



SWAMI VIVEKANANDA UNIVERSITY

EXCELLENCE. INNOVATION. ENTREPRENEURSHIP

NEWS LETTER

Volume-I, Issue-X

**Department of Computer
Science & Engineering**





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
Dr. Subrata Nandi
Dr. Payel Bose
Sangita Bose
Sumana Chakraborty
Lipika Mukherjee Pal

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.

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.



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 – departmental success in Internal Smart India Hackathon 2024. 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!!!

What is in Next Issue?

In the next issue, there will be departmental news and news of the 1st International Conference on Sustainable Research and Development (ICSRD) —2024, which was held at the School of Engineering in Swami Vivekananda University.



Departmental Website Page

The following screenshot is of the departmental website page, Department of Computer Application. It contains departmental-related issues, including Mission & Vision, Core Values, Salient Features, Message Desk, etc.



Department Of Computer Application

The Department of Computer Application at Swami Vivekananda University, Barrackpore, is a center of quality education and advanced practical sessions. Since its foundation, the department has been nurturing the hidden skills of aspiring Computer Application experts. The faculty members of this department are highly qualified and hold years of experience in this line. With their dedication and art-of-state infrastructure, the Computer Application Department has been supporting its students with an inclusive and positive study environment. Students are encouraged to participate in multiple seminars and conferences to cultivate their skills. The department also organizes regular practical sessions to give hands-on experience and workshops and special lectures to expand the knowledge barriers of students. In short, the Department of Computer Application at Swami Vivekananda University, Barrackpore, offers an all-rounded opportunity for budding professionals of the future.

Our Courses



Bachelor

Bachelor of Computer Application

The bachelor of computer application course at Swami Vivekananda University, one of the best colleges for bachelor of computer application, is a three-year...

[Read More >](#)



Master

Master of Computer Application

The master of computer application program at Swami Vivekananda University, one of the best master of computer application colleges in Kolkata, is designed to...

[Read More >](#)

Mission & Vision

Salient Features

Core Values

Why This Department

Message Desk

Mission & Vision

Mission:

- The department focuses on the fundamental principles of Computer Application courses and their applications in the relevant industry.
- The department aims to create a positive and inclusive learning environment to promote high-level teaching, learning, and skill development activities.
- The art-of-state infrastructure of the department vows to dedicate its worth to developing skilled analysts of the software society considering the ethical, ecological, and economic aspects of the nation.

Vision: The goal of the Computer Application Department is to provide the necessary education to students so that they can prosper in their careers. The department aims to nurture students to develop innovative software solutions that can be beneficial to the software industry.

Objectives: The objective of the Computer Application Department of Swami Vivekananda University is to provide high-quality education, promote research, and foster innovation and other constructive skills to aspiring professionals. Their effective emphasis on industry collaboration, research work, and contribution to national development makes the department a chosen one for aspiring analysts.



Departmental / Students Activities

Hackathon: CSE Story

Internal Smart India Hackathon 2024—Technovation 2024 was held on 5.9.24. SVU INNOVATION 2024 is an intra-university Hackathon program. The Students from CSE Secured 2nd and 3rd positions out of more than 90 teams. The following screenshot shows some groups from CSE who participated in the program.

