



**SANDIP**  
UNIVERSITY  
(UGC Recognised)

# SCHOOL OF COMPUTER SCIENCE & ENGINEERING

[www.sandipuniversity.edu.in](http://www.sandipuniversity.edu.in)

Toll Free:1800-212-2714





**EXCELLENCE  
AT PAR**

**EDUCATION  
AT ITS BEST**

A composite image featuring a young woman with long brown hair and glasses, wearing a black jacket over a red top and blue jeans, holding several books. She is positioned in front of a modern, multi-story building with large windows. The background is slightly blurred. The overall composition is a promotional graphic with overlaid text.



## OVERVIEW



Computer science engineering (CSE) focuses on both computer science and computer engineering. It covers digital aspects of electronics engineering, with added courses like computer architecture, processor design, and parallel computing. Since courses are focused more on hardware-software integration, students understand the expertise of design, implementation, and management of information system at both hardware and software levels.

Computer science engineering scope encompasses specialisations in areas like algorithms, artificial intelligence, cryptography, security, graphics, visualisation, numerical, and symbolic computing, operating systems, distributed processing, software engineering.

Computer science engineering subjects emphasises on electrical engineering (e.g. digital and analogue circuits, integrated circuit design, and control systems), hardware and electronics, and allows students a lot of freedom to specialise in any chosen domain.

One of the Top Computer Science Engineering Colleges in India, Department of Computer Science and Engineering at Sandip University brings innovative pedagogy with a course structure balanced between theoretical knowledge and its real-life application with ample practical subjects inculcated into the syllabus.

As the top computer science and engineering schools in Nashik and Bihar, Sandip University offers students with a world-class campus and infrastructure, housing well-equipped laboratories, a modern library, and ultra-futuristic classrooms. Students are trained by highly qualified and accomplished faculty members qualified from IITs and NITs across India.

# WHY US?





# HIGHLIGHTS



- Prepare students as responsible professionals with high ethical values, effective teamwork and ability to apply the gained knowledge with global perspective in national and social platform.
- Inculcate sound foundation in mathematical, scientific and engineering fundamentals with analysing and problem-solving skills to prepare them to succeed in profession, employment or to pursue postgraduate and research education.
- Provide students with World-class academic environment and curriculum to foster excellence, transparency, awareness and Life-long learning.

# PROGRAMMES OFFERED

## UG COURSES

- B.Tech (Computer Science Engg.)
- B.Tech (Cyber Security & Forensic)
- B.Tech (Cloud Technology & Information Security - ESDS)
- B.Tech (Business Analytics & Optimisation - IBM)
- B.Tech (Mobile Computing - IBM)
- B.Tech (Internet of Things - IBM)
- B.Tech (DevOps - Xebia)
- B.Tech (Artificial Intelligence & Machine Learning - Xebia)
- B.Tech (Data Science & Artificial Intelligence - CDAC)
- B.Sc Computer Science
- BCA
- BCA (Cloud Technology & Information Security - ESDS)
- B.F.A. Animation & VFX

## PG COURSES

- M.Tech (Advanced Computing & Data Science-CDAC)
- M.Tech (Cloud Technology and Information Security-ESDS)
- MCA
- PG Diploma in Advanced Cloud Computing-ESDS

## LATERAL ENTRY 2nd Year

- B.Tech (Computer Science Engg.)
- B.Tech (Cyber Security & Forensic)
- B.Tech (Cloud Technology & Information Security - ESDS)
- B.Tech (Business Analytics & Optimisation - IBM)
- B.Tech (Mobile Computing - IBM)
- B.Tech (Internet of Things - IBM)
- B.Tech (DevOps - Xebia)
- B.Tech (Artificial Intelligence & Machine Learning - Xebia)
- B.Tech (Data Science & Artificial Intelligence - CDAC)
- MCA



# ELIGIBILITY CRITERIA

## B.Tech. - First Year - 4 Years

Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (atleast 40% marks, in case of Backward class categories and Persons with Disability candidates) in the above subjects taken together. **OR** Passed Diploma in Engineering and Technology and obtained at least 50% marks (at least 45% marks, in case of Backward class categories and Persons with Disability candidates) **OR** Passed B.Sc. Degree from a Recognised University as defined by UGC and obtained at least 50% marks (at least 45% marks, in case of Backward class categories and Persons with Disability candidates.)

Obtained score in SU JEE / MH-CET/ JEE Main conducted by the Competent Authority

## B.Tech. - Direct Second Year - Lateral Entry - 3 Years

- a. Passed Diploma examination with at least 45% marks (40% in case of candidates belonging to reserved category) in appropriate branch of Engineering and Technology.
- b. Passed B.Sc. Degree from a recognised University as defined by UGC, with at least 45% marks (40% in case of candidates belonging to reserved category) and passed 10+2 examination with Mathematics as a subject.
- c. Provided that the students belonging to B.Sc. Stream, shall clear the subjects Engineering Graphics/Engineering Drawing and Engineering Mechanics of the First Year Engineering Programme along with the Second year subjects.
- d. Provided that the students belonging to B.Sc. Stream shall be considered only after filling the supernumerary seats in this category with students belonging to the Diploma stream.



# ELIGIBILITY CRITERIA

M.Tech. - 2 Years

B.E./B.Tech from UGC approved universities in the appropriate discipline or equivalent with minimum 50% marks or any of international universities of repute and obtained score in Graduates Aptitude Test in Engineering (GATE)/SU-JEE.

For sponsored candidates, minimum of two years of full time work experience in a Registered Firm/ Company/Industry/Educational and/or Research Institute/any Government Department or Government Autonomous Organisation in the relevant field in which admission is being sought is necessary.

CREATE A FORTUNE

ON THE PILLARS OF  
**KNOWLEDGE**



# CAREER PROSPECTS

**Employment with various government and private sector jobs in multiple roles like Software Developer, Hardware Engineer, System Designer, System Analyst, Network Engineers, Database Administrator.**

**Pursuing higher studies in industry-specific technical skills IT Companies in IT hubs like 'Silicon Valley' have a constant demand of CSE experts.**

**CSE along with Management Degree can give a solid take off towards high valued entrepreneurship.**





***For more information, please write to us on - [enquiry@sandipuniversity.edu.in](mailto:enquiry@sandipuniversity.edu.in)  
or call us at 1800-212-2714 and visit our website - [www.sandipuniversity.edu.in](http://www.sandipuniversity.edu.in)***

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**Nashik** : Mahiravani, Trimbak Road, Nashik - 422 213.

**Sijoul** : Neelam Vidyavihar, Sijoul, Po. - Mailam, Madhubani, Bihar - 847 235.

**Corporate Office** : J.N. Road, Mulund (W) - 400 080.