

Beta Tech Wiz

Manipal
Institute of
Technology
(MIT B'LRU)



EXPLORE TECHNOLOGY

MIT Bengaluru focuses on shaping future innovators and problem-solvers, equipping students with technical expertise and real-world skills to excel in engineering and drive innovation.

#YouBelongHere



MANIPAL
ACADEMY of HIGHER EDUCATION
BENGALURU CAMPUS
(Institution of Eminence Deemed to be University)

INSTITUTION OF
EMINENCE



nirf #4



ENGINEER THE FUTURE

Manipal Institute of Technology (MIT) Bengaluru, a premier institution under the umbrella of Manipal Academy of Higher Education (MAHE) Bengaluru, is renowned for its commitment to academic excellence, cutting-edge research, and holistic student development. Located in Bengaluru, it offers a dynamic learning environment with modern facilities, expert faculty, and a diverse student community, shaping future leaders and innovators in engineering and technology.

MAHE Bengaluru is an off-campus centre of MAHE, Manipal and, thrives in providing holistic education to students with state-of-the-art infrastructure, well-qualified experienced faculty, and mentors.

MAHE B'LRU

PROGRAMMES AT A GLANCE

MIT offers Under-Graduate, Post-Graduate and Doctoral programmes in the wider domain of Engineering

UG Degree Programs

B.Tech. CSE*
B.Tech. Electronics & Communication Engineering
B.Tech. Electronics & Computer Engineering
B.Tech. Electronics Engineering
(VLSI Design and Technology)
B. Tech. Robotics and Artificial Intelligence

*Note: There will be a provision to choose the following specialisation from 5th semester of CSE :1. Artificial Intelligence & Machine Learning, 2. Cybersecurity 3. Data Science 4. Quantum Computing 5. Gaming & Digital Twinning, and 6. Robotics & Artificial Intelligence. Allotment of specialisation will be based on the academic performance [CGPA].

PG Degree Programs

M. Tech. Computer Science and Engineering
M. Tech. Computer Science and Engineering
(Data Science)
M. Tech. Electronics Engineering
(VLSI Design)

Dual Degree Program

B. Tech. and MBA

Doctoral Programs (PhD)

In all branches of Science & Engineering

Did you know?

- MIT B'LRU focuses on:
- ✚ Cutting-edge industry projects
 - ✚ Integration of theory and practice
 - ✚ Collaborative innovation and teamwork
 - ✚ Strong emphasis on real-world problem-solving



Explore Innovative Learning models

The curriculum is shaped by industry and research needs, with input from stakeholders, and the department maintains strong connections with leading academics and professionals globally.

EMPOWERING FUTURE INNOVATORS

Collaborations with top industries

Industry relevant practical learning

Research and Innovation

Exposure to cutting edge technology

Collaborations with national & international research centres

Theoretical concepts coupled with hands on experience

WHY CHOOSE US

Transform the world through
pioneering innovations in engineering
and technology



A premier engineering institute of excellence and innovation.



Offers cutting-edge courses in traditional and emerging fields like AI and Quantum Computing.



Equipped with modern labs and research centres for hands-on learning.



Partners with top global universities for student exchanges and joint research.



Promotes interdisciplinary research and entrepreneurship to tackle real-world challenges.



Located in Bengaluru, offering direct access to top IT companies

ASSESSMENT AND EXAMINATION



An Outcome - Based Education approach

MIT adopts a Continuous Assessment and Grading Pattern (CAGP) where student learning is evaluated throughout the semester. Formative Assessments comprises of internal examinations, and Summative Assessments are end-of-semester examinations across all courses.

Formative Assessments (50%)

Internal assessments happen regularly throughout the semester and focus on understanding and application of knowledge. They can take various forms like quizzes, debates, class activities, projects, presentations, etc. These assessments provide ongoing opportunities and feedback for learning improvement.

