



Department of Electronics and Computer Science

Newsletter SH 2023

“Arise, awake, and stop not till the goal is reached.” -Swami Vivekananda

The Department of Electronics and Computer Science started in academic year 2020-21, with total intake of 60 students. The course is introduced in line with the requirements of Industry 4.0.

We are excited to share with you the latest updates, achievements, and activities from our vibrant department. This newsletter highlights the innovative projects, academic milestones, and dynamic initiatives that reflect our commitment to excellence in education, research, and industry collaboration. As we continue to grow and evolve, we take pride in fostering a community that encourages creativity, critical thinking, and technological leadership among our students and faculty.

Vision

“To excel in the field of Electronics and computer science engineering for serving needs of the society.”

Mission

- To nurture the students to have technical skills for multidisciplinary in the field of Electronics and computer science.
- To inculcate ethical values and develop leadership qualities.
- To encourage research in cutting edge Technologies.

Program Educational Objectives

- Build multidisciplinary domain knowledge
- Develop the ability to innovate, design and evolve project implementing capabilities.
- Pursue higher studies and develop career in advanced technologies.

Program Specific Outcomes

- Students will be able to acquire knowledge in cutting- edge technologies.
- Students will be able to develop innovative multidisciplinary projects

Departmental Activities

Expert Talk

- Dr. Shubhangi Kharche organized seminar on "Cloud Computing Security" for BE students on 04/08/2023. The Resource Person was Mr. Rajeshwar Singh, Senior Consultant, Data Science Wizards, Mumbai.

Faculty Achievements

- Prof. Nita Patil published a paper title "Risk Prediction of Asthma Based on ML using IoT & Smartphone APP" in JETIR journal – July 2023.
- Prof. Hema Gavali presented paper titled "Design of PIFA for 5G Application" in ICCNT-2023 on 07 July 2023.

Students Achievements

- Kanishka Jha from TE ECS had presented a topic on "Research on the vulnerability in the apache server" and has been selected for further evaluation by DRDO.
- Nandini D. Singh was selected to be a Notes Creator of the prestigious Notes Championship Program by Google on 5th Dec 2023.
- Rathik Natrajan has participated in 66th national shooting championship competition Pistol Events held at Bhopal MP from 19th November to 9th December 2023 and got certified as RENOWNED SHOT in terms of Gov. of India notification.

Students Participation

- Nandini Singh from SE ECS had participated in BHARAT HACKATHON and her group got selected in top 6 finalist

Faculty Participation

- Prof. Madhuri K. completed one week ISTE approved Online Workshop on "Introduction to ML, NLP & Chat Bots" organized by Vidya Prasarak Mandal's Maharshi Parshuram College of Engineering during 24 July to 29 July 2023.
- Prof. Nita Patil completed one week FDP on "Multidisciplinary aspects of low power wireless sensor networks" organized by Annant Gyan Knowledge and Skills private limited during 24 July to 29 July 2023.
- Prof. Purnima. Patil attended FDP on "Bloom's Taxonomy and Constructive Alignment" organized by SIES on 11/08/2023. The resource person was Dr. A K Sengupta.
- Prof. Madhuri Kulkarni attended FDP on "Identification of Research Topic, organized by SIES Management studies on 01/09/2023. The resource person was Dr. Sunil Budhiraja.
- Prof. Nita Patil attended session on "Indian Knowledge System, organized by SIES Management studies on 09/11/2023. The resource person was Dr. Mala Kapadia.
- All ECS faculties attended ISTE approved 1 week STTP on "NEP2020 & Autonomy in HEI" organized by SIES GST from 18th Dec- 23rd Dec 2023.
- Prof. Madhuri Kulkarni guided research project "Smart Bionic Arm" at UG level at the 18th Avishkar: Inter-Collegiate/Institute/Department Research Convention (Final Round) organized by UoM at Shah and Anchor Kutchhi Engineering College, Chembur, Mumbai.
- Prof Purnima Patil and Prof. Deepak Sinha attended Webinar on "Effective proposal writing for research" on 21st Dec 2023 and conducted by SIES SLLD.
- Prof Purnima Patil attended Webinar on "Training session on IEEE Explore-ASPP" on 2nd Dec 2023 conducted by SIES GST.
- Prof Deepak Sinha attended ISTE Approved STTP on "AI/ML and Data Science for Healthcare" from 11th Dec 2023 to 22nd Dec 2023 conducted by ACOE, Mumbai.
- Prof Deepak Sinha attended seminar on "NI Academic Conclave 2023: Innovations in Research and Education" on 22nd Dec 2023 conducted by NMIMS, Mumbai
- Prof Deepak Sinha attended IEEE-Bombay Section Student's Branch Counsellors Meeting on behalf of SIESGST conducted for the advancement of upcoming conferences on 22nd Dec 2023.