

Editorial Board	
Dr.M.S. Raviprakasha	Principal, Rector
Dr. Vidyalakshmi K	Chief Editor
Dr.B.T.Muddesh	Publications Incharge
Associate Editors	
Dr. H.V. Jayaprakash	
Dr. Ravikiran B.S	
Members	
Dr. Annapurna T.L	
Mr. Pradeep M.N	
Dr. Puneeth Kumar D.N	
Mr. Praveen M	
Dr. Srinidhi G.A	
Dr. Sushma Prashanth	
Mrs. Hema H	
Mrs. Shaheena Khanum	
Mrs. Shwetha M.K	
Dr. Umadevi K.B	
Mrs. Nanda K.V	
Mrs. Jyothi.C	
Mr. Rudresh K.R	
Mrs.Lasya R	

Editors Message

There is a saying “Happiness is not found in things, but in moments and the way we choose to see them.”

It gives me immense joy to extend my heartfelt congratulations and appreciation to all our esteemed faculty members for their remarkable achievements in conferences and publications. Your dedication to research, knowledge-sharing, and academic excellence continues to inspire our entire college community. Each milestone you have reached is not only a personal accomplishment but also a proud moment for our institution.

I also take this opportunity to congratulate both faculty and students on the grand celebration of our much-awaited cultural fest, Kalothsava. This event is a true reflection of the creativity, talent, and enthusiasm that thrive on our campus. The vibrant participation and collective spirit showcased by everyone made it a memorable and meaningful celebration.

Let us continue this journey of excellence—shining in academics, research, and cultural pursuits—together. May the coming days bring us even more achievements to celebrate as one family.

Focus on FOCUS and be a part of it.

| **Dr. Vidyalakshmi K**, Chief Editor

Publications and Conferences

- Mr. C R Mohan Kumar, Asst. Prof., Dept. of ECE, presented a paper entitled “Design and Development of WE-Retail cart using IOT and Robotic Technology for Super market” at International Journal of Creative Research Thoughts and published in IJCRT, Volume 13, Issue 5, May 2025.

- Mr. C R Mohan Kumar , Asst. Prof., Dept. of ECE, presented a paper entitled “Automatic Train Collision Prevention system using RFID Technology” at International Journal of Creative Research Thoughts and published in IJCRT,volume 13 issue 4, May 2025• Dr. Kavayashree N, Asst. Professor, Dept, of MCA, published a

journal paper on“Enhanced Chromosomal Abnormality Prediction via Advanced feature Selection andMachine Learning: A Geo Dataset Approach” in the Journal of Environmental Protection and Ecology 26, N02 506-516, in May 2025.

- Mrs. Nanda K V, Asst. Prof, Dept. of MCA has presented the paper entitled “The Virtual Network Embedding: A Comprehensive Review of Strategies, Challenges, and Future Directions” in 3 rd IEEE International Conference on Data Science and Information System (ICDSIS – 2025) organised by Dept of ISE and Dept of CSE in association with Dept of CSE(AI&ML),

CSBS Malnad College of Engineering, Hassan on 16th –17th May 2025.

- Mrs. Sowmya K R, Asst. Prof., Dept. of EEE has published a paper entitled “RoboRescue: Intelligent Robotics for Pioneering Fire Detection and Extinguishing Using Arduino” in IJCRT on 7th May 2025.

- Mrs. Nayana G, Asst. Prof., Dept. of EEE has published a paper entitled “Enhancing Power Quality in Distributed Generation using Cascaded Multilevel

Student Publication

- Anudeep R, Amith H R, Adrush T R, Karthik H C presented a paper titled “Implementation of Applications of Piezoelectric Sensors” under the guidance of Dr. M C Chandrashekhara in the 16th International Conference on Recent Engineering & Technology 2025 at East West College of Engineering held on 16th and 17th May 2025.

- Nuthanya V, Usha A, Nandini R, Vivekanada M S presented a paper under the guidance of Sriraksha Devaraj with the title “ A Hybrid CNN-Xgboost Framework for Multi-Class Pneumonia Detection and Real-Time Web-Based Diagnosis” in International journal of creative Research Thoughts (IJCRT) on 5th May 2025.

- Mr. Balajigowda D K, Hitheshi G M, Abdul Hannan and Hemanth A M, 8th semester students

- Dept. of EEE have published a paper entitled “Robo-Rescue: Intelligent Robotics for Pioneering Fire Detection and Extinguishing Using Arduino” In IJCRT Journal on 7th May 2025.

