



SYMBIOSIS INSTITUTE OF TECHNOLOGY (SIT)

Constituent of Symbiosis International (Deemed University), Pune

(Established under Section 3 of the UGC Act of 1956 vide notification number F-9-12/2001-U-3 of the Government of India)

Re-Accredited by NAAC with 'A++' Grade

THE BYTE BULLETIN

THE BIENNIAL NEWSLETTER FROM THE DEPARTMENT OF CSE EDITION: JAN - JUN 2025

TRENDING THIS SEMESTER

- SIT Pune ranked 8th nationally among private engineering colleges
- 5G Use Case Lab inaugurated with DoT, TCIL & VVDN Technologies
- Students excelled with wins at HackRx, FOSS Hack, EduHacks & CiiA-4
- Achievements at VULNCON, All-Women CTF (IIT Bombay), SheFi Scholarship
- Faculty represented SIT at SCI 2025, Sunway University (Malaysia) with research papers and session chair roles
- Global exposure through internships, UK research program, Japan study tour & ACM AI Summer Schools
- Strong industry connect via MoUs, conclaves, innovation talks.

Welcome to The Byte Bulletin's most recent edition!

We are excited to present this edition, packed with exciting new developments and updates from the Department of Computer Science's core. This edition of the newsletter highlights various innovative research projects, cutting-edge technology, and game-changing programs that capture our department's dynamic and inventive nature. Our students continue to shine brightly across numerous areas, making our department stand out in the academic scene, while our distinguished faculty members are at the forefront of exploring new frontiers and addressing real-world concerns.

The Department of Computer Science continues to be a shining example of innovation, teamwork, and rigorous research in an area where change is frequent and advancement is quick. We cordially encourage you to delve into this edition and discover the ground-breaking findings, noteworthy accomplishments, and unwavering commitment to quality that characterize our community. Come along this semester as we set off on an exciting journey together to push the frontiers of knowledge and shape computer science's future.



VISION AND MISSION

VISION OF THE DEPARTMENT

To evolve as a centre of excellence in Computer Science and Engineering to produce skilled and proficient global professionals to build the society.

MISSION OF THE DEPARTMENT

- To provide the conducive environment for establishing students in the global platform of research and innovation.
- To educate students on cutting edge technologies with problem solving capabilities, leadership and teamwork skills.
- To inculcate the professional values with lifelong learning through curricular and co-curricular activities and create globally-aware disciplined citizens.
- To commence various initiatives for motivating students to work for the betterment of society.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Apply their skills with research orientation and establish themselves globally.

PEO2: Apply problem solving and emerging technology skills for designing solutions .

PEO3: Apply technical and leadership skills to be a successful entrepreneur.

SIT PUNE RANKED 8TH NATIONALLY



Proud Moment for the CSE Department at SIT, Symbiosis International (Deemed University)!

Symbiosis Institute of Technology, Pune has been ranked 8th among all Private Engineering Colleges in India by India Today Rankings 2025. This recognition highlights SIT's commitment to academic excellence, innovation, and student success.

SIU has secured 24th rank in the University category and 46th in Engineering in the NIRF 2025 Rankings – a testament to the collective excellence of all engineering departments, including Computer Science & Engineering.

This milestone reflects our commitment to innovation, quality education, and research excellence.

B.TECH DUAL DEGREE PROGRAMME



SIT Pune, in collaboration with Deakin University, Australia, offers a unique B.Tech Dual Degree programme. Students complete two years at SIT and two years at Deakin, graduating with dual degrees:
B.Tech (Computer Science & Engineering) + Bachelor of Data Science
B.Tech (Computer Science & Engineering) + Bachelor of Cyber Security

This programme provides global exposure, advanced skills, and enhanced career opportunities, preparing students to become industry-ready professionals.

