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Editors Message

There is a saying, ‘State festivals remind us that our roots give us strength, our culture gives us identity, and our unity gives us pride’

Freedom in mind, strength in words, Purenness in blood, Pride in souls, Zeal in hearts, Lets salute the spirit of Karnataka. Warm greetings on the auspicious occasion of Kannada Rajyotsava. This day reminds us of the rich heritage, language, and culture of Karnataka, and it is a moment of pride and celebration for all of us.

I take this opportunity to sincerely appreciate our esteemed faculty members for their outstanding achievements in research and scholarly publications. Your dedication, perseverance, and commitment to academic excellence continue to enhance the reputation of our institution and inspire the academic community.

I also extend my heartfelt thanks to all faculty, staff, contributors, and supporters for your constant cooperation, encouragement, and collective efforts. Your support plays a vital role in the successful functioning and growth of our academic endeavors.

Let us continue to work together with the same spirit of unity, excellence, and commitment.

Happy Kannada Rajyotsava!

Focus on FOCUS and be a part of it .

| Dr.Vidyalakshmi K

Publications and Conferences

• **Dr Savitha C**, Assoc. Prof., Dept. of AI&ML has published the research paper titled “Privacy-Preserving and Tamper-Proof Data Collaboration in Pharma using Blockchain-Based Homomorphic Framework”, at International Journal of Engineering Development and Research, in Volume 13, Issue 4, 12th November 2025.

• **Dr. Supriya C B**, Asst. Prof., Dept. of Civil Engg, and **Dr. Sahana T S**, Assoc., Prof., & Head, Dept. of Civil Engg, have published a chapter titled “Development of Kerb Stone by Green Concrete with Complete Replacement of Aggregates by Recycled Materials”.

In: Pavan, G.S., Yaragal, S.C., Rao, K.S.N. (eds) Sustainable Built Environments: Challenges and Innovations. SIIOC 2024. Lecture Notes in Civil Engineering, vol 666. Springer, Singapore in November 2025.

• **Mr. Rakesh M**, Asst. Prof., Dept. of Civil Engg., presented a paper titled “Adsorption of basic dye from a synthetic wastewater-analysis with batch and column studies” in a 4th international conference on Transformation and Innovation Pathways to Sustainability organized by Dhanvantary College of Engineering and Technology, Ahmedabad on 15th November 2025.

- **Mrs. Bharathi N**, Asst. Professor, Dept. of CSE- has presented a paper entitled “Application of Haar Cascade Classifier in Facial Recognition: Implementation and Future Prospects”, at the 1st International Conference (NCASET 2025) organized by the Dept. of ECE, SMCE, Bangalore on November 2025.
- **Mrs. Bhoomika P**, Asst. Professor, Dept. of CSE has presented a paper entitled “ Adsorption of basic dye from synthetic waste water- Analysis with batch, column IoT, in the 4th International Conference on” Transformations and Innovations: Pathways to Sustainability” organized by Shree Dhavanvartary College of Engineering and Technology, Surat, in online mode, on 15th November 2025.
- **Dr Suresh M**, Prof., Dept of ECE., Harsha G, Research Scholar, SSAHE, presented a paper in kannada titled “Bhayakhasha Kshetradhalli Bharathadhalli Tayarisi Kuritu Tantrika Prabandha” at the National kannada technical seminar-2025 organized by kannada technical seminar, U R Rao satellite Centre, held at Satish Dhawan Auditorium, U R Rao Satellite Centre on 26th November 2025.
- **Mr. D Venugopal Chavan**, Asst. Prof. Dept. of EEE has published a paper titled “Wireless Multi-functional smart robot for border security surveillance with real time object detection” in Int. Journal JAAFR on vol 03, issue 11, November 2025.
- **Dr. Nasreen Taj M**, Assoc.. Prof. Dept. of EEE has published a paper in a National Conference on advances in sciences engineering and technology entitled “Role of Artificial Intelligence for improved management of breast cancer of enhanced diagnosis”, “Temperature estimation for a floating photovoltaic module by computational fluid dynamics modeling using COMSOL multi physics” and “Machine Learning- Assisted investigation of thin film solar cell degradation” organized by Dr. Sri Sri Sri Shivakumara Mahaswamy College of Engineering Nelamangala, on 7th November 2025
- **Dr. Shilpa G N** and **Dr. Nataraja**, Assoc.. Profs. Dept. of EEE have published a manuscript entitled Pressure Relief Valve Design and Optimization for Small Hydro Projects - A Research Perspective published in IRJI-ET with vol. 9, issue 11, pp 117-123, November 2025.
- **Dr. Kavyashree N**, Asst.. Prof., Dept. of MCA, has successfully published a paper titled “Machine Learning – Based Ensemble forest Boosted Classifier for Characterizing the Fetal Anomaly Based on Nuchal Translucency” in the Journal of Rare Cardiovascular Diseases, on 8th November 2025..
- **Dr. Jayaprakash H V**, Assoc. Prof., Dept. of

- CSE(DS) published an article entitled “Novel biomass inferred activated carbon decorated AC@ NiO nanocatalyst to produce high-quality bio-fuel from industry waste feedstock: RSM optimization and kinetic study” in the journal “Biomass and Bioenergy” Published by Elsevier (IF 5.8, Q1- Indexed in Scopus) in November 2025.
- **Dr. Ramesh D**, Prof., Dept. of ME., presented paper titled “Utilization of GGBS and PWSP as Fillers in Basalt Fiber Reinforced Epoxy Composite for Sustainable Applications” in the First International Conference on Advance Materials and Sustainable Technologies 2025 (ICAMST 2025) organized by Department of Mechanical Engineering ,NITTE MEENAKSHI Institute of Technology Bangalore held during 13th & 14th November 2025.