Faculty Achievements

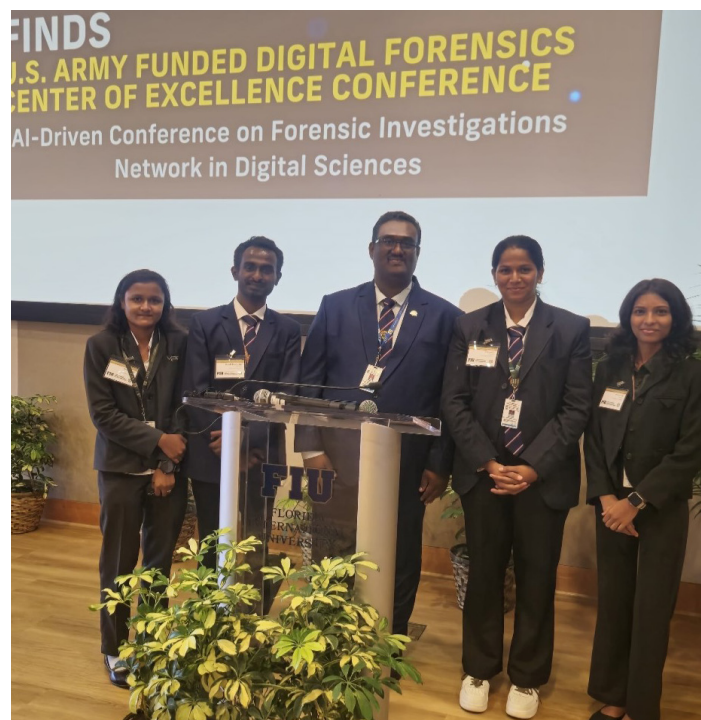
- Mrs Sujatha G S Asst. Prof., Dept. of CSE(CY) attended Three -Days Faculty Development program on Generative AI and Large Language Models(LLMs) organised by Department of CSE from 8th to 10th May 2025.

- Dr. Sharada Gupta M N, Asso. Prof., Dept. of ECE completed a 12 week NPTEL Course on “Machine learning for Engineering and science application” from January to April 2025.

- Mr. Nandan N, Asst., Prof., Dept. of EEE has successfully completed the course “Experimental Robotics” by SWAYAM NPTEL-AICTE- Faculty Development Programme course from Feb-March 2025.

Inverter Topologies with phase Disposition variable frequency PWM Technique” in the 16th International Conference on Recent Engineering and Technology held on 16th and 17th May 2025 at East West College of Engineering, Bangalore.

- Mrs. Likitha U N, Asst. Prof., Dept. of EEE has published a paper entitled “Solar Based EV Wireless Charging System” in IJCRT on 26th May 2025.



Dr Srinidhi G A, Asso. Prof., Dept. of CSE(CY) was invited as a speaker by Florida International University, Miami, USA in May 2025. He visited USA with 4 students from different branches. 6 papers in different titles were published as book chapters in the proceedings indexed by Springer.

- Dr. Mohan Kumar T P, Asst., Prof., Dept. of MCA, has successfully completed his Ph.D Viva-Voce conducted with the topic “A Novel Approach to Enhance Localization Accuracy in Wireless Sensor Networks” at SSAHE University under the guidance of Dr. Ramesh D, Professor and Head, Dept. of MCA, SSIT, on 19th May 2025

- Mrs. Anuradha G R, Asst., Prof., Dept. of MCA, has published a book titled “Comprehensive Guide to Data Visualization with Gganimale and Shiny in R” on May 15th 2025.

- Mrs. Anuradha G R, Asst., Prof., Dept. of MCA, has received appreciation certificate for the role as a judge in Techspire – 2025, organized by the Department of Artificial Intelligence and Machine Learning, SSIT, held on 17th May 2025.



Dr. Yogananda B S, Asso., Prof., Dept. of EEE has successfully engaged a session on “Industrial Automation using PLC and Embedded System” a three days workshop organized by Akshaya Institute of Technology Tumkur from 5th – 7th May 2025.



Mrs. Likitha U N, Asst., Prof., Dept. of EEE has successfully engaged a session on “Industrial Automation using PLC and Embedded System” a three days workshop organized by Akshaya Institute of Technology Tumkur from 5th – 7th May 2025.



Dr. Yogananda B S, Asso. Prof., Dept. of EEE has been recognized as a Judge in Techspire-2025 by the department of AIML on 17th May 2025 at SSIT Tumkur.

- Dr. Shilpa G N and Dr. Jagadisha K R, Asso., Prof., Dept. of EEE have recognized as a reviewer in International Journal of Innovative Research in Technology.

- Mrs. Sumaya Banu, Asst., Prof., Dept. of EEE has participated in 3 days Faculty Development Programme on “Generative AI and large Language Models” organized by CSE department, SSIT Tumkur from 8th-10th May 2025.

