

# Research Scholars

2027 & 2028 Graduates

## Program Details (MS (Research) / PhD)

Greetings from the Placement Committee at IIIT-Bangalore!

We are excited to invite organizations to participate in the campus recruitment process for the Master of Science by Research (MS By Research) and Doctor of Philosophy (PhD) at the International Institute of Information Technology, Bangalore. Research scholars go through a transformative journey, working closely with expert faculty on important projects that solve real-world problems. With hands-on experience in state-of-the-art labs, they gain practical skills and knowledge, making them ready to contribute immediately in professional settings. Our graduates are innovative thinkers who can drive progress and offer valuable solutions. With strong technical expertise and a collaborative approach, they bring fresh ideas to help organizations stay competitive and succeed in today's rapidly changing world.

Learn more about IIIT-BANGALORE ⇨

## Specialization & Courses

### Data Science

- Machine Learning
- Natural Language Processing
- Computer vision
- Deep Learning
- Big Data
- Large Language Models
- Reinforcement Learning
- Conversational Agents
- Multimodal learning
- Digital Public Infrastructure
- Recommendation Systems

### Computer Science

- Software engineering
- Algorithms
- Model-Based Development
- Cryptography
- Software Architecture
- Software Testing

### Electronics and Communication

- VLSI
- Networking
- Embedded Systems
- Digital Communications
- Signal Processing
- FPGA system design
- IoT systems
- Mobile Computing
- Wireless Communication

### Mathematics and Physics

- Nonlinear Dynamics
- Soft Matter Physics
- Physics at Small Scales
- Advanced Mathematical Physics
- Fluid Dynamics
- Statistical Physics
- Stochastic Processes
- Magento Hydrodynamics
- High Performance Computing and Modelling
- Electrodynamics
- Quantum Mechanics
- Classical Mechanics
- Quantum Computation

### Research & Labs

The students are exposed to industry standard research with hands on experience on projects in various research labs as follows

## Software Engineering and Analysis

### Lab



- Formal verification and testing of autonomous applications
- Automated application processing

### 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

### 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

### 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

### Hardware & Wireless Labs

- [Intelligent Hardware and System Lab](#)
- [Connected Devices and Wearables Lab](#)
- [High Density Electronic Systems Lab](#)
- CEEMS Lab
- IIIT-B Comet Foundation
- Advanced Wireless Communications Lab

### Mathematics & Physics Labs

- [Complex Systems and Soft Matter Physics Lab \(CSSMP\)](#)
- Thin Film Flow Modeling and Instabilities Lab (TFFMIL)
- Computational Fluid Dynamics 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 students have taken part in global level hackathons and competitions and have won many honours.

### Publications

- ICRA: IEEE International Conference on Robotics and Automation
- ISCAS: IEEE International Symposium on Circuits and Systems
- DAC: Design Automation Conference
- ICPR: International Conference on Pattern Recognition
- EMNLP: Conference on Empirical Methods in Natural Language Processing
- AAMAS: International Joint Conference on Autonomous Agents and Multiagents Systems
- AAIL: Conference on Artificial Intelligence
- 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
- IJCAI: International Joint Conference on Artificial Intelligence
- ICASSP: International Conference on Acoustics Speech and Signal Processing
- ISQED: International Symposium on Quality Electronic Design
- ICCD: IEEE International Conference on Computer Design
- ASP-DAC: Asia and South Pacific Design Automation Conference
- WCNC: IEEE Wireless Communications and Networking Conference
- VLSID: International Conference on VLSI Design
- COMSNETS: International Conference on COMMunication Systems & NETWORKS
- 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
- IEEE Internet of Things Journal
- IEEE Journal on Selected Areas in Communications
- FCCM: IEEE Symposium on Field-Programmable Custom Computing Machines
- FPT: International Conference on Field-Programmable Technology

### Compensation Details (as of May 2026)

Research Scholars, i.e. MS/PhD students sit for the same on-campus placement opportunities as MTech students, once they are granted permission by their respective Professors.

	Full-Time (CTC) (in Lakhs per annum)	Internship Stipend (Thousands/month)
<b>Highest</b>	<b>39.71</b>	<b>75</b>
<b>Average</b>	<b>23.85</b>	<b>50.30</b>

\*Includes Off-Campus Offers

### Internship Period for Graduating Batches

2027 Graduates	2028 Graduates	
<b>6 months*</b> 15 Dec 2026 to 15 June 2027	<b>Summer (2 months)</b> 15 May 2027 to 15 July 2027	<b>11 months</b> 1st August 2027 to 15 June 2028

Note: \*Available for FTE from July 2027

### Past Recruiters



### Industry / Academia Collaborations



### Recent Publications



### Higher Education and Research Universities



Write to IIIT-B Placement Office: [iiitb\\_placement@iiitb.ac.in](mailto:iiitb_placement@iiitb.ac.in) | [placement.committee@iiitb.org](mailto:placement.committee@iiitb.org)