Faculty Achievements

- **Dr. Shilpa G N**, Assoc.. Prof. Dept. of EEE has been recognized as Series Editor for the book “New horizons in Economic, Finance and Development studies-Volume 6 2026” edited book series ID 027IIP2026SI_G5 on November 2025.
- **Dr. M. Nagaraja**, Professor, Department of Physics delivered a talk on “Quality Research Publications” for SSIT faculty organized by IQAC, SSIT on 19th, November, 2025.
- **Dr. M. Nagaraja**, Professor, Department of Physics has reviewed research papers for the reputed international journals “Materials Research Innovations (Taylor and Francis), Polymer Composites (Wiley). Next Research (Elsevier) and Results in Engineering (Elsevier)”.
- **Dr. Purnima P S**, Assoc. Prof., Dept. of BME, successfully completed the NPTEL course on “Electronic Systems for Cancer Diagnosis” with consolidated score of 78% and got NPTEL online certification, in November 2025.
- **Dr. Sumana L**, Assoc. Prof., Dept. of ETC has served as a reviewer to the 9th IEEE International Conference on computational Systems and Information Technology for sustainable solutions (CSITSS-2025), organized by the RV college of Engineering, held from 20th to 22nd November 2025.
- **Dr. Latha K**, Assoc. Prof., Dept. of BME, received her Ph.D. convocation from SSAHE University on 22nd November 2025. She was awarded the degree for her research titled “Design and Development of a Multimodal Biometric System Using ECG, Audio and Visual Cues,” carried out under the guidance of Dr. Raju A. S
- **Dr. Latha K**, Assoc. Prof., Dept. of BME suc-

successfully completed NPTEL course on “Electronic Systems for Cancer Diagnosis” with consolidated score of 69% and got NPTEL online certification.

• Under the guidance of **Dr. Raju A. S.**, Professor and Head, Department of BME Dr. Pavan G S received his Ph.D., convocation from SSAHE University on 22nd November 2025. He was awarded the degree for his research titled “An efficient deep learning for detection and severity analysis of chronic eczema and psoriasis.”

• **Dr. Ashwini K**, Assoc.Prof., Dept. of BME, was a session chair for 2nd IEEE International conference on “Software, Systems and Information Technology”, SSITCON- 2025 which was held on 17th and 18th October 2025 at SSIT, Tumkur.

• **Dr. Akshay J**, Asst. Prof., Dept. of Civil Engg., has been recognized as a valued reviewer and has contributed to the quality and success of “International Journal of Engineering Research and Technology” bearing ISSN : 2278-0181 during November 2025

• **Dr. Supriya C B**, Asst. Prof., Dept. of Civil Engg., has successfully completed degree of Doctor of Philosophy(PhD) dated 5th November 2025. The title of the thesis submitted is “Studies on fly-ash based recycled aggregates geopolymers concrete precast elements for sustainable development” at SSAHE, Tumakuru under the guidance of Dr. B H Manjunath, Professor and Former HoD, Department of Civil Engineering, SSIT, Tumakuru.

• **Dr. Raviram V**, Prof. and Head, Dept. of CSE has chaired two sessions at the International Conference on Intelligence, Information and Communication (IC3 MLA- 2025) organized by the Dept. of CSE, DBIT, Bangalore on 28th November 2025.

• **Mrs. Prathibha S B** has been awarded the Ph.D degree for her thesis titled “Transmission Control Mechanism to enhance Energy Efficiency and QoS in WSN”, under the guidance of Dr. M.C Supriya at SSAHE, Tumkur in November 2025.

• **Mr. Shivakiran N**, Asst. Professor, Dept. of CSE has successfully completed NPTEL online certification course on Cyber Security and Privacy, in November 2025.

• **Dr. Srinidhi G A**, Assoc.Prof., Dept of CSE(-CY), delivered Two invited talks for final year degree students at Ananya Institute of Commerce and Management, Tumakuru in November 2025.

• **Mrs. Maanasa M R**, Asst. Prof., Dept. of ECE., cleared 12 week course NPTEL exam in the subject “Digital Image Processing”, in November 2025.

• **Mrs. Nandini G R**, Asst. Prof., Dept. of ISE successfully completed NPTEL Course “Artificial Intelli-

gence: Concepts and Techniques” with a score of 80% and received Elite-Silver certificate, in November 2025.

• **Mrs. Sushma M**, Asst. Prof., Dept. of ISE successfully completed NPTEL Course “Data Structures and Algorithms Design” in November 2025.

• **Dr. Yogananda B S**, Assoc.Prof., Dept. of EEE has completed a webinar on Decentralized Power Sharing in Modular Power Converters by Alex J Hanson organized by IEEE PELS on 6th November, 2025.

• **Mrs.. Roopa T**, Asst. Prof., Dept. of ISE delivered a guest lecture on “Theory of Computation” organised by Dept. of ISE at R R Institute of Technology, Chikkabanavara, Bengaluru, on 28th November, 2025.

• **Dr. Naveen Kumar A N**, Assoc. Prof., Dept. of ISE and **Dr. Rashmi H C**, Assoc. Prof., Dept. of ISE served as a Judge in inter-college technical competition “Thinkathon-2025” organized by dept. of CSE, SSIT on 20th November, 2025.

• **Mr. Pradeep M**, Asst. Prof., Dept. of ISE visited the Bengaluru Tech Summit-2025 organised by the department of IT-BT, Government of Karnataka, which provided insights about the companies using new age technologies to develop their products and provide services on 20th November 2025.

• **Dr. Supriya M C**, Professor and Head and **Dr. Vidyalakshmi K**, Assoc. Prof., Dept. of CSE(DS) successfully completed NPTEL course on soft skills and Ms. Navyashree R, Assistant Professor, Dept. of CSE(DS) successfully completed NPTEL course on educational leadership during Jul-Oct 2025, and the results were out in November 2025

• **Dr. Vidyalakshmi K**, Assoc. Prof., Dept. of CSE(DS) was invited as a guest speaker for “Tech-moms” at seshadripuram english school on 12th November 2025.

