Vaneeta M** was selected for **Karnataka State Council for Science and Technology** May 2022 and received grant of **Rs.3500.**

Recognition:

1. **Dr. Rekha B Venkatapur** appointed as a member of "The Board of Studies in Computer Science and Engineering (CSE/ISE)"of Visvesvaraya Technological University, Belagavi for the duration 2019-2022 and prepared **CSE**, **AI-DS UG syllabus** and submitted to BoS chairman. She also completed VTU Ph. D Course work syllabus setting for Computer Science and Engineering - group (1-6) for the academic year 2020-2023.

2. **Dr. Ram P Rustagi** appointed as a "Chairman/Member of Constitution of Board of Examiners" of Visvesvaraya Technological University, Belagavi for the duration 2020-2021.

3. **Dr. Ram P Rustagi**, Professor and KRP, KSGI is a Chief Technical Advisor/Consultant. He provides Technical Guidance in Engineering Design and Development for Funding Agency - Personal Air Quality Systems (PAQS) Pvt Ltd, for the duration of year 2021-2022 .

4. **Dr. Rekha B Venkatapur** is Doctoral Committee Member of VTU research centers such as BMS College of Engineering research center, Dayananda Sagar College of Engineering, East West Institute of Technology, JSS Academy of Technical Education, K S School of Engineering and Management, K S Institute of Technology, Bangalore.

100% Result with Subject:

1. Mr. Harshavardhan J R   System Modelling and Simulation(17CS834)
2. Mr. Kumar K   System Modelling and Simulation(17CS834)
3. Mr Krishna Gudi(V B)   Management and Entrepreneurship for IT Industry(18CS51)
4. Dr. Vaneeta M   Big Data Analytics(18CS72)
5. Mr. Parashuram A K   Energy and Environment(18ME751)

ELECTRONICS AND COMMUNICATION ENGINEERING:

Events conducted by the Department:

1. The Department of Electronics and Communication Engineering organized a Webinar on **"Recent Development in AI,ML & DL Implementations for Smart Intelligent Systems"**by Dr.Pavithra.G ,Associate Professor,Dept.of ECE,Dayanandasagar College of Engineering,Bangalore in association with IETE on 2nd July 2021.

2. The Department of Electronics and Communication Engineering organized **"Digital Signal Processing Applications Using MATLAB"** by Mr.Rakshith BS-Senior Application Engineer CoreEl in association with IEEE-KSIT on 5th July 2021.

3. The Department of Electronics and Communication Engineering organized a Guest Lecture on **"Health and Stress Management for Students during covid-19"** by Mrs. Shanmugapriya V S, Nutritionist,Counselling trainer in association with ASH committee/IEEE-WIE on 6th July 2021.
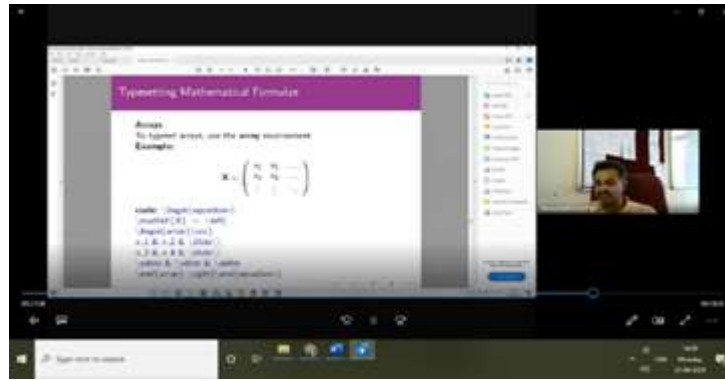

4. The Department of Electronics and Communication Engineering organized a Workshop on "**Programming Logic"** by Dr.P.Joy Prabhakaran,Professor,Dept.of ECE,KSIT in association with IEEE-KSIT from 16th July to 17th July 2021.

5. The Department of Electronics and Communication Engineering organized a Guest Lecture on **"Writing research Proposals for funding"** by Dr. Swamy, Professor, Department of IEM JSS Academy of Technical Education, Bangalore on 27th August 2021.

6. The Department of Electronics and Communication Engineering organized a Webinar on **"Basic Latex:Documentation Software"** by Dr. V N ManjunathAradhya, Head Dept. of Computer Applications, J.S.S. Science and Technology University, Mysuru on 27th September 2021.

7. The Department of Electronics and Communication Engineering organized a Guest Lecture on **"Indian Woman Scientist's Association (IWSA): Funding Opportunities"** by Dr. Savithri Bhat Convener, IWSA, Bangalore Branch on 12th November 2021.

8. The Department of Electronics and Communication Engineering organized FDP on **"Patent Drafting: Basics"** by Dr. Rekha N, Associate Professor, Dept. of ECE, K. S. Institute of Technology, Bangalore on 17th November 2021.

9. The Department of Electronics and Communication Engineering organized **"IEEE Day Celebration"** IEEE-KSIT,IEEE-WIE,IEEE-SPS KSIT on 5th october 2021.

10. The Department of Electronics and Communication Engineering organized **"IEEE Day Quest"** in association with IEEE-KSIT,IEEE-WIE,IEEE-SPS KSIT on 23rd October 2021.

11. The Department of Electronics and Communication Engineering organized **" Valedictory function"** of IEEE KSIT on 23rd October 2021.

12. The Department of Electronics and Communication Engineering organized Talk on

"Careers Space and Technology" by Sri V. Ramachandra and Sri Akhil Mohan was held on 29th November 2021.

13. The Department of Electronics and Communication Engineering organized **"EUPHORIA"** by IEEE-KSIT on 11th Feb 2022.

14. The Department of Electronics and Communication Engineering organized a talk on **"Power of well being and Mindfullness"** by Dr.Priyanga, wellness Advisor, Asst.Prof. RVITM,Bangalore in association with ASH ,IEEE-WIE on 11th March 2022.

15. The Department of Electronics and Communication Engineering organized an event on **"Women's Day Celebrations 2022"**in association with IEEE-KSIT on 11th March 2022.

16. The Department of Electronics and Communication Engineering organized FDP on **"OUTCOME BASED Education"** by Dr.S.Bhaskar, Head Office of PG Studies, Kumaraguru College of Engineering and technology,Coimbatore from 17th-19th March 2022.

17. The Department of Electronics and Communication Engineering organized **"INNOVACEEA 5.0"** in association with IEEE-KSIT on 22nd April 2022.

18. The Department of Electronics and Communication Engineering organized Three days STP on **" CAPACITY BUILDING"** by Dr. V Ragh, Principal, Silicon city College of Management & Commerce, Bengaluru from 4th-6th April 2022.

19. The Department of Electronics and Communication Engineering organized Guest Lecture on **"TECHNOLOGY AND ETHICS"** by Dr. Srinivas Padmanabhuni, CTO and Co-Founder, TestAIng.com in association with IETE & Research Forum on 30th April 2022.

20. The Department of Electronics and Communication Engineering organized a Guest Lecture on **"Basics of Writing Research Article"** by Dr.Surekha Borra,Professor,ECE Dept. ,KSIT in association with Antariksh Club of KSIT,IETE and Research Forum on 18th May 2022.

21. The Department of Electronics and Communication Engineering organized **"Project Exhibition-2022"** in association with IEEE-KSIT, IETE, IEI,ISTE on 25th May 2022.

22. The Department of Electronics and Communication Engineering organized **"Mini Project Exhibition"** in association with IEEE-KSIT,ISTE,IEI on 25th May2022 .

23. The Department of Electronics and Communication Engineering organized **"5K Marathon-KSGI Parisara "** in association with IEEE-KSIT on 4th June 2022.

24. The Department of Electronics and Communication Engineering organized **"World Environmental Day "**in associatin with IEEE-KSIT & NSS on 6th June 2022 .

25. The Department of Electronics and Communication Engineering organized **"National Conference on Recent Innovations in Engineering-NCRIE-2022"** in association with IEEE-KSIT,IETE,IEI,ISTE on 23rd and 24th June 2022.
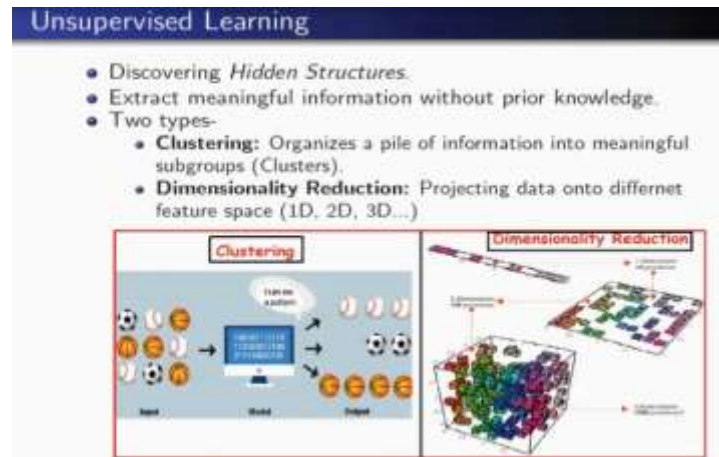

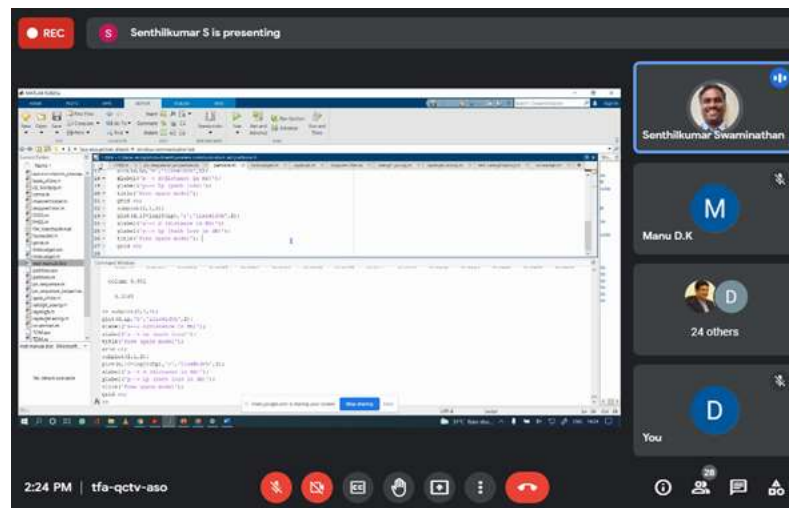# Events Conducted by the Faculty-TCE:

1. A Webinar on **"Opportunities and Challenges in 6G Wireless Technology"** by Dr. Sridhar Iyer, Member IEEE and InSc, Associate Professor, Dept of ECE, S. G. Balekundri Institute of Technology, Belagavi, was organized on 12th July 2021.

2. A Webinar on **"Machine Learning using Python"** by Dr. Mahantesh K, Associate Professor, Dept of ECE, SJBIT, Bengalore , was organized on 19th July 2021.

3. A Webinar on "**Wireless Communication: A Practical Approach"** by Mr. Senthil Kumar S, Associate Professor , GRT Institute of Engineering and Technology, Tiruttani, Tamil Nadu, was organized on 09[th]to 10th October 2021.

4. A Workshop on **"Internet of Things (IoT)"** by Mr Somashekar Y, Member Advanced Micro devices Mr. Rajesh Sudi Assistant Professor Dept. of ECE JIT Bengalore Mr. Ravishankar Holla Assistant Professor Dept. of ECE, RVCE Bengalore, was organized on 26th to 28th Nov 2021.

Events Attended by Faculty:

1. **Mrs.Jayasudha B.S.K,** Assistant Professor attended 5 days FDP on "**Sensors and their applications**"organized by Malnad College of Engineering from 13th to 17th July 2021.

2. **Mr.Sampath Kumar,** Assistant Professor attended FDP on "**Pedagogy of teaching and tools of e-content development for effective learning**" organized by IQAC from 5th to 14th July 2021.

3. **Mr.Sampath Kumar,** Assistant Professor attended FDP on "**Role of mathematics in latest engineering trends**"organized by Lords Institute of Engineering Technologies from 4th to10thJune 2021 at.

4. **Mr.Sampath Kumar,** Assistant Professor attended FDP on "**Foregrounding the spectrum of character building in modern human life**" organized by Balaji Institute of Technology and Sciencefrom 25thJuneto3rd July 2021.

5. **Dr. P. N. Sudha,** Professor and Head attended FDP on "**Business Plan Development for Early stage of startup**"organized by Department of EEE,CMR Institute of Technology from 23rd August to 9th September 2021.

6. **Dr. Surekha Borra,** Professor, attended ATAL FDP on **"FPGA based Deep learning applications in signal processing**"organized by KLE Technological University, Hubli from 5th to 9th July 2021.

7. **Dr. Surekha Borra,** Professor, attended ATAL FDP on "**Quantum computing Algorithms and Machine Learning**" organized by R.V.College of Engineering, Bengaluru from 2nd to 6th August 2021.

8. **Dr. SurekhaBorra,** Professor, attended ATAL FDP on "**Machine Learning and Optimization Techniques: Applications to Financial Markets**" organized by School of Basic Science, IIT Mandi from 12th to 16th July 2021

9. **Mr. Dileep J** attended One-week FDP on **"Machine Learning"** organized by organized by E & ICT Academy, IIT Kanpur from 19th July 2021 to 24th July 2021.

10. **Dr. Chanda V. Reddy**, Professor, attended FDP on " **Revolution on 5 G and Beyond with industrial Instrumentation approach, Machine learning**" organized by Dayananda Sagar College of Engineering from 13th September to 17th September 2021.

11. **Dr. SurekhaBorra**, Professor, attended ATAL FDP on "**Telemedicine**"organized by National institute of Technology, Jamshedpur from 9th to 13th August 2021.

