



The Compuverse

NEWSLETTER

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Department of Computer Science & Engineering

Computer Science serves as the foundation for various technological advancements that the world sees today. The field has grown by leaps and bounds. The future innovations that it brings along never seem to slow down. Yet another beauty of computer science is that it finds a place in many interdisciplinary fields as well. With these, there also comes a necessity to keep up to the global demand of finding highly skilled engineers and scientists. Swami Vivekananda University, one of the top-ranked universities in India drives on the purpose of providing quality education and improving competence among students thereby living up to its motto, 'Progress Through Knowledge'.

Mission & Vision

The primary goal of a Department of Computer Science and Engineering is to advance knowledge and education in the fields of computer science and engineering. These departments are typically found to serve various objectives, including:

Education: The department aims to provide high-quality education to students at various levels, including undergraduate, graduate (master's and Ph.D.), and sometimes postgraduate diploma programs. The goal is to equip students with a solid foundation in computer science and engineering principles, theories, and practical skills.

Research: One of the key goals is to advance the state of knowledge in computer science and engineering through research. Faculty members and students engage in cutting-edge research projects that lead to innovations, discoveries, and contributions to the field's body of knowledge.

Innovation: Departments often foster an environment that encourages innovation and entrepreneurship. They aim to incubate new ideas, technologies, and startups that have the potential to address real-world problems and contribute to economic and societal progress.

Technology Transfer: In collaboration with industry partners, the department may work on technology transfer initiatives, facilitating the application of research findings in practical settings. This can include licensing intellectual property or collaborating on industry-sponsored projects.

Professional Development: The department often focuses on the professional development of its students by providing opportunities for internships, co-op programs, and industry connections. The goal is to prepare students for successful careers in computer science and engineering-related fields.

EDITOR'S MESSAGE



The Department has state-of-the-art infrastructure and computing equipment supported by high-speed Ethernet and wireless networks. Our faculty members aim to deliver top-class education by blending their rich research experience with classroom teaching.

The students are motivated to participate in Curriculum, Co-Curricular, and Extra-Curricular Activities. They are encouraged to attend National, State, and international Workshops and Conferences to enhance their knowledge. Students are also encouraged to attend Value-Added Courses and do mini projects on new technologies to bridge the gaps between the curriculum, industry needs, and the software development process.

We are overwhelmed by the response that we received from students, faculties and staff in making this newsletter possible. In this newsletter, we have reported different activities, such as the success report of TechFest 2025 and Conference ICEDC2025. We would like to also thank Dean of Science and Program Coordinators and other faculty members for providing information and valuable suggestions. I hope you will enjoy reading this issue!!!

Activities Timeline of February

- ✓ Participating with a few faculty members from CSE in the SVU Monthly Faculty Lecture on the 26th of February 2025.

GATE 2025 – AIR 38

SUROJIT PANJA, in Computer Science and Engineering, School of Engineering, has secured GATE 2025 Rank! His All India Rank (AIR) is **38**. He is now a Final year student in the Department of Computer Science and Engineering, School of Engineering. He secured AIR 197 in GATE 2024. We wish him for his bright success!



TechFest 2025 Winner

Winner of TechFest 2025 (Nirman Mela) for Model Presentation.

Organised by: - Swami Vivekananda University, Barrackpore.

Project: - Virtual Trial Room (VTR).

Under the Guidance of: Apurba Sarkar & Jayanta Chowdhury,

Team Members: Sayanta Ghosh, Sayan Das, Soham De from BCA 2nd Year, School of Computer Science.



ICEDC 2025

Report on 3rd International Conference on Engineering Design and Computing (3rd ICEDC) -2025

The conference aims to encourage interdisciplinary collaboration, serve as a platform for sharing innovative ideas, facilitate discussions on real-world engineering challenges, support young researchers, and promote knowledge dissemination through keynote speeches, technical sessions, and panel discussions.



The 3rd International Conference on Engineering Design and Computing (3rd ICEDC) 2025 provided a premier platform for researchers, academics, scientists, and industry professionals to share innovations in engineering design, computing, and intelligent systems. Centered on the theme “Sustainable Solutions in Engineering, Science, and Computing,” the conference examined cutting-edge technologies and sustainable engineering

practices to tackle global challenges.

The proceedings included discussions of high-quality research papers, technical reports, and case studies on **artificial intelligence, computational modeling, automation, smart materials, and sustainable engineering and applied science**. By emphasizing interdisciplinary approaches, the conference promotes innovation, efficiency, and environmental responsibility in engineering applications.



Key contributions encompass advancements in **machine learning-driven design, energy-efficient computing, IoT, digital twins, and cyber-physical systems**. The event also features keynote addresses, panel discussions, and workshops led by leading experts, offering insights into emerging trends and industry best practices.

By connecting academia with industry, **ICEDC 2025 fosters research collaborations, industry partnerships, and practical solutions for sustainable development**. These proceedings are a valuable resource for researchers, engineers, and practitioners, fueling future innovations in engineering, science, and computing.