• **Dr. Ravi Prasad D**, Assoc.Prof., and Mrs. Shaheena Khanum, Asst.Prof., Dept. of EEE have successfully completed the 8-weeks online NPTEL course “Developing Soft Skills and Personality” in November 2025.

• **Dr. Praveen Kumar C**, Assoc.Prof., Dept. of EEE contributed as Jury Member at Science Expo organized by SSSE Tumakuru on 29th Nov. 2025.

• **Mrs. Lasya R**, Asst. Prof., Dept. of ISE successfully completed two NPTEL Courses “Software Testing” and “Cloud Computing” in November 2025.

• **Mrs. H Ranjini**, Asst. Prof., Dept. of ISE successfully completed NPTEL Course “Introduction to Internet of Things” in November 2025

• **Dr. Yogananda B S**, Assoc.Prof., Dept. of EEE has been appointed as BOE member and invited for BOE meeting in Cambridge Institute of Technology, Bangalore on 24th November 2025



Dr. Yogananda B S, Assoc.Prof., Dept. of EEE was the Resource Person at Sheshadripuram college, Tumakuru organized by BCA department in association with IQAC on 13th November 2025.



Dr. Praveen Kumar C, Assoc.Prof., Dept. of EEE has been invited as a resource person organized by department of Civil Engineering, Siddaganga Institute of Technology, Tumakuru on 18th November 2025.

Student Achievements

- The students of 7th Sem Civil Engineering have participated in “Techzone Nationals 2K25” in JNNCE Shivamogga”: 1.Civil Top Gun 2.Surveyor’s Race 3.CADD clash 4.Prasthuthi. The following students participated in “Techzone Nationals 2K25” held at JNNCE Shivamogga.1.Sinchana K N 2.Keerthi N 3.Meghana K 4.Pallavi H V 5.Navyashree J, 6.Hemanth patel S 7.Kishan P 8.Afaq Mutahir Ahmed.
- Prem Ranjith Varma K** of 5th Sem, Dept of CSE(CY) has attended Google developers meet at Vidya Vikas Institute of Engineering and Technology, Mysore on 22nd November 2025.

- Jnanavi G Umesh, Harshitha KS, Pooja S D, Hemashree S** of 5th Sem, Dept of CSE(-CY) has successfully completed An Introduction to Cryptography an online non-credit course authorized by University of Leeds and offered through Coursera on 23rd November 2025.
- Mohammed Younus M** of 5th Sem, Dept of CSE(CY) has successfully completed 12 weeks course(July-Oct 2025) Practical Cyber Security for Cyber Security Practitioners with a consolidated score of 75% in November 2025.
- Pooja S D** of 5th Sem, Dept of CSE(CY) has successfully completed Cynux Cyber Security[CS-100] Course by CYNUX ERA in November 2025.
- C Aashika, Chaithra M S, Chandu Shree N, Sharmadha Ravi**, final year students presented a paper entitled “IoT Based Smart Health Monitoring System for Interference Suppression in ECG signal” held at RVCE IEEE International conference CSITSS2025 on 21st November 2025.
- Chiranjeevi**, M.Tech student got the permission to carry out project work in ISRO.
- Keval and Dhanik from 5th sem CSE(DS) secured 2nd Prize and Mohammed Roshan and Varun kumar from 5th sem CSE(DS) secured 4th place prize in Technical Quiz a national-level event conducted by Sri Devi Engineering College in November 2025.
- Mr. Yadukeerthi G**, 7th semester student, Mr. Yashwanth, 7th semester student and Mr. Venkatesh Srinivas Joshi, 5th semester student of Dept. of EEE projects have been selected and shortlisted for next stage for Yukti Innovation Challenge under AICTE productization Fellowship scheduled at M S Ramaiah University of Applied Sciences on 2nd December 2025.
- Ms.Ayesha Siddiqua** student Dept. of ISE of 2021 Batch received Best Outgoing Student award under Engg. stream by the university and honoured with Gold Medal in the 14th Convocation held on 22nd November 2025.
- Ms.Keerthana H N** Student Dept. of ISE of 2021 Batch received a Gold Medal for securing highest CGPA of 9.49 out of 10 in the 14th Convocation held on 22nd November 2025..
- Team of students from 2nd and 3rd year, Mr. Chandu D Student Dept. of ISE, Mr. Divyananda B C Student Dept. of ISE, Ms. Nayana K H Student Dept. of ISE and Ms. Rakesh K R Student Dept. of ISE secured “Best Thinking Award” in the technical event “Thinkathon-2025” organized by dept. of CSE, SSIT on 20th Nov 2025.



Mr. Venkatesh Srinivas, Joshi and Ms.Thanushree K S, 5th semester students of EEE department has participated and won the first place in a 24-hour National level competition “ARDUINOTHON-3.0” organized by Dept. of Electronics and Telecommunication Engineering, SSIT on 10th and 11th November 2025.



Ms. Ganavi MS, student of 2025 batch of Dept. of EEE has secured highest CGPA of 9.38 and won the Gold medal on 14th Convocation held on 22nd November 2025.