5G USE CASE LAB



S **SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE**

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING AND
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Welcome Industry Delegates to the

5G USE CASE LAB INAUGURATION CEREMONY

 Dr. Sujata Dutta Senior Vice President, Technology, VOIS.	 Mr. Munir Sayyad Vice President, Reliance Jio	 Mr. Rajesh Kanungo DDG Compliance, DoT, Govt. of India	 Mr. Deep Gupta Director 5G, VVDN Technology	 Mr. Yogesh Shah Vice President - Professional Services AutomationEdge	 Mr. Prasanna Deshpande Application Engineering Manager at MathWorks
 Dr. CA. Abhijeet Chirputkar Director at Symbiosis Institute of Digital and Telecom Management,	 Mr. Pankaj Kulkarni 6G AI Innovation Technical Lead HHMOXX India Pvt. Limited	 Mr. Vishwas Valdiya Engineering Consultant, Automotive Consultant at Cognizant	 Mr. Jitesh Vaishnav Business leader - Industry 4.0, Operational Technology and Industrial 5G	 Mr. Puneet Agarwal Founder and CEO at VVDN Technologies	 Mr. Shalendra Singh Narwariya Joint Director at Centre for Development of Advanced Computing (C-DAC)

 **25 March, 2025**  **Symbiosis Institute of Technology Pune**

SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)
(Established under Section 3 of the UGC Act, 1956) | Re-accredited by NAAC with 'A++' grade | Awarded Category - I by UGC

SIT Pune inaugurated its 5G Use Case Lab, sponsored by the Department of Telecommunications (DoT), Govt. of India, with support from TCIL and VVDN Technologies. The lab will serve as a hub for innovation, enabling students to develop real-world applications in healthcare, manufacturing, smart cities, and more. Distinguished industry leaders and students showcased projects, marking a significant step in strengthening industry-academia collaboration and advancing digital transformation.

STUDENT'S ACHIEVEMENTS



Congratulations to Karan Desai
Karan Desai represented the department at VULNCON, a premier cybersecurity conference hosted at the Indian Institute of Science (IISc), Bangalore.

Congratulations to Omkar Darekar, Final Year CSE student at SIT Pune, on being selected as a Campus Ambassador for GirlScript Summer of Code (GSSoC) 2025. This initiative promotes open-source and fosters an inclusive tech community.



We are proud to support his startup PHYSIOMIZE, a tech-enabled platform helping physiotherapists enhance patient recovery. Yash's journey is an inspiration to many—proof that at SIT, innovation never stops.



STUDENT'S ACHIEVEMENTS



Dr. Sashikala Mishra, Dr. Vani Hiremani, Prof. Ranjeet Bidwe, and students Malay Doshi and Gauri Deoghare (CSE, SIT Pune) presented their research at SCI 2025, hosted by Sunway University, Malaysia. Centered on AI for Sustainable Development Goals, the conference offered a global platform for knowledge exchange and collaboration.



Congratulations to Onkar Mendhapurkar (Final Year CSE) and team XLR8 (Janmejaya Pandya, Sachin Mhetre) for winning FOSS Hack 2025, India's largest hybrid hackathon with 5,000+ participants. Their project Scribly, a YouTube notes and annotation extension, stood out among 800+ projects nationwide.



STUDENT'S ACHIEVEMENTS



The Entrepreneurship Promotion and Innovation Cell (EPIC), SIT Pune has been selected among the Top 100 institutes in the FUTUREPRENEUR Challenge at Startup Mahakumbh. Our student team was recognized for their confidence and entrepreneurial spirit, marking a proud moment for SIT Pune's innovation ecosystem.



SIT Pune students Archisha Yadav and Reeti Agarwal secured 2nd place at the All-Women CTF by IIT Bombay Trust Lab and MCCA, winning ₹75,000 for their excellence in cybersecurity challenges.



