# INSTITUTE OF TECHNOLOGY, NIRMA UNIVERSITY
## Computer Science & Engineering Department
# M.Tech Admission 2025

**NIRMA UNIVERSITY**
**INSTITUTE OF TECHNOLOGY**
**NAAC ACCREDITED 'A+' GRADE**

## ABOUT THE DEPARTMENT

Department of Computer Science and Engineering was established in 1997 and since then is the most sought-after department of institute. The Department is known for its strength in all the major areas of computer science. The Combination of Qualified and committee faculty, as a strong peer group, core and interdisciplinary research, collaboration with leading industries and research organizations, offers students of this department an enriching learning experience. The department is accredited by NBA.

## ABOUT THE M.TECH. PROGRAM

### M.TECH IN COMPUTER SCIENCE & ENGINEERING

M.Tech CSE program has been designed to prepare individuals for industry, research & academic organization the field of computer science.

### M.TECH IN COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)

The objective of this program is to prepare graduates capable of handling data and using them for AI application and meaningful inferences.

### M.TECH IN COMPUTER SCIENCE & ENGINEERING (CYBER SECURITY)

This program aims at preparing individuals for the field of network, information, data and cyber security. The graduates will be able to identify vulnerability and mitigate them.

## MAJOR COURSES

- Data Structures and Algorithms
- Machine Learning
- System Design
- Embedded Systems
- Advanced Computer Networks

- Machine Learning
- Deep Learning
- Big Data Systems
- Data-Science System Design
- Statistics for Data Science

- Network Protocols and Security
- Cryptography Essentials
- System Administration
- Blockchain Technology
- Ethical Hacking and Penetration Testing

In addition to these courses, students have the option to choose from a wide range of electives.

## SALIENT FEATHERS

- Stipend paid to students
- One-year internship opportunity with an attractive stipend offered by industries
- Good Internship to job conversion rate with excellent placement opportunities
- Center of Excellence in Data Science in collaboration with the State University of New York, Binghamton, USA
- Center for Cyber Security
- Active MoU with industries and foreign universities
- Expert lectures by national & internationally renowned expert, professionals and academicians
- Good exposure to research and consultancy work carried out by faculty members

## INTERNSHIP & PLACEMENT

M.Tech Programs offers one year internship with attractive stipend (with chance to convert in regular appointment) in prominent companies like:

ANALOG DEVICES, ArmorCode, Continental, Deloitte, Infineon, tcs, infocusp Innovations, infochips, PlayPower, Vantiva, Solute Labs, SHIPTURTLE, NXP, NVIDIA, ARM, AMD, Qualcomm, intel, L&T Technology Services

## WHO CAN JOIN?

- B.E./B.Tech in Computer Engineering/ Technology or Computer Science & Engineering or Information Technology Engineering or Information and Communication Technology or equivalent qualification

## IMPORTANT DATES

- Online application process begins: **7th April 2025**
- Online application process ends: **16th June 2025**

## CONTACT DETAILS

For any program-specific details, contact on **pg.cse.it@nirmauni.ac.in**

## APPLICATION PROCESS

**For further details like important dates, eligibility criteria, and application process visit https://technology.nirmauni.ac.in/admission-aid/post-graduate/mtech/**

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