Placement News

The placement activities carried out during November 2025 for the 2026 batch at Sri Siddhartha Institute of Technology resulted in significant outcomes through campus recruitment drives and internship programs. During the month, a total of 148 students benefited from placement and internship opportunities, reflecting active industry participation and student involvement. Out of these, 22 students were selected for full-time placements, while 126 students secured internships across various organizations. A major highlight of November was the KPMG campus drive conducted on 18th November 2025, which led to the selection of 15 students, making it the highest number of placements from a single company during the month. Additionally, MRI Software selected 7 students, while companies such as Intimetec and Eleation participated without confirming selections in November. Internship opportunities formed the larger share of outcomes, with Nash Industries selecting 42 students, Q-Spiders 34 students, Dhee Coding Lab 20 students, and other organizations including Tap Academy, Pentagon Space, Global Quest Technologies, and Cloudnecare contributing to internship selections. Recruitment processes for companies such as Besant Technologies, Sobha Limited, Ocean Link Sea Services, and Kalvium are still in progress, indicating further placement potential in the coming months. Overall, November 2025 recorded 22 placement selections, with 15 students placed through KPMG, highlighting the effectiveness of the Training and Placement Cell in providing strong career opportunities for the 2026 batch.



Ms. Manasa N, Ms Manasa S, Ms. Megha A V and Ms. Neha Das, 5th semester students of Dept. of EEE have participated and won the second prize in IEE student branch, “Idea-Dual Express” project expo on 24th November 2025 at GM university Davangere.



The 16 students of Fifth semester of Dept. of EEE have attended “ATwoDaysNationalSymposiumon–Emerging Trends in Sustainable mobility and Transportation 2025” from 21st -22nd November 2025 at Bangalore organized by IEEE Industrial Electronics Bangalore.

Faculty Participation

- **Mrs. Vindya A S**, Asst.Prof., Dept. of AI&ML has attended six day's FDP on "The Agentic AI Paradigm: Architecture, Enabling Technologies, and Real World Application" organized at Presidency University, Bengaluru from 3rd to 8th November 2025.
- **Dr. Pradeep A R**, Assoc. Prof., Dept. of Civil Engg., Sri Siddhartha Institute of Technology Tumkur has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on "Disaster Mitigation and Resilience: A Framework for Future Infrastructure" at SREE CHAITANYA COLLEGE OF ENGINEERING from 27th October to 1st November 2025.
- **Dr. Pradeep A R**, Assoc. Prof., Dept. of Civil Engg., has attended webinar on "Artificial Intelligence in Civil Engineering" organised by Construction Management Training Institute on 22nd November 2025.
- Five faculty members Dept. of ECE, completed six days online FDP on "The Agentic AI Paradigm: Architecture, Enabling Technologies, and Real-World Applications" organized by Presidency School of Information Science, Presidency University, Bengaluru from 3rd to 8th November 2025.
- **Mrs. Hamsalekha N P**, Asst. Prof., Dept. of ECE., completed six days AICTE Training & Learning (ATAL) Academy Faculty development program on "AI for Industry 4.0: Bridging Academia and Industry Applications" organized by Global Group of Institutes held from 17th to 22nd November 2025.
- **Dr. M. Nagaraja**, Prof., Department of Physics participated in the "QiskitLab@Atria-Hands-On Quantum Programming Experience" at the Center of Excellence in Artificial Intelligence, Atria Institute of Technology, Bengaluru. held on 29th November 2025.
- **Dr. Sushma Prashanth**, Assoc. Prof., Department of Physics and Dr. Shilpashree K. S., Asst. Prof., Department of Physics attended Faculty Development Programme (FDP) "From Stress to Stability: Enhancing Wellness in Professional and Personal Life" on 21st November 2025 organized by IQAC, Sri Siddhartha First Grade College, Saraswathipuram, Tumkur.
- **Mr. Sriramu D S**, Asst. Prof., Dept. of ECE., completed six days AICTE Training & Learning (ATAL) Academy Faculty development program on "Microwave and Millimeter Wave Communication Technologies for Space and Defence Applications" organized by Jawaharlal College Of Engineering And Technology held from 27th October to 1st November 2025,

- completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on "Quantum Computing: Foundations, Algorithms, and Industry Applications for Next-Generation Technologies (QCFAIANGT)" organized by Jagan Institute Of Management Studies from 17th to 22nd November 2025 and participated in online MATLAB EXPO-2025 on 11th and 12th November 2025.
- **Dr. Keshavamurthy T G**, Assoc. Prof., Dept. of ECE., completed one day online Faculty Development Program on "Quantum Computing" organized by Department of Computer Science and Engineering, EASA College of Engineering and Technology, Coimbatore on 6th November 2025.
- **Mr. Harish S**, Asst. Prof., Dept. of ME., have Participated in five day ATAL FDP on "Innovation in space and Defense: Integrating AI, Cyber security, Advance Materials and Energy Solutions" organized at R .L .JALAPPA Institute of technology, Bangalore from 3rd to 8th November 2025.

Student Participation

- **Anu B Prashanth and Jyothi Lakshmi S** of 7th semester AIML department have published the research paper titled "Privacy-Preserving and Tamper-Proof Data Collaboration in Pharma using Blockchain-Based Homomorphic Framework", at International Journal of Engineering Development and Research, in Volume 13 Issue 4, 12th November 2025.
- **Mr. Divyananda B** C Student Dept. of ISE from 2nd year participated in the "Model Presentation" as part of the Innovation Ignite Symposium held at Shridevi Institute of Engineering and Technology, Tumakuru on 11th November 2025.
- **Aditya S Bhat** student Dept. of ISE, Bhargav M Student Dept. of ISE from 7th semester and Chandan Uttarkar Student Dept. of ISE from 5th semester, visited the Bengaluru Tech Summit-2025 organised by the department of IT-BT, Government of Karnataka, which provided insights about the companies using new age technologies to develop their products and provide service on 20th November 2025.
- **Sayyada Rida Aman and Shaik Mohammad ehtesham** from 5th Sem CSE (DS) participated in the workshop "Longitudinal Data Analysis for Clinical Trials and Observational Studies 2025" at St. John's Research Institute, Bengaluru.
- A team of 12 students from 3rd sem CSE (Data Science) participated in the inter-college technical competition "Thikathon" in November 2025.

