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 t 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 strive to deliver top-class education by combining their extensive research experience with effective 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, faculty, and staff in making this newsletter possible. In this newsletter, we have reported on departmental books published in 2025 and Department achievements. We would also like to thank the Dean of Science, Program Coordinators, and other faculty members for providing us with information and valuable suggestions. I hope you will enjoy reading this issue!!!

ICSRD: CSE Story

A year Ago

The School of Engineering successfully organized ICSRD. The CSE faculty and students with other departments under School of Engineer attended the conference, presented their papers, and received certificates of attendance. Following is a glimpse.

Departmental Books in 2025

Departmental book publishing involves academic departments within universities producing and disseminating research works, such as research monographs, book chapter. The department proudly published three books in a Year.

CYBER FORTRESSES
Adaptive Cybersecurity in the Age of AI and Quantum Threats
ISBN 978-81-974233-7-6
Edited & contributed by:
Members of the School of Computer Sciences

ENSEMBLE ALCHEMY
CRAFTING POWERFUL MODEL WITH DIVERSE TECHNIQUES
EDITED & CONTRIBUTED BY SCHOOL OF COMPUTER SCIENCES
ISBN NO:978-81-974233-1-4

Unveiling Deep Learning
Innovations Techniques and Applications
Edited & Contributed by
Member of School of Computer Science
Swami Vivekananda University

CLOUD CHRONICLES
Navigating the New Era of Distributed Computing
ISBN NO: 978-81-974233-8-3
Edited & Contributed by School of Computer Sciences

Departmental Achievement

Student Achievement: One of the students of B.Tech CSE, Mr. Eklavya Kumar Prasad, has completed his full-time summer internship at IIT BHU, Varanasi.

Date: July 16, 2025

SUMMER INTERNSHIP CERTIFICATE

This is to certify that **Mr. Eklavya Kumar Prasad (002-BCS-2022-117)** of **Bachelor of Technology in Computer Science and Engineering** from Swami Vivekananda University(SVU), Kolkata, West Bengal has completed his fulltime summer internship under my guidance at the Department of Computer Science and Engineering, Indian Institute of Technology (IIT), BHU, Varanasi.

The summer internship was about **6 weeks and 3 days from 2nd June to 16th July 2025**. He worked on the topic "**Intelligence Techniques for Energy Consumption in Residential Smart Buildings**". He is good in punctuality, learning the models, and learns fast.

During his interaction and working with me, I found him humble, simple and sincere. His analytical power and summarisation skills are satisfactory. I will be happy to invite him as a part of team for further works in this direction.

I wish him all success in career and life.

Vinay de Srivastava 16/07/2025
Dr. Vinayak Srivastava

Faculty Achievement: **Dr. SANJAY NAG** secured a top 1% position in the NPTEL online course in *An Introduction to Programming in C* in the current semester.

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

Skill India

This certificate is awarded to

SANJAY NAG

for successfully completing the course

Introduction to Programming in C

with a consolidated score of **92** %

Online Assignments	25/25	Proctored Exam	67.02/75

Total number of candidates certified in this course: **1771**

TOP TOPPER 1%

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jul-Sep 2025
(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL25CS119S539600326   To verify the certificate   No. of credits recommended: 2 or 3