Summative Assessments (50%)

End-of-semester exams assess overall mastery of course content and learning outcomes. They can involve essays, term papers, projects, practical exams and end-term exams. The focus is mostly on demonstrating higher-order skills like analysis, synthesis, and evaluation.

DR. IVEN JOSE DIRECTOR, MIT B'LRU

Welcome to MIT Bengaluru, a campus where innovation meets tradition, where knowledge is enriched with curiosity, and where students are nurtured to become future-ready professionals. As a distinguished part of the Manipal Academy of Higher Education, MIT-BLR is proud to foster an environment that encourages inquiry, creativity, and critical thinking.

At MIT-BLR, we are constantly evolving to meet the demands of tomorrow's world. Our recent strides in establishing Centers of Excellence, such as in Autonomous Mobility , Quantum Computing and Digital Twining, along with industry-driven programs in IT/ Cybersecurity and Electronics, enable us to deliver a unique blend of theoretical knowledge and hands-on skills. We believe that this balance is critical for students who aspire to excel in fast-evolving fields.

We take pride in our close-knit campus community, diverse faculty expertise, and strong industry ties, which together offer our students a comprehensive learning experience. Our collaborations with leading organizations ensure that our students gain valuable insights and real-world exposure, positioning them well for successful careers in engineering, technology, and beyond.

I invite you to explore the enriching opportunities at MIT-BLR and look forward to welcoming you to our vibrant community. Together, let us embark on a journey of discovery, innovation, and impact.



STUDENT CLUBS AT MIT B'LRU

Technical Clubs



Astronomy Club

This club aims to develop curiosity and interest in various domains of astronomy such as astrophysics, space missions, data driven astronomy via workshops, guest lectures, launch streams and fun filled events.



Neura AI

Whether it is a seasoned AI practitioner or someone just taking their first steps into this exciting field, our club is here to inspire, educate, and ignite their passion for AI. We believe in the transformative power of AI, and our mission is to empower our members with the skills and insights necessary to harness its potential.



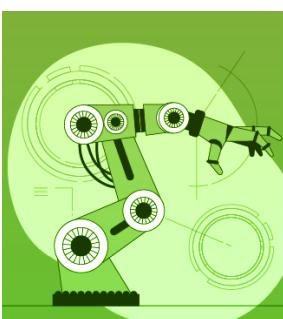
Code X

CodeX, the vibrant coding club at MIT Bengaluru, stands as a dynamic hub where innovation, collaboration, and passion for coding converge. Nestled within the bustling campus, CodeX serves as the heartbeat of technological exploration and programming prowess.



Cyberspace

Cyberspace is dedicated to providing a platform for students to explore and improve their understanding of cybersecurity concepts, tools and practices. Our club aims to foster a community of individuals who are passionate about cybersecurity and want to contribute to the ever-evolving digital landscape.



RADAR

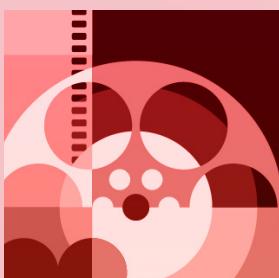
RADAR deals with robotics, automation, data and arduino. The club focus on developing the idea of robotics & automation and their industrial applications in students. We host workshops, industry visits, interactive talks and lot more.

Non-Technical Clubs



64 Squares

The Chess Club at MAHE Bengaluru unites enthusiasts of all skill levels. From the annual MAHE BLR tournaments to creative events, the club offers year-round opportunities for skill-building, connection, and camaraderie, enriching the chess experience for all.



Chalchitra

Chalchitra is a hub for cinephiles and aspiring filmmakers, providing a vibrant space for screenings, workshops, and collaborations. We foster a deep dive into storytelling, cinematography, and narrative expression and creativity.



Potentia

Potentia, MIT's MUN club, helps students understand international relations, diplomacy, and negotiation. We participate in national and international MUN conferences, offering members the chance to network and exchange perspectives on global issues.