Department Activities

- The Department of AIML conducted a Value-Added Course on “Python,” titled “PyNexus,” for 3rd semester students of AIML department, coordinated by Assistant Professor Ms. Vindya A. S., with Mrs. Haripriya R., Assistant Professor, AIML Department, and Mrs. Anuradha G. R., Assistant Professor, MCA Department, serving as resource persons, from 6th to 10th November 2025.
- A Memorandum of Understanding (MoU) was established between department AIML and Aikshetra Pvt. Ltd., Tumkur, on 11th November 2025.
- The Department of AIML organized an online technical talk titled “Campus to Corporate – Alumni Insights” on 13th November 2025, coordinated by Assistant Professor Ms. Chandana V, and delivered by alumnus Mr. Sricharan N, Full Stack Developer, KPMG India. The main objective of the session was to provide students with practical guidance and insights specifically aimed at helping them prepare for and crack the KPMG placement drive, while also exposing them to current industry trends, corporate expectations, and real-world technological practices to support their overall career readiness.
- The Department of AIML, under the Innovation Club, coordinated by Assistant Professor Mrs. Kavya R organized a competition “WEBATHON – 2K25” for the students of the 5th semester AIML Department on 12th and 13th November 2025, the main objective of this event was to accelerate practical skill development in dynamic web page creation and deployment under time constraints.
- The Department of AIML, under the Innovation Club, coordinated by Assistant Professor Mrs. Kavya R organized a one day workshop on Devops tools under the concept of collaborative learning under “OPSELEVATE” for the students of 5th semester AIML Department on 22nd November 2025, the main objective of this event was to accelerate the knowledge about modern tools particularly in the field of - Devops.
- A technical talk by Dr. S. G. Sreekanteshwara Swamy on “Discussion on Academic Projects for Engineering Students – under Student Project Program of KSCST” was organized by the Civil Engineering department to enlighten students about the opportunities and processes involved in participating in the Student Project Programme (SPP) initiated by the Karnataka State Council for Science and Technology

- (KSCST) on 4th November 2025. Coordinator: Dr. Sowjanya G V. Assoc. Prof., Dept. of Civil.
- A Mason Training Program for Head Masons was organized by the Department of Civil Engineering, Sri Siddhartha Institute of Technology, Tumkur, in association with the Shree Cement on 5th November 2025 and the program was coordinated by Dr. Sowjanya G V. Assoc. Prof., Dept. of Civil.
- Department of Civil Engineering organized a PTM meeting on 18th November 2025 and the meeting was coordinated by Mr. Rakesh M, Assoc. Prof., Dept. of Civil Engg.
- Department of Civil Engineering has made a MoU on 10th November 2025 with EduCADD Learning Solutions Pvt. Ltd., Tumakuru and SSIT, Tumakuru.
- Department of CSE(Data Science) organized Dattansh – Tech Treasure Hunt for all the students of CSE(DS) on 5th Nov 2025. (Co-ordinator: Shamsiya Parveen, Sunil Kumar B K).
- Department of CSE(Data Science) organized Peer-to-Peer Learning Sessions for all the students of CSE(DS) on 7th Nov 2025. (Co-ordinator: Shamsiya Parveen).
- Department of CSE has organized a talk on “Guidance to crack Campus Interviews” by proud Alumni Ankitha L and Vidyasagar M C, Associate consultants, KPMG, India under the banner of “Alumni Connect” on 9th November, 2025, in online mode, for final year students of CSE. Dr. Madhumala G, Asst. Prof., Dr. Gopala T, Assoc. Prof., and Dr. Bharath T S, Assoc. Prof., have coordinated the event.
- Department of CSE has organized a talk on “Campus to Corporate-An Inspirational Journey” by proud Alumna Bhavana T H, Associate Consultant, KPMG, India under the banner of “Alumni Connect” on 11th November, 2025, for final year students of CSE, in online mode. Dr. Madhumala G, Asst. Prof., Dr. Gopala T, Assoc. Prof., and Dr. Bharath T S, Assoc. Prof., have coordinated the event.
- Department of CSE has organized an Inter-College Thinkathon 2025 competition under Intent Club on 20th November 2025. Madhumala G, Asst. Prof., Dr. Bharath T S, Assoc. Prof., and Sharath Babu C G., Asst. Prof., have coordinated the event. Dr. Sujatha S R, Prof., Dr. Asha K R, Assoc. Prof., and Dr. Babitha M N, Assoc. Prof., were the judges for the event.
- Department of CSE has organized a Technical Talk on “Career Pathways in Data Engineering Skills, Tools & Opportunities” by Akash Putti, Data Engineering Consultant, Accenture, for Sec-

2nd year students of CSE, on 22nd November 2025 and the event being coordinated by the Dr. Babitha M N, Assoc. Prof., and Shwetha M K., Asst. Prof.