STUDENT'S ACHIEVEMENTS

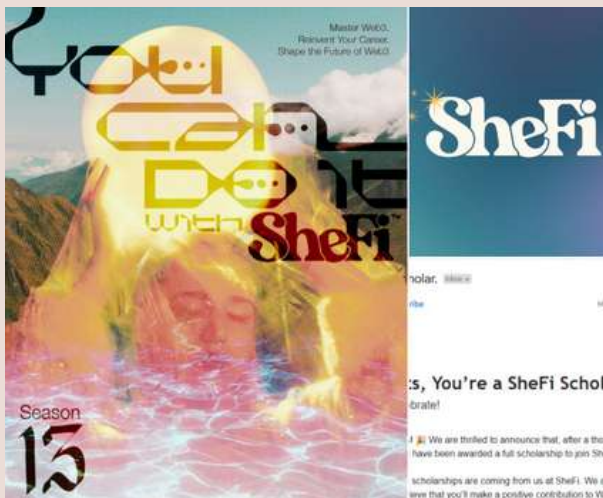


TEAM "EDTECH VR"



TEAM "SHEILD"

Students from the Department of CSE, SIT Pune, showcased their creativity at Creative Ideas & Innovations in Action (CiiA-4), held on 5-7 February 2025 at Nehru Science Centre, Mumbai. Two teams represented SIT: Team EdTechVR (Tanisha Vyas, Satviki Budhia, Yash Parkhi, Armaan Jeswani) and Team SHEild (Adyasha Subhadarsini, Aarya Patil, Ayushi Kapgate). Guided by faculty mentors Dr. Sashikala Mishra, Prof. Shubhangi Deokar, and Prof. Ranjeet Bidwe, the teams demonstrated inspiring innovation and problem-solving spirit.



Congratulations to Anushka Tandon for being selected as a SheFi Scholar (Season 13) and receiving a prestigious scholarship. Through this program, in collaboration with the Celo Foundation, she will explore opportunities in Web3, blockchain, and inclusive tech.



STUDENT CLUB EVENTS

SIT ACM Student Chapter

The ACM Cloud Team—Chintan Pradhan, Lakshya Agarwal, Nihar Ranjan Mishra, Yash Rastogi, and Siddhant Bedre, guided students through the AWS Management Console, launching EC2 instances, using S3 storage, and understanding RDS and Lambda basics. The session was hands-on and focused on real-world cloud applications.



Cyber Blockchain Club



The Hedera Blockchain Workshop featured experts from IDS Global who led sessions on Hedera Hashgraph, its consensus mechanism, developer tools, and enterprise applications. Students learned about blockchain career opportunities and gained practical insights into distributed ledger technologies and their real-world uses.

Google Developer Student Club

GDSC SIT Pune is a vibrant community of tech enthusiasts, where students come together to explore the latest technologies, enhance their skills, and create meaningful projects that have a real-world impact. They conducted "WebWeave," an electrifying online web development competition





STUDENT CLUB EVENTS

CodeX Club

Bug2Bot was a two-day event at SymbiTech 2025. In the first round, participants searched for a hidden PC number and fixed a buggy program. The second round featured a remote-control car obstacle course that required teamwork and strategy. The event was open to all and was a big success, with lots of energy and strong collaboration.



AR/VR-Game Development Club



The Department of Computer Science and IT Engineering, along with the AR/VR Club and Cyber Blockchain Club, held an AR/VR Bootcamp on Game Development with SDL3. Led by expert Tanuj Shrivastava, students from CSE and IT gained hands-on coding experience, built interactive game projects, and learned about real-world AR/VR applications in gaming.



FACULTY'S ACHIEVEMENTS



Dr. Renuka Agrawal, along with co-author Usha Jogalekar, successfully completed a research publication with the support of the Department of Computer Science and Information Technology, SIT Pune. Special thanks were extended to Dr. Sashikala Mishra (Head, CSE), Dr. Deepali Vora (Dy. Director – Academics), and Dr. Ketan Kotecha (Director, SIT Pune) for their guidance and leadership.

Dr. Pooja Bagane has been selected for the InteRussia Fellowship Program in Engineering (June 1–29, 2025), to be held in Novosibirsk, Russia. This prestigious program brings together engineers and researchers worldwide for intensive training and collaboration under the guidance of leading experts.