- Dr. Praveen Kumar C, Asso., Prof., Dept. of EEE has recognized as a reviewer in IEEE International Conference on Data Science and Information System organized by Malnad College of Engineering, Hassan on 16th-17th May 2025.

- Dr. Praveen Kumar C, Asso. Prof., Dept. of EEE has been recognized as a Judge in Ideathon-2025 by the department of IS on 17th May 2025 at SSIT Tumkur.

- Dr. Ashwini K, Asso. Prof., Mr. Kantharaju and Mrs. Sahana Rao, Asst. Prof., from Department of BME have attended 3-day FDP in “Generative AI and large language Models (LLMs)” organized by Department of CSE, SSIT.

- Dr. Ashwini K and Dr. Guruprasad S, Asso. Prof., Dept. of BME, were invited as a judge for the Project exhibition organized by CSE department SSIT in May 2025.

- Mr. Raghavendra D, Asst. Prof., Dept. of BME guided a project titled “Smart I-V dripping system” for 6th sem students which got a consolation prize in state level project exhibition CIVISTA-2025 organized by Civil Department, SSIT on 15th May 2025.

- Mr. Raghavendra D guided a project titled for 6th sem students who participated in a state level project exhibition CIVISTA-2025 organized by Civil Department, SSIT on 15th May 2025.

- Mr. Guruprasad T N, Asst. Prof., Dept. of Civil Engineering, has attended one day workshop on “Non-Destructive Testing and Evaluation of Structures (NTES-2025)” organized by Dept. of Civil Engineering, National Institute of Technology, Karnataka, Surathkal on 16th May 2025.

- Dr. Pradeep A.R., Asso. Prof., Dr. Sahana T S, Asst. Prof., Mrs. Supriya C B, Asst. Prof., Mrs. Hema H Asst. Prof., and Mrs. Kavya N Asst. Prof., Dept. of Civil Engineering, has participated in the 5 days FDP (Online) on “Empowering Educators with Future Technologies and Manufacturing (EEFTM-2025)” organized by Department of Civil & Mechanical Engineering of

Global Institute of Science & Technology, Purba Medinipur, W.B-721657 from 13th to 17th May 2025.

- Dr Pradeep A R, Asso. Prof., Dept. of Civil Engg., attended 5 days FDP on “Renewable energy integration in civil infrastructure: innovations and sustainable solutions” organised by Geethanjali College of Engg and Technology Hyderabad from 28th April to 2nd May 2025.

Student Achievements

- Mr Rakshith Gowda G 4th Sem student got first prize in Circuitrics-2K25 on 21st May 2025 conducted by Dept. of EEE, SSIT with a team name AEROPOD.

- Ms Varshitha B K, Ms Sneha G E, Ms Shreeja and Ms Thanushree L 4th Sem students got first prize in Technical Paper Presentation at CIT, Tumkur on 24th and 25th April

- Mr Prem Ranjith Verma K of 4th Sem got pitched up in FKCCI-MANTHAN for 2nd round and in a proceeding to final round.

- Kushal TS, Harshith Gowda, Evangeline Prasad, Deepika M studying in 6th semester stood second place in the CIVISTA-2025 Inhouse Project Competition organized by Civil Department guided by Prof. Shwetha M K.

- Tarun K L, Tarun Kumar V S, Manikanta M B, Dileep D B studying in 4th semester stood First place in the TechSpire-2025 Inhouse Project Competition organized by AIML Department, guided by Prof. Shwetha M K.

- Second year students Ganesh, Abhishek B, Krishna murthi, Lingaraj, Dept. of ECE, under the guidance of Dr. Komala K, Asso. Prof., Dept. of ECE, has actively participated and got Second place in a project Exhibition “UDBHAV” held at MRIT, Mandya on 12th May 2025.

- Mr. Sanjay Price Yadav, 6th semester student, Dept. of EEE has successfully completed the “Soft Skill Development” 8-week NPTEL course on May 2025.

- Ms. Gagana N Panegar and Mr. Dhruva V, 6th semester students Dept. of EEE have participated in a 3 days live workshop on Python Crash Course organized by Skill Disk during May 1st – May 3rd 2025.



Ms. Laiba Erum, 4th semester student of Dept. of EEE is a part of the Inforsys Springboard Pragati: Path to Future Program Cohort.



Ms. Sheeba Aaliyah K J, Mr. Abhishek G P and Mr. Yashwanth G, 6th semester students Dept. of EEE have bagged first place under the guidance of Dr. B S Yogananda during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.



Ms. Vidya Y N, Mr. Manish Kumar P N, Mr. Yashwanth V M and Mr. Madhu D S, 6th semester students Dept. of EEE under the guidance of Mrs. Shaheena Khanum have bagged First Place who participated in AVEEEShekar 2025 a state level exhibition organized by EEE branch, Vidya Vikas Institute of Engineering and Technology, Mysuru on 12th May 2025.



