The department, established in 1982, has been ranked at the top in India (QS ranking 2018-19). It contains students from BTech, MTech and PhD with a commitment to pursuing research and career in the application of computer science for making a better future. They are groomed under apt academic rigor which enables them to acquire skills to form efficient solutions for the problems of industry and academics.
Courses Offered

- Introduction to Computer Science
- Resource Management in Computer Systems
- Data Structures
- Advanced Data Structures and Algorithms
- Computer Architecture
- Architecture of High Performance Computers
- Programming Languages
- Operating Systems
- Compiler Design
- Computer Optimization
- Computer Networks
- Introduction to Database Management Systems
- Synthesis of Digital Systems
- Digital Logic and System Design
- Design Practices in Computer Science
- MTech Software Systems Laboratory
- Discrete Mathematical Structures
- Intro to Automata & Theory of Computation
- Intro to Parallel & Distributed Programming
- Logic for Computer Science
- Principles Of Artificial intelligence
- Fundamentals of Machine Learning
- Natural Language Processing
- Advanced Computer Vision
- Reinforcement Learning
- Deep Learning
- Numerical Algorithms
- Intro to Logic & Functional Programming
- Advanced Functional Brain Imaging
- Discrete Mathematical Structures
- Wireless Networks
- Network & System Security
- Cryptography
- Automatic Verification
- Computer Graphics
- Digital Image Analysis
- Data Mining
- Blockchain Technology
- Advanced Topics in Embedded Computing
- Intro to Compressed Sensing
- Software Engineering
Lab Facilities

- Architecture Lab
- Assistive Technology lab
- Centre for Excellence in Tactile Graphics Lab
- Cloud Computing Lab
- Cyber Security Lab
- Data Analytics and Intelligence Research Lab
- Database Lab
- Digital Hardware Design (DHD) Lab
- Networks Lab
- Graphics and Vision Lab
- Indo German Max-Planck Centre for CSE Lab
- Information and Communication Technology for Development (ICTD) Lab
- Medical Application of IT Lab
- Kripalani Mobile and M to M Advanced Technologies Lab
- Verification Lab
- Virtual Reality Lab
- VLSI Design and Tools Lab
- Algorithms and Complexity Theory
- Architecture and Embedded Systems
- Artificial Intelligence and Machine learning
- Computer Networks and Distributed Systems
- Cyber Security
- Databases and Data Analytics
- Graphics and Vision
- Information and Communication Technologies for Development
- Neuroinformatics and Medical Informatics
- Operating Systems, High Performance Computing and Software Systems
- Programming Languages, Semantics and Verification