12. **Dr. Dinesh Kumar D S** , Associate Professor , attended FDP on "**Recent Advances in RF and Wireless communication Recent Advances in RF and Wireless communication**" organized by MSR Institute of Technology Bangalore from 2nd August to 7th August 2021.

13. **Dr. Dinesh Kumar D S** , Associate Professor , attended FDP on "**Recent Trends in microwave and antenna technologies**" organized by East point College of Engineering Bangalore from 15th November to 19th November 2021.

14. **Dr. Rekha N,** Associate Professor,attended FDP on "**Fundamentals and applications of Digital Image Processing** " organized by SJCIT,Chikkaballapur from 27th to29[th] September 2021.

15. **Dr. Rekha N,** Associate Professor,attended FDP on "**Wireless Communication Practical Approach** " organized by KSIT , Bangalore from 9th to10[th] October 2021.

16. **Dr. Devika B** ,Associate Professor, attended FDP on "**Wireless Communication Practical Approach** " organized by KSIT , Bangalore from 9th to10[th] October 2021.

17. **Mrs. Ramya K R,** Associate professor attended FDP on "**Recent Advancement in Electric Vehicle Technology**" organized by Department of Electrical and Electronics Engineering, BNMIT, Bengaluru from 18th - 23rd October 2021.

18. **Mrs.Sangeetha V** ,Assistant Professor,attended FDP on "**Wireless Communication Practical Approach** " organized by KSIT , Bangalore from 9th to10[th] October 2021.

19. **Mrs. Bhargavi Ananth** , Assistant Professor , attended FDP on "**Research trends in Bio Medical Application**" organized by BNMIT Bangalore from 22nd October to 26th October 2021.

20. **Mr.Dileep Kumar J** , Assistant Professor , attended FDP on "**Recent Advances in RF and Wireless communication Recent Advances in RF and Wireless communication**" organized by MSR Institute of Technology Bangalore from 2nd August to 7th August 2021.

21. **Mr.Satish Kumar B** , Assistant Professor , attended FDP on "**Revolution on 5 G and Beyond with industrial Instrumentation approach, Machine learning**" organized by

Dayanand College of Engineering Bangalore from 13th September to 17th September 2021.

22. **Dr. P N Sudha**, Professor and HOD has Participated One Week AICTE – VTU Joint Teachers Training Programme on "**An Overview of Teaching Techniques in Data Science and Analytics**" Organized by VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur from 25th & 29th April 2022.

23. **Dr. P N Sudha**, Professor and HOD , Participated in a 3 days faculty development program on "**Outcome Based Education**" organized byK S Institute of Technology from 17th March to 19th March 2022.

24. **Dr. Surekha Borra,** Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

25. **Dr. Sangappa S B**, Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

26. **Dr. Surekha Borra**, Professor,attended FDP on "**Cartography**" organized by ESRI from February to March 2022

27. **Dr. Chanda V. Reddy**, Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

28. **Dr. Sudarshan B**, Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

29. **Dr. Rekha N**, Associate Professor , attended FDP on "**Inculcating Universal Human Values in Technical Education**"organized by All India Council for Technical Education (AICTE) from 28th March to1st April 2022 .

30. **Dr. Rekha N,** Associate Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

31. **Dr. Rekha N** , Associate Professor attended FDP on "**Applications of Artificial Intelligence in Communication and Signal Processing**" Organized by E&ICT Academy, NIT Warangal and Department of ECE, SJB Institute of Technology, Bengaluru from 14th to 23rd March 2022

32. **Dr. Dinesh Kumar D S,** Associate Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

33. **Mr. Santhosh Kumar B R**, Associate Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

34. **Dr. Devika B,** Associate Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

35. **Dr. Devika B,** Associate Professor, attended FDP on **"ICT Tools for Effective Teaching and Learning Process**" organized by RV Institute of Technology and Management, Bangalore from 28th March 2022 to 1st April 2022 .

36. **Ms. Jayasudha B.S.K**, Assistant Professor, attended FDP on "**VGST sponsored Recent Trends in Computational Intelligence and Analytics**" organized by R V College of Engineering, Bangalore from 17th January to 20th January 2022.

37. **Mr. Sampath Kumar S,** Assistant Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

38. **Mrs. Ramya K R,** Associate professor, attended FDP on "**Advanced Technologies in Electrical and Electronic Systems**" organized by KLS Gogte Institute of Technology from 3rd January to 7th January 2022.

39. **Mrs. Vishalini Diwakar,** Assistant Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

40. **Mr. Sunil Kumar G R,** Assistant Professor,attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

41. **Mrs. Sangeetha V**, Assistant Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

42. **Mr. Praveen A,** Assistant Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

43. **Mr. Christo Jain,** Assistant Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

44. **Mr. Saleem Tevarmani,** Assistant Professor,attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

45. **Mrs. Pragati P,** Assistant Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

46. **Mrs. Bhargavi Ananth,** Assistant Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

47. **Mrs. Bhargavi Ananth,** Assistant professor, completed a course on "**Python for Data Science, AI & Development**"by Coursera from April to May 2022 .

48. **Ms. Pooja S,** Assistant Professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

49. **Mr. Dileep J,** Assistant professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

50. **Mr. Satish Kumar B,** Assistant professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

51. **Ms. Keerthana A,** Assistant professor, attended FDP on "**Outcome Based Education**" organized by K S Institute of Technology from 17th March to 19th March 2022.

Publications in International Journals:

1. **Dr. P N Sudha** "**Automatic Plant Watering System Using Arduino**" International Journal of Innovative Research in Technology, Vol,8, No. 3, 2021, ISSN: 2349-6002.

2. **Dr. P N Sudha** " **The design, modeling, construction and implementation of Self-balancing robot**" International Advanced Research Journal in Science, Engineering and Technology, Vol,8, No. 6, 2021, ISSN: 2393-8021

3. **Dr. P N Sudha** "**Hybrid Temperature Sensing and Monitoring System With Built In Sanitizer**" International Journal for Research in Engineering Application & Management (IJREAM) ISSN : 2454-9150 Vol-07, Issue-04, JULY 2021.

4. **Dr. Surekha Borra**, "**Digital Video Watermarking Tools an Overview**", International Journal of Information and Computer Security, Vol. 16, No.1,2, pp.1-19, 2021.

5. **Dr. Surekha Borra**, "**Hybrid, Blind and Robust Image Watermarking: RDWT – NSCT based Secure Approach for Telemedicine Applications**", Multimedia Tools and Applications, Vol.80, pp. 27593–27613, 2021.

6. **Dr. Surekha Borra**, "**Fragile Watermarking Framework for Tamper Detection of Color Biometric Images**", International Journal of Digital Crime and Forensics, Vol.13, No. 2, pp. 100518-115538, 2021.

7. **Dr. Surekha Borra**, "**Difference Expansion Based Reversible Watermarking Algorithms for Copyright Protection of Images: State-of-The-Art and Challenges**", International Journal of Speech Technology, 2021, pp.1-30.

8. **Dr. Surekha Borra**, "**A Survey on Prevention Techniques for Camcorder Video Piracy in Movie Theatres**", Recent Patents on Engineering, Vol.15, No.2,pp.207-217, 2021.

9. **Dr. Surekha Borra**, "**Detection and Classification of Leukocytes in Blood Smear Images: State-of-the-Art and Challenges**" International Journal of Ambient Computing and Intelligence, Vol. 12, No.2, pp. 030720-041648, 2021.

10. **Dr. Chanda V. Reddy**, "**Detection of Real And Fake Image Using Deep Learning Algorithm**" **International Research Journal of Modernization in Engineering Technology and Science,** Volume:03, Issue:07, July-2021, Impact Factor- 5.354, Page:367 – 371.

11. **Dr. Chanda V. Reddy "Agro Bot"** International Advanced Research Journal in Science, Engineering and Technology, Volume 8, Issue 8, August 2021, Impact Factor 6.612, Indexed in Microsoft Academic, Google Scholar, Index Copernicus, NAAS Accredited Science Journal Thomson Reuters ID I-8645-2017, DOI: 10.17148/IARJSET.2021.8879.

12. **Dr. P.N Sudha,** Charan G, Ganesh P, Dheeraj MS, "**Survey on Real-Time Fruit Detection and Classification using Image Processing and Convolution Neural Network**", International Journal of Innovation Research in Technology, Vol.8, No.11, pp. 617-622, 2022. [ISSN:2349-6002]

13. **Dr. P N Sudha** , Suraj V Ghorpade , Thanushree D , Vaishnavi G , Vrindha Sham Bhatt "**A Smart Wheelchair for Aged People with Health Monitoring System**" International

Journal Of Innovative Research In Technology April 2022| IJIRT | Volume 6 Issue 11 | ISSN: 2349-6002

14. **Dr. Surekha Borra, Sunil Kumar G. R.,** N. Vishal Gowtham, Ritu Patil, "**AlexNet Based Pirate Detection System**", Springer Nature Computer Science, Vol.3, No.2, Article No. 108, pp.1-8, 2022. [ISSN: 2661-8907]

15. **Dr. Chanda V. Reddy** "**Wildlife Animal Tracking and Monitoring System**" International Advanced Research Journal in Science, Engineering and Technology Vol. 9, Issue 6, June 2022, Impact Factor 7.105, ISO3297:2007 Certified   DOI: 10.17148/IARJSET.2022.96148

16. **Dr. Chanda V. Reddy** "**IOT BASED SMART MIRROR**" International Advanced Research Journal in Science, Engineering and Technology Vol. 9, Issue 5, June 2022, Impact Factor 7.105, ISO3297:2007 Certified Certified DOI: 10.17148/IARJSET.2022.9588

17. **Dr. Rekha. N,** Adithi S, Mahanth Sai M, Dhrithirhuth Rajanna, K Rishika Ravi, "**Crowd Management Framework for Departure Control in Bus Transport Service using Image Processing**", International Journal of Innovation Research in Technology, Vol.8, No.11, pp.821-827, 2022.[ISSN:2349-6002]

18. **Mr. Santhosh Kumar B R,** Janhavi K. P, Monisha B R, Niharika S A, Shreya V Dev, "**Survey on Orador Smart Community**", International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, No. 4, pp. 89-91, 2022. [ISSN :2393-8021] DOI: 10. 17148/IARJSET.2022.9413

19. **Dr. Devika B,** Aishwarya Bandigani, Nirosha G J, Nishanth J Rao, Pavan Kumar P, "**Study and Literature Survey of Evidence Collection System in Car by Embedded System**", International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, No. 4, pp. 104-108, 2022. [ISSN :2393-8021] DOI: 10. 17148/IARJSET.2022.9417

20. **Mrs.Ramya K R,** Jhanavi V, Jahnavi A P, Ayeesha Ruman " **A Survey on Robotic Systems for Military Applications**" International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, Issue 4, pp. 2022. [ISSN :2394-1588] DOI: 10. 17148/IARJSET.2022.9412

21. **Mrs. Jayasudha B S K,** N Bhoomika Chowdary, Lavanya M, Darshan S, Deepthi Andani, "**A Literature survey on Voice Assistance**", International Journal for Research in Applied Science and Engineering Technology, Vol.-10, No.4, pp. 2251-2254,2022[ISSN: 2321-9653]

22. **Mrs. Jayasudha B S K,** Jishnu S, Nihitha Yadav. M, Mohammed Faizan Shafi, Divakar Babu. Y "**Survey on Face Recognition for Automation of Door Lock System**" International Journal forResearch in Applied Science and Engineering Technology, Vol.-10, No. 4, pp.2577-2580, 2022. [ISSN:2321-9653]

23. **Mr. Sampath Kumar S,** Chithritha G R, Dhanushree C, Harshitha S, Meghana B S, "**Automated Crowd Management and Energy Conservation System in Metro Using IOT**", International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, No. 4, pp.73-79, 2022. [ISSN:2393-8021] DOI: 10. 17148/IARJSET.2022.9410

24. **Mr. Sampath Kumar S,** Vidyasagar R Hiremath, Venkatesh M N, "**Literature Survey of AI-Based Home Automation**", International Advanced Research Journal in science, Engineering and Technology, Vol. 9, No.3, pp. 140-143,2022. [ISSN:2393-8021] DOI: 10. 17148/IARJSET.2022.9324

25. **Mr. Sunil Kumar G. R.,** S Tushar Harinath, Raghu B T, Raghavendra K P, Purushotham V R, "**Electronic Shoes to Assist Visually Challenged**", International Journal of Creative Research Thoughts An International Open Access, Peer-reviewed, Referred Journal, Vol. 10, No. 4, 2022. [ISSN: 2320-2882]

26. **Mrs. Sangeetha V,** Megha R, Anagha S, Ananya Ananth, Ashritha S C, "**Survey on Sanitizing Drones**", International Journal of Computer Applications Technology and Research Vol. 11, No.5, pp. 165-169 2022[ISSN:-2319–8656] DOI:10.7753/IJCATR1105.1003

27. **Mrs. Sangeetha V,** R. Kishore, Dilip Kumar C N, Devaraj.M, "**Literature Survey on NFC and Coin based stationery vending machine**", International Advanced Research Journal in Science, Engineering and Technology, Vol. 9, No. 4, pp. 127-129, 2022. [ISSN:2393-8021] DOI: 10. 17148/IARJSET.2022.9421

28. **Mrs. Sangeetha V,** R. Kishore, Dilip Kumar C N, Devaraj.M, "**Literature Survey on NFC and Coin based stationery vending machine**", International Advanced Research

Journal in Science, Engineering and Technology, Vol. 9, No. 4, pp. 127-129, 2022. [ISSN:2393-8021] DOI: 10. 17148/IARJSET.2022.9421

29. **Mr. Praveen A,** Harsh Sharma Mehra, Raj Krishna, GJ Nithin, Dinesh Kumar Naik, "**Review on Intelligent Packaging Solution for Tamperproof Delivery"**, International Journal of Innovative Research in Technology, IJIRT, Vol.-8, No. 12, pp.12-19, 2022. [ISSN: 2349-6002]