Ms. Manasa T, Ms. Harshitha S T, Ms. Kavya Nagaraj Harigol and Ms. Nandini K N, 6th semester students Dept. of EEE under the guidance of Dr. Shilpa G N have Bagged Third Place who participated in AVEEEshekar 2025 a state level exhibition organized by EEE branch, Vidya Vikas Institute of Engineering and Technology, Mysuru on 12th May 2025.



Ms. Harshitha S T, Ms. Kavya Nagaraj Harigol, Ms. Manasa T and Ms. Nandhini K N, 6th semester students Dept. of EEE under the guidance of Dr. Shilpa G N have bagged first prize at CIVISTA 25 organized by the Department of civil engineering, SSIT, Tumkur on 15th May 2025



Mr. Abhishek G P, Mr. Yashwanth G and Ms. Sheeba Aaliyah K J, 6th semester students Dept. of EEE under the guidance of Dr. Yogananda B S have bagged the first consolation prize at CIVISTA 25 organized by the Department of Civil Engineering, SSIT, Tumkur on 15th May 2025.



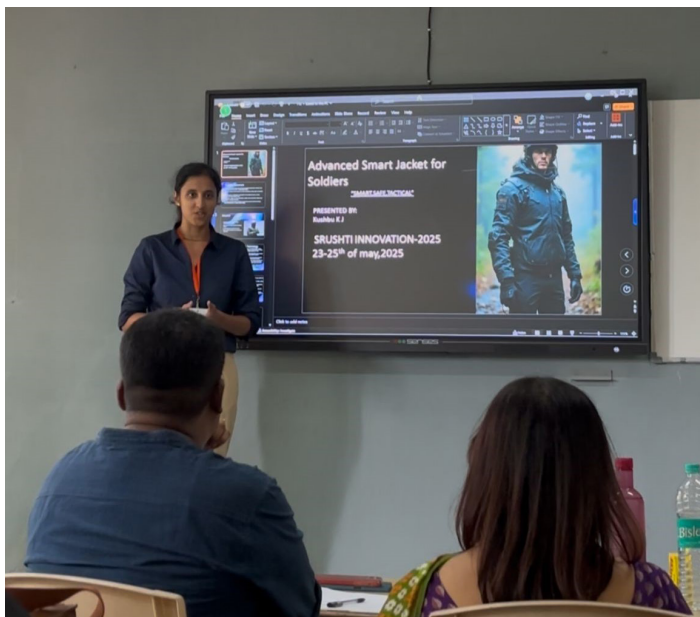
Mr. Jayanth H L, Mr. Raghavendra R, Ms. Keerthana R and Ms. Nandu Kumari G, 8th semester students Dept. of EEE under the guidance of Dr. Praveen Kumar C have bagged the consolation prize at CIVISTA 25 organized by the Department of Civil Engineering, SSIT, Tumkur on 15th May 2025.



Mr. R S Amruth, 6th semester student Dept. of EEE has secured second place in an event clash of Electrons part of INSIGNIA 25 held at SDM college of Engineering & Technology, Dharwad on 16th -17th May 2025.



Ms. Chaithra J S, Ms. Chethana H T and Ms. Bhavana K R 6th semester students of EEE department under the guidance of Dr. S K Girish have bagged the second prize at Techspire-2025 organized by the Department of Artificial Intelligence and Machine Learning, SSIT, Tumkur on 17th May 2025.



Ms. Khushbu K J, 6th semester student of EEE department has bagged a first prize in SRISHTI-2025 Ideathon, winning a cash prize of Rs. 20,000/- under the guidance of Dr. Praveen Kumar C, held at Acharya Institute of Technology, Bangalore from 23rd – 25th May 2025.

• Mr. Abhishek G S and Jeevika N, 6th semester students of EEE department have bagged a first place in IdeaThon organised by Dept. of EEE, SSIT, Tumkur on 17th May 2025.



Pradeep G R (22ME417), S S Sharma (22ME423), Suhas S (22ME428), Ullas M (22ME429) of 8th Semester students Participate and won the first place and award "Best Innovative Entrepreneur" in one day state level ENTREPRENEUR FAIR-"SSAHE SIDDHAM" organised by Department of MBA in SSIT, Tumkur on 07th May 2025.

• Final year students Kadamba S Raj, Harshitha G, Gagandeep D R, & Bindushree G Civil Engineering Department, have presented and secured 1st prize for their project work at MERAKI 2K25, a state level project exhibition organized by Department of Civil Engineering, RRIT, Bengaluru on 7th May 2025 under the guidance of Mr. Guruprasad T N, Asst Prof., Dept of Civil Engg.

