



KAMMAVARI SANGHAM(R) - 1952  
K S GROUP OF INSTITUTIONS

# K.S INSTITUTE OF TECHNOLOGY

(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi & Accredited by  
NBA[CS,EC,MECH] , NAAC & IEI

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING 2022-2023

**PRERANA**  
INSPIRE TO INNOVATE



### STAFF CO-ORDINATORS:

**MRS. V SANGEETHA**  
**MRS. RAMYA KR**

### STUDENT CO-ORDINATORS:

**MS. BHAVANA**  
**MR. KIRAN V NARAYAN**  
**MR. GURUSHANKARA M**  
**MS. KEERTHANA S**

**VOL NO.9**

# K.S INSTITUTE OF TECHNOLOGY

## VISION

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

## MISSION

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

# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## VISION

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

## MISSION

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



## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

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

### PROGRAM SPECIFIC OUTCOMES (PSO'S)

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

### MANAGEMENT



SRI. R. RAJAGOPAL NAIDU  
PRESIDENT.



SRI. R. LEELA SHANKAR RAO  
HON. SECRETARY.



SRI. T. NEERAJAKSHULU  
TRESURER.

"It's good to look backhand reflect on what we have achieved as a community and the very purpose of publishing a annual newsletter is to highlight the activities and developments of the department, achievements of the staff, students, alumni and events organized. Newsletter reflects upon the commendable contribution made by the faculty and students a like we congratulate editorial the team for bringing out the 8th edition of PRERANA" .

-MANAGEMENT



**Dr. K V A BALAJI**  
Chief Executive Officer  
K S Group Of Institute

It is with absolute admiration that I take note of the Department of Electronics and Communication at KSIT that is fully committed to hone certain qualities among the students who enter this department and leave its portals after four years of learning, training and development. The department has been very successful in creating an ambience for its students to transform themselves into professionals with an edge to adopt and perform. The department believes that students should have an overall development through experiential learning and thus promotes a host of Club activities. Professional bodies like IEEE and WIE are very active by providing a platform for various activities. Abundant opportunities are created for the students to learn beyond the prescribed syllabus. Students are always motivated to do projects, both minor and major, through which they bring out their learning into practice and vice versa. The wonderful efforts of staff and students are being showcased in this Newsletter -"PRERANA 9". I am very glad to wish the committed staff and talented students of the department the very best in all their academic endeavours.



**Dr. DILIP KUMAR K**  
PRINCIPAL / DIRECTOR

Dear Staff and Students,

I congratulate editorial team of Electronics and Communication Department on this wonderful occasion of releasing the Department Newsletter "PRERANA VOLUME -9". This newsletter highlights the department achievements; events organized and participated by staff and students and 100% results. I am proud to say that our students are excelling in academics, sports and cultural activities. This participation and winning prove that our staff and students have brought laurels to KSIT and to the Department. I encourage the staff & students to become good leaders & to continue the excellent work in motivating others. My best wishes to the entire team.



**Dr. P. N. SUDHA**  
PROF & HEAD, DEPT. OF ECE

I would like to congratulate and thank our department editorial team for their excellent effort in summarizing the talent, achievements and mile stones achieved by our staff and students through the departmental newsletter. KSIT ECE department not only concentrates on academic activities but also the overall personality development of students by organizing various activities like innovative & creative thinking by inducing leadership qualities. KSIT is one of the pioneer Institute in providing technical education with ethical values. Our department has dedicated teaching and supporting staff to help our students to excel in their learning and creative thinking. Our experienced and well learned faculties help use to empower a diverse community of students to nurture their capabilities, transform their lives and to excel through high quality teaching and learning. The department is accredited by NACC and NBA. We encourage our students to participate in curricular and extra-curricular activities to shape them as leaders of tomorrow and to be industry ready engineers to face competitive world. Our department believes in the quotes "Education is not learning of facts, but training of mind to think". We ignite passion towards learning in our students.

## DEPARTMENT WELCOMES

- Mrs. Bhanumathi A - Asst. Professor
- Mrs .Kavya B M - Asst. Professor
- Mrs. Anita A - Asst. Professor
- Mrs. Suma Santosh - Asst. Professor
- Ms. Amrutha A - Asst. Professor

## LATEST TECHNOLOGY

### SELF-DRIVING / AUTOMATED CARS



- An autonomous car is a vehicle capable of sensing its environment and operating without human involvement. A human passenger is not required to take control of the vehicle at any time, nor is a human passenger required to be present in the vehicle at all. An autonomous car can go anywhere a traditional car goes and do everything that experienced human driver does.
- The dream of the self-driving car- you can get in, program your destination, ease the seat back, and let the car take you where you need to go.
- Self-driving cars are vehicles that fully operate without human intervention. Still, when discussing automotive assistance system's terminology no one agrees on what to call anything in this field. From engineering jargon to marketing speak, the lingo continues to evolve. Roughly speaking, we can sort the technologies people might refer to as the self-driving into two categories- driver support and automation systems.
- SAE international, a global association of engineers and related technical experts in the aerospace, automotive and commercial vehicle industry has laid out a useful framework for thinking about self-driving systems. It lists them as levels zero to five. However, not every level is classified as autonomous driving.

