



DAYANANDA SAGAR  
UNIVERSITY



SCHOOL OF  
ENGINEERING

## SOE - "The Weekly Buzz"

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



Week#40 (Sep 30 to Oct 05, 2024)

[www.dsu.edu.in](http://www.dsu.edu.in)

# 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 CSE

- Dr. T. Poongodi, Professor, Department of CSE, chaired a special session entitled, “Environmental Sustainability using Green IoT with Deep Learning Techniques”, International Conference on Contemporary Computing and Informatics (IC3I-2024), 18th – 20th Sep 2024, Amity University, Greater Noida. <https://amity.edu/ic3i2024/>



- Prof. Gaurav Kumar, Assistant Professor, Dept of CSE has successfully completed 8 weeks NPTEL Online Certification course on "Theory of Computation" with 56% in September 2024.



- Prof. Srikantarao S, Assistant Professor, Dept of CSE has successfully completed 8 weeks NPTEL Online Certification course on " Introduction to Operating Systems" with 63% in September 2024.



- Dr. Renuka Devi M N, Prof. kavyashree I Pattan, Assistant Professors, Dr Rajesh T M, Dr Praveen Kulkarni Associate Professors, presented research paper titled “A Novel Methods for Detecting Normal and Abnormal Crowd Dynamics using Optical Flow and Energy Level Analysis” at the Sixth International Conference on Advances in Electrical and Computer Technologies 2024 (ICAECT 2024). ICAECT 2024 is jointly organized by the Sengunthar Engineering College (Autonomous), Tiruchengode, TamilNadu, India, and Diligentec Solutions, Coimbatore, Tamil Nadu, India, from 26–27 September 2024. The conference was organized in online mode.



## Department of CSE (Data Science)

- Prof. Shivamma D was a resource person in the Workshop on “Problem Solving Skills Through Algorithms, Design & Analysis” organized by Department of Master of Computer Applications, Dayananda Sagar Academy of Technology and Management on 04th October 2024.



- Dr. U. Pavan Kumar has successfully completed the online Faculty Development Programme On "Data Science" organised by SkillDzire in collaboration with AICTE from September 2nd 2024 to October 2nd 2024.



- Sindhu A has successfully completed the NPTEL Online course on “Data Science for Engineers” from July to September 2024(8 week course).

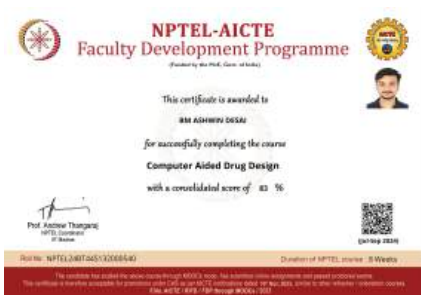


- Godhandaraman T has successfully completed the NPTEL Online course on “Python for Data Science” from July to August 2024(8 week course).



## Department of ECE

- Dr. BM Ashwin Desai, Associate Professor, Department of Electronics and Communication Engineering has successfully completed the NPTEL-AICTE Faculty Development Programme (FDP) course titled Computer-Aided Drug Design, with a commendable consolidated score of 83%. The course offered by IIT Madras and coordinated by Prof. Andrew Thangaraj, spanned 8 weeks from July to September 2024. This achievement highlights his dedication to advancing knowledge in the field of drug design, contributing to the academic and research excellence within the institution.



# Departmental Activities

## Department of Computer Science and Engineering

E-Cell Activity on "Be the CEO" dated 4th Oct 2024 at 2 PM to 4 PM  
Venue: SOE A Block - LAB-A508.

The E-Cell Activity: #1 has been organized to motivate and promote innovation and entrepreneurship in young minds. The objectives of the are to encourage active participation and make them learn how to respond instantly for the immediate challenges of the real world.

The 31 new student members have attended the meet and participated in the "Be the CEO" activity in E-cell.

