

FACULTY ACHIEVEMENTS

2025





*January 10, 2025: Dr Poornima G, Professor, was invited as a **Mentor** by **Freedom Employability Academy** to The Mentorship Rural Program Session 5 to the underprivileged students from low income backgrounds from Prayagraj North, Uttar Pradesh-Kalyanpur through online mode.*

*January 09, 2025: Dr Poornima G, Professor, was invited as an **Expert Speaker** for 'Faculty Development Program' on **Advancing the Frontiers of AI: Research and Industry Perspectives** organised by the Department of AI and Data Science, Coimbatore Institute of Technology through online mode.*



*February 06, 2025: Dr. Surendra H H and Dr. Archana H R, Assistant Professors, were invited to deliver a session on **'OBE Policy and CO-PO Mapping'** for One-Day Workshop organised by Maharaja Institute of Technology, Thandavapura, Mysore.*



*February 21, 2025: Dr. Jayanthi K Murthy, Associate Professor, along with research scholar Mrs. Sreelakshmi Tadigotla was presented paper titled **'Enhancing Coverage and Connectivity with Hybrid Harris Hawk and Arithmetic Optimization in Clustering and Routing'** and awarded with the **'BEST PAPER'** at 3rd International Conference on Integrated Circuits and Communication Systems ICICACS-2025 conference held on 21st and 22nd February at Sir M Visvesvaraya College of Engineering, Raichur.*



*March 03, 2025: Dr. Feroz Morab, Assistant Professor, was invited as **Resource Person** to deliver a talk on **'Electromagnetic Insights: Balancing Exposure and Screen Time Use'** organized by CREST Research Center under Mysore University, Kanakapura, Bangalore-82.*



*March 21, 2025: Dr. Maligi Anantha Sunil, Dr. Surendra H H, Assistant Professors, served as **'Reviewer'** for International Conference on Smart Systems for Application in Electrical Sciences-2025 held at SIT, Tumakuru on 21 st and 22 nd March 2025.*



April 29, 2025: Dr. Maligi Anantha Sunil, Assistant Professor, published a **research paper titled ‘Chalcogenide P-type Absorber Layer Studies of Spray Pyrolyzed CuZnS Thin Films for Heterojunction Solar Cell Applications’ in the Optical Materials journal (Elsevier) Quartile: Q1, Impact factor: 3.8. <https://doi.org/10.1016/j.optmat.2025.117036>**



May 07, 2025: Dr. Santosh R Desai, Professor, published a **research paper titled ‘Graphic Operation Terminal-Incorporated Experimental Prescheduled Auto- Configurable Centralized Rational Water Distribution System’ in Water Practice and Technology (2025) Q3 Journal. DOI: <https://doi.org/10.2166/wpt.2025.074>.**



May 24, 2025: Dr. Rajanikanth K N, Associate Professor, was invited as **resource person to deliver a talk on ‘**ARM Processor and Microcontroller**’ for the students of ISE branch organised by Siddaganga Institute of Technology, Tumkur.**



June 30, 2025: Dr. Santosh R Desai, Professor,, Co-Authored and published a **research paper** titled **'Classified Unauthorized Attack Detection & Protection for Secured Experimental Water Distribution Incorporated Industrial Automation Tools'** in *International Journal of Intelligent Engineering and Systems (Scopus, Q2 Journal)* vol. 18, no. 5, pp. 635-656, Jun. 2025. DOI:<https://doi.org/10.22266/ijies2025.0630.45>



September 15, 2025: Dr. Mamatha M N, Professor, was invited as **resource person** to deliver a lecture on **'Introduction to Biomedical Data Acquisition – an outcome based multidisciplinary approach'** as a part of Faculty Development Program held from 15 th -19 th September 2025 conducted by the Centre of Excellence in Signal and Information Processing , VTU Muddenahalli.



