Placement 2021

AGNIDEEP PODDER
TCS / Wipro

ANIRBAN PAL
TCS

AISHIK SETT
Blue Conch
Technology//Wipro/
NAGARRO

ARKO DUTTA
Capgemini

ARPAN DAS
INCEPTIAL INFRASTRUCT
URE & TECHNOLOGY

SHREYA GHOSH
Chegg India

**BIPUL
CHAKRABORTY**
Idiosys Technology /
Bitwise Solutions Ltd.

**KHONDEKAR
MUSTAK RIYAJ**
Capgemini

RAHUL SAHA
TCS/Infosys/Wipro

ANINDYA MODI
CBNIT

**SHREYASI
MUKHERJEE**
Chegg India

PRATIK NANDAN
Chegg India

Arpan Laha
NAGARRO Software

Rima Kumari
Chegg India

KUNAL DAS
Chegg / Inceptial

ROHIT SHAW
TCS

AND THE LIST CONTINUES..

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Save Energy

Reduce Reuse Recycle

SAVE WATER

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering, since its inception in 2009, has always attracted the best of engineering aspirants from all over the country. It is successful in producing skilled and competent Computer Engineers and Entrepreneurs ready to satisfy the needs of the industry and society at large.

The Department is equipped with adequate infrastructure to support academic, research and extra-curricular activities for the all-round development of our students with well-qualified, skilled and experienced faculty members. The department frequently organizes workshops, invited talks, seminars regularly for the benefit of the student and faculty community.

Special assistance is provided to the students for Technical Training, Soft Skills and Aptitude throughout the semester.

The Department has an impressive placement track record of the students placed in reputed organizations.

COURSES OFFERED

Undergraduate Programme

(B.Tech. in CSE)

CARRIER OPPORTUNITIES

- ✓ Software developers
- ✓ Firms installing business systems.
- ✓ Advertising & Mass Communication
- ✓ Research Labs
- ✓ Computer & Technology manufacturers
- ✓ Digital Consulting firms
- ✓ Semiconductor companies
- ✓ Armed Forces
- ✓ Railways
- ✓ Educational Institutions
- ✓ Business
- ✓ Government
- ✓ Enterprises

COMPUTER SCIENCE & ENGINEERING

Choose your stream wisely ..

Annual Tech Fest 2019

INFRASTRUCTURE

- ❖ 6 Computer Labs with A/C and white board
- ❖ High speed (100 MBPS) internet access
- ❖ UPS with backup
- ❖ Spacious, well lit class rooms with wide corridors
- ❖ Laptop, Projector facility for presentation
- ❖ Wifi enabled campus

CSE Rocks

We Create..
We Simulate..
We Emulate..

- ❖ **Lab1: C Programming, Java programming**
- ❖ **VB Programming, Software Eng. Programming**

- ❖ **Lab 2: Java Programming, VB Programming, DBMS Programming**
- ❖ **Lab 3: C Programming, Java programming**
- ❖ **VB Programming, DBMS Programming**
- ❖ **Technical Training**
- ❖ **Lab 4: Shell Programming, OS programming, Networking, DBMS**
- ❖ **Lab 5: DBMS, C programming, C++, Software Engineering. Programming**
- ❖ **Project Lab: Project Work and Research Activities**

Team "TECH~BUZZ" bagged the first prize in the event of "Convolution 6.0 (Sparkhack)" 2020 at Jadavpur University due their out of box thinking innovation "CarePro: 24*7 Elderly Care Monitoring Device and App.

3 teams got selected for the finals of S4DS Innovation Hackathon 2020 to be held in New Delhi after a rigorous screening process on 15th October 2019 at GNIT.

Mr. Utsav Roy, Mr. Sunil Bhagat, Mr. Nihar Choudhary, Mr. Satish Sharma and Mr. Kalyan Jana of CSE fourth year students received appreciation for the project "Automatic Medicine Dispenser" presented in CII Innovative Project Competition, which received appreciation from a leading newspaper TOI.

Programing Practice in Computer Lab 2

Gaming Competition in computer Lab 1

Collaborative Endeavors

College has signed MOU since 2013 with Microsoft Corporation India with Oracle Corporation, Ardent Computech Pvt. Ltd, Asian Institute of Technology (Bangkok) to promote bonding with industry and Institutes.

A Memorandum of Understanding(MOU) signed between The Department of Computer Science and Engineering of and Ardent Computech Private Limited.