DaVinci Art Club

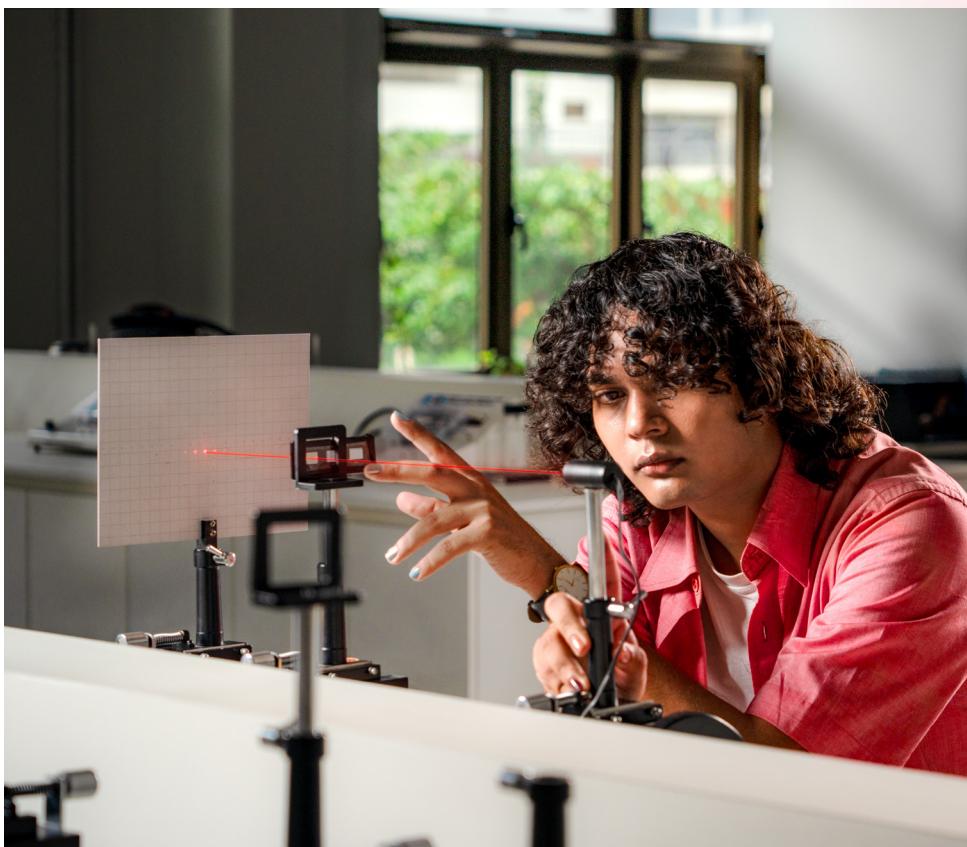
The Student Art Club aims to provide a platform for students, irrespective of their artistic background, to come together and engage in creative expression. Through workshops, exhibitions, and collaborative projects, we intend to foster a vibrant space that encourages artistic experimentation, skill development, the exchange of creative ideas, and most importantly, having FUN doing it!

Community Service Clubs



Volunteer Service Organisation

Volunteer Services Organization (VSO) is a platform that not only helps the needy but also provides each volunteer with an opportunity to gain new skills, work in a team, and most importantly, become a better person. VSO undertakes projects that cover community, social, organizational, and soft skills avenues.



THRIVE IN A NEXT GEN CAMPUS

Infrastructure at MIT B'LRU

The infrastructure at MIT Bangalore is state-of-the-art, featuring modern labs and cutting-edge research centres designed to foster hands-on learning and innovation. The campus is equipped with advanced technology and resources to support academic excellence, providing students with an ideal environment for research, experimentation, and practical experience in various engineering disciplines.

Additionally, the students benefit from active participation in conferences, workshops, and internships, ensuring that they are well-prepared for industry roles and higher studies.

LEAP AHEAD

Why MIT B'LRU

At Manipal Institute of Technology (MIT), our vision is to empower students with the expertise and innovation required to excel in engineering and technology. Through cutting-edge labs and industry-focused projects, we are nurturing future leaders in the field.