September 16, 2025: Dr. Vijayalakshmi K, Professor, was invited as **resource person** to deliver a talk on **'EEG Signal Processing - A Matlab Based Analysis'** as a part of Faculty Development Program held from 15 th -19 th September 2025 conducted by the Centre of Excellence in Signal and Information Processing, VTU Muddenahalli.



*September 26, 2025: Dr. Vijayalakshmi K, Professor, was the ‘**Organizing Chair**’ for the IEEE International Conference for Women in Innovation Technology and Entrepreneurship (**ICWITE 2025**) held on 26th and 27th September 2025 at BGS College of Engineering, Bangalore.*



*September 30, 2025: Dr. Veena M.B., and ShivaKumar. V(Ph.D. student from CPRI) Published a paper titled ‘**Cybersecurity Threat Modelling for Electric Power System SCADA Control Centers and Substation Automation Systems**’ in SSRG International Journal of Electrical and Electronics Engineering on 30 September 2025, Volume 12, Issue 9, 49-65, ISSN: 2348-8379/
[https://doi.org/10.14445/23488379/IJEEE- V12I9P106](https://doi.org/10.14445/23488379/IJEEE-V12I9P106) (Scopus Indexed) .*



November 03, 2025: Dr. Veena M B, Professor, along with M.Tech students Ms.Devishree.C, Ms. Lakshmi H, Ms. Priyanka N, and Ms. Udaya Priya.S. presented a research paper titled ‘A Triple Modular Redundancy Architecture for Fast Finite Impulse Response Filter Design’ in the 3rd International Conference on Emerging Applications of Master Science and Technology (ICEAMST) held from 3rd – 5th November 2025 in R.V College of Engineering, Bangalore and will be published in IEEE Xplore .



November 07, 2025: Dr. Suma M N, Professor, was the resource person to delivered a talk on ‘Cognitive Radio Network SDR’ in National webinar hosted by Navodaya Institute of Technology, Raichur.



November 13, 2025: Dr. Veena n Hegde, Professor, has been granted fund of Rs.10,00,000 for the project ‘Swaccha Bauddhika Yantra-AI Driven Omnidirectional Smart Indoor Cleaning and Trash Collection Robot’ under Faculty Promotion Research Scheme (FRPS).



*November 20, 2025: Dr. Veena M B, Professor, was invited as a **'Session Chair'** for the 9th IEEE International Conference on 'Computational Systems Information Technology for Sustainable Solutions' (CSITSS-2025) held from 20th – 22nd November 2025 at RVCE, Bangalore.*



*December 12, 2025: Dr. Siddappaji, Professor, along with student Mr. Pavan S Chavalgi published a **research paper** titled **'Performance Analysis of Cardiovascular Disease Detection and Recommendation System Employing Machine Learning'** in the International Journal of Creative Research Thoughts(IJCRT). 2025 IJCRT | Volume 13, Issue 12 December 2025 | ISSN: 2320-2882.*



*December 31, 2025: Dr. Santosh R Desai, Professor, **Co-authored and published a research paper** titled **'Digital Sensor Assisted Analysis of Current Water Distribution Concerns & Automation Technologies for Future Enhancements'** in the journal Water and Energy International, 2025, Volume 68r, Issue 6, Page 6-14 in Dec 2025. DOI: <https://www.indianjournals.com/article/wei-68r-6-001>.*



*December 29, 2025: Dr. Vijayalakshmi K, Professor, published a **research paper** titled 'Equivalence of Analog and Digital High-Frequency Electrocardiogram: Validating Sydäntek for Ischemia Detection' in the Springer Journal: Physical and Engineering Sciences in Medicine. DOI: <https://doi.org/10.21203/rs.3.rs-6812483/>*



*December 31, 2025: Dr. H H Surendra, Dr. H R Archana, Dr. N Rajanikanth Kashi, faculties published a **research paper** titled 'Intelligent Framework for Autonomous Recruitment System using Multi-Modal Attributes' in the Journal of Ambient Intelligence and Humanized Computing. DOI: <https://doi.org/10.1007/s12652-025-05022-x>*