

**SWAMI VIVEKANANDA
UNIVERSITY**



NEWS LETTER

Volume-I, Issue-VII

**Department of Computer
Science & Engineering**



The Compuverse

Committee and Editorial Board

President: Dr. Nandan Gupta

Vice-President: Prof. (Dr.) Subrata Kumar Dey

Convener: Mr. Sourav Saha

Joint Convener: Mr. Subrata Nandi

Secretary: Prof. (Dr.) Somsubhra Gupta

Advisory Board:

Mr. Saurabh Adhikari

Mr. Tanmoy Mazumder

Prof. Amitabha Gupta

Editor-in-Chief: Dr. Ranjan Kumar Mondal

Editorial Board:

Dr. Sanjay Nag

Dr. Chayan Pal

Payel Bose

Sangita Basu

Sumana Chakraborty

Sukriti Santra

Lipika Mukherjee Pal

Published: 20.07.2024

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 at delivering top class education blending their rich research experience with classroom teaching.

The students are motivated to participate in Curricular, Co-Curricular and Extra-Curricular Activities. Students are encouraged to attend National, State level & International Level Workshop and Conferences to enhance their knowledge. Students are also encouraged to attend Value Added Courses and do mini projects on new technologies to meet out the gaps between the curriculum and Industry needs and 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 department strong points as well as department two activities (two RAC and a FDP). 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!!!

Departmental Strong points

- **Cutting-Edge Curriculum:** CSE departments often offer a curriculum that reflects the latest trends and advancements in technology. This includes courses on artificial intelligence, machine learning, data science, cybersecurity, cloud computing, and more, ensuring students are equipped with relevant skills for the rapidly evolving tech industry.
- **Faculty Expertise:** Strong CSE departments boast faculty members who are experts in their respective fields. They often have diverse research interests and experiences, contributing to a rich academic environment. Faculty members may also have industry connections, providing students with valuable insights and networking opportunities.
- **Research and Innovation:** CSE departments are often at the forefront of research and innovation. They may have dedicated research labs and centers focusing on various domains such as robotics, computer vision, natural language processing, and human-computer interaction. Students have the opportunity to engage in cutting-edge research projects, leading to publications and real-world impact.



- **State-of-the-Art Facilities:** Well-equipped laboratories, computing infrastructure, and modern facilities are essential components of strong CSE departments. Access to high-performance computing resources, software tools, and specialized equipment enables students and faculty to conduct experiments, simulations, and projects effectively.
- **Continuous Improvement:** Strong CSE departments are committed to continuous improvement and excellence. They regularly review and update their curriculum, facilities, and programs to stay relevant and competitive. Feedback mechanisms, accreditation processes, and quality assurance measures ensure that the department maintains high standards of academic rigor and student satisfaction.

Departmental Activities



RAC - I meeting held on 22.6.24 for PhD batch 2022, There was present as External Member Dr. Himadri Biswas, Professor and Head, Dept. of CSE, Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex 540 Dum Dum Road, Surermath, Kolkata-74 , WB



RAC - II meeting held on 29.6.24 for PhD batch 2021. There were present as External Members Dr. Dharmpal Singh, Dr. Shibakali Gupta, Dr. Hrishikaesh Bhaumik.

Participation of Faculty Development Program

Faculty of School of Computer Science has successfully completed Faculty Development Program held on 17-22 June, 2024. There are some snapshot of the program.



SWAMI VIVEKANANDA
UNIVERSITY

IN ASSOCIATION WITH
IBM

Faculty Development Program on Business Intelligence - Descriptive Analytics

Enhance Data Visualization and Analytical Skills

Swami Vivekananda University, Kolkata, in collaboration with its academic Industry partner IBM Software Lab, is proud to present an intensive Faculty Development Program (FDP) focused on Business Intelligence and Descriptive Analytics. This 32-hour program is meticulously designed to provide faculty members with comprehensive training in data visualization, reporting, and dashboard creation.

Program Highlights

- Expert-Led Training
- Hands-On Experience
- Industry Exposure
- Certification

Salient Features

- Comprehensive Curriculum
- Interactive Learning
- Networking Opportunities
- Resource Access



**6 DAYS PROGRAM
STARTING FROM 17th JUNE 2024**

Join us for this enriching experience and take teaching and analytics skills to the next level.



SWAMI VIVEKANANDA UNIVERSITY

EXCELLENCE * INNOVATION * ENTREPRENEURSHIP

www.swamivivekanandauniversity.ac.in