30. **Mr. Saleem S Tevaramani,** Abhishek V, Akash R, Chinnapu Charan Teja Reddy, Manoj G S, "**Solar and Wind Powered UPS System**", International Journal of Innovative Research in Technology, Vol. 8, No. 11, pp.780-783, 2022. [ISSN: 2349-6002]

31. **Mr. Saleem S Tevaramani**, Akash C G, Vijaybabu K, Vinay S, Vivek Gowda J, "**Literature Survey on Smart Assistance for Visually Impaired People**", International Advanced Research Journal in science, Engineering and Technology, Vol. 9, No. 4, pp.122-126, 2022. [ISSN:2393-8021] DOI: 10. 17148/IARJSET.2022.9420

32. **Mr. Saleem S Tevaramani,** Ravi J, "**Image Steganography Performance Analysis using Discrete Wavelet Transform and Alpha Blending for Secure Communication**", Global Transitions Proceedings Vol. 3, No.1, pp. 208-214,2022 ·

33. **Aruna Rao B P,** Sujay R, Somashekar M, "**Literature Survey: Sign Language Translator**", International Journal of Innovation Research in Technology, Vol. 8, No. 12, pp. 8-11,2022[ISSN: 2349-6002]

34. **Mrs. Pooja S,** C A Sushma, N Naga Omkar, Shiva Shankar B, Rithvik P, "**Real-Time Traffic Monitoring**", International Journal of Computer Applications Technology and Research Volume 11–Issue 06, 175-178, 2022, ISSN: -2319–8656 DOI:10.7753/IJCATR1106.1001

35. **Mrs. Pooja S,** Parikshith S, P Sai Govardhan, Shreyas D R, Ram Bahadur Mahara, "**Survey on Smart Manhole Management System**", International Journal of Creative Research Thoughts an International Open Access, Peer-reviewed, Referred Journal, Vol. 10, No. 4, pp.81-83, 2022. [ISSN: 2320-2882]

36. **Mrs. Bhargavi Ananth,** Aishwarya. R, Supriya. S, Sushmitha. R, Vandana. K, "**Literature Survey on Attendance monitoring and access control system**",

International Advanced Research Journal in science, Engineering and Technology, Vol. 9, No. 4, pp.92-94, 2022. [ISSN:2393-8021] DOI: 10. 17148/IARJSET.2022.9414.

37. **Dileep J** published a paper titled **"Implementation of VHDL/FPGA to Realize Fingerprint Verification with Optimal Computation"** in International Journal of All Research Education & Scientific Methods, (IJARESM), ISSN No: 2455-6211", Impact Factor : 7.429, Volume 9, Issue 7, July 2021.

38. **Dileep J** published a paper titled **"Smart Waste Segregation using Arduino Uno"** in International Advanced Research Journal in Science, Engineering and Technology, Impact Factor-6.612, Volume 8, Issue 8, ISSN No. 2393-8021, August 2021.

International Conference Publications:

1. **Ms. Devika, Dr. P N Sudha** "**Chronological-Squirrel EarthWorm optimization for power optimization using topology management in MANET**" International conference on Distributed Computing and Optimization technique organized by department of Electronics & Communication Engg.& department of Electrical & Electronics Engg. SJBIT Bangalore during 25th & 26th June 2021

2. **Ms. Jayasudha , P N Sudha ,**" **Machine learning techniques for cardiovascular risk score -prediction**" IEEE MysuruCon 2021-The First Edition of the Flagship International Conference Series of IEEE Mysore Subsection in association with IEEE Bangalore Section hosted by the house of Sri. M S Ramaiah, NAVKIS College of Engineering, Hassan during 24th & 25th October 2021.

3. **Dr. Surekha Borra**, "**A Hybrid Reversible Image Watermarking Technique based on Fractal Encryption and Grey Wolf Optimization**", 2021 IEEE Mysore Sub Section International Conference (MysuruCon), 2021, pp. 445-449.

4. **Dr. Surekha Borra**, "**Evaluation of Machine Learning Models for Real-Time Sign Recognition**", 2021 IEEE Mysore Sub Section International Conference (MysuruCon), 2021, pp. 238-243.

5. **Dr. Surekha Borra**, "**Real-Time Face Detection and Recognition on Raspberry Pi Using LBP and Deep learning**", International Conference on Data Science, Machine Learning and Artificial Intelligence (DSMLAI), organized by Faculty of Computing and

Informatics, Namibia University of Science and Technology (NUST), Windhoek, NAMIBIA, 9th – 12th August 2021

6. **Dr. Surekha Borra**, Sunil Kumar G R, "**Real-Time Piracy Detection based on Thermogram Analysis and Machine Learning Techniques**", Fourth International Conference on Computational Intelligence in Communications and Business Analytics (CICBA-2022), Assam University, Silchar, Assam. [In Press].

Achievements by Faculty:

1. **Dr. P N Sudha** is recognized as Reviewer for IEEE MYSURUCON 2021-The First Edition of the Flagship International Conference Series of IEEE Mysore Sub Section in association with IEEE Bangalore Section at NAVKIS College of Engineering, Hassan on 24th & 25th October 2021.

2. **Dr. P N Sudha** is recognized Doctoral Committee member in University of Kerala, Thiruvananthapuram, Kerala

3. **Dr. P N Sudha** is selected as Member of 'Editorial Board' of 'Blue Eyes Intelligence Engineering and Sciences Publication' and it's journal(s) for year 2020-21.

4. **Dr. P N Sudha** is invited as Reviewer for IEEE International Conference on Mobile Networks and Wireless Communications (ICMNWC-2021) to be held on 03-04 December 2021 at Sri Siddhartha Institute of Technology, Tumakuru, Karnataka - 572105, India.

5. **Dr. Surekha Borra**, Professor is recognized as a reviewer for the Springer Nature International Journal "Quality & Quantity (QUQU)" on 3rd June 2021.

6. **Dr. Surekha Borra**, Professoris recognized as a reviewer for theInternational Conference on Mobile Networks and Wireless Communications (ICMNWC-2021), organized by Sri Siddhartha Institute of Technology, Tumkur, Bangalore, during 3rd-4th Dec 2021.

7. **Dr. Surekha Borra**, Professor is recognized as a reviewer for theThird IEEE International Conference on Circuits, Controls and Communications (CCUBE-21), organized by RNS Institute of Technology, Bengaluru, during 23rd -24th December 2021.

8. **Dr. Surekha Borra**,Professor is recognized as a reviewer for Fourth IEEE International Conference on Electrical, Electronics, Communication, Computer and Optimization

Techniques (ICEECCOT-2021), organized by GSSS Institute of Engineering and Technology for Women, Mysore, India, during 10th-11th December 2021.

9. **Dr. Surekha Borra**, Professor is recognized as a reviewer for IEEE MYSURUCON-2021, organized by Navkis College of Engineering, Hassan during 24th-25th October 2021,

10. **Dr. Surekha Borra**, Professor is recognized as a reviewer for 7th IEEE International Conference on Electronics, Computing and Communication Technologies, IEEE CONECCT 2021, organized by IEEE Bangalore Section during 9th-11th July 2021.

11. **Dr. Sangappa S B**, Professor is recognized as Board of Examiner member to scrutinize the question paper during 19th - 20th July 2021 at VTU, Belagavi.

12. **Ms. Jayasudha BSK**, Assistant Professor was invited as an Evaluation Expert on Symposium cum Project Exhibition on Recent Advances in Engineering Science on 19th July 2021 at SJCIT, Chickballapur.

13. **Ms. Jayasudha BSK**, Assistant Professor was invited as a reviewer for IEEE CONECCT conference during 9th-11th July 2021.

14. **Dr. Sudharsan B**, Professor is recognized as Board of Examiner member to scrutinize the question paper during 29th -30th October 2021 at VTU, Belagavi

15. **Dr. P N Sudha**, Professor and Head, Received Best Paper award for paper titled "Generation of Simple Symmetric Key Generation Scheme Based on Channel Reciprocity for Wireless Communication" in fourth International Virtual Conference on Advances in Computing and Information Technology -2022 held on 17th & 18th May 2022 organized by REVA University Bangalore Karnataka

16. **Dr. P N Sudha**, Professor and Head, recognised as Reviewer in the IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2022), organized by the Ballari Institute of Technology and Management, Ballari, India in association with IEEE Bangalore Section on 23rd-24th April, 2022.

17. **Dr. P N Sudha**, Professor and Head, Invited as Evaluator for 3 Days Geo Innovation Challenge Sponsored by DST at Jain University Bangalore organized on 17th May 2022 to 19th May 2022.

18. **Dr. P N Sudha**, Prof. & Head, Delivered talk on "Recent Trends in Wireless & Mobile Communication " on27th March 2022 at Dayananda Sagar University Bangalore

19. **Dr. P N Sudha** is recognized as Reviewer for IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE-2022), organized by the Ballari Institute of Technology and Management, Ballari, India in association with IEEE Bangalore Section and IEEE Information Society at Ballari Institute of Technology and Management, Ballari on 23rd April and 24th April 2022

20. **Dr. P N Sudha** is recognized as evaluator at 3 Days Geo Innovation Challenge at Jain University Bangalore on 17th May 2022

21. **Dr. B Surekha** , Professor is recognised as External subject expert for Doctoral Advisory Committee on 11th May 2022 held at JSS Academy Technical Education

22. **Dr. B Surekha**, Professor is recognised as Examiner for PhD Viva on 25th May 2022 held at JSS science and technology university

23. **Dr. B Surekha**, Professor, delivered a Lecture on Basics of writing research article on 18th May 2022 held at K S Institute of Technology

24. **Dr. B Surekha**, Professor Attended as External member in Board of Examiners meeting on 21st February 2022 held at Sri Jayachamarajendra College of Engg .

25. **Dr. B Surekha**, Professor, Delivered keynote address at International conference on contemporary researches in Engg, science, Management and Arts on 28th January 2022 at Tamil Nadu

26. **Dr. B Surekha**, Professor was invited as a Chief Guest for Womens day celebration at KSSEM. On 8th March 2022 at KS School of Engg. Management ·

27. **Dr. B Surekha**, Professor is recognised as a reviewer at International conference on distributed Computing and Electrical circuits and Electronics, conducted from 23rd April to 24th April 2022 at Ballari Institute of Technology, Ballari

28. **Dr. B Surekha**, Professor is recognised as reviewer at Elsevier Journal (Applied Soft computing) conducted on January 2022

29. **Dr. B Surekha**, Professor is recognised as Judge in 24hour state level Hackathon-Sentinel Hack 3.0 conducted from 20th June to 21st June 2022 by K S Institute of Technology

30. **Dr. B Surekha**, Professor was recognised as Session chair for National Conference conducted from 23rd June to 25th June 2022 by K S Institute of Technology

31. **Dr. Sangappa S B**, Professor Elected member for ISTE National Executive Council,

section chairman & section managing committees for the term 2020-2024 during 2020-2021 ISTE, DELHI.

32. **Dr. Chanda V Reddy**, Professor was recognised as Session chair for National Conference conducted from 23rd June to 25th June 2022 by K S Institute of Technology

33. **Dr. B. Sudarshan**, Professor was recognised as Session chair for National Conference conducted from 23rd June to 25th June 2022 by K S Institute of Technology

34. **Dr. Rekha N**, Associate Professor was recognised as Session chair for National Conference conducted from 23rd June to 25th June 2022 by K S Institute of Technology

35. **Dr. Dinesh Kumar D S**, Associate Professor was recognised as Session chair for National Conference conducted from 23rd June to 25th June 2022 by K S Institute of Technology

36. **Dr. Dinesh Kumar D S**, Associate Professor was recognised as Session chair for 2nd National Conference conducted on 13th June 2022 by East Point College of Engineering

37. **Mr. Santhosh Kumar B R**, Associate Professor was recognised as Session chair for National Conference conducted from 23rd June to 25th June 2022 by K S Institute of Technology

38. **Mr. Santhosh Kumar B R**, Associate Professor was recognised as Session chair for 8 th National Conference on convergence of science, Technology and Management conducted on 28th June 2022 by Dayananda Sagar Academy of Technology and Management, Bangalore

39. **Dr. Devika B**, Associate Professor was recognised as Session chair for National Conference conducted from 23rd June to 25th June 2022 by K S Institute of Technology

40. **Mrs. Jayasudha B S K**, Assistant Professor was recognised as Session chair for National Conference conducted from 23rd June to 25th June 2022 by K S Institute of Technology

41. **Dr Sangappa S B**, Professor received ISTE Best member award for National working committee of ISTE during 50th Annual convention on 5th October 2021 at Mumbai.

Achievements by Students :

1. **Ms. Lavanya M** participated and secured first place in IEEE workshop Project based competition at IEEEKLE ,Belagaum held on 10th July 2021.

2. **Ms. RumanaKhanum, Ms.Shriyukta Ram and Ms. Sridevi M R** participated and secured first place in Intercollegiate Project Competition at Dayananda Sagar Academy of Technology and Management,Belagaum held on 17th July 2021.

3. **Mr.Vadhiraj Ravi, Ms.Nisha Deepak and Ms.Priyanka S** participated and secured second place in Intercollegiate Project Competition at Dayananda Sagar Academy of Technology and Management,Belagaum held on 17th July 2021.

4. **Ms. Yashaswini N** participated as NSS Volunteer in the south zone pre Republic day Parade selection camp 2021 from 22nd - 31st October 2021

5. **Mr. Vishal Sanjay Raju** participated in all India Inter University Yoga tournament held at Kalinga Institute of Industrial Technology Bhubaneswar ,Orisha from 25th - 20th December 2021.

6. **Mr. Srinivasan M** has won First Place in the Cansat event conducted during the National Level Annual Technical Symposium Phase Shift 2021 held at BMSCE from 26th - 27th November 2021.