Level 0 through level 2: OFFER DRIVER SUPPORT FEATURES.

Level 3 through level 5: OFFER AUTONOMOUS CAPABILITIES.

- After all the development in the upcoming automated car technology there are various questions arising probably;
- CAN WE TRUST SELF DRIVING TECH??
- Recently, Tesla recalled its full self-driving beta technology in all its electric vehicles after the National Highway Traffic Safety Administration (NHTSA) said it's unsafe to use.



- Tesla advertises its automation systems more than any other U.S. automaker. Still, its advertising materials state, "Autopilot and Full Self-Driving Capability are intended for use with a fully attentive driver, who has their hands on the wheel and is prepared to take over at any moment. While these features are designed to become more capable over time, the currently enabled features do not make the vehicle autonomous."



## EVENTS CONDUCTED



- 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.



- 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



- 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.



- 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.



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



- 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.



- 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



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



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



- 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.



- 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 and 27th December 2022 IEEE



- 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.





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



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



- 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.



- 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.



- 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



- 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



- 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.



- 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 Garut club,IEEE on 15th March 2023.





- 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 ,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.



- 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.



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



- 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.



- 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.





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



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



- 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



- 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.



- 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.

## FDP ATTENDED BY FACULTY

### EVENTS ATTENDED BY FACULTY-TEACHING:

- 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 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. 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. 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

## FACULTY ACHIEVEMENTS

- 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 IEEEExtreme 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, Chennahalli, 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 Bharatiya Shaikshik Mahasangh 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 & glorified 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 Sawant.



- 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.

## PUBLICATIONS

### FACULTY PUBLICATIONS

#### BOOK PUBLICATION

- 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.

#### 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.[ ISSN: 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].



- 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. II, 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]

**PLACEMENT DETAILS****LIST OF PLACED STUDENTS FOR THE YEAR 2021-2022**

Sl. No	University Serial Number	Name of the Student	Name of the Employer
1	IKSI9EC003	AISHWARYA BASAVARAJ KEMBAVI	IMMENSHERE
2	IKSI9EC004	AISHWARYA M G	ACADEMOR
3	IKSI9EC006	AKSHITHA	ACADEMOR
4	IKSI9EC007	AMRUTA	IMMENSHERE
5	IKSI9EC009	ANITHA S	IMMENSHERE
6	IKSI9EC010	ANJALI Y J	LEKHA WIRELESS SOLUTIONS
7	IKSI9EC011	ARCHANA YADAV M	WINSPPARK INNOVATION LEARNING PVT
8	IKSI9EC015	CHAITRA P	ACADEMOR
9	IKSI9EC017	CHANDANA.L	INTELLIPAAT SOFTWARE SOLLUTIONS
10	IKSI9EC020	D NAYAN	LEKHA WIRELESS SOLUTIONS
11	IKSI9EC022	DAVINOJOSEPH	LEKHA WIRELESS SOLUTIONS
12	IKSI9EC023	DHANYASUKANTH B K	KEYENCEINDIYAPVT
13	IKSI9EC024	DHEEMANTHK N	ACADEMOR
14	IKSI9EC025	DISHASHIVANI	LEKHA WIRELESS SOLUTIONS
15	IKSI9EC027	GAYATHRI P K	HEXAWARE
16	IKSI9EC028	GAYATHRI R WARRIER	LEKHA WIRELESS SOLUTIONS
17	IKSI9EC032	HARSHITHA B Y	ACADEMOR