• Gagandeep, Brunda, Bhavyashree and Karan G.S., students of 8th sem, Dept of Civil Engg., have received 3rd place for the technical project "sustainable manufacturing of drainage cover slab using recycled aggregates and geopolymer concrete", under the guidance of Mrs., Supriya C.B., Asst Prof., in CIVISTA-2025, a project exhibition organized by Department of Civil Engg., SSIT, on 15.05.2025.

• Hemanth Patel, Keerthi, Sinchana, Manasa and Kishan., students of 6th sem, Dept of Civil Engg., have received 2nd place for the hobby project "sustainable smartcity", under the guidance of Mrs., Supriya C.B., Asst Prof., in CIVISTA-2025, a project exhibition organized by Department of Civil Engg., SSIT, on 15th May 2025.

• Students of 8th sem, Dept of Civil Engg., have secured 2nd prize for the technical project "Towards a greener Future: Development of Bio-bricks and Bio-Pots using agro waste", guided by Dr. Usha S., Assoc Prof., in CIVISTA-2025, a project exhibition organized by Department of Civil Engg., SSIT, on 15th May 2025.

• Students of 4th sem, Dept of Civil Engg., with their project "Jal Jeevan Mission" guided by Dr. Usha S., have won the consolation prize under the civil hobby project category Assoc Prof., in CIVISTA-2025, a project exhibition organized by Department of Civil Engg., SSIT, on 15th May 2025.

• Mr. Pavan Kumar V, Mr. Prajwal Y, Mr. Puneeth M R and Mr. Shashank G, 8th semester students of EEE department have published a paper entitled "Solar Based EV Wireless Charging System" In IJCRT Journal on 26th May 2025.

• Ms. Priyanka U, 4th semester student Dept. of EEE, has been invited to participate and present her research paper in the US Army Funded AI-Enabled National Conference on Forensic Investigation Network in Digital Sciences Centre of Excellence on May 6th 2025.

Faculty Participation

- Mr. Sri Ramu D S attended Faculty Conclave-2025, organized by the IEEE Bangalore section in collaboration with IEEE North Karnataka Sub-section on April 6th, 2025 at KLE Technological University, Hubballi.

- Mr. Sri Ramu D S attended IEEE MTT-S Distinguished Microwave Instructor (DMI) Workshop Organized by, IEEE AP/MTT Joint Chapter Bangalore in collaboration with REVA University, Bengaluru on 26th April-2025.

- Prof. Nanda K V, Asst. Prof, Dept. of MCA has participated in the five days online National Level Faculty Development Programme on “The Foundations and Future of Quantum Computing”, organized by Department of Artificial Intelligence and Machine Learning held at Sri Sairam College of Engineering from 5th to 9th May 2025.

- Mrs. Sowmya K R, Assistant professor of EEE department has been appreciated for their valuable guidance and support as a project guide presented by students during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

- Ms. Nayana G, Assistant professor of EEE department has been appreciated for their valuable guidance and support as a project guide presented by students during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

- Dr. Shilap G N, Associate professor of EEE department has been appreciated for their valuable guidance and support as a project guide presented by students during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

- Dr. Ravi Prasad D, Associate professor of EEE department has been appreciated for their valuable guidance and support as a project guide presented by students during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

- 21. Dr. N Pradeep, Associate professor of EEE department has been appreciated for their valuable guidance and support as a project guide presented by students during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

- Mrs. Likitha U N, Assistant professor of EEE department has been appreciated for their valuable guidance and support as a project guide presented by students during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

bition held at MRIT Mandya on 12th May 2025.

- Dr. Nasreen Taj M, Assistant professor of EEE department has been successfully guided a student team in the hobby project at state level project exhibition CIVISTA 2025 organized by civil department, SSIT, Tumkur on 15th May 2025.

- Dr. B Rajesh Kamath, Professor of EEE department has been successfully guided a student team in the hobby project at state level project exhibition CIVISTA 2025 organized by civil department, SSIT, Tumkur on 15th May 2025.

- Mr. Guruprasad T N, Asst. Prof., Dept. of Civil Engineering, has attended one day workshop on “Non-Destructive Testing and Evaluation of Structures (NTES-2025)” organized by Dept. of Civil Engineering, National Institute of Technology, Karnataka, Surathkal on 16th May 2025.

- Dr. Pradeep A.R., Assoc Prof., Dept of Civil Engg., Dr. Sahana T S, Asst. Prof., Dept. of Civil Engineering, Mrs. Supriya C B, Asst. Prof., Dept. of Civil Engineering, Mrs. Hema H Asst. Prof., Dept. of Civil Engineering, and Mrs. Kavya N Asst. Prof., Dept. of Civil Engineering, has participated in the 5 days FDP (Online) on “Empowering Educators with Future Technologies and Manufacturing (EEFTM-2025) organized by Department of Civil and Mechanical Engineering of Global Institute of Science & Technology, Purba Medinipur, W.B-721657 from 13th to 17th May 2025.