FACULTY'S ACHIEVEMENTS

Dr. Sashikala Mishra, HoD, CSE, SIT Pune, was invited to chair a technical session at the 7th International Conference on Smart Computing and Informatics (SCI 2025) held at Sunway University, Malaysia. The conference focused on harnessing AI for sustainable development, bringing together global researchers and practitioners.

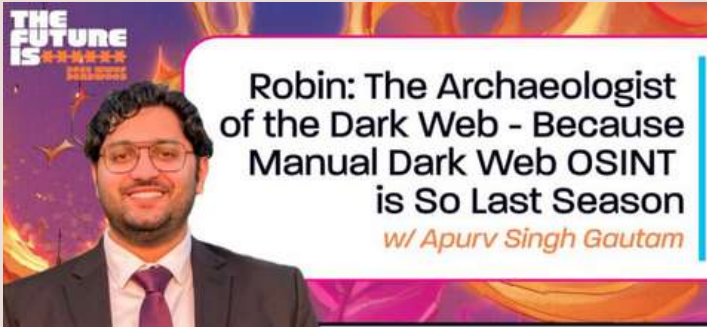


Prof. Ranjeet Bidwe presented two research papers on password security and brain tumour classification at SCI 2025, Sunway University, Malaysia, contributing to global discussions on AI and sustainability.

Dr. Vani Hiremani presented her research on “Smart Surveillance: Real-Time Crowd Detection and Density Estimation with CNNs” at SCI 2025, Sunway University, Malaysia. The conference, themed AI for Sustainable Development Goals, brought together global experts to explore innovations in smart systems and AI.



KNOW YOUR ALUMINI



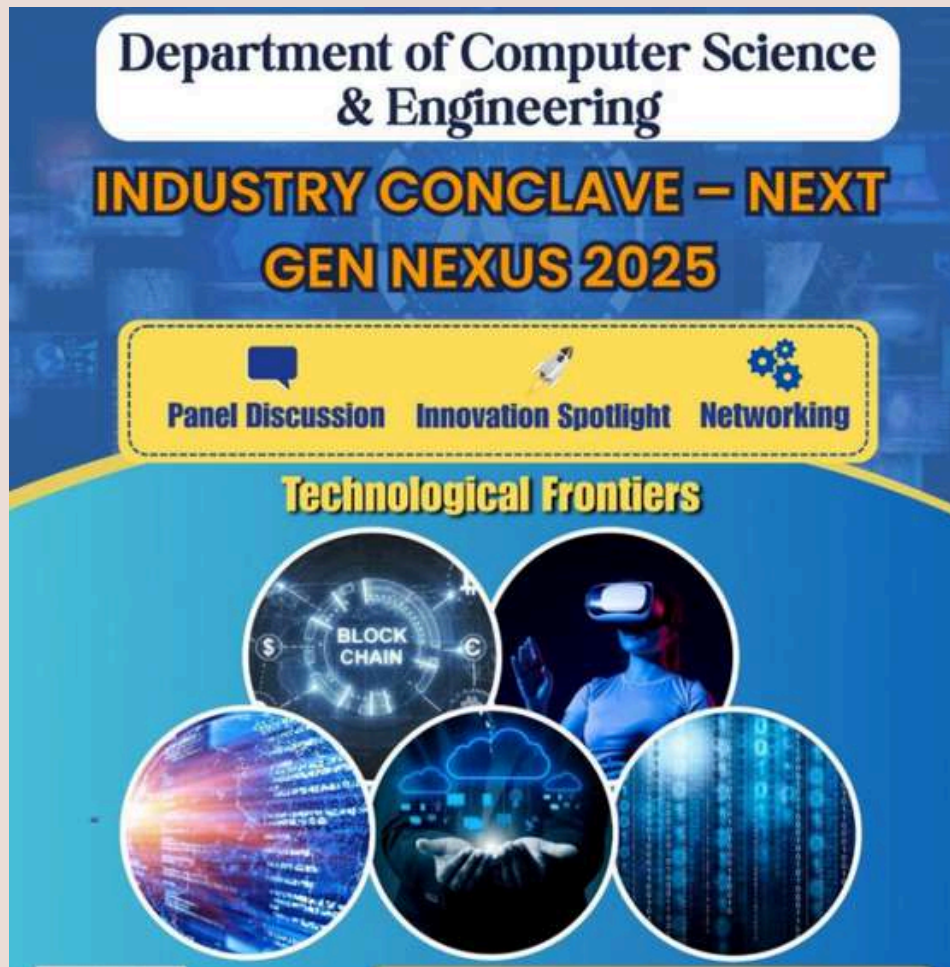
Apurv Singh Gautam, Sr. Threat Research Analyst at Cyble and Georgia Tech alum, will be speaking at Wild West Hackin' Fest 2025, introducing Robin, an AI-powered dark web OSINT tool that automates investigations and advances cybercrime research.

