

2026 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.

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Specialization & Courses

AI and ML

- Natural Language Processing
- Visual Recognition
- Few Shot Learning
- Reinforcement Learning
- Recommendation Systems
- Multi-agent Systems

- 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 Architecture 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	89.12	115	250
Average	23.86	32.1	57	73.4
Median	20	29.39	50	60

*Includes Off-Campus Offers

Internship Period		
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

Write to IIIT-B Placement Office: placement.committee@iiitb.org | iiitb_placement@iiitb.ac.in

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