- Dr. Sowjanya G V, Associate Professor, Department of Civil Engineering, has successfully completed the 12-week Faculty Development Programme on Concrete Technology, organized by NPTEL - AICTE and conducted from January to April 2025.

- Dr Pradeep A R attended 5 days FDP on “Renewable energy integration in civil infrastructure: innovations and sustainable solutions” organised by Geethanjali College of Engg and Technology Hyderabad from 28th April 2025 to 2nd May 2025.

Student Participation

- Ms. Siri D J, Ms. Trisha M K and Ms. Smitha T P, 6th semester students of EEE department have participated in the state level project exhibition CIVISTA 2025 organized by civil department, SSIT, Tumkur on 15th May 2025.



All the 2nd and 4th semester students of MCA, participated in the Flash Mob event of Kalotsava-25 (College fest) organized by SSIT on 16th May 2025



Mr. Abhishek G S, Ms. Jeevika N, Ms Prakhya L V and Ms. Nayana K S, 6th semester students of EEE department have participated during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

Ms. Vinutha D S, Ms. Sneha A J, Ms. Yashaswini N and Ms. Soundarya K, 6th semester students of EEE department have participated during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

Mr. Prajwal K S, Ms. Sai Thanushree K. T and Ms. S Vinutha Rawath, 6th semester students of EEE department have participated during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

Ms. Vijayalakshmi P, Mr. Samprith Basha, Mr. Sreeram R J and Mr. Siddu S, 6th semester students of EEE department have participated during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

Ms. Gagana N Panegar, Ms. Bhuvana N and Mr. Dhruva V, 6th semester students of EEE department have participated during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

Mr. Syed Rahimulla, Mr. Syed Faisal, Mr. Yashwanth V R and Mr. Ganesha L, 6th semester students of EEE department have participated during the UDBHAV 2025 project exhibition held at MRIT Mandya on 12th May 2025.

Ms. Ramya G, Ms. Nithyashree C S and Ms. Poojashree D R, 6th semester students of EEE department have participated in the state level project exhibition CIVISTA 2025 organized by civil department, SSIT, Tumkur on 15th May 2025.

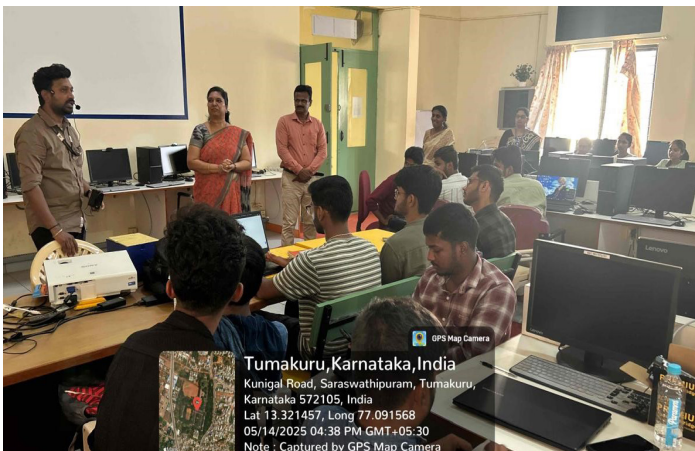
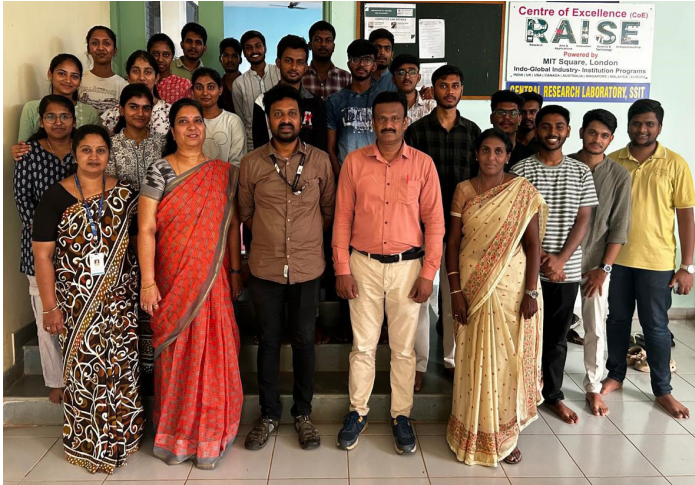
Department Activities



A one day online Refresher Course on "Introduction to Matlab" by Dept. of ECE in association with CoreEL Technologies was organized on 9th May 2025



Students of 4th sem Dept. of ECE visited GTTC Bangalore on 27th May 2025 which was coordinated by Dr.Komala K, Asso.Prof, Department of ECE.