Alumni Meet in Dublin
Great to meet SIT Pune alumni Akshat Vashishtha, Ameya Rane, Anushree Kolhe, Dhavan Shah, Sarthak Tyagi, and Aishwinder Sandhu, and hear their inspiring journeys.



We are delighted to share that our alumna Sneh Pahilwani has joined Microsoft, a global leader in technology and innovation. Wishing her continued success and growth in this exciting journey.

INDUSTRY CONCLAVE – NEXT GEN NEXUS 2025



The Department of Computer Science & IT Engineering, SIT Pune successfully hosted the Industry Conclave – Next Gen Nexus on May 3, 2025. The event featured insightful discussions on emerging technologies including AI & ML, Generative AI, Cybersecurity & Blockchain, and Smart Systems & Sustainability.

Students presented innovative, solution-driven projects, while new collaborations with industry leaders began to take shape. SIT Pune continues to strengthen industry-academia ties, preparing future-ready engineers with real-world impact.

INDUSTRY CONNECT ACTIVITIES



Dr. Sudipta Banerjee, along with Prof. Mahesh Arse (CSE, SIT Pune), visited 3C IT Solutions & Telecoms (India) Ltd., Pune to review the progress of student interns and explore avenues for collaboration. A productive discussion with Mr. Thounaojam Pakasana (HR Head) focused on opportunities in internships, live projects, expert talks, and skill-building initiatives, strengthening the industry-academia partnership.



SIT Pune welcomed Geetanjali Gupta, Founder of Headspur Technologies, who shared her inspiring entrepreneurship journey and insights on UI/UX, product strategy, and innovation. Discussions also explored potential collaborations, including an Innovation Lab to provide students with real-world project and internship opportunities.

INDUSTRY CONNECT ACTIVITIES



Second-year CSE students from SIT Pune visited C-DAC Pune to explore India's advanced supercomputing facilities. The visit offered insights into high-performance computing and its applications in AI, simulations, and cybersecurity.

INTERNATIONALISATION

We are proud to announce that Sneha Padgaonkar has been selected for the Summer Research Program at the University of Liverpool, UK. She will undertake an 8-week project titled “Engineering – Affordable, High Precision Corneal Topography Device” under the guidance of Dr. Ahmed Elsheikh, Professor of Biomedical Engineering (16 June – 8 August 2025).



Aryan Bachute (CSE, SIT Pune) participated in the INTERACT International Conference at Loughborough University, UK, contributing to sessions on AI in supply chain and a MATLAB & Simulink workshop. He also visited the University of Derby and Imperial College London, gaining valuable global exposure to cutting-edge innovations.



INTERNSHIPS AND PLACEMENTS

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BTech : 2021 - 25

B.TECH PLACEMENT WITH INTERNSHIP(2022-26)

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Aarushi Dhawan (CSE) Satviki Budhia (CSE)

B.TECH PLACEMENTS WITH INTERNSHIP(2022-26)

Congratulations students for getting selected at a

Futures First



Surya Chandra Prakash (CSE) Megha Beria (CSE) Aaryan Dhawan (CSE)

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