



## 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 uphold its commitment to academic excellence by fostering a culture of interdisciplinary learning, research innovation, and professional development among students and faculty. This commitment is reflected in the consistent organization of academic events, seminars, and collaborative activities that bridge the gap between theory, research, and industry practices.

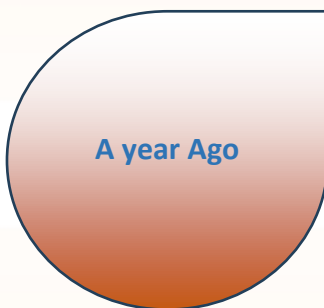
A notable highlight of this period was the successful organization of the *Artificial Intelligence Impact Pre-Summit Seminar 2026*, held on 13 February 2026. The seminar served as a dynamic platform to explore the transformative role of Artificial Intelligence in research, industry, and society. Distinguished speakers from academia and industry shared valuable insights on emerging AI trends, industrial applications, and future research directions, inspiring students to actively engage in innovation and technological advancement. The event also encouraged meaningful academic–industry interaction and strengthened the

research orientation of the department.

In addition to such academic initiatives, the Department has witnessed commendable achievements by its students and faculty members. Students have actively participated in internships and research programs at reputed institutions and organizations, enhancing their practical exposure and professional readiness. Faculty members have contributed significantly to the research community through publications in reputed journals and by taking up key roles such as program chairs and reviewers in international conferences.

These accomplishments reflect the Department's continuous efforts to promote a strong research culture, industry engagement, and academic growth. The active participation of students in seminars, conferences, and internships demonstrates their enthusiasm to excel beyond the classroom and prepare for future technological challenges.

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 offers an insightful overview of the Department's recent activities and achievements, and we wish you a meaningful and engaging reading experience.



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 2<sup>nd</sup> Year, School of Computer Science.



# ICISE 2026

## Report on Artificial Intelligence Impact Pre-Summit Seminar 2026

The Department of Computer Science and Engineering (CSE), Swami Vivekananda University, organized the “Artificial Intelligence Impact Pre-Summit Seminar 2026” on 13th February 2026 at Block-7, Room No. 301. The seminar was conducted as a pre-summit academic activity to highlight the growing role of Artificial Intelligence (AI) in research, industry, and society.



The programme began with the **Inaugural Session at 2:30 PM**, where the organizing committee welcomed faculty members, research scholars, and undergraduate students. The importance of Artificial Intelligence in transforming education, industry, and human capital development was emphasized during the opening remarks. Such pre-summit events aim to prepare students and researchers for future AI-driven opportunities and foster academic–industry collaboration.

At **3:00 PM**, the **Keynote Address** was delivered by **Dr. Abhijit Chatterjee, Principal Engineer (Design and Industry R&D), GlobalFoundries, Bangalore**. Dr. Chatterjee discussed the impact of AI in industrial design, semiconductor technology, and research and development. He highlighted current trends, challenges, and future prospects of AI in the global technology ecosystem, inspiring students to explore AI-based research and innovation.

The seminar also featured technical sessions by **Dr. Pabitra Pal, Associate Professor, Department of CSE, SVU**, and **Prof. Somsubhra Gupta, Professor, Department of CSE, SVU**. The speakers elaborated on AI fundamentals, emerging research domains, and applications of machine learning and intelligent systems. They encouraged students to engage in research projects, attend workshops, and contribute to national and international AI initiatives.

All CSE students were instructed to be seated by **2:20 PM**, and the event witnessed active participation from students and faculty members. An interactive question-and-answer session followed the talks, allowing participants to clarify their queries and discuss future research directions in Artificial Intelligence.

The **Artificial Intelligence Impact Pre-Summit Seminar 2026** concluded successfully, enhancing students’ understanding of AI technologies and their real-world impact. The seminar served as an important academic platform to promote awareness, research interest, and industry readiness among students and faculty of the CSE department.

# Departmental Activity

**Conference Participation:** 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.

**Student Internship: Praveen Kumar**, Roll No. 002-BCS-2022-084, B.TECH CSE – 3rd, has completed the Winter Research Internship Scheme (WRIS) -2025 at IIT ISM Dhanbad in the Research Field. And

**SK IMRAN UL HAQUE**, Roll No. 002-BCS-2024-081, B. Tech in CSE, got a Cyber Security Internship in ELEVATE LABS.



## Faculty Publications:

[1] **Amitava Sarder**, Somsubhara Gupta and Ranjan Kumar Mondal, "Assessing Big Data's Impact of Uncertainty from the Perspective of Core Education", *Grenze International Journal of Engineering and Technology*, January Issue. Pp 1385-1392, Volume 12, Issue 1 (January 2026).

[2] **Laboni Sarkar**, Somsubhara Gupta and Ranjan Kumar Mondal, "Intrusion Detection in Higher Educational Institution using Industrial Internet of Things through Software Defined Network", *Grenze International Journal of Engineering and Technology*, January Issue. Pp. 1364-1370, Volume 12, Issue 1 (January 2026).

Link: <https://thegrenze.com/index.php?display=page&view=journaldetails&id=8>

