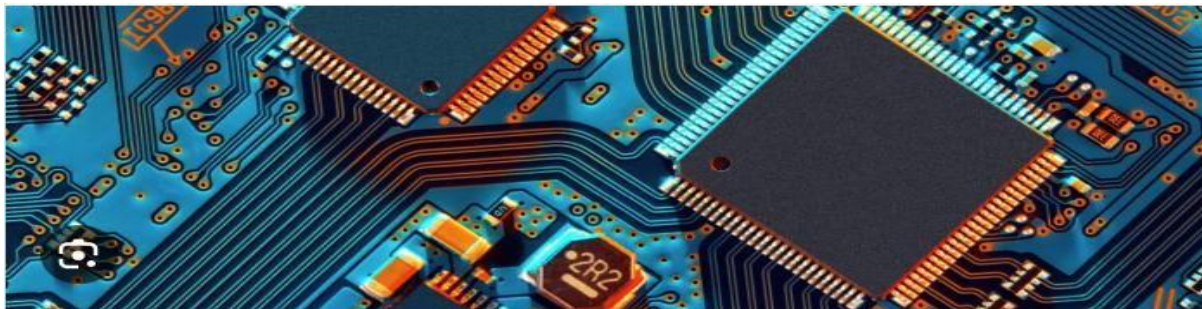




Department of Electronics and Computer Science

Newsletter SH 2025

“Excellence is a Continuous process and not an accident” -Dr. A. P. J. Abdul Kalam

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

Student Development Program:

Three value-added, hands-on courses were conducted on IoT & Robotics, AWS Cloud Foundation and Architecting, and Applied Machine Learning and Deep Learning, each spanning six days. These programs were delivered by experienced faculty members from the department, Dr. Shubhangi Kharche, Prof. Madhuri K., Prof. Sheetal K., Prof. Rupali M., Dr. Jeenal Rambhia along with industry experts from Accenture and Cell AI, ensuring practical exposure and industry relevance. A total of 77 students successfully completed the courses

Drone Lab: The ECS department established a drone lab to facilitate project implementation based on drones across all departments.

IEEE

- Official permission has been received to establish the IEEE Geoscience and Remote Sensing Society (GRSS) Student Branch Chapter at SIES Graduate School of Technology.
- The chapter has been approved with effect from 20th December 2025.
- The Identification Code of the chapter is SBC63071B.
- Prof. Madhuri Kulkarni has been appointed as the Advisor for this Student Branch Chapter.
- A total of 13 student members are currently enrolled in the chapter.

Faculty Achievements

1.Dr. Shubhangi Kharche :Delivered an expert talk on the topic "IoT from Fundamentals to Applications" during the Five-Day Faculty Development Program on "IoT Applications" organized by the Department of Electronics & Telecommunication Engineering at V.E.S. Polytechnic, Chembur, Mumbai, on Aug 18, 2025

- conducted an expert session on "*Technical paper and LaTeX Report Writing*" at **SIES Graduate School of Technology** organized by the Computer Engineering Department on September 30, 2025.

Served as a reviewer for the 7th International Conference on Advances in Science and Technology (ICAST 2024-25), held on June 20–21, 2025, organized by K. J. Somaiya Institute of Technology, Mumbai.

- successfully completed the NPTEL online certification course "Drone Systems and Control" (12-week duration, July–October 2025) with a consolidated score of 91%, ranking in the top 5% of candidates.

- contributed as a reviewer for the 5th International Conference on Advancement in Electronics & Communication Engineering (AECE-2025), technically co-sponsored by IEEE UP Section, held on November 21–22, 2025, organized by Raj Kumar Goel Institute of Technology, Ghaziabad, UP.

2.Dr. Hema Gavali Conducted an online FDP session on "Application of 5G Technologies in IoT solutions" at VES Polytechnic

- Presented a paper in 4th International conference on Robotics, Control, Automation and Artificial Intelligence (RCAAI-2025)

- Completed NPTEL course on OBE and Accreditation on 10th November 2025.

3.Prof. Rupali More attended and passed a NPTEL course on Robotics 26th October 2025

- Attended FDP on Robotics on 30th October 2025

4.Prof. Jeenal Rambhia completed NPTEL course on "Introduction to LLM" on 2nd November 2025

5. Prof. Sheetal Kadam completed NPTEL course on "Big Data Computing" on 2nd November 2025 .

6. Prof. Supriya Bobade completed course on "Artificial Intelligence: Concept and Techniques" on 2nd November 2025.

Students Achievements

1.Mahika Rawool and Chitrakshi Palav 's project "Harmful Ingredients Scanner Website" qualified YUKTI Innovation Challenge 2025, First round presented their project at ICC (Intitution Innovation Council) Regional Meet at SVKM'S D.J Sanghvi College of Engineering, Mumbai on 2nd December 2025.