- Department of CSE has organized Value Added Course on “Django Full Stack Masterclass: Build, Deploy & Manage Modern Web Apps” for 5th semester A section students during November 2025 in Hybrid mode. Dr. Roopa N K, Assoc. Prof., Sindhu T N, Asst. Prof., and Aishwarya R, Asst. Prof., have coordinated the event.
- IEEE has approved the “Power Electronics society” to be added under the IEEE-SSIT chapter with Ref. No. 251122-000185 on 24th November 2025. Coordinator Dr. Yogananda B S and student coordinator Mr. Ganesh H, 5th sem.
- Department of ISE organized Fresher’s day and Inauguration of department fest Infusion along with Inauguration of two technical clubs IoT club-IOTFY and Coding club-DECODE on 4th Nov 2025. The event was inaugurated by our proud alumnus from 2014 batch Mr. Skanda R Bharadwaj Alumni Dept. of ISE, Software Development Engineer, IQVIA (Team Lead), Bengaluru.
- Department of ISE organized a talk on KP-MG Preparedness by our alumni Ms. Ayesha Siddiqah Alumni Dept. of ISE and Mr. Sharan M G Alumni Dept. of ISE, KPMG Global Services placed students of 2021 batch on 7th Nov 2025
- Department of ISE signed an MoU with Dlite Consultancy Services Pvt. Ltd. on 7th November 2025.
- Department of ISE organized sessions on “Devops” for 7th semester students from 3rd to 5th Nov as part of partial delivery of course contents by industry experts. The sessions were delivered by our Alumnus Ms. Prerana N G, Devops Engineer, TCS, Bengaluru and coordinated by Mr. Abhinav N D, Asst. Prof., Dept. of ISE.
- Talk on Academic projects for engineering students under Student Project Program of KSCST by Dr. Srikhanta Swamy, Research coordinator, SSIT was organized by Department of ISE on 7th November 2025.
- IoT club-IoTify of Department of ISE organized two-days Workshop on “Industrial IoT and Embedded Microcontroller” on 10th & 11th November 2025. The sessions were delivered by Mr. Prabhu Director, Avinya Networks and Ms. Manjula Coordinator, Avinya Networks, Bengaluru. Around 60 students from all 4 years participated in the workshop.
- Department of ISE organized Parents-Teachers Meeting on 24th November 2025 which was coor-

dinated by Mrs. Sushma M Asst. Prof., Dept. of ISE and Mrs. Lasya R Asst. Prof., Dept. of ISE.

- Students of III semester MCA organized inauguration of Branch Association – SYNERGY & Fresher’s day for I Semester students on 28-11-2025.



The Department of Robotics and Artificial Intelligence successfully organized a Technical Talk on “Recent Trends in Software Engineering” in association with Chaalanikrafts Info LLP. The session was delivered by Bhargava N. S, CEO of Chaalanikrafts Info LLP, on 7th November 2025, at the RAI classroom. The talk provided students with valuable insights into emerging software engineering practices and industry expectations. The event was coordinated by Ms. Vidyashree T C, Associate Professor, under the guidance of Dr. Manu S, HOD. The session saw active student participation and contributed significantly to enhancing technical awareness and industry interaction for the month.



Three Days Value Added Course on Digital Forensics and VAPT has been conducted for 5th Sem Students of CSE(CY) from 10th to 12th Nov 2025 in Paramm Cyber ARC, SSIT, Tumakuru.



The Dept. of Robotics and Artificial Intelligence, organized a two-day workshop titled “Foundations of Embedded System Design Using Arduino” on 13th and 14th November 2025 in collaboration with Sri Siddhartha EMBEDEX, SIIC. The workshop introduced participants to the basics of electronics and the Arduino platform, covering its architecture, programming, and practical implementation techniques. Students gained hands-on experience in building real-time embedded applications through guided experiments and mini-projects. Participants actively engaged in designing simple automation and robotics prototypes. The workshop was coordinated by Mrs. Kouser Taj, Assistant Professor, Dept. of Robotics & AI, and chaired by Dr. Manu S, Associate Professor and Head of the Department. Overall, the event successfully enhanced students’ foundational knowledge of embedded systems and encouraged them to pursue further learning in robotics and embedded technologies.



Visit to Smart City Command and Control Facility was organised for the students of 3rd Sem CSE(CY) on 21st November 2025.



Mrs. Nayana G, Assistant Professor of EEE department and coordinator for KSCST proposal writing for final year students have organized a technical talk on “Discussion on Academic projects for Engineering students-under student project programme of KSCST” for EEE department final year students on 3rd November 2025 at department seminar hall, SSIT, Tumkur.



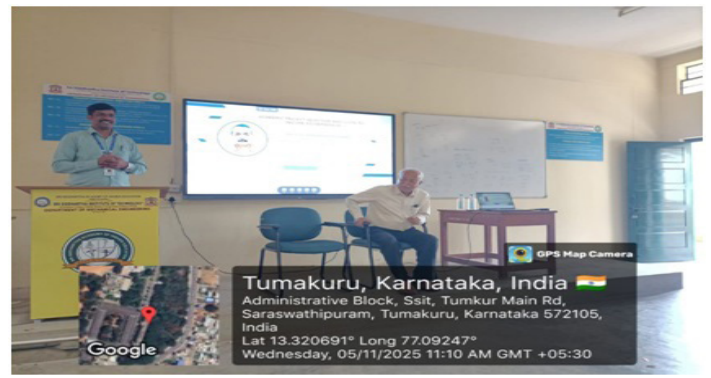
Walk-in Visit and Orientation session for all Engineering branches of SSIT has been Organised by SkillsDA in association with PARAMM Cyber Arc from 3rd Nov to 19th Nov 2025.



The 67 students of Fifth Semester Open Elective subject “Fundamentals Illumination Engineering” have been visited Barokha hydro power plant and solar power plant at Simsha on 7th November 2025 organized by Dr. Rajesh Kamath.



The 61 students of Fifth Semester Open Elective subject “Energy Conversion Techniques” have been visited to Barokha hydro power plant and solar power plant at Simsha on 7th November 2025 organized by Dr. Ravi Prasad D.



Department of Mechanical Engineering organized a Technical Talk on “Discussion on Academic Project Selection and scope to become Entrepreneurs” for Final Year Engineering Students – under Student Project Programme (SPP) of KSCST” on 5th November 2025. Resource Person: Dr. S. G. Sreekeswara Swamy. The session provided valuable insights to students on preparing and presenting quality academic projects under the SPP initiatives and it is coordinated by Dr Batluri Tilak Chandra, Associate Prof, Dept. of ME.