- ✚ Industry-driven curriculum
- ✚ Practical, hands-on learning
- ✚ Mentorship from renowned faculty and industry professionals

MAVRO

The MAHE-BLR Autonomous Vehicle Rover (MAVRO), an autonomous vehicle built to lead research and development in autonomous mobility solutions, is a product of our commitment to create an environment that will promote the future of transportation. It stands as testimony to our approach of integrating research, industry collaboration, and hands-on education.

The above initiatives are not just building technologies of tomorrow but creating an effective ecosystem for students, researchers, and industry partners to come together and drive innovation in the real world. With MAVRO at the helm, we are convinced that MIT Bengaluru will continue to be at the forefront of shaping the future of mobility and autonomous systems.





CENTRE OF EXCELLENCE IN AUTONOMOUS VEHICLE TECHNOLOGY

The Centre of Excellence in Autonomous Vehicle Technology marks a milestone in our institution's journey toward innovation in autonomous systems. This lab is not just a space; it's a platform where ideas will take flight and revolutionize the way we think about mobility.

The Centre will focus on key areas such as:

- ✚ Sensorics and autonomous navigation technologies
- ✚ Algorithm development for autonomous systems
- ✚ Addressing cybersecurity challenges in connected mobility

KNOW MORE

The core sensor equipped in lab are :

- ✚ 2D and 3D LiDARs, essential for mapping and navigation, enable vehicles to perceive their surroundings with unmatched precision.
- ✚ Radars, reliable in adverse conditions, enhance safety through collision avoidance and adaptive cruise control.
- ✚ Ultrasonic Sensors facilitate precise obstacle detection in close proximity, making them ideal for applications like parking assistance.
- ✚ Inertial Measurement Units (IMUs) ensure stability and smooth navigation, even in challenging environments with weak GPS signals.
- ✚ Depth-Sensing Cameras bring a rich 3D understanding of the environment, crucial for object detection and decision-making.
- ✚ Monocular Cameras, while simple, are cost-effective solutions for tasks like lane detection and traffic sign recognition.

This initiative underscores our vision to establish MIT Bengaluru as a global hub for advanced technology and innovation. We are confident that the Centre will open new avenues for impactful research and strategic partnerships.





The Manipal Academy of Higher Education, Bengaluru (MAHE B'LRU), is a vast and open flagship campus of MAHE (Institution of Eminence) in vibrant Bengaluru!

At MAHE B'LRU we transcend boundaries through experiential learning, embracing global perspectives, and championing sustainability. Our world-class campus is a testament to our commitment to fostering unique future-ready education experiences across disciplines.

We are redefining the learning continuum, by blending traditional and new learning practices, deep research, plus focus on innovation, leadership, and entrepreneurship. To equip the next generation of leaders with the mindset and tools to navigate and make a positive difference in this ever-changing world.



