



DAYANANDA SAGAR
UNIVERSITY



SCHOOL OF
ENGINEERING

SOE - "The Weekly Buzz"

The Official Weekly Newsletter of **School of Engineering**



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SCHOOL OF ENGINEERING

VISION

- Transform lives through excellence in engineering education, research and innovation with an emphasis on sustainability, inclusive technologies and global needs.

MISSION

- Design and deliver contemporary engineering curricula to address regional and global needs while emphasizing ethics, values, integrity and regional relevance.
- Carryout high impact academic research, industry projects and innovation activities with active student engagement to advance science and engineering knowledge and state-of-the art industry practices.
- Develop regional and national leaders to advance the society and economy.

Faculty Contributions

Department Of Computer Science and Engineering

Prof. Sasikala N, Assitant Professor, Department of CSE has received a grant of ₹5,000 from the Indian National Academy of Engineering (INAE) under the 'Mentoring of Engineering Teachers by INAE Fellows/INAE Young Associates' program for the project titled 'Early Identification of Slow Learners in an Engineering Class.' The project was guided by Dr. C. P. Ravikumar, Adjunct Professor, Indian Institute of Information Technology, Ittigatti.

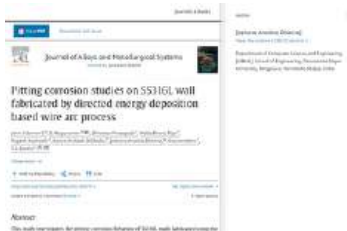
Department Of CSE (Data Science)

Dr Gokulakrishnan S, Assistant Professor, Department of CSE has successfully completed the online course on “AICTE Evaluated 10-Day Patent Analytics Course”, organized by Turnip Innovations and facilitated by Dr. Rahul Kapoor, during 12th to 21st March 2025.



Department Of CSE(Artificial Intelligence & Machine Learning)

Dr. Joshuva Arockia Dhanraj, Associate professor, Dept. of CSE (AI&ML), has published a paper titled “Pitting corrosion studies on SS316L wall fabricated by directed energy deposition based wire arc process” in Journal of Alloys and Metallurgical Systems.



Dr. Joshuva Arockia Dhanraj, Associate Professor, Dept. of CSE (AI&ML), has published a conference paper entitled “Monocular Depth Estimation for UAV Navigation using Segmental Fully Convolutional Prairie Dog Neural Networks” at the the Fourth International Conference on Sentiment Analysis and Deep Learning (ICSADL-2025).

10.1109/ICSADL65848.2025.10933057



Dr. Shreyas Rajendra Hole, Assistant Professor, Dept. of CSE (AI&ML), Presented the paper titled Machine Learning and Artificial Intelligence for Predictive Modeling in Antimicrobial Resistance Datasets, Challenges, and Future Directions in the International Conference on Smart Systems for Applications in Electrical Sciences – 2025 held at SIT, Tumakuru on 21st and 22nd March 2025



Prof. Ankita Thakkar, from the Department of CSE (AI & ML), successfully completed three esteemed certifications from Neo4j GraphAcademy, demonstrating her expertise in graph databases and data management. She earned certifications in Neo4j Fundamentals, Cypher Fundamentals, and Importing Data Fundamentals, showcasing her proficiency in querying, managing, and importing data within the Neo4j ecosystem. These certifications, issued in March 2025, highlight her commitment to staying at the forefront of database technologies and enhancing the learning experience for students through industry-relevant knowledge.



Department Of CSE (Data Science)

Prof. Godhandaraman T has published a book title on “Fundamentals of Data Science” with ISBN: 978-93-5762-445-9 Alpha International Publication March 2025.



Student Activities

Mr. Kumar Ayush (ENG22CS0347), Mr. Meet Pandya (ENG22CS0363), Mr. Abhay Prakash Choubey (ENG22CS0221), Ms. Medha Sree Anand(ENG22CS0562), 6th semester CSE students secured fourth place in the Alliance 3.0 –Code Sangram Hackathon with a cash prize of Rs.5000 under the mentorship of Prof. Shilpa Sudheendran, Assistant professor during 19th to 21st March 2025.



Mr.Saurav Pandey (ENG22CY0039) has secured Runner Up(2nd place) at the GenAI Hack Fest-2025 on 20th and 21st March 2025 organised by CMR Institute of Technology, Bengaluru in association with HappyFox.



CSE (AI & ML) Students Shine at International Conference

Students from the Department of CSE (AI & ML), Ajeeb Sagar (ENG22AM0071), Ujjwal Jaiswal (ENG22AM0197) and Gaurav Kumavat (ENG22AM0092), presented their research paper titled "Machine Learning and Artificial Intelligence for Predictive Modeling in Antimicrobial Resistance Datasets, Challenges, and Future Directions" at the International Conference on Smart Systems for Applications in Electrical Sciences - 2025 held at SIT, Tumakuru, on March 21st and 22nd, 2025. Their work highlighted the application of AI and ML techniques in tackling antimicrobial resistance challenges, showcasing innovative solutions for predictive modeling. This achievement reflects the department's dedication to fostering research excellence and industry-relevant knowledge among its students.



Palakonda Bhavani (ENG21AM0083), 8th semester, Dept. of CSE (AI&ML) student has presented a research paper titled "Machine Learning Approach for EEG-Driven Brain Mapping: A Comparative Study through Logistic Regression, Random Forest, and Support Vector Machine" in the International Conference on Artificial Intelligence in Health care (ICAII 2025) organized by the School of Information Science and Technology, AIMT, St Aloysius (Deemed to be University), Mangaluru, Karnataka, India in association with Springer held on March 20-21, 2025.



Shree Aarthe (ENG21AM0115), 8th semester, Dept. of CSE (AI&ML) student has presented a research paper titled Hybrid Novel Approach to Breast Cancer Detection: An Ensemble Deep Learning Technique Integrating Swin Transformer, EfficientNer, and DenseNer in the International Conference on Artificial Intelligence in Health care (ICAIH 2025) organized by the School of Information Science and Technology, AIMT, St Aloysius (Deemed to be University), Mangaluru, Karnataka, India in association with Springer held on March 20-21, 2025.



Patrick Rozario (ENG21AM0066), 8th semester, Dept. of CSE (AI&ML) student has presented a research paper titled GenomeGuard: A Synergistic Approach to Cancer Prediction via Advanced DNA Analysis and Comparative Algorithms in the International Conference on Artificial Intelligence in Health care (ICAIH 2025) organized by the School of Information Science and Technology, AIMT, St Aloysius (Deemed to be University), Mangaluru, Karnataka, India in association with Springer held on March 20-21, 2025.



Prajwal B (ENG22AM0038), Raghu M (ENG23AM1003) & Shashank N (ENG23AM1006) of 6th-semester student, Dept. of CSE (AI&ML), Under the supervision of Prof. Subhash Mondal, won the Best Paper Award at the IEEE International Conference on Computing for Sustainability and Intelligent Future (COMPSIF 2025), held on March 21, 2025. Titled: "Disease Detection in Finger Millet Plant Using Fine-Tuned Transfer Learning Models" Students were honored to receive the award from Prof. Rychagov Mikhail Nikolaevich from the National Research University of Electronic Technology (MIET), Moscow, Russia.





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