Recognition:

1. **Dr. Sangappa S B**, Professor Elected member for ISTE National Executive Council, section chairman & section managing committees for the term 2020-2024 during 2020-2021 ISTE, DELHI.

2. **Dr. Sangappa S B**, Professor is recognized as a Chief Guest for inauguration of ISTE Faculty and Student chapter on 31st July 2021 at Atria Institute of Technology, Bengaluru.

3. **Ms. Jayasudha B S K**, Assistant Professor attended IEEE Xtreme 14.0 programming competition Volunteered as Proctor on 24th October 2021, IEEE.

Resource Person:

1. **Dr. Sangappa S B**, Professor invited as Guest of Honour for AICTE-ISTE Induction/Refresher Programme on "Advanced Topics in Network Security" on 10th December 2021 at BIT ,Bengaluru.

2. **Mr. Dileep J**, Assistant Professor was invited as Guest Speaker on "IoT and its Applications" on 13th September 2021 at K S Polytechnic , Bengaluru

Patent Publication by Faculty:

1. **Dr.Chanda V Reddy, Dr. Devika B, Mrs.V.Sangeetha, , Mr.Praveen** Title of Invention **"Smart Helmet with Bike System for Safety Transportation"** design patent, Patent office Government of India, applied on 3rd June2021 and published on 11th June 2021 with IPR number 202141024734

2. **Dr. P N Sudha** Filed patent for **"A Plant Finder for Ayurvedic Botanists - A Blending Technology on India's Rich Ayurvedic Legacy (ANDROID AND IOS BASED)"** and the application number for the patent application is 202141016624 and applied on 4th Sep 2021.

3. **Dr. Dinesh Kumar D S, Mr. Satish Kumar B and Mr. Dileep J,** Title of invention **"AN ELECTRONIC VOTING MACHINE",** patent office Government of India applied on   and published on 1st October 2021 with IPR number 202141041370.

Funded Projects:

1. **Dr. Surekha Borra**, Professor Received research Grants of worth Rs 3 Lakhs under RGS/F Scheme on 11th February 2021 at VGST, Government of Karnataka, for implementation of project titled "Development of Bioinspired Algorithms for Real Time Piracy Detection Systems based on Thermogram Analysis".

2. **Ms. Sangeetha V** ,Assistant Professor Received a fund of Rs.5000/- for the project entitled"Photovoltaic Dual Purpose Thermo Electric Refrigerator"by Karnataka State Council for Science and Technology KSCST SSP-44 Series during April 2021.

3. **Dr.P.N.Sudha**, Professor Received a fund of Rs.5000/- for the project entitled "Hybrid Temperature Sensing and Monitoring System With Built in Sanitizer" by VTU Financial Assistance for Innovative Projects of Final Year UG Students during September 2021.

4. **Ms. Jayasudha B S K** , Assistant Professor Received a fund of Rs.5000/- for the project entitled "Smart Heart Health Predictor Powered by ML" by VTU Financial Assistance for Innovative Projects of Final Year UG Students during September 2021

5. **Dr. Surekha Borra** ,Professor ,Mr.Sunil Kumar GR ,Assistant Professor received research Grants of worth Rs. 1.5 Lakhs under VTU Research Grants Scheme -2021 for

implementation of project titled "Development of a Secure System for Intellectual Property Protection in Theaters".

6. **Mr. Satish Kumar B,** Assistant Professor Received a fund of Rs.5000/- for the project entitled "GSM based baby monitoring and automatic swing system" by VTU Financial Assistance for Innovative Projects of Final Year UG Students during September 2021.

7. **Mr. Dileep J**, Assistant Professor Received a fund of Rs.5000/- for the project entitled "Ingenious Helmet with bike system" by VTU Financial Assistance for Innovative Projects of Final Year UG Students during September 2021.

8. **Mr. Satish Kumar B,** Assistant Professor Received a fund of Rs.5000/- for the project entitled "GSM based baby monitoring and automatic swing system" by VTU Financial Assistance for Innovative Projects of Final Year UG Students during September 2021.

9. **Mr. Dileep J**, Assistant Professor Received a fund of Rs.5000/- for the project entitled "Ingenious Helmet with bike system" by VTU Financial Assistance for Innovative Projects of Final Year UG Students during September 2021.

10. **Mrs. Sangeetha V** ,Assistant Professor Received a fund of Rs.8000/- for the project entitled" Drone Sanitizer "by Karnataka State Council for Science and Technology KSCST SSP-45 Series during March 2022.

11. **Dr. Rekha N** ,Associate Professor Received a fund of Rs.7000/- for the project entitled"Crowd Management Framework for Departure Control in Bus Transport Service using Image Processing" by Karnataka State Council for Science and Technology KSCST SSP-45 Series during March 2022.

12. **Mr. Santhosh Kumar B R**, Assistant Professor Received a fund of Rs.7000/- for the project entitled "The ORADOR Smart Community" by Karnataka State Council for Science and Technology KSCST SSP-45 Series during March 2022.

13. **Mrs. Pooja S**,Assistant Professor Received a fund of Rs.7000/- for the project entitled "Smart Manhole Management System" by Karnataka State Council for Science and Technology KSCST SSP-45 Series during March 2022.

14. **Dr. CHANDA V REDDY** ,Professor Received a fund of Rs.6000/- for the project entitled "IOT BASED SMART MIRROR" by Karnataka State Council for Science and Technology KSCST SSP-45 Series during March 2022.

15. **Mr. Satish Kumar B,** Assistant Professor Received a fund of Rs.6000/- for the project entitled "Electric Vehicle Charging System" by Karnataka State Council for Science and Technology KSCST SSP-45 Series during March 2022.
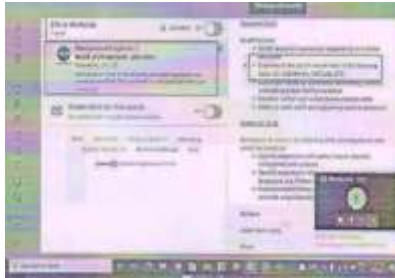
100% Result with Subject:

1. Dr. P.N Sudha   Cryptography (C404/15EC744)
2. Mr. Saleem S Tevaramani   Satellite Communication (17EC755)
3. Mr. Praveen. A   IOT & Wireless Sensor Networks (17EC752)
4. Mr. Saleem S Tevaramani   Fiber Optics & Networks (C410/17EC82)
5. Dr. B Surekha   Network and Cyber Security (17EC835)
6. Ms. Pooja S   Radar Engineering (17EC833)
7. Ms. Pooja S   Wireless   Cellular   and   LTE   4G   Broadband (17EC81)
8. Dr. Dinesh Kumar D S   Fibre Optics and Networks (17EC82/15EC82)
9. Mrs. Sangeetha. V   Wireless and Cellular Communication (18EC81)
10. Mr. Saleem S Tevaramani   Radar Engineering (18EC823)
11. Mrs. Pooja S   Radar Engineering (17EC833/15EC833)
12. Mr. Satish Kumar B   Wireless   Cellular   and   LTE   4G   Broadband (17EC81/15EC81)
    13. Dr. Chanda V Reddy   - Microwave Theory & Antennas
                                       - IOT and Wireless Sensor Networks
13. Dr. Rekha N   - Machine learning
                                       -VERILOG HDL
14. Dr. Dinesh Kumar D S   -Multimedia Communication
                                        -Fiber Optics & Networks
15. Dr. Devika B   -AD Hoc Wireless Networks
                                       - Satellite Communication and Remote Sensing.
16. Mr. Satish kumar B   -Wireless Cellular and LTE 4G Broadband,
                                       -Technological   Innovation   Management   & Entrepreneurship
17. Mr. Dileep .J   -CMOS VLSI Design.

MECHANICAL ENGINEERING:

Events conducted by the Department:

1. Mechanical department organized webinar on "**Design innovation for successful career in the field of Aviation"** using systems tool kit software on **7th July, 2021** for mechanical students. The webinar was informative and students have gained knowledge about tools used in aviation sector.

2. Department has organized webinar on **"Non-destructive Evaluation of Castings and to learn about the evolution in the Foundry Industry with respect to Non-Destructive Testing"in association with IIF, on 21st July 2021.** The speaker highlighted the need and importance of nondestructive testing in foundry sector.

3. Department organized **one day industrial visit f**or KSIT and KSP students on **8th September,** 2021 to **"walvoil" company** located in Bangalore. Students got good exposure of various hydraulic systems asthe company manufactures pumps, compressors, taps and valves,hydraulic power engines and motors, pumps for liquids fitted with measuring devices, including hand pumps and pumps designed for fitting to internal-combustion piston engines etc, air or vaccum pumps, air or other gas compressors, taps, cocks, valves and similar appliances for pipes, boilers shells, tanks, vats or the like including pressure reducing valves and thermostatically controlled valves.
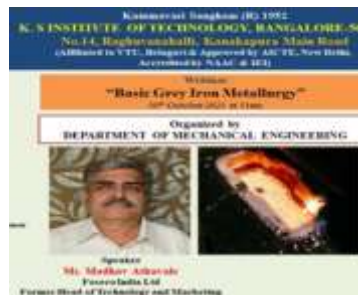
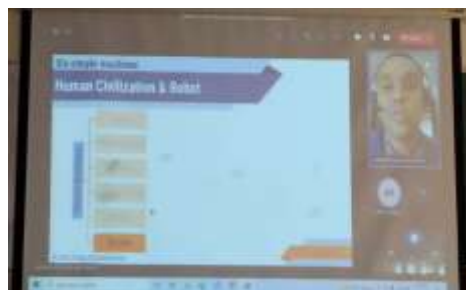Photograph ofStudentsalong with facultyinKSITcampus

4. Department organized **Engineers day on 15ᵗʰ September, 2021** as a mark of remembrance and tribute to Mokshagundam Visvesvaraya, who is considered as one of the greatest engineers in the country. Senior faculty highlighted the importance of discipline and dedication required to succeed in life.

5. Department organized webinar on **"Basic Grey Iron Metallurgy"** in association with the Institute of Indian Foundrymen (IIF)- Bangalore on **30ᵗʰ October, 2021**. Participants were teaching fraternity and industry working professionals. Speaker presented the importance of Cast iron in various engineering applications and also how metallurgical processes helps in enhancing properties of cast iron.

6. Depart organized Webinar on **"Introduction & Evolution of Industrial Robotics**"on **30ᵗʰ December, 2021**, the speaker of the session was MVA Raju Bahubalendrani, Assistant Professor, MED, NIT, Thiruchy. He highlighted the evolution and importance of industrial robots in today's modern manufacturing sector.

7. 3 Days **Staff training Programme for Capacity Building** in association with SAEINDIA, IEEE from 4th to 6th April 2022

8. **"National Conference on Recent Innovation in Engineering – 2022"** organized by Department of Mechanical Engineering, KSIT, Bengaluru during 23rd to 24th June 2022

9. **Project Exhibition** was organized by the Department of Mechanical Engineering, at KSIT, Bengaluru on 25th June 2022

Events attended by Faculty:

1. **Mr.Ranganath N** attended a Webinar on **"Prerequisites to be a Design Engineer"** organized by **SVCE**, Bengaluru, Bengaluru on 3rdJune, 2021.

2. **Mr.Ranganath N** attended a 5 days online FDP on **"Modern Trends in Engineering Technology"** 8th June, 2021 organized by **HKBK college of Engineering**, Bengaluru

3. **Mr.Manjunath B R** attended a Webinar on one day webinar on **"Introduction and application of solid-state welding Technique"** organized by **Brindavan College of Engineering,** Bengaluru on 11th June, 2021.

4. **Mr.Ranganath N** attended a Webinar on one day webinar on **"Introduction and application of solid-state welding Technique"** organized by **Brindavan College of Engineering**, Bengaluru on 11th June 2021

5. **Mr.Manjunath B R** attended a Webinar on **"Complexity and Excitement of Aerospace Control"** organized by **Dr. Ambedkar Institute of Technology**, Bengaluru on 18th June, 2021.

6. **Mr.Ranganath N** attended a Webinar on **"Complexity and Excitement of Aerospace Control"** organized by **Dr. Ambedkar Institute of Technology,** Bengaluru on 18th June 2021.

7. **Dr. Saleem Khan** attended **"Data Analysis and Artificial Intelligence for Mechanical Engineers"** Department of Mechanical Engineering **NitteMeenakshi Institute of Technology,** Bengaluru from 28th June to 2nd July 2021.

8. **Mr. M Umashankar** attended a webinar on **"Lost Foam Casting"** organized by Department of Mechanical Engineering, **JSS Academy of Technical Education**, Bengaluru in association with IIF Bangalore chapter on 10th July, 2021.

9. **Mr.Ranganath N** attended a National Seminar on **"Development of functionally graded material through Directional solidification"** organized by **RR Institute of Technology,** Bengaluru on 11th July,2021.

10. **Dr. Nirmala L** attended Five Day Online Faculty Development Program (FDP) on **"Recent Trends in Mechanical Engineering"** organized by LcfaiTech, **ICFAI University,**Jaipur in collaboration with IET (UK), Delhi Local Network from 20th to 24th July, 2021.

11. **Mr Harish U** attended Five Day Online Faculty Development Program (FDP) on **"Recent Trends in Mechanical Engineering"** organized by Department of Mechanical Engineering, K S Institute of Technology, Bengaluru organized by LcfaiTech, **ICFAI University, Jaipur** in collaboration with IET (UK), Delhi Local Network during July 20th to July 24th 2021.

12. **Mr.Parashuram A K** attended Two days Workshop on **"Recent Trends in production technology"** organized by **EWIT**, Bangalore from 27th to 28th July, 2021.

