International Institute of Information Technology Bangalore

iit-b
ज्ञानमुक्तमम् ®

2026 & 2027 Graduates
Computer Science Engineering (CSE)

Program Details (MTech/iMTech)

IIIT-B, established in 1999, offers a range of programs including Integrated M.Tech, M.Tech, and Ph.D. in Computer Science and Electronics. The CSE programs at IIIT-Bangalore aim to produce highly skilled professionals equipped to meet the demands of both industry and academia. The curriculum emphasizes a strong foundation in the principles of science and scientific methodologies and includes coursework, seminars, project work, internships, and research culminating in a thesis.

The institute boasts state-of-the-art infrastructure with modern classrooms, laboratories, and research facilities. IIIT-B actively collaborates with industries and research organizations to drive technological innovation. These partnerships provide students with valuable real-world exposure through internships and collaborative opportunities.

IIIT-B is dedicated to advancing research and education across diverse areas, such as Artificial Intelligence, Machine Learning, Software Engineering, Networking and Communication, Cybersecurity, Robotics, and Systems for Computing and Data.

Learn more about IIIT-BANGALORE 🔗

Specialization & Courses

AI and ML

- Natural Language Processing
- Visual Recognition
- Few Shot Learning
- Reinforcement Learning
- Recommendation Systems
- Multi-agent Systems
- Topics in Quantum Computing

- Spatial Computing
- 3D Computer Vision
- Geographic Information Systems
- Artificial General Intelligence
- Self-supervised Learning
- Bayesian Methods and Learning
- Spatio-Temporal Data Analytics

Theory and Systems for Computing and Data

Theory

- Reinforcement Learning
- Basic Computational Topology
- A Computational Introduction to Number Theory
- Approximation Algorithms
- Topics in Computability and Learning
- Foundations of Distributed Consensus and Blockchain
- Concrete Mathematics
- Programming Languages
- Graph Theory
- Secure Computation

Systems

- Cryptographic Engineering
- Computer Graphics
- Software Testing
- Data Modelling
- NoSQL Systems
- Software Production Engineering
- Data Visualization
- Software Architechture and Design Principles
- High Performance Computing

Networking and Communication

- Wireless Access Network
- Network Security

- Internet of Things
- Computer Networks (Basic and Advanced)
- Mathematical Analysis of Networks

Cyber Security

- Foundations of Cryptography
- Cyber Security (Basics and Advanced)
- Cryptographic Engineering
- Computing on Private Data

Research & Labs

E-Healthcare Research Center (EHRC) 🔗

- Brain Health Initiative (BHI)
- Mental Health Assistance Tele Mental Health Assistance and Networking Across States (Tele-MANAS)
- Karnataka Mental Health Management System (E-MANAS)
- Clinical Decision Support Solution (CDSS)
- Practice of Use Self Help for Depression (PUSH-D)
- Cranial Neuro-Navigation for Robotic Surgery

Graphic Visualization Computing Lab 🔗

- LIDAR point cloud analytics and visualization
- Human brain functional connectivity community detection
- Population survey data visual and statistical analytics
- Chart data extraction and visual analytics
- Automated data extraction and text summarization of charts from images
- Natural hazard risk assessment and data analysis

Multimodal Perception Lab 🔗

- Facial Gesture and Behaviour Analysis with Generative AI
- Multimodal Assessment towards Healthcare Domain
- Multimodal Embodied Conversational Agents
- Multimodal LLMs

Web Science Lab 🔗

- Big Data Analytics for Policy Support.
- Large scale retrieval models for multi-sensor data search
- Characterizes the problem of consent management in data trusts and proposes
- Creating a mechanism to locate a learner in the learning space

Few Shot Learning Lab

- Few Shot Segmentation
- Generalized Few shot Segmentation
- Self Supervision Learning for Image Segmentation
- Visual Question Answering with Scene-Text
- Learning Visual Grounding in 3D Scenes
- Enhancing visual odometry with panoptic segmentation

Scalable Data Science (ScaDS) Lab 🔗

- Streaming data Processing
- Data Anonymisation
- Explainable AI Systems using KG embeddings

Machine Intelligence and Robotics Center

- Humanizing Automation : AI Based Governance.
- Multimodal Language Translation and Speech Technology.
- Autism Detection with Visual Analytics.
- Real time traffic analysis for efficient traffic management

Modular Open Source Identity Platform

- Migration of Open Source Microservices
- Selective disclosure of JSON Web Token (JWT)

Software Engineering and Analysis Lab 🔗

- Formal verification and testing of various applications.
- Automated application processing.

Publications

- ICONIP: International Conference on Neural Information Processing
- SIGIR: International ACM SIGIR Conference on Research and Development in Information Retrieval
- EMNLP: Conference on Empirical Methods in Natural Language Processing
- AAMAS: International Joint Conference on Autonomous Agents and Multiagents Systems
- IJCAI: International Joint Conference on Artificial Intelligence
- ICRA: International Conference on Robotics and Automation
- ICASSP: International Conference on Acoustics Speech and Signal Processing
- ICPR: International Conference on Pattern Recognition
- ICTAI: IEEE International Conference on Tools with Artificial Intelligence
- WACV: IEEE Workshop on Applications of Computer Vision
- ICDAR: International Conference on Document Analysis and Recognition
- PLOS ONE 18
- Journal of Simulation
- Physica A: Statistical Mechanics and its Applications
- International Journal of Human-Computer Studies

Compensation Details

| | Full-Time (CTC) (in Lakhs per annum) | | Internship Stipend (Thousands/month) | |
	MTech	iMTech	MTech	iMTech
Highest	65	145	115	250
Average	23.63	33.32	57	73.4
Median	19.54	30	50	60

*Includes Off-Campus Offers

Internship Period for Graduating Batches

2026 Graduates	2027 Graduates	
6 months 15 Dec 2025 to 15 June 2026	Summer (2 months) 15 May 2026 to 15 July 2026	11 months 1st August 2026 to 15 June 2027

Note: Available for FTE from July 2026

*The class of 2026 boasts strong achievements in **competitive programming**, with **ICPC Asia-West finalists, regionalists, and top ranks** in **Meta HackerCup** and **Google KickStart**. We have **Master, Candidate Master, and Expert-rated coders** on Codeforces, along with **6-star and 5-star coders** on CodeChef. Our students have secured **research internships** at prestigious institutes like the **University of Toronto, University of Alberta, and University of Heidelberg**, with **11 publications at top conferences** such as **ACM CODS COMAD** and **IEEE BigComp**. We also have **winners and finalists in** hackathons like **HackOn with Amazon, Flipkart Grid 5.0, and Smart India Hackathon**, along with **3 patent holders**.*
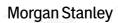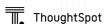
Top Recruiters

Higher Education and Research Universities