Department of MCA and Department of CSE (Data Science) in association with MEVI Technologies, Bengaluru had organized a Five Days Value Added Course Program on “Django Fullstack” for 2nd semester students from 12th to 16th May 2025. Faculty Coordinators: Prof. Bhavani H S, Asst. Professor, Dept. of MCA.



The Head and Professors of Dept. of EEE have visited various industries for student internships and placements on 13th May 2025.

• 6th Semester students, Dept. of BME students were taken for a Blood bank visit at Ashwini Hospital, Tumkur, Coordinated by Dr. Purnima P S and Dr. Pradeep M N Asso. Prof., Dept. of BME.



69 students of Sixth Semester opted Open Elective subject “Renewable Energy Sources” have visited wind power plant at Chitradurga on 16th May 2025. The course co-coordinator Dr. B. Rajesh Kamath, Professor of Dept. of EEE had accompanied the students.



Dept. of EEE had organized a state level project exhibition, “CitcuiTRICS 2K25” on 21st May 2025, at SSIT, Tumkur.



Industry visit was organised for 6th semester Dept. of Mechanical Engineering students to Damodar bus body building Pvt Ltd, Vasanthanarasapura, Tumkur on 15th May 2025. The faculty coordinators were Dr Ravikiran, Dr Batluri Tilak Chandra, and Dr Annapoorna T L from Dept. of Mechanical Engineering.



• The Department of Civil Engineering at SSIT-Tumakuru, organized CIVISTA-2025, a state-level project exhibition held on 15th May 2025. The event provided a platform for students to showcase civil engineering and interdisciplinary hobby projects. A total of 64 projects were exhibited, with participants from institutions including SIT, SJBIT, NMIT, MCE, and several others, along with in-house teams.

College Events



Kalotsava-2025 the cultural fest of SSIT was celebrated on 23rd and 24th May 2025. Mr. Anirudh Jatar, Actor, Kannada Film Industry, Mr. Diganth Manchale, Actor, Kannada Film Industry, Mrs. Nidhi Subbaiah, Actress, Kannada Film Industry, Mr. Amish Kumar M, Zee Saregamapa singer, Season 20 were the chief guest of the event. Various cultural events and competitions like dancing, singing, fashion show etc, more than 25 events were organised for the fest.



Mr. Mohan Kumar, Asst. Prof., Dept. of MCA successfully completed his Ph.D final defence of the title “A Novel Approach to Enhance Localization Accuracy in Wireless Sensor Network”, on 19th May 2025 under the guidance of Dr. D Ramesh, Prof., and Head, Dept. of MCA

• A global PTM-Parents Teachers Meeting was organised on 6th May 2025. More than 50 parents had visited the meeting, to discuss about their children academics etc., and Dr. D Rajanaik, Professor, Dept. of Civil Engineering, Dean(HS) and Dr. Manjula Y, Associate Professor, Dept., of AI&ML, Dean(SA) were the Conveners.

• Dr. Sowjanya G V, Asso. Prof., Dept. of Civil, gave a lecture on the topic “Experimental Investigation on Properties of Self Curing Concrete with Artificial Fine and Coarse Aggregates”, as a part of “Lecture Series on Emerging Research Topics” – Second Series at SSIT on 16th May 2025.

Placement News

In the month of May 2025, several prominent companies visited the SSIT campus for placement drives and internship opportunities, reflecting the continued efforts of the Department of Training and Placement. Notably, two major companies successfully completed their recruitment processes: KPMG, which selected 4 students, and Accord212 HR Solutions Pvt Ltd (Indo-MIM), which selected 13 students, bringing the total number of students placed in May to 17.

In addition to these completed drives, multiple recruitment processes are currently in progress, with registration links shared for companies such as Toyota India Auto Parts Pvt Ltd, REVATURE, TCS, Hitachi, WebTec, Panacea Medical Technologies Pvt. Ltd, ProDhee Technologies Private Limited (Internship), Hashedin, Medtronic, and Jayadhi Limited (UK) Internship. These ongoing opportunities reflect a diverse range of sectors including automotive, healthcare, IT, and global internships, thereby providing students with a wide spectrum of career prospects. The department's proactive engagement with industry leaders and its commitment to student success is evident in the variety of companies involved and the number of placement offers secured. The efforts made during May 2025 have significantly contributed to the professional growth of students and will continue to do so through the upcoming recruitment activities.