13. **Prof. RAJESH G L** of K.S. Institute of Technology, Bengaluru has participated in the webinar of **"Friction Welding and Allied Processes"** organized by the Departments of Mechanical & Automobile Engineering, Arasu Engineering College, Kumbakonam on 21st Jan 2022 through online pedagogy

14. **Prof TEJASWINI ML** of **K. S. Institute of Technology, Bengaluru** has participated in Six Days Faculty Development Program on **"Advancements In The Field Of Civil Engineering: Theory And Practice"** from 21st to 26th February 2022 at Pravara Rural Engineering College, Loni.

15. **Prof. RAJESH G L** of K S Institute of Technology, Bengaluru has participated in the Five Days (online) Faculty Development Programme on "**Recent Trends in Science &**

Engineering" held from 11th March to 16th March 2022 at Anand International College of Engineering Jaipur.

16. **Prof TEJASWINI ML** of **K. S. Institute of Technology, Bengaluru** has participated in Six Days Faculty Development Program on "**Advancement Of Technology In Civil Engineering"** from 28th – 5th March, 2022, at Anand International College of Engineering Jaipur.

17. **Prof**. **RAJESH G L** of K S Institute of Technology, Bengaluru has participated in IP Awareness/Training program under National Intellectual property awareness mission on 17th May, 2022

18. **Prof RAJESH GL** of **K. S. Institute of Technology, Bengaluru** has participated in SixDays Faculty Development Program on **"Envisioning Pathways In Thermal Sciences"**organized by the Department of Mechanical Engineering, SRM Institute of Science and Technology – Ramapuram Campus in association with FEAST - ENGG ONLINE, Mumbai held between 23rd May 2022 to 28th May 2022.

Publications in International Journals:

1. **Prof Rajesh G L,** "Microstructure and tensile behaviour of B4C particles reinforced Al6061 matrix composites" Material Today: Proceedings (Science Direct) 2022, Volume 52, Part 3, Pages 1436-1441, https://doi.org/10.1016/j.matpr.2021.11.188

2. **Prof Tejaswini M L,** "Studies on hardened properties of concrete incorporated with copper slag" Material Today: Proceedings (Science Direct) Volume 60, Part 1, 2022, Pages 646-657, https://doi.org/10.1016/j.matpr.2022.02.264.

3. **Dr Saleem Khan,** "Influence of Hot Extrusion on Microstructure and slurry erosive behaviour of Al6061-Si3N4-Cf Hybrid Composite", SAE Technical Paper 2022-01-0049,8th March 2022, ISSN: 0148-7191 https://doi.org/10.4271/2022-01-0049 .

4. **Mr Parashuram A K,** "Experimental studies on Oscillating Heat pipe using conventional and Nano Fluids" International Journal of Scientific research in science, Engineering and Technology, March 15, 2022, Volume 9, Issue 9, Page No: 175-184

5. **Dr Nagaprasad K S,** "Effects of Injecting Bio – Diesel from the used cooking oil and Graphene Nano Platelets on Performance, Combustion and Emission Characteristics of Diesel" International Journal of Scientific Research and Technology, March 15,2022 Print ISSN: 2395 – 1990 | Online ISSN: 294 – 4099, Volume 9, Issue 9

Achievement by Faculty:

1. **Mr. Harish U** has completed Comprehensive viva voce in the year 2021 from JSSATE, Mech R & D, for the title **"Study of Experimental Investigations on Erosion Resistant Tungsten Carbide Alloy Coatings for Inconel prevailing Gas turbine blades"** under the guidance **of Dr. Mruthunjaya.M, Associate Professor. Mech. Department, JSSATE,**

2. **Dr. UmashankarM** has been awarded Doctor of Philosophy from VIT, Chennai,Tamilnadu,India,in the year 16th June 2021 for the titled "**Tribilogical Studies onZinc Aluminium Cast Alloys"**.

3. **Mr. Parashuram A K** has completed Comprehensive viva voce in the year 2021 from KSIT, Mech R & D, for the title **"Experimental and theoretical studies on oscillating heat pipes using pure and binary mixture of fluids"**under the guidance of **Dr. K. RamaNarasimha, Princpal/Director, KSSEM, Bengaluru**.

4. Mega ATV Championship (Our students of KSGI (KSIT and KSSEM) participated in **Mega ATV Championship** on **15 May 2022**

5. Team Redline Racing, K S Institute of Technology has participated in the event e-BAJA 2022 organized by SAEINDIA at NATRAX, Pithampur. Indore from 1st June to 5th June 2022

"E-ATV an electrical car designed and manufactured by the KSIT students was unveiled by the President of Kammavari Sangam Sri R. Rajagopala Naidu. This redline racer is one among the two from Karnataka to participate in the Red Line racing event "

Achievements by students:

1. **Mr Darshan G**, student has represented the VTU, Belagavi in south zone/all India inter university tournament/competition of Best Physique and **won the 1ˢᵗ Prize,** which was held at Chandigarh University (Punjab) from 8ᵗʰ March to 12ᵗʰ March 2022

2. **Mr Sankarshan**, K S Institute of Technology, Bengaluru has represented the VTU, Belagavi in south zone/all India inter university tournament/competition of Base Ball (Men) held at SavitriBai Phule Pune University, Pune from 14th March to 18th March 2022

Funded Projects:

1. Project entitled "**FABRICATION OF SONAR GLASSES FOR VISUALLY IMPAIRED PEOPLE"** by Mr Harish B, Mr Darshan G, Mr K Jeevan Kumar, Mr Manoj A under the guidance of **Mr Rajesh G L**, Assistant Professor, Department of Mechanical Engineering, KSIT has been approved by the Council under "Student Project Programme - 45th Series (KSCST)"and sanctioned an amount of **Rs.6000/**

100% result in VTU University Examination

1	Mr. Manjunath B R	18ME51	Management and Economics
2	Mr. Ranganath N	18ME55	Fluid Power Engineering
3	Mr. Nagabhushana M	18ME72	Computer Aided Design and Manufacturing
4	Mr. Rajesh G L	18ME734	Total Quality Management
5	Dr. Nagaprasad K S	18ME735	Operations Research
6	Dr. Girish T R	18ME743	Theory of Plasticity
7	Mr. Parashuram A K	18ME81	Energy Engineering
8	Mr. Ranganath N	18ME822	Tribology
9	Mr. Prasad K	18ME81	Energy Engineering
10	Dr. Girish T R	18ME822	Tribology

ARTIFICIAL INTELEGENCE AND MACHINE LEARNING:

Events conducted by the Department:

1. The Department of AIML Organized Guest Lecture on **"Embark on entrepreneurial journey to follow your dreams"** by Mr. Sourav, Alumni of KSIT **on 23rd October 2021.**

2. The Department of AIML Organized Guest Lecture on **"Engineering to build something useful"** by Mr. A Vaidhyanathan, Managing Director, Personal Air Quality Systems Pvt Ltd, Bangalore **on 29thOctober 2021**.

3. The Department of AIML Organized Guest Lecture on **"Importance of innovation and soft skills"** by Mr. Bhasyam Mahendra Goud, Delivery Manager, Digital Assurance (GTT), Hexaware Ltd. **on 19thNov2021.**

4. The Department of AIML Organized Guest Lecture on **"Quantitative Aptitude",** by Mr. Chandrahasan, Visiting Faculty, Amruta Business School **on 17thDec 2021**

5. The Department of AIML Organized workshop on **"Introduction to Data Mining"** by Prof. Srinivas Katharguppe, Adjunct professor, Dept. of AIML, KSIT **on 25th July 2022.**

Events attended by Faculty:

1. **Prof. Anu Mathew** attended Faculty Development Programme on **"Outcome Based Education"** organized by KSIT, Bengaluru from 17 th to 19 th March 2022.
2. **Prof. Amulyashree** attended Faculty Development Programme on **"Helping Students Develop their code Writing Skills with Parsons Problems"**. Organized by BITES on 18th June 2022.

Publications in International Journals:

1. **Ms. Anu Mathews, "Text Based and Image Based Recommender Systems: Fundamental Concepts, Comprehensive Review and Future Directions"**

International Journal of Engineering Trends and Technology, vol.70, no.10, pp.124-143, 2022. Crossref, https://doi.org/10.14445/22315381/IJETT-V70I10P214, ISSN:2349-0918 (Scopus Indexed-Q4)

2. **Dr. Ram P Rustagi. "Gamified Approach to Learning Algorithm - Huffman Coding"** Advanced Computing and Communications, ACCS quarterly magazine, First quarter 2022.

Achievements by Faculty

Thesis Examiner:
1. **Dr. Ram P Rustagi,** was one of the Ph. D thesis examiners for IIT Bombay for the thesis titled: "Fostering network troubleshooting skills among CS undergraduates", 2022

Recognition:
2. Dr. Ram P Rustagi, Professor and Head of the Department helped the Member Board of Studies Chanakya University for **designing** the course curriculum for their BSc and BCA program.

Resource Person:
3. Dr. Ram P Rustagi was invited as Network Technology Advisor to design Campus Network Architecture for Dayanand Sagar University, Bangalore

100% result in VTU University Examination
1. Prof. Ram Rustagi 18CS32 Data Structure and Applications
2. Prof. Aruna Rao 18CS33 Analog and Digital Electronics

BASIC SCIENCE AND HUMANITIES:

Events conducted by the Department:

1. An Induction Program was conducted by the department to the first year students on 13th to 18th December 2021. Student Induction Program engages with the new students as they come into the institution before regular classes starts. At the start of the induction the students will be familiarized with the institution process, practices, culture and values.

Guidelines about Rules and Regulations to the students by the Principal

Orientation program by the HOD'S of various departments

Orientation program by the HOD'S of various departments

2. Power of Well Being and Mindfulness Event to the first year students conducted on 11th March 2022.

Presentation by Dr. Priyanga

Events Attended by the Faculty:

1. **Dr. Jalaja P,** participated in the 2nd International Conference on Recent Trends in Applied and Computational Mathematics (ICRTACM – 2021), held on the 8th and 9th October,2021 organized by the Reva University Bangalore.

2. **2. Dr. Renuka C** attended two day workshop on "Implementation of NEP 2020" organized by BMSCE on 15th and 16th November 2021.

3. **3 Dr. Renuka C** attended a National Conference on Implementation of NEP 2020 "Challenges and opportunities for Educational Institutions" organized by EPSI on 30th November 2021 Bengaluru.

4. **4.Ms. Shylaja K R** attended a National Webinar on innovation in catalysis for Sustainable Organic Synthesis on 20th July 2021 at SVCE Bangalore.

5. **Ms. Shylaja K R** attended a National Webinar on innovation in catalysis for Sustainable Organic Synthesis on 20th July 2021 at SVCE Bangalore

6. **5.Dr. S R Kirankumar** participated in the International E-Conference on recent Advances in Chemical, Physical and Biological Sciences (RACPBS-2021) on 29th to

30th June 2021, Organized by the department of Chemistry at HomiBhabha Centre for Science education TIFR Mumbai.

7. **6.Dr. S R Kirankumar** participated in the NAAC Sponsored National webinar on " Impact of Covid-19 Pandemic Crisis on Higher Education Institutions in Karnataka and its challenges" Organized by IQAC held on 20th July, 2021 at HKE Society Yadgiri.

8. **Dr. S R Kirankumar** participated in the National webinar on "Nuclear Radiation for Societal Applications" organized by Department of Physics and IQAC on 7th September 2021 at Dada Patil Mahavidyalaya, Karjat Dist- Ahmednagar (MS) India.

9. **Dr. S R Kirankumar** Participated in the International webinar on "Empowering Diversity in science" organized by the department of chemistry on 16th February 2022 at KNM, Nagpur and Association of (TIFR) Mumbai in Collaboration with (IUPAC).

10. **Dr. S R Kirankumar** Participated in the International one week Faculty Development Program on Research Methodology from 2nd May 2022 to 7th May 2022, organized by department of chemistry KNM, Nagpur, Maharashtra.

11. **Dr. Jalaja P,** participated in 3 Days Faculty Development Program on " Outcome Based Education" at K S Institute of Technology , Bengaluru from 17th – 19th March 2022.

12. **Dr. Jalaja P**, participated in **5** Days Faculty Development Program on "ICT Tools for Innovative Teaching & Learning Process" Conducted by the Department of Information Science &Engineering from 28th March – 1st April,2022 at RV Institute of Technology and Management, Bengaluru.

13. **Dr. Jalaja P**, participated in Faculty Development Program on **"** Problem Solving using Python Programming**"** organized by the Department of Mathematics, JSS Academy of Technical Education **,** Bengaluru during 29th and 30th June 2022.

14. **Dr S. R. Kiran Kumar** participated in 3 Days Faculty Development Program on " Outcome Based Education" at K S Institute of Technology , Bengaluru from 17th – 19th March 2022.

15. **Dr S.R. Kiran Kumar** Participated in IP Awareness/Training program under National intellectual property awareness mission organized by Intellectual Property office, India on 4th March 2022 .

16. **Dr S.R. Kiran Kumar** Participated in the INUP i2i on-line Familiarization Workshop on Nanofabrication and Characterization, held at IIT Kharagpur during 10th to 12th February, 2022.

17. **Dr S. R. Kiran Kumar** Participated in the National webinar on Trends in Modern Molecules and Materials Discovery held on 26th February 2022 organized by KL university department of chemistry Andhra Pradesh.

18. **Dr S.R. Kiran Kumar** Participated in the online Faculty Enrichment Program on " Needs and Metrics of Green Chemistry organized by department of chemistry, Vivekananda College, Tiruvedakam, Madurai on 31st March 2022.

19. **Dr Jalaja P**, Participated in Webinar on **"Data privacy and social media safety"** organized by the Digital Shakti , supported by Women Empowerment cell**,** (VTU) Bengaluru, on 07th June 2022.

20. **Dr S.R. Kiran Kumar** Participated in one day workshop on Chemistry Syllabus in Engineering and B.Sc. (Hon's) Course on 11th June 2022 at City Engineering College, Bengaluru.