The overall activity was supervised by Dr. Sridhar SK and Prof. Naitik NT  
Thanks to the Core team members - Mr. Jayesh, Ms. Renuka and Mr. Ankit B



## Department of CSE (Data Science)

- AWS Skill Builder recently hosted an exclusive in-person event on 04th October 2024, attended by Dr. Shaila S G , Professor and Chairperson, Department of CSE (Data Science) and Dr. Pramod Kumar Naik, Professor and Chairperson, Department of CSE (AI and Robotics). The event aimed to empower academic institutions for the GenAI era through AWS Skill Builder, addressing key challenges in Indian universities such as limited infrastructure, outdated curricula, and a shortage of qualified AI faculty. The sessions emphasized the role of generative AI in driving future innovation, with 93% of corporations expecting to adopt it in the coming years to enhance creativity and automate tasks.
- The event showcased AWS Skill Builder's unique capabilities, featuring over 80 digital courses, interactive labs, and real-world problem-solving opportunities. Participants, including Dr. Naik and Dr. Shaila, explored the potential of AWS's tools to bridge industry-academia gaps and integrate AI/ML education into degree programs. The event agenda included discussions with academic leaders, a live demo of the AWS Skill Builder platform, and networking opportunities for attendees to share insights on fostering GenAI skills within academic settings.
- Faculties attended: Dr. Shaila S G , Professor and Chairperson, Department of CSE (Data Science)



## Department of Humanities

- The Best out of Waste Art Competition was organized on 28th September 2024 by the Department of Student Affairs in association with NSS, as part of the Swachhata Hi Seva Campaign 2024 under UGC guidelines. Themed around promoting sustainability and creativity through recycling, the event aimed to raise environmental awareness by encouraging students to creatively repurpose discarded materials. Students from various departments participated with Ms. Shamantha as the event convener and Dr. Mahalakshmi and Dr. Seema Tharannum serving as judges. Dr. Puttamadappa, Registrar, graced the event as the chief guest, presenting prizes to the winners. Participants showcased their innovation by transforming waste materials like chocolate wrappers, coconut shells, and old clothes into artistic creations. Judging was based on creativity, innovation and the effective use of waste materials.
- The event was highly successful, raising awareness about recycling while fostering creativity, with overwhelmingly positive feedback from students. It highlighted DSU's commitment to environmental sustainability and green practices on campus.



- The 4th On-the-Job Training (OJT) Program for Strides Trainees in Pharmaceutical Manufacturing Technology, organized by the Department of Mechanical Engineering at DSU, took place from 12th August to 19th September 2024. The inauguration ceremony, held at Gallery Hall 3, DSU Campus, was graced by Mr. Navneeth Mohan, Joint Director of Factories and Boilers, Industrial Safety and Health, Government of Karnataka, along with key representatives from Strides Pharma Science Ltd. Over the course of the program, trainees were immersed in both pharmaceutical production and management training, covering 23 major topics, including drug development, quality control, regulatory affairs, and interpersonal skills. DSU faculty members delivered sessions, ensuring a comprehensive learning experience. The valedictory function on 19th September 2024 celebrated the successful completion of the training, with certificates presented to the trainees. The event highlighted the collaboration between academia and industry, with participants expressing positive feedback on their learning experience.



# Student Activities

- Ms. Pragati. S. Mallapur (ENG23CSO134) and Mr. Abhishek R A (ENG23CSO243), students of 3rd semester CSE have successfully participated in the Nasa International Space Apps Challenge 2024 at Dayananda Sagar University, Harohalli on 5th and 6th October 2024.



- Mr Keerthi Krishna Yadav (ENG20AS0007) presented a research paper on “Numerical Analysis and Experimental Study of Harpoon Technology for Active Space Debris Removal” at the International Conference on Futuristic Advances in Mechatronics Engineering for Aerospace and Defence (ICFAMEAD 2024), held at the Symbiosis Institute of Technology (SIT), Pune under the guidance of Dr Avinash which held on 4-5 October 2024.



- Ms. Bukkapatnam Harshyara (ENG21CS0085) Student from Final year, Computer Science Department has been placed in Hitachi KES, Japan with a CTC of 35 Lakhs. This is the 1st International placement offer got by 2025 batch student.
- Ms. Pragati Komarla (ENG21CS0300) student from 2025 batch, Computer Science Department has been Placed in the company IG Group, with a CTC of 10.33LPA.
- Mr. Adarsh Jaiswal, (ENG21CS0010) student from 2025 batch, Computer Science Department has been Placed in the company Thermo Fisher, with a CTC of 12.75LPA.
- Mr. Naindeep Singh, (ENG21CS0261) student from 2025 batch, Computer Science Department has been Placed in the company Eurofins IT Solutions, with a CTC of 10.75LPA.



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