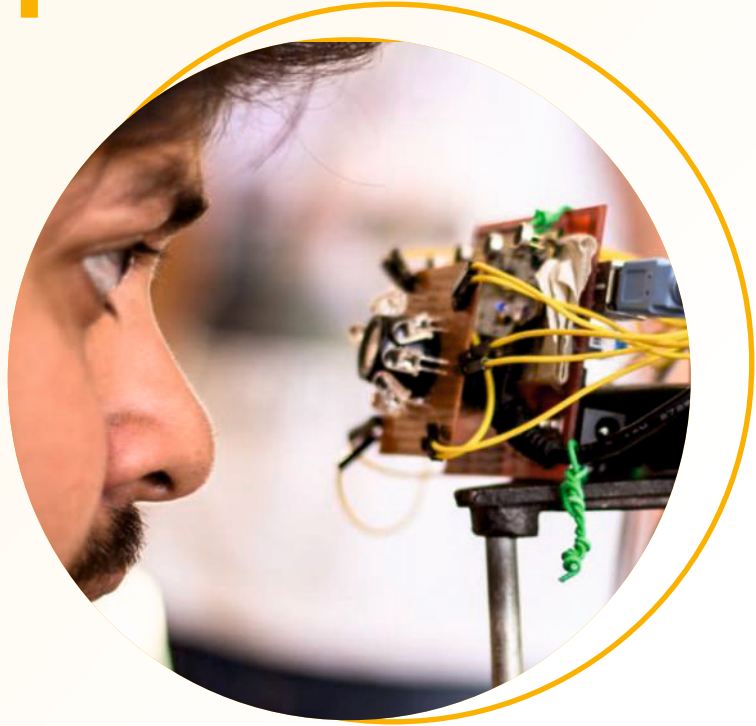




MANIPAL UNIVERSITY
JAIPUR

Admission **Open**

2025-26



M. Tech. **Computer Science and Engineering**





About the Program

The Department of Computer Science and Engineering under the School of Computer Science and Engineering, Manipal University Jaipur, offers a two-year **M. Tech. in Computer Science and Engineering program**. Designed for aspiring professionals, this program equips students with the technical skills and expertise needed to implement and deploy solutions for real-world applications.

The program focuses on enabling students to design and develop intelligent systems capable of learning and adapting to dynamic environments. It fosters research in computer science, encouraging students to undertake innovative projects that contribute to advancements in the field.

With a **Choice Based Credit System (CBCS)** and opportunities for credit exchange with reputed foreign universities, students benefit from flexibility and global exposure. The program offers a unique learning environment under the mentorship of experienced faculty, with access to industry-relevant electives and regular interactions with industry experts. This holistic approach ensures that students are prepared for both academic and professional excellence in the Computer Science and Engineering domain.

Career Opportunities

Artificial Intelligence and Machine Learning	Data Science and Big Data Analytics
Cybersecurity and Information Assurance	Software Development and Engineering
Internet of Things (IoT) and Embedded Systems	Cloud Computing and Distributed Systems
Computer Vision and Image Processing	Robotics and Automation
Research and Development (R&D) in Technology	

Key Highlights of the Program:

- Opportunity of pursuing internship from international University*
- Opportunity to take direct Admission to PhD Program*
- Contemporary & Future Oriented Curricula
- Faculty with Extensive Industry Exposure
- High- End Research Facility
- Industry Based Internship & Projects
- Strong Industry Connect with IT Companies e.g. (Intel, IBM, Oracle, Cisco, EC - Council, VM Ware, Microsoft, Dell & Secure Meters)
- Excellent & Growing Collaboration with Foreign Universities.



Key Research Areas

- Artificial Intelligence and Machine Learning
- Data Science and Big Data Analytics
- Cybersecurity and Privacy
- Internet of Things (IoT)
- Cloud Computing and Virtualization
- Human-Computer Interaction (HCI)
- High-Performance Computing (HPC)
- Computer Vision and Image Processing
- Blockchain and Decentralized Applications
- Software Engineering and DevOps
- Natural Language Processing (NLP)
- Quantum Computing
- Robotics and Autonomous Systems
- Embedded Systems and Real-Time Computing
- Digital Twin Technology and Simulation

Industry Collaborations

- Cisco Academy
- EC Council Global Certification
- Oracle Academy
- VM Ware IT Academy
- Microsoft Imagine Academy
- Dell Technologies
- Secure Meters
- IBM Academy

MoUs From Academia

- The University of Newcastle, Australia
- Iowa State University of Science & Technology, USA
- Prince Sultan University Riyadh, Saudi Arabia
- The Southern Federal University
- Deakin University Victoria, Australia
- University of Florida, USA
- Florida International University
- Polytechnic Institute of Leiria, Portugal
- University of Ostrava Czech Republic
- Technical University of Varna, Bulgaria

International Collaborations

- St. Cloud State University Minnesota, USA
- IOWA State University of Science & Technology, USA
- King Mongkut's University of Technology, Thailand
- Deakin University Victoria, Australia
- AL Farabi Kazakh National University, Kazakhstan
- Tomsk State University Russia

Scholarships


For pursuing MTech Program, Manipal University Jaipur's offers a monthly stipend of **Rs. 5,000/- to 10,000/-** for meritorious students and a monthly scholarship of Rs. 15,000/- for GATE-qualified students.



Eligibility

B. Tech/B.E. in CSE, IT, AIML, ECE, EEE or MCA, Msc. (CS/IT) or equivalent branch of Engineering with minimum 60% marks in aggregate.

Potential Recruiters

 Microsoft	 Wipro Elite	 Birlasoft
 Amazon	 Ericsson	 Wipro Elite
 Accenture	 Dell	 MindTree
 Capgemini and many more...		

Unique Research and Lab Facilities

- ▶ Research Facilities with high power deep learning workstations with GPU RTX2020 configurations.
- ▶ Artificial Intelligence lab with GPU Nvidia Quadro P2200.
- ▶ High Performance Computing lab equipped with PARAM SHAVAK (India's first compact supercomputer)
- ▶ Advanced Computing Lab with GPUs platform in association with NVIDIA
- ▶ Data Analytics lab on Python platform in association with EMC2
- ▶ Internet of Things Lab with Edge devices Raspberry Pi and Arduino, Jetson Nano kit. IoT lab supported by Texas Instruments, ARM, and Intel
- ▶ Research Cluster of Artificial Intelligence and Machine
- ▶ Learning for taking Innovative Projects.
- ▶ Wireless Communication lab equipped with Qualnet, WARP boards and modern sensors.
- ▶ Professional tools such as Nessus and Burpsuite Professional for performing live practical on Penetration testing.

Specialization Tracks

- Artificial Intelligence and Machine Learning
- Data Science and Analytics
- Cybersecurity and Blockchain
- Cloud Computing and IoT



📍 Dehmi Kalan, Jaipur-Ajmer Expressway, Jaipur, Rajasthan - 303007

✉ admissions@jaipur.manipal.edu | Follow us on:       

🌐 jaipur.manipal.edu ☎ **1800 1020 128**