

The goal of CSE programs at IIT Bangalore is to develop professionals of high quality to cater to the needs of industry and academia. Such education is based on a broad grasp of the fundamental principles of the sciences and scientific methods, a deep understanding of specific area of specialization, an ability to solve new problems, and a capacity to learn continually and interact with multidisciplinary groups. Program include courses of study, seminars, project work, internships, and research leading to a thesis.

PROGRAM TIMELINE

Program	Duration	# of Students	Internship Period	Available for FTE
M.Tech (CSE)	2 years	158	6 months (mid Dec - mid June)	From July
iM.Tech (CSE)	5 years	43	6 months (mid Dec - mid June)	Fron July

SPECIALIZATIONS

Theory and Systems for Computing and Data

ELECTIVE COURSES

- Privacy-Preserving Machine Learning
- Approximation Algorithms
- Data Visualization
- Computing on Private Data
- Data Modelling
- Cryptographic Engineering
- Algorithmic Thinking

Artificial Intelligence and Machine Learning

ELECTIVE COURSES

- Automatic Speech Recognition
- Natural Language Processing
- Visual recognition
- Neural Networks and Reinforcement Learning
- Artificial General Intelligence

Networking and Communication

ELECTIVE COURSES

- Wireless Access Networks
- Network Security
- Advanced Cyber Security
- Internet of Things
- Advanced Computer Networks
- Mathematical Analysis of Networks

PLACEMENT STATISTICS

FULL TIME CTC

(INR in Lakhs per annum)

MTech

Highest - 45.6
Average - 21

iMTech

Highest - 45.6
Average - 25

INTERNSHIP STIPEND

(INR in Thousands per month)

MTech

Highest - 90
Average - 54.1

iMTech

Highest - 100
Average - 62.3

RESEARCH

- The students are exposed to industry standard research with hands on experience on projects in various research labs like the
 - [Multimodal Perception Lab](#)
 - [Web Sciences Lab](#)
 - [Graphics-Visualization Computing Lab](#)
 - [Software Engineering Lab](#)
- Our students have worked on some groundbreaking research problems along with our Faculty in diversified fields and have showcased their work in renowned conferences and published their work in Journals. Take a look at the work [here](#)
- Besides research many of our have taken part in global level hackathons and competitions and have won many honours.

[Faculty](#)

[Projects](#)

[Recruiter Guidelines](#)

[Programme Outcomes](#)