52	BIJIT SINGH	TM	Team Binary	M	8100202602	BTECH CSE	Queuing models in OPDs/ availability of beds/ admission of patients. A hospital based solution is ideal which can be integrated with city wide module.	SIH1620	80	
	SK NAZMUL HOSSAIN	TM		M	9733734981	BTECH CSE		SIH1620		
	SK ALAMIN HOSSAIN	TM		M	8250440482	Btech cse		SIH1620		
	JINIYA ROY	TM		F	8918976585	BTECH CSE		SIH1620		
	PRITAM HALDAR	TL		M	8240680178	BTECH CSE		SIH1620		
	AYUSHMAN DHARA	TM		M	9051110058	B.tech CSE		SIH1620		
53	RISHKESH PANDIT	TM	Team Cypher	M	8343036594	BCA	Queuing models in OPDs/ availability of beds/ admission of patients. A hospital based solution is ideal which can be integrated with city wide module	SIH1620	48	
	ABIR SHAIKH	TM		M	8777406820	BTECH CSE		SIH1620		
	AYISH SHAIKH	TL		M	8289043395	BTECH CSE		SIH1620		
	ASHMIT RAI	TM		M	8291874060	Btech CSE		SIH1620		
	PRIYANSHU PAUL	TM		M	8289104794	B.TECH CSE		SIH1620		
	DALIA GHARA	TM		F	9735311081	B.TECH CSE		SIH1620		
54	PRATIMA JENA	TM	Team Elite	F	8075048276	Btech CSE	Automated Bus Scheduling and Route Management System for Delhi Transport Corporation	SIH1612	52	
	BIDISHA ROY	TM		F	8017228070	B.Tech CSE		SIH1612		
	SAHADEV TEWAY	TM		M	9060263202	B.tech CSE		SIH1612		
	SUDIPTA PATRA	TM		M	9958536443	B.TECH IN CSE		SIH1612		
	ASHMIT CHAKRABORTY	TM		M	9893364910	Btech (cse)		SIH1612		
	SARVESH SOUMIL	TL		M	9523361045	B.Tech in Data Science		SIH1612		
55	MAMATA DEY	TM	Team Warriors 2.0	F	9883174081	Mechanical engineering	Student Innovation- Rescue Vision Pro: Revolutionizing Search and Rescue Operations using AI Powered Drones and Thermal Imaging	SIH1533	80	
	CHANDRA MEL	TM		F	8100624828	Diploma in cst		SIH1533		
	SULEKHA BALA	TM		F	8289424002	Diploma in CST		SIH1533		
	PRINCE MONDAL	TM		M	7003385756	B.Tech Mechanical Engineering		SIH1533		
	SUBHAJIT JANA	TM		M	7908401809	B.tech CSE		SIH1533		
	RITVIK DEY	TL		M	8609570153	B. Tech in Mechanical		SIH1533		
56	SK MAHAMMAD SAHIL	TM	Tech Titans	M	7679835604	Bachelor of Technology B.Tech in comp	Automated bus scheduling and rout management system for delhi transport corporation	SIH1612	62	
	JGSHU KHANRA	TM		M	7029066102	B-TECH (CSE)		SIH1612		
	SUMIT KHAN	TM		M	8294707829	B.tech . CSE		SIH1612		
	SREEJIT BHATTACHARYA	TM		M	8250917326	Btech CSE		SIH1612		
	HONEY SHAW	TM		F	8100272862	Btech in data science		SIH- 1612		
	ARINDAM GUHA	TL		M	9734119391	Bachelor of technology Computer Scienc		SIH1612		
57	ANKUSH KUMAR DUTTA	TM	Server Saviour	M	9748786058	Btech CSE	Developing a tool to provide for real time feeds of cyber incident pertaining to Indian Cyber Space.	SIH1677	77	
	DIPAK JENA	TM		M	7001466407	BTECH CSE		SIH1677		
	SHUBHAM	TM		M	8291582279	Btech cse		SIH1677		
	SOVON DAS	TM		M	7974349880	B.Tech (CSE)		SIH1677		
	HARSH RAJ TIWARI	TM		M	9748639483	Btech CSE		SIH1677		
	SUBHALAXMI PANDA	TL		F	8289874281	BTECH CSE		SIH1677		

19	BIJOY KAR	TL	Chronos	M	8291413408	B.Tech CSE	Develop a ML Model based solution to refine CAPTCHA	SIH1672	85	3rd
	SHARMILI DAS	TM		F	9875475021	BTECH CSE		SIH1672		
	PARIJAT DAS	TM		M	9123828928	B.Tech CSE		SIH1672		
	AASHI CHATTERJEE	TM		F	9051851130	B.Tech CSE		SIH1672		
	SOHAM BANIK	TM		M	8697911370	BTECH CSE		SIH1672		
	ARNAB KUNDU	TM		M	8617262630	B.Tech CSE		SIH1672		

60	SAYAN MAITY	TL	The Rookies	M	9832733769	BTECH CSE	Indian sing language to Text/Speech translation	SIH1716	90	2nd
	RUDRA PARBAT	TM		M	8697989224	Btech Cse		SIH1716		
	ANASUYA ROY	TM		M	8617542337	B.tech CSE		SIH1716		
	SUBHAM DAS	TM		M	8670123888	BCA		SIH1716		
	SAMIRAN PATRA	TM		M	9907367725	BTECH CSE		SIH1716		
	ANTIKA HALDER	TM		F	8334987629	B.tech cse		SIH1716		

Data: Total SVU team: 81
CSE team: 26

Qualified team from CSE: 13
Position: 2nd and 3rd (2 out of 5)