Dr. Yogananda B S, Associate Professor, Mrs. Shaheena Khanum, Ms. Priyanka N M, Mrs. Nayana G and Mrs. Likith U N, Assistant professors of EEE department have visited TMEIC industry on 18th November 2025 for the betterment of students in achieving projects and internships



Technical talk was organised to 3rd and 5th semester Mechanical Engineering Students on “Future Ready Mechanical Engineering, up skilling with ERP, AI Industry 4.0” by the Speaker Mr Bhargava N S, CEO, Chaalanikrafts info LLP, on 13th November 2025. Coordinated by Dr Annapoorna T L, Associate Prof, Dept. of ME.



The EEE department have organized a revision/remedial class for first year “Basic Electrical” subject from 3.15-5.15 pm on 20th November 2025 by Dr. Praveen Kumar Cat Step seminar hall, SSIT.



Industry visit was organised for 7th semester Mechanical Engineering students to Rajmane Innovations, Dabaspete, Tumkur on 19th November 2025. The faculty coordinators are Dr Ravikiran and Dr Annapoorna T L from Dept. of ME.



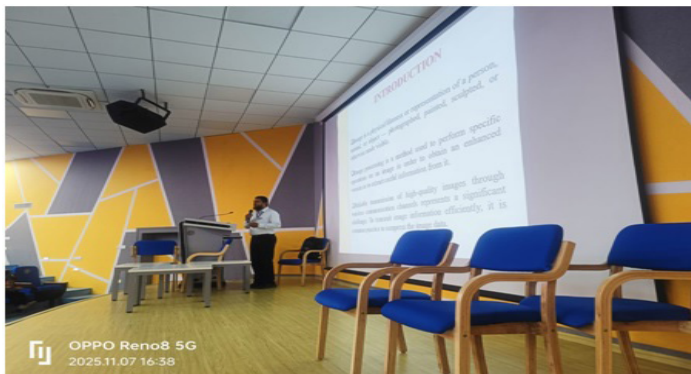
Industry visit was organised for 5th semester ME students to Nikhil's Adhesives Pvt Ltd, Vasanthanarasapura industrial area, Tumkur on 3rd November 2025 and Dr Ravikiran, Dr Batluri Tilak Chandra, and Dr Annapoorna T L were the faculty coordinators.



Students of 3rd semester MCA organized inauguration of Branch Association – SYNERGY & Fresher’s day for 1st Semester students on 28th November 2025.

College Events

In the ever increasing requirement to support research and development among students and young faculty, in various domains of cutting edge Technology the “Lecture Series on Emerging Research Topics” is organised every week to help researchers to get motivated besides giving the elite platform for the successful researchers to present their innovative research topics. The below is the scheduled tasks:



Dr. Ghouse Ahmeed Z, Asst., Prof., Dept. of ECE with the title “High Definition Image Error Concealment using Novel Encoded Image Data Hiding over Wireless Channel” on 7th November 2025.



Dr. T S Bharath, Assoc. Prof., Dept., of CSE with the title “Secure and Dynamic Masking of Sensitive Big Data using Substitution Method” on 28th November 2025.



The Internal Quality Assurance Cell (IQAC) organised an orientation session on “NIRF Process and Quality Research Publications” on 19th November 2025. Dr. M Nagaraja, Professor, Dept. of Physics, SSIT, Tumakuru gave a talk on the topic “Publication of Research papers in Quality Journals”. Dr. Guruprasad S, Assoc. Prof., Dept. of BME gave a talk on the topic “NIRF Awareness and Institutional Benchmarking”



Dr. Divya Prabha, Associate Professor, Dept. of ECE took charge as Dean (SA) on 2nd November 2025.

• 14th Annual convocation was organised by on 22nd November 2025, at SSAHE in presence of Dr. G Parameshwara, Honorable Chancellor, SSAHE, Honorable Home Minister, Government of Karnataka, Shri Jairam Ramesh, Former Union Minister, Govt., of Karnataka, Dr. K P J Reddy, and Shri Swami Japananda Ji Maharaj were the chief guests.

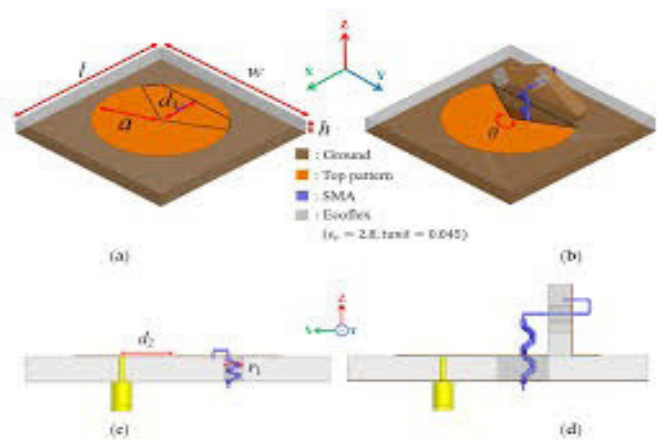
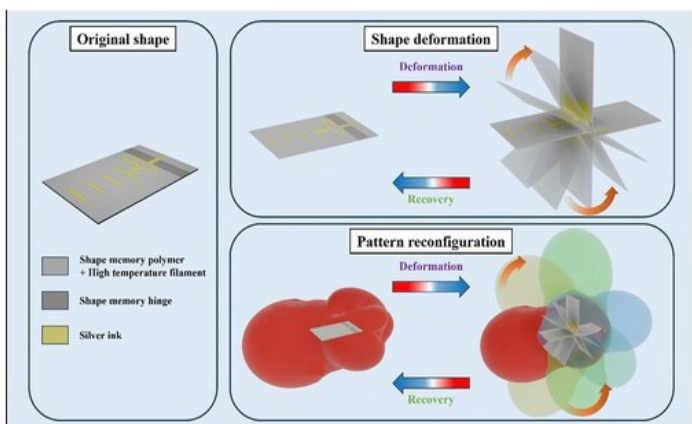


Kannada Rajyothsava was celebrated on 15th November 2025. The event started by hoisting the flag at Dr.H.M Gangadariah Circle in which the chief guest Dr.Siddalingaiah K B, Retd. History Professor, Tumakuru was present. Dr. Lingegowda K B. Vice-Chancellor, Dr.Ashok Mehtha, Registrar, Dr. G. Gurushankar, COE, Dr.Vivek Veeraiah, Advisor to Chancellor, SSAHE were present and the event was presided by Dr.M S Raviprakash, Principal SSIT. Various sports events was conducted for the faculty under the supervision of Mr.Rudresh K R, Physical Education Director, SSIT.

