



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



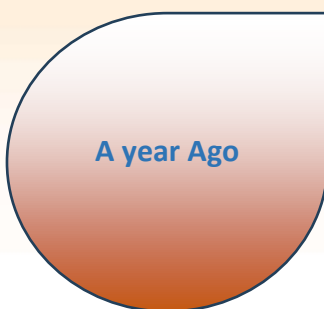
The Department of Computer Science and Engineering, Swami Vivekananda University, continues to advance its vision of academic excellence by nurturing a dynamic ecosystem of research, innovation, and professional growth among students and faculty members. The Department remains committed to fostering interdisciplinary learning and strengthening the synergy between academia and industry through regular academic engagements, research initiatives, and collaborative platforms.

A major highlight of this period was the successful organization and participation in the *4th International Conference on Engineering Design and Computing (ICEDC 2026)*, held on 27th–28th February 2026 at the university campus. The conference served as a prestigious global platform bringing together researchers, academicians, and industry professionals to exchange ideas and showcase advancements in engineering design and computing. With a strong emphasis on demand-driven research and real-world problem solving, the event featured keynote sessions, technical paper presentations, and discussions on emerging technological trends.

The active involvement of faculty members as program chairs and reviewers, along with research paper presentations by students and scholars, reflects the Department's growing research footprint and global academic engagement.

These collective accomplishments underscore the Department's continuous efforts to build a strong research culture, promote innovation, and encourage academic excellence. The enthusiasm and active participation of students in internships, conferences, and scholarly activities reflect their preparedness to meet future technological challenges with confidence and competence.

We extend our sincere gratitude to the University authorities, Dean of Science, Program Coordinators, faculty members, students, and staff for their unwavering support and valuable contributions in bringing out this newsletter. We hope this issue provides meaningful insights into the Department's recent activities and achievements, and we wish our readers an engaging and enriching experience.



Graduation Day & Certificate Distribution Ceremony

Hosting the Graduation Day & Certificate Distribution Ceremony under the NASSCOM CSR Project at Swami Vivekananda University on 20th March 2025.



Swami Vivekananda

University, renowned for its commitment to academic excellence and industry collaboration, hosted a grand Graduation Day and Certificate Distribution Ceremony on March 20, 2025. This event marked the culmination of the NASSCOM CSR Project, celebrating the achievements of students who completed specialized training programs aimed at enhancing employability in the IT and digital sectors.

ICEDC 2026

A Global Platform for Innovation and Research

The **4th International Conference on Engineering Design and Computing (ICEDC 2026)**, organized by Swami Vivekananda University (SVU), is set to be a landmark academic event bringing together researchers, academicians, and industry experts from across the globe. Sponsored by the Anusandhan National Research Foundation (ANRF), the conference will be held on **27th–28th February 2026** at the university's eco-friendly campus in Barrackpore, Kolkata.



ICEDC 2026 aims to create a vibrant interdisciplinary forum focused on advancing knowledge in **engineering design, computing technologies, and emerging innovations**. The conference will provide a platform for participants to present cutting-edge research, exchange ideas, and collaborate on solving real-world engineering challenges.



With a strong emphasis on **demand-driven research and practical applications**, the event will feature keynote sessions, technical paper presentations, and discussions on contemporary trends shaping the future of technology. Researchers and students will benefit from networking opportunities and exposure to global perspectives in engineering and computing domains.

ICEDC 2026 reflects SVU's commitment to fostering academic excellence, innovation, and collaborative research. By hosting this international conference, the university continues to strengthen its role as a hub for intellectual exchange and technological advancement.



Some departmental faculty members, scholars, and students have participated in and presented their paper at ICEDC 2026. In particular, Prof. Somsubhara Gupta serves as Program Chair, and some senior faculty members act as paper reviewers for conference papers.

Departmental Activity

Student Internship: Rupashi Sethi, currently pursuing Bachelor of Technology in Computer Science and Engineering from Swami Vivekananda University, Kolkata, has completed her internship from 6th January 2026 to the 6th of March 2026 with Cyber Crime Wing, Meghalaya Police.

ALOK KUMAR SHAW – B.TECH CSE – 3rd Year. Roll no – 002-BCS-2023-026 and **Y. VINAY KUMAR**– B.TECH CSE – 3rd Year. Roll no – 002-BCS-2023-514 have join GrowMeOrganic (OPC) Private Limited as a **React Developer Intern**.

Faculty Publications:

- [1] **Souvik Mazumder, Sanjay Nag**, Prasenjit Kundu and Sayani Ghosh (2025); A Study On Advanced Image Processing Techniques For Detecting Brain Metastasis Tumors From Radiological Images, Int. J. of Adv. Res., 13 (08), 742-746, ISSN 2320-5407. DOI URL: <https://dx.doi.org/10.21474/IJAR01/21562>
- [2] **Souvik Mazumder; Sanjay Nag**; Prasenjit Kundu; Sayani Ghosh, “A Systematic Review of Screening Techniques for Early Detection of Metastatic Brain Tumors and their Histopathological Correlation”, *Scope*, Volume 15 Number 04, December 2025. <https://scope-journal.com/assets/uploads/doc/b4fe9-1102-1125.280380.pdf>

Book Publication: *Pointers in C: Core Concepts at a Glance* by Ujjwal Kumar Kamila, Dr. Bikash Debnath, **Dr. Chayan Paul**, Dr. Nandan Banerji, Sumit Kar

NPTEL STARAWARD: Proud moment for SVU!

Ms. Sangita Bose, Assistant Professor of the CSE department, has received the Prestigious Title of NPTEL Star performer and is recognized as an NPTEL Believer.