21. **Mrs. Shylaja K.R** attended 3 days Faculty Development Program   on "Outcome Based Education" at K.S. Institute of Technology, Bengaluru from 17th-19th March 2022.

22. **Mrs. Radhika. N. P** attended 3 days Faculty Development Program on "Outcome Based Education" at K.S. Institute of Technology, from 17th-19th March 2022.

23. **Mrs. Radhika. N. P** participated in National level Webinar on "Advanced Bio Based Polymer Blends for Engineering Applications" conducted by department of chemistry, SJC Institute of Technology, Chickballapur, on 3rd June 2022.

Publications in International Journals:

1. **Dr. S.R Kiran Kumar** Published, "ZnO@MnO2 Nan composite Modified Carbon Paste Electrode for Electrochemical Detection of Dopamine", Elsevier-Journal Sensors International 2021. Vol. 8, Nos. 3, 2021, ISSN: 2666-3511.

2. **Dr. S.R Kiran Kumar** Published "Electrochemical Sensor for detecting Dopamine using Multiwalled Carbon Nanotubes by Catalyst Chemical Vapor Deposition Method, Journal of Elsevier-Physica B: Condensed Matter, Volume 620, 1 November 2021, 413137.

3. **Dr. S.R Kiran Kumar** presented a paper **"Development of ZnO-NiO Nanocomposites for the Electrochemical Detection of Dopamine using Modified Carbon Paste Electrode".** Journal of Chemical and Pharmaceutical Research, 2021, 13(8):01-10, ISSN: 0975-7384, CODEN(USA) : JCPRC5.

4. **Dr. S. R Kiran Kumar** presented a paper **"Development of CuO nanoparticles for the efficacy of voltametric response of dopamine and antimicrobial activity",** Springer 2021 proceeding in Materials, Series ISSN 2662-3161.

Achievements by Faculty:

1. **Dr. S.R Kiran Kumar** Chaired the Annual national Conference Jnana Chilume-2022 at faculty of Engineering & Technology, Jain University on 1st June 2022, Bengaluru.

100% RESULTS

1. Mrs Radhika N. P   - Engineering Chemistry - 21 CHE22
2. Mr. Santosh Kumar B. R - Basic Electronics & Communication Engineering 21ELN24
3. Mr .Parushuram   - Elements of Mechanical Enginnering 21EME25

PLACEMENT CELL:

Event Conducted By Department:

1. **TOEFL** conducted a Virtual webinar on **"Road to Study Abroad"** for 6th to 8th semester students on 9 June 2021

2. **Rare Minds** conducted a Virtual webinar on **"Scope and Possible career Opportunities"** for 6" semester students on 10th June, 2001

3. **Texas Review** conducted a Virtual webinar on **"Exclusive Prospect of Career Counseling& Innovative"** Abroad Educational Programs for 8th semester students on 16 June 201

4. **Indian Machine** tool conducted a Virtual webinar on **"Design Engineer-As A Successful Carrier Path For Fresh Engineers"** for 8 semester students on 17 June, 2021

5. **Textbook College Connect** conducted a Virtual webinar on **"How To Approach Gate 2022"** for 6 semeste rstudents on 18 June 2021

6. **TCS** conducted a Virial webinar on **"TATTVA CONNECT SESSION"** for 6 semester students on 21 June 2021

7. **The Skill Factory** conducted a **"Personal Development Programme"** for 6th semester students from 8^{th}July 2021 to 14 July 2021

8. JV Global conducted **"Personal Development Programme"** for 2 and 4 semester students from 8^{th}July 2021 to 13th July 2021

9. PLACEMENT DEPARTMENT conducted **"AN ORIENTATION PROGRAM FOR 7th SEMESTER STUDENTS"** on 11/10/2021

10. ORIENTATION PROGRAM conducted by **TCS** RECRUITMENT FOR 2022 BATCH -" by Training & Placement Officer Dr. HARISH for VII Semester students of all branches to brief about the TCS Freshers Hiring 2022 on 11th August 2021.

11. **TCS** Company Specific Training is Schedule on 6th, 7th & 8th October 2021 for final year students at KSIT Bangalore. Students who has registered for TCS NINJA HIRING Drive

12. Placement department has conducted an **orientation program** for 7th semester students on 11/10/2021 at conference hall.

13. **INFOSYS** - **Company Specific Training** is conducted on 28th, 29th & 30th October 2021 for final year students at KSIT Bangalore.

14. Placement Department conducted the Seminar on "**How to Study abroad"** on 23rd December at KSIT for 7th Semester Students from 2:30pm - 4pm at Seminar Hall Ground Floor.

15. Placement Department conducted **"Center of excellence"** in collaboration with Avaali Solutions at KSIT Campus in coordination with Computer Science Engineering Department on 24th May 2022 at 10.30 AM.

16. Placement Department conducted an **Orientation Session** to all the Unplaced students of all the Branches on 25th May 2022 at 10.00 AM in KSSEM Aryabhata Hall. And is Organized By: Pentagon Space Pvt. Ltd.

17. Placement Department conducted a Seminar on **"Job Opportunities for Mechanical Graduates"** for all the 3rd Year and 4th Year Students of Mechanical EngineeringDepartment on 23rd May 2022 at 10.00 AM in Conference Hall.

Placement Details:

S.No	NO OF ELIGIBLE STUDENTS	81	89	18	57	245
	NAME OF COMPANIES	CS	EC	ET	MECH	TOTAL
1	TCS	24	23	3	1	51
2	WIPRO	27	10	2	2	41
3	TECH MAHINDRA	11	2	0	0	13
4	IBM	1	2	0	0	3
5	SASKEN TECHNOLOGIES	0	7	0	0	7
6	LUMOS LEARNING	1	0	0	0	1
7	GUPSHUP TECHNOLOGIES	1	0	0	0	1
8	ZENSAR	2	0	0	0	2
9	DELTA X	1	0	0	0	1
10	HEXAWARE	9	3	0	0	12
11	AGILE POINT	2	0	0	0	2
12	SMOLLON	2	0	0	0	2
13	HIGH PEAK SOFTWARE	0	0	1	0	1
14	NTT DATA	12	11	0	0	23
15	TECHNOLOGICS	0	0	1	0	1
16	TURING MINDS	0	6	1	1	8
17	CAPGEMINI	4	10	4	0	18
18	MERCEDES BENZ	1	1	0	0	2
19	JUSPAY	1	0	0	0	1
20	PALLE TECHNOLOGIES	8	3	0	3	14

21	6D TECHNOLOGIES	2	1	0	0	3
22	V TIGER	3	1	0	0	4
23	QUEST GLOBAL	5	4	0	0	9
24	MITSOGO	1	0	0	0	1
25	LEADSQUARED	2	0	0	0	2
26	BYJUS	0	0	1	1	2
27	INFOSYS	18	10	3	0	31
28	NTT DATA	2	3	0	0	5
29	MPOKKET	4	1	1	1	7
30	HEALTH ASYST	1	3	0	0	4
31	L & T	2	0	0	0	2
32	CLARIVATE	0	2	0	0	2
33	SONATA SOFTWARE	3	4	0	0	7
34	ROBOSOFT	2	0	0	0	2
35	ECLINICAL WORKS	4	2	0	0	6
36	GHAROFFICE	0	3	0	0	3
37	COGNISURE	0	3	0	0	3
38	VITESCO TECHNOLOGIES	0	1	0	0	1
39	AVAALI SOLUTIONS	0	0	3	0	3
40	RINEX TECHNOLOGIES	2	1	0	0	3
41	HAPPIEST MINDS	0	2	0	0	2
42	MINDTREE	1	2	0	0	3
43	HUDL	0	1	0	1	2
44	PRESTO	0	1	0	0	1
45	BOSCH	5	14	0	0	19
46	HCL	1	1	0	0	2
47	KGPCo	0	1	0	0	1
48	Diognal Ops	0	1	0	0	1
49	VVDN TECHNOLOGIES	0	0	1	0	1

50	RAZOR PAY	1	0	0	0	1
51	Suprajit Technology	0	1	0	1	2
52	Wuerth Elektronik India Pvt Ltd.	4	0	0	0	4
53	SAKHA TECHNOLOGIES	3	0	0	0	3
54	ZUCITECH SOFTWARE SOLUTIONS	0	1	0	1	2
55	TEACHNOOK	2	0	0	0	2
56	TOYOTA	0	0	0	4	4
57	HP	1	0	0	0	1
GRAND TOTAL		**176**	**142**	**21**	**16**	**355**

National Service Scheme:

1. The NSS Unit of KSIT in the wings of National Service Scheme (NSS) organized 'REPUBLIC DAY' on 26TH JANUARY 2022. Dr.Dilip Kumar K, Principal of KSIT, Principal of Polytechnic Suresh Kumar, Dr. K V A Balaji, CEO of K S Group of Institutions, Dr.Sangappa, Director-Admissions PRO, the management cell, Mr. Naveen V, NSS PO and Mr. Umesh S, Physical Education Director inaugurated the function. All the Heads of the department, NSS committee members, teaching & non-teaching staff and NSS Volunteers were present in the event.

The president and the principal addressed the gathering. The invocation was led by a senior singing a patriotic song. The flag was hoisted by the dignitaries which was led by the national anthem. The president and the principal addressed the gathering. The crowd was dispersed and refreshments were given.

2. International yoga day was celebrated in KSIT campus on 21-06-2022 by NSS unit from 8:30am to 10:30am. The startedof with NSS volunteers warming up before doing yoga poses. Our principle also gave an head start by cheering up the students with his speech to maintain healthy mindset and body by regularly practicing yoga. Our seniors led the crowd by guiding how to do many asanas and meditation. In the end after an hour session enlightening of yoga breakfast was given to the students.

Suryanamaskara

3. The NSS Cell of KSIT under the umbrella of National Service Scheme(NSS) celebrated Blood Donation Camp on 13th June 2022 in KSIT campus. Chief Guest-Mrs.TriptiRao, Mrs. India 2017, Mrs.world Finalist 2017 Entrepreneur, Educator, Media Panelistand Keynote Speaker, Sri.R.LeelaShankar Rao, HonSecretory ,Kammavari Sangham and Sri.T.NeerajakhuluNaidu, Treasurer, Kammavari Sangham Grace the Occasion.

.

4. ENVIRONMENTAL DAY was celebrated in KSIT campus on 06.06.2022 by NSS UNIT OF KSIT at 2.50pm -3.30pm. All the volunteers took part in the event for celebrating environmental day organized by KSIT NSS unit. They planted several saplings of different

kinds. Students from all the semester came up front as a joint force to save mother Earth and to preserve and raise awareness about the deteriorating environmental conditions. The event went on successfully.

Principal and staff planting saplings

NSS Unit Celebrating Environmental Day

GRADUATION DAY:

K.S. Institute of technology (KSIT), Bengaluru organized graduation day ceremony at the Institute premises on 26th March, 2022 around 10.30 AM for the graduates of batches 2016-2020 and 2017-2021.

The dignitaries chief guest Dr. Gopalan Jagadeesh, Guest of Honour Mr. Gururaj Nayak along with management committee members including our Honourable Secretary Sri R. Leela Shankar Rao, President Sri. R. Rajagopal Naidu, Treasurer Sri. T. Neerajakshulu Naidu, CEO Dr. K. V. A. Balaji, KSIT Principal Dr. Dileep Kumar K, HOD CSE-Dr. Rekha B. Venkatapura, ECE –Dr. P. N. Sudha, ME-Dr. M. Umashankar, TCE-Dr. Chanda V Reddy, AI&ML-Dr. Ram P. Rustagi enter the Quadrangle in Procession.

Graduation Day Ceremony Parade

Graduation day procession

Graduation day procession

Dignitaries on Dias

The program started with Nadageethe followed by Invocation prayer by Sumukha and team. Further, the crowd was welcomed by our principal, Dr. Dileep Kumar k with a speech addressing Chief guests, members of management, PhD graduates, MTech, B.E graduates and parents, by emphasizing significance of the ceremony followed by president declaring the "Graduation Day Open"

Welcome to chief guest and guest of honor

Felicitation of chief guest and guest of honor

In the program totally 670 degree certificates of two batches 2019 -20 and 2020-21 were distributed by the dignitaries to the PhD, M. Tech and B. E graduates. The program was declared closed by President.

DEPARTMENT OF PHYSICAL EDUCATION & SPORTS:

Sl. No.	Tournament/Competition	Held at	Date	No. of Students	National/State/University/Zonal	Achievement
1	VTU ,Intercollegiate Athletic Meet (M&W)	SJCIT, Chickballapur	26th to 30th June 2022	8	Inter-Collegiate	Secured 4th place in long jump
2	VTU ,Intercollegiate ,Chess (M) Tournament	**TOCE, Bangalore**	**22nd & 23rd June 2022**	5	Inter-Collegiate	Participated
3	Annual Sports day (KSIT,KSSEM & KSSA)	UCPE, Ground Jnanabharathi	11th June 2022	1325	College level	Over all team champion ship secured Dept.of CSE
4	VTU , Inter Zone Intercollegiate Throw ball (Women) Tournament	KIT , Tiptur	9th& 10th June 2022	11	Inter Zone	Secured 4th Place

5	VTU Bangalore South zone Throw ball Tournament	KSSEM Bengaluru.	6th & 7th June 2022	12	Inter-Collegiate	Secured Winner's Trophy
6	Cricket selection (M)	GAT , Bengaluru	27th May 2022	4	selections trails	Participated

KSIT students have Participated in VTU Intercollegiate Athletic meet at SJCIT, Chickballapur from 26th to 30th June 2022

VTU Intercollegiate Bengaluru zone Chess Men & Women tournament held at The Oxford college of Engineering , Bengaluru. Our college Men team Participated in this tournament the event held on 22nd & 23rd June 2022

VTU , Inter Intercollegiate Throw ball (Women) Tournament held at KSSEM , Bengaluru on 6th& 7th June 2022 & KSIT Team Secured Winners Trophy

ANANYA 2K22

The cultural activities enhance the confidence level of the students thereby allowing them to perform better. These activities develop the personality of the students and assist them in shaping a good career. In fact, students can also leverage the advantage of participating and conducting in various activities. This year K.S INSTITUE OF TECHNOLOGY decided to have its annual fest ANANYA 2K22 after a gap of 2 years with the theme "ANRUTHA" meaning "BEYOND IMAGINATION" which was dedicated to the COVID warriors.