18	IKSI9EC033	HEMANTH.R. PATIL	KHUSHI INFOTECH
19	IKSI9EC035	JAGRUTI PAI	LUMOS LEARNING INDIA PVT.LTD
20	IKSI9EC037	KAMMA MANUBOLUMANOGNA	ACADEMOR
21	IKSI9EC038	KARTHIK K	HEARTISM
22	IKSI9EC039	KASHYAP P	TCS
23	IKSI9EC040	KRUPA A	LUMOS LEARNING INDIA PVT.LTD
24	IKSI9EC043	LIKITHA.H	IMMENSHERE
25	IKSI9EC044	M LOKESHWARI	INTELLIPAAT SOFTWARE SOLLUTIONS
26	IKSI9EC045	MANU N KANDRA	SONATA SOFTWARE
27	IKSI9EC046	MEGHANA H P	MAVEN SILICON
28	IKSI9EC050	MONISHA.B. K	LATTICE TECHNOLOGIES PRIVATE LTD
29	IKSI9EC051	N ANILA	LEKHA WIRELESS SOLUTIONS
30	IKSI9EC054	NITHIN D	CELSTREAM
31	IKSI9EC055	PAVANKUMAR G R	ACADEMOR
32	IKSI9EC063	PREETHAM G H	ACADEMOR
33	IKSI9EC064	PRIYANKA K	PCUB TECHSOLUTIONS
34	IKSI9EC068	RANGASWAMY.U	TCS
35	IKSI9EC069	ROHAN K R	LEKHA WIRELESS SOLUTIONS
36	IKSI9EC070	S K BHARATESH	ACADEMOR
37	IKSI9EC075	SAMIKSHA S	ACADEMOR

38	IKSI9EC076	SANTOSH HEGDE	LEKHA WIRELESS SOLUTIONS
39	IKSI9EC078	SHAMITHA BIJOOR	APPLIED SYSTEMS INDIA PRIVATE LIMITED
40	IKSI9EC079	SHASHANK KASHYAP H.R	LEKHA WIRELESS SOLUTIONS
41	IKSI9EC082	SHREYAS B ARADHYA	LEKHA WIRELESS SOLUTIONS
42	IKSI9EC084	SHREYAS V BHARADWAJ	ACADEMOR
43	IKSI9EC085	SHUBHAMKUMAR SINGH A	KOCH
44	IKSI9EC086	SINCHANA M N	STRATOGEN TECHNOLOGIES
45	IKSI9EC087	SRINIVAS S	ACADEMOR
46	IKSI9EC088	SRINIVASAN M	TCS
47	IKSI9EC092	SUMUKHA VASISHTA M R	INTELLIPAAT SOFTWARE SOLUTIONS
48	IKSI9EC093	SUSHMITHA S	LEKHA WIRELESS SOLUTIONS
49	IKSI9EC094	SWAGATH AITHAL P G	IMMENSHERE
50	IKSI9EC095	SWATHI U	IMMENSHERE
51	IKSI9EC096	T N L RUTHVIK	LEKHA WIRELESS SOLUTIONS
52	IKSI9EC098	THEERTHANA S R	STRATOGEN TECHNOLOGIES
53	IKSI9EC099	TUSHAR R VASISHTA	UPNEXTCAREER
54	IKSI9EC103	VIGNESH MUTHAIAH R	TCS
55	IKSI9EC104	VIKAS S	ACADEMOR
56	IKSI9EC106	VISHAL SANJAYRAJU	LEKHA WIRELESS SOLUTIONS
57	IKSI9EC107	VISHNURAATA YADUNANDAN	LEKHA WIRELESS SOLUTIONS
58	IKS20EC400	MADALA VIVEK KUMAR	SUSTAINABLE SKILLCAPITAL PRIVATE LIMITED