Infosys launched InfyTQ app (available in google play) for Infosys Certification and recruitment on the same day!

Team Rainbow in Smart India Hackathon 2019

STUDENT ACHIEVEMENTS

1. Won 4th position in Smart India Hackathon 2017 and reached finale in Hackathon 2019.

2. Reached grand finale in Bengalathon 2018& 2019.

3. Twelve (12) students passed NPTEL Online Courses.

4. Received excellent review from TOI for CII innovation project Automatic Medicine dispenser

5. Students are regularly publishing papers under faculty guidance. They published 4 papers in last one year.

6. Ms. Khushi Das of 3rd year CSE secured 4th position in MAKAUT chess competition 2019.

7. Three students of 3rd year selected for AIT Bangkok Winter Camp in 2019.

INSTITUTIONAL

VISION

❖ Create a conducive environment where changes and challenges that new technology bring would benefit the society.

MISSION

❖ To improve the quality of Technical Education and make the college a centre of excellence by maintaining high standard of learning and teaching process.

FACULTY ACTIVITY

❖ Faculty Development Program- 3 in last semester
❖ Participation in Conference, Workshop, Seminar, Invited talk – 14 in last one year
❖ Participation in NPTEL courses – 5 in last semester
❖ Invited talk, Seminar, Workshop by invited speakers and industry persons arranged by the Department – 8 in last one year
❖ Infosys Campus Connect Program for circuit branch since 2015
❖ Assistance in Admission Process since 2009
❖ Parent Teacher Meet- 2 per semester
❖ Student Mentoring – at least 30 students per mentor
❖ Journal Publications- 8 in last two years
❖ Conference Publications- 8 in last two years
❖ Collaborative Research Activity with renowned institutes like, ISI, Jadavpur University, University of Calcutta, VIT

Coding Contest

Impulse Project Competition
CSE Group Awarded First Prize
Project Name: Platform Independent Home Automation

DEPARTMENTAL

VISION

❖ To address the challenges of societal needs and global industry requirements in the area of Computer Science & Engineering with state of art education and research.
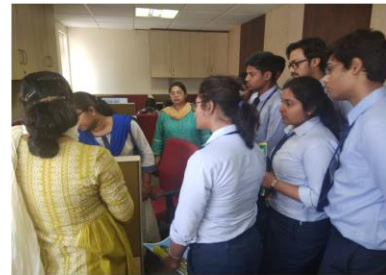
MISSION

❖ To provide an environment for education, research and development by imparting sound theoretical knowledge and practical skills in Computer Science & Engineering.

❖ To produce skilled graduate Engineers capable of designing solutions for industry and society.

❖ To inculcate work ethics and commitment in students for their future endeavors to serve socio-economic needs.

❖ To produce graduates with personal and professional responsibilities with dedication to lifelong learning.

PROGRAM OUTCOME

PO-1 Engineering Knowledge: Apply knowledge of mathematics and science, with fundamentals of Computer Science & Engineering to be able to solve complex engineering problems related to CSE

PO-2 Problem Analysis: Identify, Formulate, review research literature and analyze complex engineering problems related to CSE and reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences

PO-3 Design/Development of solutions: Design solutions for complex engineering problems related to CSE and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural societal and environmental considerations

PO-4 Conduct Investigations of Complex problems: Use research–based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions

PO-5 Modern Tool Usage: Create, Select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to computer science related complex engineering activities with an understanding of the limitations

PO-6 The Engineer and Society: Apply Reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the CSE professional engineering practice

PO-7 Environment and Sustainability: Understand the impact of the CSE professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development

PO-8 Ethics: Apply Ethical Principles and commit to professional ethics and responsibilities and norms of the engineering practice

PO-9 Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings

PO-10 Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large such as able to comprehend and with write effective reports and design documentation make effective presentations and give and receive clear instructions.

PO-11 Project Management and Finance: Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi disciplinary environments

PO-12 Life-Long Learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning the broadest context of technological change.

Project Demonstration and Lecture (Industry Visit) at CDAC

Smart India Hackathon 2019

Debate Competition
Topic: Is face-to-face interaction with professors more effective than online sessions and lectures?
3rd Position Won Jointly by First Year and Fourth Year Group of CSE

DSCSITSC was appreciated for the initiative taken for MHRD NPTEL SWAYAM MOOCs courses on 27th July'2019 at NIICO park Kolkata.