Indian Constitution Day (National Law Day) also known as Samvidhan Divas was observed on 26th November 2025 to commemorate the adoption of the Constitution of India. Nearly 912 students and HoDs, staff members read the preamble of the Indian constitution in their respective class rooms. Dr.B.S.Ravikiran, NSS Programme Coordinator, SSAHE and Dr.S.H.Jeevith, NSS Programme officer, SSIT were present on the occasion.

Technical Article

Reconfigurability Of Microwave Antennas Using Shape Memory Alloys



Reconfigurable antennas offer the advantages of compact size, efficient use of electromagnetic spectrum, and frequency selectivity for reducing the adverse effects of co-channel interference and jamming. This research work mainly focuses on the design, simulation, fabrication, and experimental verification of reconfigurable antennas using Ni-Ti shape memory alloy that addresses three-fold applications. The alloy is trained two-way, using constraint mechanism, which results in remembering flat configuration in cold condition and bent configuration in hot condition. SMA has two phases, namely austenite and martensite phase, which produces strain recovery with heating. The transitions between these phases exist at unique transformation temperatures i.e., martensite temperatures: Martensite start and finish temperatures (M_s and M_f), and Austenite start and finish temperatures (A_s and A_f).

These transformation temperatures are determined via differential scanning calorimetry (DSC) technique, and the values are found to be $M_s = 380C$, $M_f = 120C$, $A_s = 450C$, $A_f = 660C$. This is due to the SMA phase transformation between martensite and austenite via resistive heating/cooling. Different phases present in the alloy are determined via X-ray diffraction method. The present sample has martensite and austenite at room temperature.

The available martensite is useful for shape memory effect property. The electrical conductivity of the sample is determined via the four-probe method. Conductivity (electrical) of the sample is found to be $1299236 S/m$ and $1490224 S/m$ in austenite and martensite phase respectively. Changes in the geometrical configuration are realized by bending the antenna plane which results in a change in the signal pathway of the patch in order to change the operating frequency. The fatigue behaviour of the SMA is evaluated. With the transformation temperature of $660C$ the two-way Ni-Ti SMA, antenna will bend and the same antenna will return to flat condition after removal of heat. Thus, the designed antenna works both at flat and bent conditions.



Dr. Sumana L
Associate Professor
Dept. of ETE

Quote of the month

“ Dream is not that which you see while sleeping, it is something that does not let you sleep”

| A.P.J. Abdul Kalam

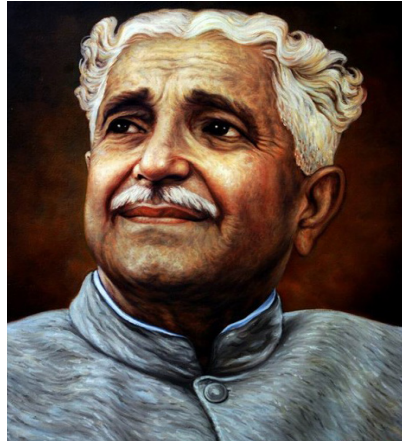
December Notifications

- (i) Drawing Competition
- (ii) Alumni Day
- (iii) Lecture Series
- (iv) Extramural Series

Person of the month

Kuvempu (Kuppali Venkatappa Puttappa) (1904-1994)

Kuvempu (Kuppali Venkatappa Puttappa) was one of the greatest literary figures in Kannada literature and a towering cultural icon of Karnataka. Born on 29 December 1904 in Kuppali, a small village in the Shivamogga district, Kuvempu grew up amidst the natural beauty of the Western Ghats, which deeply influenced his thoughts, writings, and philosophy. He is widely regarded as the voice of modern Kannada literature and a pioneer of cultural renaissance in Karnataka. Kuvempu was a poet, novelist, playwright, critic, and philosopher. His literary works are marked by humanism, universal brotherhood, and a deep concern for social justice. He strongly believed in equality, rational thinking, and the dignity of every individual, regardless of caste, religion, or class. His philosophy of “Vishvamanava” (Universal Human Being) emphasized that all human beings are equal and belong to one global family. Among his most celebrated works is “Sri Ramayana Darshanam”, an epic poetic retelling of the Ramayana from a humanistic and philosophical perspective. This monumental work earned him the Jnanpith Award in 1967, making him the first Kannada writer to receive India’s highest literary honor. Other notable works include novels such as Shudra Tapaswi, and numerous poems that continue to inspire readers. Kuvempu also made significant contributions to education. He served as the Vice-Chancellor of the University of Mysore and played a crucial role in promoting Kannada as a medium of instruction in higher education. His efforts strengthened regional language education and cultural pride in Karnataka.



For his immense contribution to literature and society, Kuvempu received many honors, including the Padma Vibhushan. His legacy lives on through his writings, ideas, and institutions named after him, such as Kuvempu University. Even today, Kuvempu is remembered not just as a great writer, but as a visionary thinker who dreamed of a just, humane, and enlightened society.



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