## STUDENTS ACHIEVEMENTS

- 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 Pratishtana on 17th December 2022.
- Vaishnavi V.H, participated in Seva Day 2022 organized by Hindu Seva Pratishtana on 17th December 2022.
- Rahul Krishna, participated in Seva Day 2022 organized by Hindu Seva Pratishtana on 17th December 2022.
- Yashilaa S, participated in Seva Day 2022 organized by Hindu Seva Pratishtana on 17th December 2022.
- Sumukha S, participated in Seva Day 2022 organized by Hindu Seva Pratishtana 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.
- Gurushankara M gave a guest lecture on Aeromodeling in NCC Annual Training Camp-2023 Organized by Commanding office Jakkur Bangalore in association with Garut club on 2/8/2023 to 3/8/2023.
- Sanjay P gave a guest lecture on Aeromodeling in NCC Annual Training Camp-2023 Organized by Commanding office Jakkur Bangalore in association with Garut club on 2/8/2023 to 3/8/2023.
- Shaik Arfath was a part of guest lecture on Aeromodeling in NCC Annual Training Camp-2023 Organized by Commanding office Jakkur Bangalore in association with Garut club on 2/8/2023 to 3/8/2023.
- Meghana N was a part of guest lecture on Aeromodeling in NCC Annual Training Camp-2023 Organized by Commanding office Jakkur Bangalore in association with Garut club on 2/8/2023 to 3/8/2023.
- Vidya I was a part of guest lecture on Aeromodeling in NCC Annual Training Camp-2023 Organized by Commanding office Jakkur Bangalore in association with Garut club on 2/8/2023 to 3/8/2023.
- Spoorthy MU was a part of guest lecture on Aeromodeling in NCC Annual Training Camp-2023 Organized by Commanding office Jakkur Bangalore in association with Garut club on 2/8/2023 to 3/8/2023.
- Vidya Rawal was a part of guest lecture on Aeromodeling in NCC Annual Training Camp-2023 Organized by Commanding office Jakkur Bangalore in association with Garut club on 2/8/2023 to 3/8/2023.
- Anagha Prakash was a part of guest lecture on Aeromodeling in NCC Annual Training Camp-2023 Organized by Commanding office Jakkur Bangalore in association with Garut club on 2/8/2023 to 3/8/2023.
- Anirudha R Bhat was a part of guest lecture on Aeromodeling in NCC Annual Training Camp-2023 Organized by Commanding office Jakkur Bangalore in association with Garut club 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 in QUIZ-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 Won first prize in IDEATHON-SPS DAY Organized by Dept. of ECE, KSIT on 06-02-2023.
- Gurushankara M Won first prize 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.
- Gurushankara M had attended IDEATHON organized by Sri Krishna Institute of Technology on 19-06-2023



## PROFESSIONAL BODIES AND CLUBS



IEEE Student branch has been recognized as one of the most active student branches by the IEEE Bangalore section. This student chapter has been highly involved in the technical development of students by conducting workshops & tech talks.



ISTE formulates & generates goals & responsibilities of technical education. Seminars, workshops, conferences are organized on the topic of relevance to technical education for engineering students as well as teachers



IETE focuses on advancing electro-technology. The vision of IETE is reaching the unreached & empowering youth through technical education & skill development. IETE conducts workshops & technical talks on various tech topics.



The Institution of Engineers (IEI) is the national organisation of engineers in India. IEI in KSIT promotes an environment to enable ethical pursuits for professional excellence.



Garut aerobatics club (GAC) in KSIT provides the students with various aero modelling workshops, technical talks & promotes environment to to professional excellence.



Antariksh - KSIT Student Satellite Club provides theoretical knowledge to applying them to building satellites. There is no barrier for any branch circuitry, design, data and communication.

## 100% RESULTS

### FACULTY FELICITATED FOR ACHIEVING 100% RESULTS

we are happy and proud to announce that ECE Department has achieved 100% results in the 8th Semester of the year 2022-23.

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

## FUNDED PROJECTS:

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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:

- 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 20224I060309A.
- 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 November2022 with IPR number 202022I063I8.



**TOPPERS LIST****ODD SEMESTER 2021****THIRD SEMESTER**

Sl. No.	USN	Name	Total Marks	Percentage
1	IKS2IEC040	KUSUMA M S	714	89.25
2	IKS2IEC077	RITHIKA M	700	87.5
3	IKS2IEC117	VIDYASHREE R	699	87.375

**FIFTH SEMESTER**

Sl. No.	USN	Name	Total Marks	Percentage
1	IKS2OEC057	MEGHA SHREE M	787	87.44
2	IKS2OEC104	SURAKSHA N	780	86.67
3	IKS2OEC068	PREMA G	773	85.89

**SEVENTH SEMESTER**

Sl. No.	USN	Name	Total Marks	Percentage
1	IKS19EC008	AMULYA R	714	89.25
2	IKS19EC025	DISHA SHIVANI	711	88.875
3	IKS19EC028	GAYATHRI R WARRIER	700	87.5

**EVEN SEMESTER 2022****FOURTH SEMESTER**

Sl. No.	USN	Name	Total Marks	Percentage
1	IKS2IECI20	VYSHAK G R	920	92
2	IKS2IEC040	KUSUMA M S	915	91.5
3	IKS2IEC077	RITHIKA M	911	91.1

**SIXTH SEMESTER**

Sl. No.	USN	Name	Total Marks	Percentage
1	IKS20EC068	PREMA G	717	89.63
2	IKS20EC039	JAMUNA S G	704	88.00
3	IKS20EC057	MEGHA SHREE M	697	87.13

**EIGHTH SEMESTER**

Sl. No.	USN	Name	Total Marks	Percentage
1	IKSI9EC027	GAYATHRI P K	464	92.8
2	IKSI9EC008	AMULYA R	457	91.4
3	IKSI9EC032	HARSHITHA B Y	455	91



# NOSTALGIA



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