PROGRAMME EDUCATIONAL OBJECTIVES

PEO-1 Graduates will work efficiently as computer science engineers revealing ethical knowledge and leadership qualities in multi-disciplinary areas.

PEO-2 Graduates will accustom with varying technologies, tools and societal requirements.

PEO-3 Graduates will design and develop solutions that meet individual and industry needs.

PEO-4 Graduates will be motivated for life-long learning to adapt the innovation and changes through research and development.

PROGRAM SPECIFIC OUTCOMES

PSO-1 Professional Skills

The ability to understand, analyzes, design, implement and conduct research in the domain of Computer Science & Engineering.

PSO-2 Problem Solving Skills

The Ability to apply computational technique and methodologies to solve problems using suitable mathematical analysis, data structure and suitable algorithm.

PSO-3 Ethics and Career Development

Inculcate skills required for a successful career in the industry, academic as well as research and development based on principles of software project management, teamwork and ethical practices and also nurture the quest for higher levels of knowledge.

Activities held in the Department

❖ DSCSITSC has organize a Webinar on Theme: "Microsoft Summer Internship Program" along with Microsoft Certification by Industry Expert Mr. Sandeep Jethanni (Founder Knowledge Solutions India, Microsoft AEP) on Friday, 10th April, 2020 from 1:00 PM onwards for 3rd year & 4th Year students. The students were keen on each and every topic and were frequent at asking questions regarding the process of enrollment and certification.

❖ The Department of Computer Science & Engineering organized a Seminar on "Some Aspects of Bioinformatics and System Biology" on 1st February, 2019. Around 40 students of Third year CSE and ECE attended the seminar. The seminar topic was delivered by Prof. GoutamSaha, Dean, School of Technology, NEHU, Shilong, which was very interesting and informative. He highlighted the computer methods to analyse biological data. In contrast to the past focus on single genes or proteins, systems biology is a field of research which focuses on understanding entire biological systems—such as protein complexes, metabolic pathways, or gene regulatory networks.

❖ On 31st August, 2019, Department of CSE organized an Workshop on "Cloud Computing with Amazon AWS" which was attended by around 45 students of 3rd year & 2nd year CSE students. The speaker Mr. Shouvik Sarkar from Ardent Computech Pvt. Ltd. given an overview of explained the concept of Cloud Computing using Amazon Web Services (AWS) which is a comprehensive, evolving Cloud Computing platform provided by Amazon.

❖ The Department of Computer Science & Engineering released the 10th issue of the Departmental Wall Magazine on 6th November, 2019. The Departmental Wall Magazine "AVNI" provides a unique opportunity for the students/faculties to express their gathered knowledge and thoughts on different emerging areas of Computer Science & Engineering.

Release of the 10th issue of the Departmental Wall Magazine "AVNI"

Student Coordinator for Mini Hackathon of Manthan 2019

A technical workshop "Cloud Computing With Amazon AWS" was organized with Ardent Computech PVT LTD

Parent teacher meeting held in computer science department

❖ Students enthusiastically participated in Mini-Hackathon and Code-Mania on 4th and 5th April, 2019.

❖ TECH~BUZZ from DSCSDEC was selected for Bengalathon'20 grand finale to be held on 10th Nov,19 for topic "Elderly Care".

❖ In order to encourage and recognize student talent on coding, Dept. of CSE organized a online Coding Contest on Tuesday 18th April, 2020 Students from almost all the years of ECE, CSE have participated in the online coding contest .

Industrial Visits

➢ The Computer Science & Engineering Department organised an industrial visit for the third year students to Ardent Computech Pvt. Ltd. at SDF Building, Salt Lake on 29th March 2019.The visit was conducted in two batches. The students also visited Bluesoft Pvt. Ltd which has collaboration with Ardent Computech. An interactive lecture and demonstration of current projects were arranged by software experts from industry in Block Chain and Ethical Hacking. The students got current real life project exposure from Software Developers of Industries which greatly benefited them.

- On Thursday, 18th of April, 2019, 2nd year students of the Department of Computer Science and Engineering went to Center for Development of Advanced Computing (CDAC), Salt Lake, Sector V, Kolkata for an industrial visit. At the very beginning the students were given an extremely informative presentation on Cyber Security, one of the topics of growing concern for the contemporary society.
- · On 23rd of February, 2020 3nd year students of the Department of Computer Science and Engineering went to Bharati Airtel , Rajarhat, ,for an industrial visit

Android workshop in computer Lab 3

Seminar on "Some Aspects of Bioinformatics and System Biology"