



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.

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Top Stories

- Happy to convey that SISA Information Security Pvt Ltd., one of the global forensics-driven cybersecurity solutions (Product-based) company visited SoE-DSU on 30th May 2024. The top officials presented an insightful information in the areas of Cyber Security, Forensics, Cyber Resilience, AIML, Data Automation, and more. The officials were impressed and assured DSU on potential collaborations including Establishing Cyber Range, Centre of Excellence, Curriculum, Internships, Placements and Real-time projects.
- Pleased to share Ansys, one of the embedded software development solutions based in Bengaluru visited SoE-DSU on 31st May 2024. The Ansys offers solutions focusing on creating reliable and safe systems across various industries, including aerospace, defense, and automotive. The officials presented an insightful information on Model-Based Development, Safety-Critical Systems, Industry-Specific Solutions and Applications and Tools. The officials assured DSU on potential collaborations that can advance both industry and academic pursuits.
- Visit to IISc - Robotics Innovations Lab (RIL) The primary purpose of the visit was to invite Dr. Abhra Roy Chowdhury to the Board of Studies (BOS) meeting for the B.Tech program in AI and Robotics at Dayananda Sagar University. The visit also aimed to secure his guidance through the Centre for Scientific & Industrial Consultancy (CSIC) for the ongoing development of the AI and Robotics program.



Partnerships and Collaboration with Industry

1. The following delegates from SISA Information Security had visited Dayananda Sagar University, Harohalli Campus on 30th May 2024 to discuss the potential collaborations with our Department of Cyber Security, Mr. Mahendran Chandramohan, VP – Managed Extended, Detection & Response (MXDR), Mr. Pranav Salian – Head of PMO – MDR , Mr. Avinash Desai – Assistant Manager – Top

Dr. Udaya Kumar Reddy, the Dean of the School of Engineering, chaired the meeting with the SISA delegates. The following members from DSU were present for the meeting with SISA delegates. Dr. Girisha GS Chairperson – CSE, Dr. Shahina Praveen Chairperson - CST, Dr. Shaila S G Chairperson - CSE (Data Science), Dr. Jayavrinda Chairperson - CSE(AI&ML), Dr. Arun Balodi, Chairperson – ECE, Mr. Nagesh Puranik, Director - Training & Placements, Mr. Vijay Kumar S, Director - Training & Corporate Relations, Prof Naveen and Dr. Prajawalasimha – Department of Cyber Security.



2. Collaboration Discussion between Dayananda Sagar University and Ansys (Technology Firm), Electronics and Communication Department, School of Engineering, To discuss possible scenarios to establish a joint collaboration between Ansys and Dayananda Sagar University.

The meeting concluded with a positive outlook towards establishing a fruitful collaboration that would benefit both the academic institution and the technology firm. The next steps involve detailed planning and execution of the discussed initiatives to realize the collaboration objectives.



3. Visit to IISc - Robotics Innovations Lab (RIL) - Department of Design and Manufacturing, IISc Campus, Bangalore (erstwhile: CPDM)

The primary purpose of the visit was to invite Dr. Abhra Roy Chowdhury to the Board of Studies (BOS) meeting for the B.Tech program in AI and Robotics at Dayananda Sagar University. The visit also aimed to secure his guidance through the Centre for Scientific & Industrial Consultancy (CSIC) for the ongoing development of the AI and Robotics program.

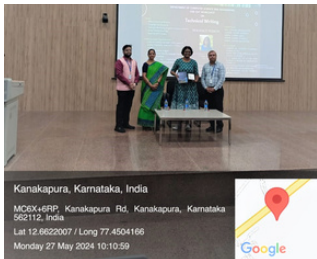
The visit successfully secured Dr. Abhra Roy Chowdhury's involvement both as a BOS member and as a guiding figure through CSIC for the AI and Robotics program at DSU. The next steps will involve formalizing his role and integrating CSIC's resources to bolster the program's development.



