



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 & Engineering

- Dr. Gokulakrishnan S, Assistant Professor Department of Computer Science Engineering has successfully attended International Webinar on “Next Generation Networks” organized by Presidency School of Information Science (PSIS), Presidency University, Bengaluru on 27th September, 2024.



Department Of CSE (AI&ML)

- Dr. Arockia Dhanraj, Associate Professor, Dept. of CSE (AI&ML) has published the journal paper titled “Enhancing Friction Stir Spot Welding of Al 5754 and Al 6111 Joints Using Taguchi’s Technique” in Wiley, Journal of Engineering, Volume 2024 Article ID 7213167. <https://doi.org/10.1155/2024/7213167>

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Department of CSE (Data Science)

- Prof. Shivamma D selected as “Galactic Local Mentor” in the 2024 NASA International Space Apps Challenge organised by NASA at Dayananda Sagar university, on 5th and 6th October 2024.



Department of CSE (Cyber Security)

- Prof. Naveen Kulkarni has successfully completed NPTEL online certification course “Theory of Computation”, an 8 week course during July to September 2024, with a consolidated score of 61%.
- Prof. Sharanabasappa Tadkal, has successfully completed the certified workshop on “AI Dashboards using Microsoft Power BI” by Skill Nation during 21st and 22nd September 2024.



Department of CSE (Data Science)

The DataScience@DSU Club, along with the Department of CSE (Data Science), organized a two-day workshop titled "Power BI for Business Intelligence - Unlocking Data Driven Decisions" on the 7th and 8th of October 2024. The event was coordinated by Dr. Shaila S G, Prof. Godandharama T, Prof. Sindhu A, and Prof. Manjula M, with over 150 participants, including students and faculty members.

On Day 1, attendees were introduced to Power BI Desktop, learning how to import and clean data, create data models, and use DAX for calculated fields. Day 2 focused on building interactive dashboards and advanced analytics with DAX, concluding with lessons on publishing and sharing reports via Power BI Service. The workshop featured hands-on exercises, ensuring participants gained practical skills.

The resource person, Dr. Vivek Raj S N from VIT, Vellore, guided the sessions, which were well-received, with participants gaining valuable insights into data visualization and report creation using Power BI.

DAVANANDA SAGAR UNIVERSITY
SCHOOL OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE
ENGINEERING (DATA SCIENCE)

**POWER BI FOR BUSINESS INTELLIGENCE :
UNLOCKING DATA DRIVEN DECISIONS**
Hands on session By

Dr. Vivek Raj S N
Assistant Professor
Analytics, Business School
VIT Vellore

ON 7th And 8th Oct, 2024
9:00 AM to 4:30 PM

Block A, LH2

Register Now

Coordinators:
Dr. Anand K Shetty
Vice-Chancellor (DSU)
Dr. Dakshina Kumar Reddy
Dean, DSU
Dr. G. Praveen Mahesh
Dean, DSU (CSE)
Dr. Shaila S G
Chairperson, Dept of CSE/DSU
Secretary

Organizers:
Prof. Godandharama T
Assistant Professor, Dept of CSE, DSU
Prof. Sindhu A
Assistant Professor, Dept of CSE, DSU
Prof. Manjula M
Assistant Professor, Dept of CSE, DSU

Student Coordinator:
Karthika K
Vivek@dsu.in



Department of Humanities

- The Literary Society, SOE, conducted "Hogwarts House Duel," a promising afternoon of wizarding fun with friendly quizzes, potion making, and thought-provoking debates from 2:30 PM to 4:20 PM in room A228 on Thursday, 10th. We were extremely grateful to Dr. Sai Prasad Nayak, department of chemistry; Dr. Atul Jakhar, department of mathematics; and Dr. Mayank Singh Bhakuni, department of mathematics, for joining us as judges for this event. Their time, expertise, and thoughtful evaluations played a significant role in the success of our event. The event's primary objectives were to improve participants' communication abilities, encourage interaction, and discuss the various imaginative components and characters found in J.K. Rowling's "Harry Potter." This fun event improved collaborative learning—the fundamental components of effective communication, proper pronunciation and diction, and voice modulation.



On 10th September 2024, the Department of Student Affairs at DSU organized a workshop in observance of **World Suicide Prevention Day** at Main Campus, Harohalli. The event, led by Ms. Sneha Rao from the Ananya Foundation for Happiness, focused on raising awareness about mental health and offering strategies for suicide prevention. Approximately 200 students from diverse disciplines, including engineering, pharmacy, and nursing, attended. The session highlighted the importance of recognizing mental health struggles, seeking help, and providing support to peers. Students actively engaged in discussions, gaining valuable insights into fostering a supportive and mentally healthy campus environment.



On October 4, 2024, DSU SOE hosted the Pollution Solution Quest Quiz, aimed at raising awareness about pollution and encouraging participants to engage in finding solutions. The event drew enthusiastic attendees eager to showcase their knowledge of environmental issues. Through thought-provoking questions on various types of pollution and sustainable practices, participants demonstrated critical thinking and personal responsibility in tackling environmental challenges. The top scorers were awarded prizes for their outstanding performance. On 7th October, the institution honored World Ozone Day with an awareness program featuring sessions led by the Dean, Associate Dean, and field expert Mr. Manjunath. The discussions highlighted the importance of the ozone layer, sustainable practices, and the role engineers play in environmental protection. The program inspired participants to take collective action toward safeguarding the planet, further reinforced by the recognition of top quiz performers.



Department of CSE (Data Science)

- Nitin Prajwal R. (USN: ENG22DS0039), Viriika Olivia Soans (USN: ENG22DS0024), Janardhan KS (USN: ENG22DS0004) of 5th Semester students selected as “Global Nominee” under the guidance of Prof. Shivamma D in the 2024 NASA International Space Apps Challenge organised by NASA at Dayananda Sagar university, on 5th and 6th October 2024.



- Adithya N (ENG23DS0049) ,Meghana N (ENG23DS0073), Chintha Deepak (ENG23RA0029), Praneeth (ENG23AM0225) Nikhil(ENG23AM0258) of 3rd Semester students selected as “Art and Technology Award “ under the guidance of Prof. Shivamma D in the 2024 NASA International Space Apps Challenge organised by NASA at Dayananda Sagar university, on 5th and 6th October 2024.





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