2.Kushal Mohite stood first in X'Ploitathon In-College 2025 Competition on 19th September 2025.

3.Aryan Takalkar, Moinuddin Hasan, Vrushal More participated in 'Conquer Space – Inter Collegiate Exhibition (Project: Aakash Dhvani) — DR Abdul Kalam Birthday Celebration', organized by Navi Mumbai Tamil Sangam on 11-10-2025

4.Shravani Khedkar – Recognized as the Vocalist of the Cultural Music Club (Aaroha) for the academic year 2024–25.

5.Himanshu Diwedi 1)Won "IGNITE" intercollege Competition organized by SAKET College of Arts and Commerce Research Cell in Association with IQAC.

2)Was finalist in " Build to Simplify Hackathon" organized by Simplify AI Tools.

6.Industry Exposure (Internships): A large number of students completed internships at reputed organizations such as Deloitte, TATA, BARC, HPCL, Western Railway, Fynd, and Airspan Networks, gaining hands-on experience in areas like data analytics, cybersecurity, IoT, and software development

7.Students enhanced their skills through certifications from platforms like Google, Coursera, and Udemy, focusing on data analytics, generative AI, cybersecurity, and full-stack development.

8.Multiple student teams presented papers at prestigious international conferences such as ICCNT 2025, ASIANCON, CISES, and ICETEG, covering advanced topics like AI, cybersecurity, healthcare technology, legal tech, and stock analysis.

Students Participation

1. 9 groups from ECS department got shortlisted for the SIH from Internal Hackathon held on 11th and 12th September 2025
2. Total 11 groups from SE, TE and BE participated in Departmental project competition Cognition 2025
3. Kartik Saynekar participated in 'BuildWithIndia – HackWithIndia (Finale at Google Office)', organized by Hack With India on 2025. Placed among top 5,000 teams out of 25,000.
4. Soham Santosh Chafale participated in 'Bharatiya Antariksh Hackathon 2025 – Idea Submission', organized by ISRO – Bharatiya Antariksh Hackathon.
5. Students actively participated in 57 distinct events, including workshops, hackathons, competitions, webinars, industrial challenges, internships, certifications, social initiatives, and student governance activities at institute, university, national, and international levels. These engagements involved a total of 46 students from the department, reflecting wide-based participation across technical, professional, co-curricular, and extracurricular domains.



Faculty Participation

- Prof. Purnima P. Patil attended FDP on "AIORI - Advanced Internet Research Operation" on 17th July 2025.
- Prof. Jeenal Rambhia and Prof. Supriya Bobade attended FDP on "Next-Generation Semiconductor Technology Advancement, Research and Applications" on 23rd June 2025
- Dr. Shubhangi Kharche attended an FDP on Prompt Engineering conducted by Mr. Umesh Mahind from Accenture on 23rd August 2025 from 11:00 AM to 3:00 PM
- Prof. Sheetal Kadam Attended ATAL FDP XAI for Social Good: Applications in Healthcare, Finance, and Education from 1st December to 6th December 2025 at Pillai College of Engineering, Panvel
- Prof. Jeenal Rambhia, Prof. Supriya Bobade, Prof. Rupali More and Prof. Sheetal Kadam attended ATAL FDP on "Quantum Intelligence: Exploring the Convergence of Quantum Computing and Artificial Intelligence" on 15 December 2025.

- Prof. Jeenal Rambhia, Prof. Supriya Bobade, Prof. Rupali More and Prof. Sheetal Kadam attended ATAL FDP on "Quantum Intelligence: Exploring the Convergence of Quantum Computing and Artificial Intelligence" on 15 December 2025.
- Prof. Sheetal Kadam worked as Institute-level co-ordinator for the Aavishkar 2025 Project competition organized by University of Mumbai
- Prof. Madhuri attended Atal FDP on "Geospatial Data Analytics: A Fusion of Spatial Science and AI" from 24/11/2025 to 29/11/2025 organized by A.P.Shah Institute of Technology

Edited by
Prof. Supriya Bobade