Student / Faculty Development Activities

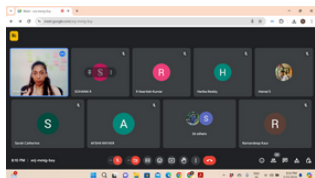
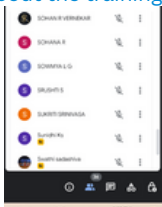
"Technical Writing"

The Department of Computer Science & Engineering organized hands-on workshop on "Technical Writing". The workshop is part of the fourth-semester students' technical writing as part of Skill-Enhancement course conducted on 27th May 2024. The resource person was Ms. Varsha Venkataraman, a Technical Writer at Nference Software company.



"Pre-Placement series"

The Department of Computer Science & Technology organized the third session of the Pre-Placement series for 6th-semester students. The Resource Person: Ms. Pranita D, Software Engineer, Dell Technologies. This training is started as a series where the alumni of CST department share their experience with current students and provide them with necessary knowledge about the training.



“Open House Event”

The School of Engineering in collaboration with the Department of International Affairs conducted an Open House Event on 31st May, 2024, at the Harohalli campus for approximately 800 participants from various outside Schools and Colleges who belong to 10th/11th/12th Std on the following lectures by SOE faculty: AI & Robotics (Dr. Joy Mondal & team), IoT (Dr. Vegi & team), Data Science (Mr. Monish & team), AIML (Mr. Pradeep Kumar & team) and Business & Engineering (Dr. Pramod Kumar Naik & team) domains.



Events: Department Club Activities

“Literary Society Club”

The Literary Society Club: The Horror Storytelling event was conducted on 27th May 2024. The event provided an engaging platform for students to either participate as storytellers or enjoy the eerie atmosphere as audience members. The event was designed to immerse attendees in a spooky ambiance, and it succeeded in captivating everyone presents.



“World No Tobacco Day”

The School of Engineering in collaboration with the Department of Student Affairs conducted an Anti-Tobacco awareness workshop on 30th May, 2024, at the Harohalli campus to mark the occasion of "World No Tobacco Day". The participants were from School of Engineering and School of Health Sciences. The resource persons were Dr. Shalini Thakur, Surgical Oncologist at HCG Hospital, and Mr. Gitin Chandran, founder of CLAF.



Expert Talk on Additive Manufacturing

The Department of Aerospace Engineering organised a talk on Expert Talk on Additive Manufacturing in Aerospace Engineering. The expert talk was from Mr AR Vinod Scientist-D & Group Head – Additive Manufacturing (AM), Centre for Additive & Special Manufacturing Processes (C-ASMP), Central Manufacturing Technology Institute (CMTI). The main objective of this talk to understand the additive manufacturing which mainly emphasised on metal-metal additive manufacturing.



PROJECT PULSE 2024

The DataScience@DSU Club, under the guidance of the faculty coordinators Dr. Shaila S G, Professor and Chairperson, Dept. of CSE (DS) Dr. Kakoli Bora, and Prof. Manjula M, successfully organized the “Project pulse 2024: Data Science solutions for Cutting Edge Problems” Project Expo on 27th May 2024 at the Kudlu gate Campus, G033, B Block.

The event aimed to showcase the innovative projects developed by 8th-semester students from the Department of Computer Science and Engineering (Data Science) at DSU.

The event was promoted effectively through various channels, including posters, and email newsletters, under the direction of the faculty coordinators. Their guidance ensured maximum outreach within the DSU community and beyond, resulting in a strong turnout of attendees.



Important Meetings

Anti-Ragging Committee Meeting: The meeting was held on 30th May 2024 at A-block of SOE with all the committee members present led by Dr. Pushpa Sarkar (Chairperson of the committee) discussed the regulations/guidelines issued by UGC regarding the menace of ragging and the plans to implement various measures to curb ragging.





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