MONTHLY NEWS LETTER OCTOBER

RESEARCH ACCOMPLISHMENTS

Dr. Dilip Kumar Jang Bahadur Saini served as a Session Chair at the 2025 IEEE 4th International Conference for Advancement in Technology (ICONAT), held from 19th to 21st September 2025. The event recognized his valuable contribution to facilitating academic discussions and enhancing the conference's technical sessions

RESEARCH ACCOMPLISHMENTS

1.Dr.DurbadalChattarajhaspresented a researchpapertitled:
"Adaptive Audio Steganography using Syndrome-Trellis Codes and Global Optimization of Adaptive Steganography" at the 3rd IEEE International Conference for Women in Innovation, Technology, and Entrepreneurship (ICWITE 2025), organized IEEE Women in Engineering Affinity group Bangalore Section at the B. G. S. College of Engineering, Bangalore. The conference was held from 26th–27th September 2025 at Bangalore, Karnataka, India.

Mr. Sharanabasappa Tadkal has presented a research paper titled: "Sustainab IoT for Healthcare: An Energy-Aware Approach for Remote Patient Monitoring" the IEEE technically sponsored Second International Conference on Artific Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF 202! held at St. Joseph's Institute of Technology (Autonomous), Chennai, Tamil Nad India, on 9th–10th October 2025. Mr. Sharanabasappa Tadkal has presented research paper titled: "AvianTrack: Real-Time Bird Species Detection a Classification in Streaming Video via YOLOv8"at the International Conference Artificial Intelligence and Networking (ICAIN-2025), organized jointly by BITS Pila Dubai Campus (UAE), in association with the Indian Institute of Informatic Technology (IIIT) Allahabad, India, and Universal Innovators, Delhi, India, held 6th–7th October 2025.

Dr. Mubeen Ahmed Khan has presented a research paper titled: P"Fearcsoianl alizReedc ogRencitoiomn-mEnehnadnactieodn SUyseter msP" roafilti ngth e folEr EE International Conference on Advances in Computing Research on Science, Engineering and Technology (ACROSET 2025), organized by Acropolis Institute of Technology and Research, Indore, India, held during 27–28 September 2025.

Dr.DilipKumarJangbahadurSaini,wasservedasaResourcePerson and Distinguished Speaker at the 39th International Conference on Transformin Vietnam: Multidisciplinary Strategies for Sustainable Development, held from 28th to 30th September 2025.

Dr. D. Sumathi, delivered a highly valuable talk as part of the Hands-on Worksho and Expert Talks on NLP, LLM Engineering, Prompt Engineering, and Agentic AI. Th significant event was meticulously organized by the Department of Artifici Intelligence and Robotics Engineering, DSU, and took place on Monday, October 2 2025.

STUDENTS ACHIEVEMENTS

Ms. Anagha R. Prabhu (ENG23CY0005), secured the Second Place in Promptathon 2025, a creative and technical competition focused on prompt engineering and AI-driven innovation. The event was organized by the Department of Computer Science and Engineering (AI & ML) and DSU x Tempete Club. The competition encouraged students to explore the power of language models and AI creativity through real-world challenges, showcasing their innovative thinking and technical expertise.

Mr. Sunay N (ENG23CY0039), participated in a professional development workshop titled "Unlocking Your Potential: Strategies for Professional Growth", organized by RRL Technologies on 8th and 9th October 2025.