The team of Ananya consists of chief co-ordinators, faculty co-ordinators and student co-ordinators named as core committee, various clubs and core volunteers without whose help Ananya couldn't be a full fledged event. Their dedication towards the task and duties to meet the expectations for the much awaited event of Ananya was all worth to be successful.

The most awaited day for every individual was the final day, all the core committee members and the clubs came together to give a last bash of the event. The event was a fully fledged with a grand success. It was a lit in every ones eye.

The moment of meeting their celebrity Renowed Anchor and Actress Ms ANUSHREE was the Chief Guest of ANANYA 2K22. The Inauguration program started at 9.00 am in the morning with chief guest, Management, CEO, Principal, Chief Coordinator and Student core coordinators. The program went on with all the events scheduled there onwards till grooving to the DJ night, the efforts was all worth the end.

5KMarathon– KSGI PARISARA

Department of Electrinics and Communication in association with IEEE,WIE & SPS, KSIT organized a 5K marathon " **KSGI PARISARA"** on 4thJune 2022, sponsored by Gold's gym. This marathon is a short awarenessprogram to Save Environment From the 2nd week of May, the campaigningfor marathon had begun to make our fellow students of KSGI aware of theupcoming big event. The registrations began soon after the campaigning,thereby making an amazingly enthusiastic crowd. All the participants weregivenasweatshirt forthemarathon.

Winners of Marathon

Sports Day 2021-22

Department of Physical Education and Sports organized the Annual Sports Day on 11th June 2022 at UCPE stadium, Jnana Bharathi Campus, Bangalore University, Bangalore.

The programme started with an invocation song followed by march-past. The Chief Guest of the day was Dr. M. Shivaram Reddy , VTU Sports and Cultural Committee Member, PED of BMS College of Engineering. Sri Prajwal Krishna , Cricket ,Soft Ball & Hand Ball Player , Alumni of KSIT and Sri Jayanth Patil HH , Karate Player ,Alumni of KSSEM were invited as the Guests of Honor. They were welcomed by our beloved Principal Dr.Dilip Kumar K .

The Chief Guest addressed the gathering and shared the importance of sports. Our Honorable Secretary Sri R. Leela Shankar Rao mentioned the importance of sports extended in the college and encouragement received from the Kammavari Sangam. The Treasurer Sri. T. Neerajakshulu Naidu, Sri. M Yogamurthy , Internal Auditor , CEO Dr.K.V.A.Balaji , Principal K.Rama Narasimha of KSSEM and all the Department Heads and Staff were present on the occasion. Finally, the vote of thanks was proposed by Dr.Sangappa SB , PRO / Director, KSGI .

Totally the events conducted were, 10 (Men) and 8(women) in which 1325students participated. The Individual championship was bagged by 1.Kushal Kadam , 4th Sem Mech 2. Likhitha N , 8th Sem CSE. The Overall team championship for Department was taken by Dept of Computer Science

Success Rate of 2018 Batch Students:

Department	No. of students Admitted during 2018	No. of students passed in VII Semester	Percentage
B.E. CSE	124	118	95.16
B.E. E&C	111	106	95.50
B.E. Mech	80	61	76.25
B.E. TCE	22	20	90.90
TOTAL	337	305	90.50

IQAC Coordinator
K. S. Institute of Technology
BENGALURU - 560 109

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

Faculty Development Program is designed to enhance the skills, knowledge, and effectiveness of faculty members in higher education institutions. These programs are typically tailored to address the specific needs and goals of faculty members, providing professional development opportunities to support their teaching, research, and service roles within the academic community.

Events attended by Faculty

1. Mrs Soughandika Narayan attended a FDP on "Advance Concepts on Networking and Linux" from 31-05-2021 to 05-06-2021.

2. Mr.Harshavardhan J R attended a FDP on "Android Development" from 26-04-2021 to 01-05-2021.

3. Dr Deepa S R attended a FDP on "Artificial Intelligence" from 22-02-2021 to 26-02-2021.

4. Mrs. Jalaja P attended a FDP on "FDP on Orienting Applications & Conceptualized Aspects of Sciences & Humanities" from 21-07-2020 to 25-07-2020.

5. Dr. Kiran Kumar S attended a FDP on "AICTE Training program on"Advanced Manufacturing Techniques for Medical and Precision Engineering" from 04-01-2021 to 09-01-2021.

6. Mr. Venkataramana B S attended a FDP on "FDP on Application of Mathematics in Engineering" from 20-07-2020 to 25-07-2020.

7. Mr. Nagaprasad K attended a FDP on "Recent trends and advances in mechanical engineering" from 27-07-2020 to 31-07-2020.

8. Mr. Manjunatha.B.R attended a FDP on " Advanced materials and processing " from 12-07-2021to16-07-2021

9. Mr. Sunil Kumar N attended a FDP on "FDP on New generation solar cells" from 19-10-2020 to 23-10-2020.

10. Mr. M R Chowdappa attended a FDP on "FDP on Recent trends in Applicable Mathematics" from 27-07-2020 to 31-07-2020.

11. Mr. Harish U attended a FDP on "Advanced materials and processing" from 12-07-2021to 16-07-2021.

12. Mrs. Lakshmi C attended a FDP on "FDP on "Being a Super Teacher"" from 06-07-2020 to 12-07-2020.

13. Mrs. Shylaja K R attended a FDP on "FDP on "Material Synthesis and Characterization for Device Applications" from 31-08-2020 to 05-09-2020.

14. Mrs. Anuradha M V attended a FDP on "AICTE Work shop on"Inculcating Universal Human Values in Technical Education" from 19-10-2020 to 23-10-2020.

15. Dr.Chanda V Reddy attended a FDP on ""Future Wireless Communication: Standards & Technologies" from 24-05-2021 to 29-05-2021.

16. Mr.Ranganath.N attended a FDP on "Modern trends in engineering technology" from 04-06-2021 to 08-06-2021.

17. Mrs Vaneeta M attended a FDP on "Cyber Criminology and Network Security" from 23-11-2020 to 28-11-2020

18. Dr. Devika B attended a FDP on "Webinar on Advanced Antenna design and development for RF Communication" from 20-07-2020 to 25-07-2020.

19. Mr. Manjunatha.B.R attended a FDP on "Trends in automotive technology" from 17-05-2021 to22-05-2021.

20. Mr. Dileep J attended a FDP on "FDP on "image and signal processing"" from 04-01-2021to08-01-2022.

21. Dr. Dinesh Kumar D S attended a FDP on "FDP on "image and signal processing"" from 04-01-2021 to 08-01-2021.

22. Mr. Parashuram K attended a FDP on "Recent Advances and trends in mechanical engg and material science" from 27-07-2020 to 31-07-2020.

23. Dr. P N Sudha attended a FDP on "Microwave & Antenna Applications in 5G" from 08-12-2020 to 13-12-2020.

24. Dr. Surekha Borra attended a FDP on "Machine Learning with Python" from 13-07-2020 to 18-07-2020.

25. Mr.Ranganath.N attended a FDP on "Advanced nano materials and fabrication techniques and devices" from 10-08-2020 to 14-08-2020.

26. Mr. Santhosh Kumar B.R. attended a FDP on "Machine Learning using Python Programming" from 01-06-2021 to 05-06-2021.

27. Mrs. Vishalini Divakar attended a FDP on "Next Generation Wireless Communication: 5G Technology and its implementation" from 21-12-2020 to 26-12-2020.

28. Mr. Praveen A. attended a FDP on "Next Generation Wireless Communication: 5G Technology and its implementation" from 21-12-2020 to 26-12-2020.

29. Mr. Harish U attended a FDP on "Additive manufacturing" from 29-08-2020 to 02-09-2020.

30. Mrs. Jayasudha B.S.K. attended a FDP on "Mathematical Foundation of Machine Learning" from14-08-2020to21-08-2020.

31. Mr. Sampath Kumar S. attended a FDP on "Sensors & their Applications" from 13-07-2020 to 17-07-2020.

32. Mr. Sunil Kumar G.R. attended a FDP on "Next Generation Wireless Communication: 5G and Beyond" from 03-05-2021to 08-05-2021.

33. Mr. S. Christo Jain, attended a FDP on "Next Generation Wireless Communication: 5G and Beyond" from 03-05-2021to 08-05-2021.

34. Ms. Aruna Rao B.P. attended a FDP on "Next Generation Wireless Communication: 5G and Beyond" from 03-05-2021to 08-05-2021.

35. Mr. Anil kumar.A attended a FDP on "Advances in Machining, Manufacturing and Computing process" from 24-05-2021to 29-05-2021.

36. Mrs. V. Sangeetha attended a FDP on "Future Wireless Communication: Standard & Technologies" from 24-05-2021 to 29-05-2021.

37. Mr. Saleem S. Tevarmani attended a FDP on "NAAC Accreditation Process" from 23-11-2020 to 30-11-2020.

38. Mrs. Pragati P. attended a FDP on "Contemporary Research Trends in Electronics & Communication" from 06-07-2020 to 10-07-2020.

39. Mr. Harish U attended a FDP on "Advanced nano materials and fabrication techniques and devices" from 10-08-2020to 14-02-2020.

40. Mrs. Pooja S. attended a FDP on "Artficial Intelligence" from 04-01-2021 to 08-01-2021.

41. Mrs. Priyadarshini J Patil attended a FDP on "Recent Trends in Electrical Engineering" from20-07-2020to26-07-2020.

42. Mr. Sampath Kumar S. attended a FDP on "Sensors & their Applications" from 13-07-2020 to 17-07-2020.

43. Mr. Sunil Kumar G.R. attended a FDP on "Next Generation Wireless Communication: 5G and Beyond" from 03-05-2021to 08-05-2021.

44. Mr. S. Christo Jain, attended a FDP on "Next Generation Wireless Communication: 5G and Beyond" from 03-05-2021to 08-05-2021.

45. Mr Kumar K attended a FDP on "Emerging Trend in Cyber Security & Data Science" from 15-06-2021 to 19-06-2021.

46. Mrs.Beena K attended a FDP on "Feature Engineering in Data Science & Deep Learning Models" from 25-08-2021 to 29-08-2021.

47. Mr. Nagabhushana.M attended a FDP on "Recent Advances & Trends in Mechanical Engineering & Material Science" from 27-7-2020 to 31-7-2020.

48. Mrs. Tejaswini.M.L attended a FDP on "'Building Emotional Intelligence and Resilience Case Method of Experiential Teaching and Learning'" from 10-05-2021 to 14-05-2021.

49. Mr. Manjunatha.B.R attended a FDP on "Strength of materials-An effective teaching methodology" from 17-5-2021 to 22-5-2021.

50. Mr. Rajesh.G.L attended a FDP on "Recent Trends in Autombile engineering" from 17-5-2021 to 22-5-2021.

51. Mr. Ranganath.N attended a FDP on ""RECENT INNOVATIONS IN DESIGN & MANUFACTURING" from 24-05-2021 to 29-05-2021.

52. Dr.Saleem Khan attended a FDP on ""Data Analysis and Artificial Intelligence for Mechanical Engineers" from 28-06-2021 to 02-07-2021.

53. Mr. Harish.U attended a FDP on ""Advances in Materials & Manufacturing" from 12-07-2021 to 16-07-2021.

54. Dr.Nirmala.L attended a FDP on "Recent Trends in Mechanical Engineering" from 20-7-2021 to 24-7-2021

55. Mr. Parashuram K attended a FDP on "Advances and research in mechanical engineering" from 20-07-2020 to 24-07-2020.

56. Mr. Anil kumar.A attended a FDP on "Short term course on, "Enduring Trends in Hydraulic Control Systems: Past, Present & Future" from 22-03-2021 to 27-03-2021.

57. Mrs.Ranjitha K N attended a FDP on "Natural Language Processing" from 30-06-2020 to 04-07-2020.

58. Dr. Rekha N attended a FDP on "Webinar on Advanced Antenna design and development for RF Communication" from 20-07-2020 to 25-07-2020.

59. Mr. Satish Kumar B attended a FDP on "FDP on "Universal Human Values for Deeksharamba"" from 23-11-2020 to 27-11-2020.

60. Dr Swathi K attended a FDP on "Stemming Technologies – Concretes Industry and Academia" from 10-08-2020 to 14-08-2020.

61. Mr.Ranganath.N attended a FDP on "Cyber Security" from 08-02-2021 to 12-2-2021.

62. Mr Krishna Gudi attended a FDP on "Universal Human Values for DEEKSHARAMBH (Student Induction Program)" from 23-11-2020 to 27-11-2020.

63. Dr. Deepa S R attended a FDP on "Advance Computing & Allied Technologies in Computer Science" from 03-08-2020 to 8-8-2020.

64. Dr P N Sudha attended a FDP on "Advances in signal Processing and wireless communication" from 24-8-2020 to 29-8-2020.

65. MRs.Jaysudha BSK attended a FDP on "Advance topics and Applications of Machine Learning" from 31-08-2020 to 05-09-2020.

66. Mrs. Pragati P attended a FDP on "IOT on wireless sensor networks" from 27-7-2020 to 31-7-2020.

67. Mr. Krishna Gudi attended a FDP on "Insights into the Vacabulary of Modern Technologies" from 27-01-2020 to 31-01-2020.