June Notifications

- (i) Technodea
- (ii) SEE for all sem students
- (iii) Environment day celebration

Person of the month

Ruskin Bond 19th May 1934

Ruskin Bond, born on 19th May 1934 in Kasauli, Himachal Pradesh, is one of India's most celebrated and loved writers. Fondly known as the "writer on the hill," he has spent most of his life in Mussoorie, weaving stories inspired by the beauty of nature and the simplicity of small-town life. His literary journey began early—at just 17, he penned his first novel, *The Room on the Roof*, which won the prestigious John Llewellyn Rhys Prize in 1957. This marked the beginning of a remarkable career that would span decades and touch the hearts of millions.

Over the years, Bond has written more than 500 short stories, essays, and novels, creating a legacy that continues to inspire both young and old readers alike. His works often feature children, animals, and the hills of India, painted with warmth and simplicity. Some of his most famous works include *The Blue Umbrella*, *Rusty*, *the Boy from the Hills*, and *A Flight of Pigeons*—the last of which was adapted into the film *Junoon* by Shyam Benegal. His writing style is deeply accessible, filled with gentle humor, wisdom. What makes Bond's writing special is its timeless quality. He writes about ordinary people and everyday experiences but infuses them with extraordinary depth and tenderness. Whether it is the laughter of children, the stillness of a hillside, or the companionship of a pet, Bond reminds us to cherish the small joys of life.



His stories carry themes of innocence, friendship, love, and belonging, making them universally relatable across generations, and an enduring love for nature.

For his immense contribution to Indian literature, Ruskin Bond has been honored with several awards, including the Padma Shri in 1999 and the Padma Bhushan in 2014. Even today, at over ninety years old, he continues to write from his Mussoorie home, delighting readers with new stories. Through his words, Ruskin Bond has not only enriched Indian literature but has also become a companion to countless readers, instilling in them a lifelong love for books and the written word.

Quote of the month



“ Celebrate life in all its glory challenge yourself to let the routine sing, and thenew dance.”

| – Maximillian Degenez



Technical Article

Smarter Grains: How AI is Transforming Food Grain Classification and Grading

When farmers bring their harvest to the market, the quality of food grains is usually judged by visual inspection. Food inspectors assess color, shape, and cleanliness by simply looking at the grains. While this practice has been followed for decades, it is far from perfect. Manual inspection is time-consuming, tiring, and often biased, leading to unfair pricing and dissatisfaction among farmers. As demand for clean, ready-to-use food grains grows, it is becoming clear that traditional inspection methods can no longer keep up. What farmers need is a fair, fast, and reliable system.

This is where technology steps in. Imagine a system that can look at grains through a camera, analyze their features, and instantly tell their quality grade or whether foreign particles—like stones, sticks, or shells are mixed in. This is no longer science fiction—it's exactly what researchers are working on through machine learning and image processing**.

Relying on human judgment for grain quality has many drawbacks:

- Fatigue and human error,*
- Inconsistent grading between inspectors,*
- High workforce and labor costs.

- Shortage of trained experts. These challenges not only slow down the process but also affect farmers' incomes.

Towards an Automated Solution: Imagine a machine that can instantly look at grains and decide, What type of grain it is? How good the quality is? Whether it contains stones, sticks, or other foreign materials? This is exactly what automated food grain classification systems aim to do. By analyzing image features such as color, texture, and shape, these systems can grade grains with remarkable accuracy.

The demand for clean, ready-to-cook grains

has never been higher. Consumers expect purity, while markets need faster and fairer ways to evaluate grain quality. Manual inspections struggle to meet these demands. By contrast, an automated system can analyze thousands of grains in seconds, eliminate human bias and fatigue, reduce the need for a large inspection workforce, ensure fair pricing for farmers.

Real-World Applications

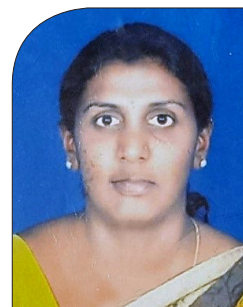
Robot-controlled shopping malls – Automated placement of grains on shelves with minimal human labor.

Robotic sowing machines – Identifying and grading seeds before planting, ensuring better crop outcomes.

Mobile apps for inspectors – Handy tools that allow inspectors to grade grains and detect foreign materials instantly.

Automating grain classification is more than a technological upgrade—it's about fairness for farmers, safety for consumers, and efficiency for industries. Farmers get the right price for their produce, consumers receive cleaner and safer grains, and industries save time and resources. With agriculture moving towards digital transformation, systems like these show how AI and robotics are sowing the seeds of the future.

What once relied on the tired eyes of inspectors can now be entrusted to smart machines powered by image processing, machine learning, and soft computing. The result is a win-win for farmers, consumers, and the food industry alike.



| Dr. Pushpalatha K R
 Associate Professor
 Dept. of CSE(DS)