68. Mr. Kumar K attended a FDP on "Machine Learning and Research Opportunities" from 15-06-2020 to 19-06-2020.

69. Mr.Prashanth H S attended a FDP on "Machine Learning and Research Opportunities" from 15-06-2020 to 19-06-2020.

70. Ms.Ranjitha K N attended a FDP on "Internet of Things" from 15-04-2020 to 19-04-2020.

71. Ms. Deepa S R attended a FDP on "IOT and Wireless Sensor Networkd" from 27-07-2020to31-07-2020.

72. Ms.Sneha Karamadi attended a FDP on "Cyber Security" from 02-12-2020 to 06-12-2020.

73. Ms.Vijayalakshmi Mekali attended a FDP on "Cyber Security" from 23-05-2020 to 27-05-2020.

74. Mr.Kushal Kumar B N attended a FDP on "Outcome Based Education" from 13-01-2020 to 18-01-2020.

75. Mr.Raghavendrachar attended a FDP on "Trends in Data Science" from 13-07-2020 to 17-07-2020.

76. Mr.Manjunatha.B.R attended a FDP on "Developments of solar energy applications" from 27-07-2020 to 31-07-2020.

77. Dr. P N Sudha attended a FDP on "Insights into the vocabulary of Modern Technologies" from 27-01-2020 to 31-01-2020.

78. Mr. Christo Jain attended a FDP on "Insights into the vocabulary of Modern Technplogies" from 27-01-2020 to 31-01-2020.

79. Mrs. Pooja S attended a FDP on "Insights into the vocabulary of Modern Technplogies" from 27-01-2020 to 31-01-2020.

80. Mr. Harish U attended a FDP on "Research methodology" from 17-01-2020 to 26-01-2020.

81. Dr. Surekha Borra attended a FDP on "Research Oppurtunities in Image Processing and Machine learning" from 29-06-2020 to 03-07-2020.

82. Dr B Sudarshan attended a FDP on "Five Days National Workshop on Outcome based Education and NBA Accreditation" from 13-01-2020 to 18-01-2020.

83. Mr. Sampath Kumar. S attended a FDP on "Applications of Optimization Techniques and Number Theory in Engineering science" from 16-01-2020 to 21-01-2020.

84 . Mr. Praveen A attended a FDP on "Cyber Security" from 02-12-2019 to 06-12-2019.

85. Mr. Saleem Tevarmani attended a FDP on "Python for Data science" from 01-06-2020 to 05-06-2020.

86. Ms. Pragati. P attended a FDP on "Recent IT Technologies ,writing Papers and Funding Proposals" from 20-06-2020 to 24-06-2020.

87. Mrs. Aruna Rao B.P attended a FDP on "Online Learning and Assessment System" from 18-06-2020 to 22-06-2020.

88. Ms.Bhargavi Ananth attended a FDP on "Engineering Statistics and Linear Algebra" from 31-12-2019 to 4-01-2020.

89. Ms.Veda. B attended a FDP on "5G Commnication networks and its future Perspective" from 06-01-2020 to 11-01-2020.

90. Ms.Mohanabica K M attended a FDP on "5G Commnication networks and its future Perspective" from 06-01-2020 to 11-01-2020.

91. Mr.Ranganath.N attended a FDP on "An Overview on teaching skills in Strength of materials" from 26-08-2019 to 30-08-2019.

92. Mr.Bharat Kumar attended a FDP on "Out come Based Education and NBA Accrediation" from 28-12-2019 to 01-02-2020.

93. Mr.Parashuram A K attended a FDP on "Out come Based Education and NBA Accrediation" from 28-12-2019 to 01-01-2020.

94. Mr. Harish.U attended a FDP on "Advanced Materials and applications" from 30-12-2019 to 03-01-2020.

95. Mr.Prasad.K attended a FDP on "Out come Based Education and NBA Accrediation" from 13-01-2020 to 18-01-2020.

96. Mr.Girish.T.R attended a FDP on "Out come Based Education and NBA Accrediation" from 13-01-2020 to 18-01-2020.

97. Mr.Anil kumar.A attended a FDP on "Out come Based Education and NBA Accrediation" from 20-01-2020 to 24-01-2020

98. Mrs. Devika B attended a FDP on "State of the Art in RF and wireless Communication Design" from 29-07-2019 to 02-08-2019.

99. Mr. Dileep J attended a FDP on "Research Methododlogy" from 26-07-2019 to 04-08-2019.

100. Mrs. Lakshmi C attended a FDP on "LaTex" from 17-04-2020 to 30-04-2020.

101. Mrs. Shylaja K R attended a FDP on "Insights into Vocabulary of Modern Technologies" from 27-01-2020 to 31-01-2020.

102. DR Surekha B attended a FDP on "Recent IT technologies writing papers and Funding Proposals" from 20-06-2020 to 24-06-2020.

103. Dr. Dayananda attended a FDP on "Insights into the Vocabulary of Modern Technologies" from 27-01-2020 to 31-01-2020.

104. Dr.Rekha B Venkatapur attended a FDP on "Cyber Security" from 02-12-2019 to 06-12-2019.

K.S.INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109

Annual Report on FDP attended by Teaching and Non Teaching 2019-20

Faculty Development Program is designed to enhance the skills, knowledge, and effectiveness of faculty members in higher education institutions. These programs are typically tailored to address the specific needs and goals of faculty members, providing professional development opportunities to support their teaching, research, and service roles within the academic community.

Events attended by Faculty

1. Mr. Krishna Gudi attended a FDP on "Insights into the Vocabulary of Modern Technologies" organized by K.S. Institute of Technology from 27 January to 31st 2020.

2. Mr. Kumar K attended a FDP on "Machine Learning and Research Opportunities" organized by Sapthagiri College of Engineering from 15th June to 19t June 2020.

3. Mr. Prashanth H S attended a FDP on ""Machine Learning and Research Opportunities" organized by Sapthagiri College of Engineering from 15th June to 19t June 2020.

4. Ms.Ranjitha K N attended a FDP on "Internet of Things" organized by National Institute of Technical Teachers Training and Research from 15th April to 19th April 2020.

5. Ms. Deepa S R attended a FDP on "Introduction to Machine Learning" by Course era from 25th July 2020.

6. Ms.Sneha Karamadi attended a FDP on "Cyber Security" organized by National Power Training Institute from 02-12-2020 to 06-12-2020.

7. Ms.Vijayalakshmi Mekali attended a FDP on "Cyber Security" organized by Velagapudi Ramakrishna Engineering College from 23-05-2020 to 27-05-2020.

8. Mr.Kushal Kumar B N attended a FDP on "Outcome Based Education" organized by Jyothy Institute of Technology from 13-01-2020 to 18-01-2020.

9. Mr.Raghavendrachar attended a FDP on "Trends in Data Science" organized MSRIT from 13-07-2020 to 17-07-2020.

10. Mr.Manjunatha.B.R attended a FDP on "Developments of solar energy applications" organized by BDT College of Engineering from 27-07-2020 to 31-07-2020.

11. Dr. P N Sudha attended a FDP on "Insights into the Vocabulary of Modern Technologies" organized by K.S. Institute of Technology from 27-01-2020 to 31-01-2020.

12. Mr. Christo Jain attended a FDP on "Insights into the Vocabulary of Modern Technologies" organized by K.S. Institute of Technology from 27-01-2020 to 31-01-2020.

13. Mrs. Pooja S attended a FDP on "Insights into the Vocabulary of Modern Technologies" organized by organized by K.S. Institute of Technology from 27-01-2020 to 31-01-2020.

14. Mr. Harish U attended a FDP on "Research methodology" organized by VTU from 17-01-2020 to 26-01-2020.

15. Dr. Surekha Borra attended a FDP on "Research Oppurtunities in Image Processing and Machine learning" organized by Chaitanya Bharathi College of Engineering from 29-06-2020 to 03-07-2020.

16. Dr B Sudarshan attended a FDP on "Outcome based Education and NBA Accreditation " organized by Jyothy Institute of Technology from 13-01-2020 to 18-01-2020.

17. Mr. Sampath Kumar attended a FDP on "Applications of Optimization Techniques and Number Theory in Engineering science" organized MSRIT from 16-01-2020 to 21-01-2020.

18. Mr. Praveen A attended a FDP on "Cyber Security" organized by ATAL Academy from 02-12-2019 to 06-12-2019.

19. Mr. Saleem Tevarmani attended a FDP on "Python for Data science" organized Raghu Engineering College from 01-06-2020 to 05-06-2020.

20. Ms. Pragati. P attended a FDP on "Recent IT Technologies ,writing Papers and Funding Proposals" organized by RIT from 20-06-2020 to 24-06-2020.

21. Mrs. Aruna Rao B.P attended a FDP on "Recent Online Learning and Assessment System" organized by Institution of Engineers from 18-06-2020 to 22-06-2020.

22. Ms.Bhargavi Ananth attended a FDP on "Engineering Statistics and Linear Algebra" organized by BMSCE from 31-12-2019 to 4-01-2020.

23. Ms.Veda. B attended a FDP on "5G Commnication networks and its future Perspective" organized by MSRIT from 06-01-2020 to 11-01-2020.

24. Ms.Mohanabica K M attended a FDP on "5G Commnication networks and its future Perspective" organized MRIT from 06-01-2020 to 11-01-2020.

25. Mr.Ranganath.N attended a FDP on "An Overview on teaching skills in Strength of materials" organized by at AICTE –VTU Joint Training Programme for Teachers from 26-08-2019 to 30-08-2019.

26. Mr.Bharat Kumar attended a FDP on "Out come Based Education and NBA Accrediation" organized New Horizom College of Engieering from 28-12-2019 to 01-02-2020.

27. Mr.Parashuram A K attended a FDP on "Out come Based Education and NBA Accrediation" organized New Horizom College of Engieering from 28-12-2019 to 01-02-2020.

28. Mr. Harish.U attended a FDP on "Out Advanced Materials and applications" organized by New Horizom College of Engieering from from 30-12-2019 to 03-01-2020.

29. Mr.Prasad.K attended a FDP on "Out come Based Education and NBA Accrediation" organized by Jyothy Institute of Technology from 13-01-2020 to 18-01-2020.

30. Mr.Girish.T.R attended a FDP on "Out come Based Education and NBA Accrediation" organized by Jyothy Institute of Technology from 13-01-2020 to 18-01-2020.

31. Mr.Anil kumar A attended a FDP on "Out come Based Education and NBA Accrediation" organized Rajarajeswari College of Engieering from 20-01-2020 to 24-01-2020.

32. Mrs. Devika B attended a FDP on "State of the Art in RF and wireless Communication Design" organized BMSCE from 29-07-2019 to 02-08-2019.

33. Mr. Dileep J attended a FDP on "Research Methododlogy" organized VTU, Belagavi from 26-07-2019 to 04-08-2019.

34. Mrs. Lakshmi C attended a FDP on "LaTex" organized Gopalan College of Engineering from 17-04-2020 to 30-04-2020.

35. Mrs. Shylaja K Rattended a FDP on "Insights into Vocabulary of Modern Technologies" organized K.S. Institute of Technology from 27-01-2020 to 31-01-2020.

36. DR Surekha B attended a FDP on "Recent IT technologies writing papers and Funding Proposals" organized Rajarambapu Institute of Technology from 20-06-2020 to 24-06-2020.

37. Dr.Dayananda attended a FDP on "Insights into the Vocabulary of Modern Technologies" organized K.S Institute of Technology from 27-01-2020 to 31-01-2020.

38. Dr.Rekha B Venkatapur attended a FDP on "MATLAB and LATEX" from 24-07-2019 to 28-07-2019.

39. Mr.Sampath Kumar attended a FDP on "Graphical Programming using NI lab view" organized DSATM from 28-6-2019 to 2-7-2019.

40. Mr.Saleem Tevarmani attended a FDP on "Cyber Security" organized ATAL Academy from 2-12-2019 to 6-12-2019.

41. Dr Surekha B attended a FDP on "Xilinx vivado Technique and Machine Learning Algorithm" organized NITTE Education Trust from 08-06--2020 to 12-06-2020.

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

Annual Report on FDP attended by Teaching and Non Teaching 2018-19

Faculty Development Program is designed to enhance the skills, knowledge, and effectiveness of faculty members in higher education institutions. These programs are typically tailored to address the specific needs and goals of faculty members, providing professional development opportunities to support their teaching, research, and service roles within the academic community.

Events attended by Faculty

1. Mr. Prashanth H S attended a FDP on "Insights into the Vocabulary of Modern Technologies" organized by at AICTE –VTU Joint Training Programme for Teachers from 22nd July to 26th July 2019.

2. Dr Sureka B attended a FDP on "Machine Learning Techniques and Tools " organized by at JSS from 17th December to 21st December 2018.

3. Mr. Saleem S Tevaramani attended a FDP on "Mr. Saleem S Tevaramani " organized by BNMIT from 10th June to 14th June 2019.

4. Ms.Shilpa. V attended a FDP "Analog VLSI Design" organized by DSATM from 24th June to 28th June 2019.

5. Mrs. Aruna Rao B.P attended a FDP "Analog VLSI Design" organized by DSATM from 24th June to 28th June 2019.

6. Mr.Bharat Kumar.K.R attended a FDP "Computational methods using MAT LAB" organized by at BNMIT from 10th June to 14th June 2019.

7. Ms. Srividya R attended a FDP "Advanced Research Trends in Speech and Image processing" organized by MVJCE from 21st to 25th January 2019.

8. Ms. Rekha N attended a FDP "Computational Methods for Partial Differential Equations using MATLAB" organized by BNMIT from 10th June to 14th June 2019.

9. Mrs. Sampath Kumar attended a FDP "IOT based Project design and development" organized by at AICTE –VTU Joint Training Programme for Teachers from 24th June to 29th June 2019.

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