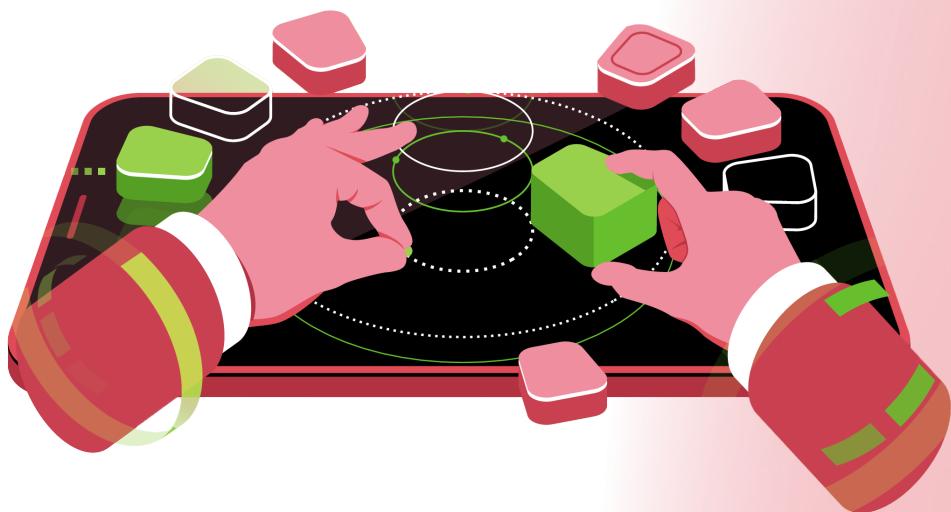
SCAN & APPLY

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+91 93152 02230 / 080 24494100**

admissions.maheblr@manipal.edu

Under-Graduate Programme

BACHELOR OF TECHNOLOGY



B.Tech.

B.Tech. CSE*
B.Tech. Electronics & Communication Engineering
B.Tech. Electronics & Computer Engineering
B.Tech. Electronics Engineering (VLSI Design and Technology)
B. Tech. Robotics and Artificial Intelligence

***Note: There will be a provision to choose the following specialisation from 5th semester of CSE :1. Artificial Intelligence & Machine Learning, 2. Cybersecurity 3. Data Science 4. Quantum Computing 5. Gaming & Digital Twinning, and 6. Robotics & Artificial Intelligence. Allotment of specialisation will be based on the academic performance [CGPA].**

COURSE DURATION

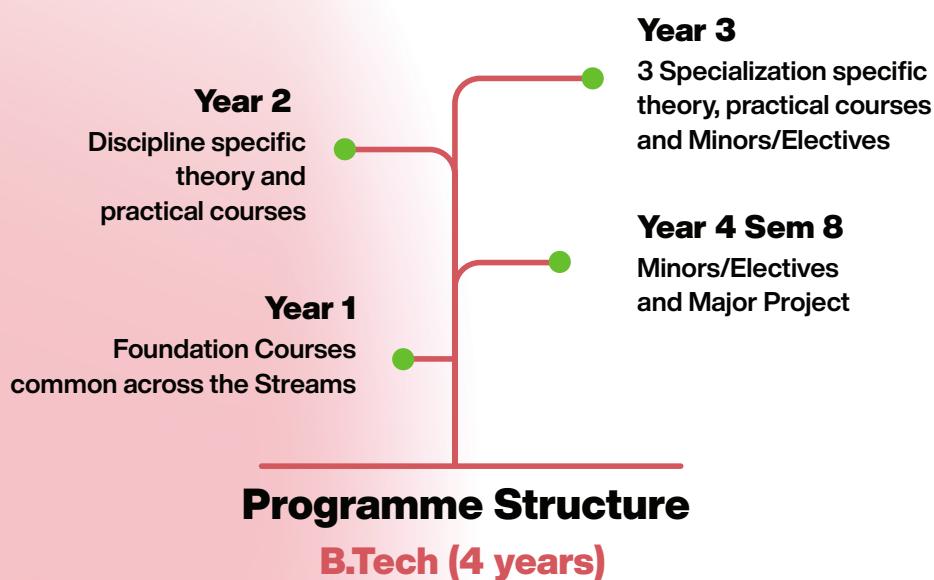
4 Years (8 Semesters)

QUALIFICATION

Pass in 10+2 or equivalent with Physics, Mathematics and English as compulsory subjects along with Chemistry / Biotechnology / Biology / any technical vocational subject as optional, from a recognized Board, with minimum 50 % aggregate marks taken together in Physics, Mathematics and any one of the optional subjects

ELIGIBILITY

Citizenship: Indian nationals can apply under the General Category. Foreign nationals, Non-Resident Indians, or Indian nationals supported by NRI relatives can apply under the Foreign /NRI Category



Admission Process

- Apply online
- Manipal Entrance Test (MET)
- Provisional Admission notice to shortlisted candidates
- Admission formalities

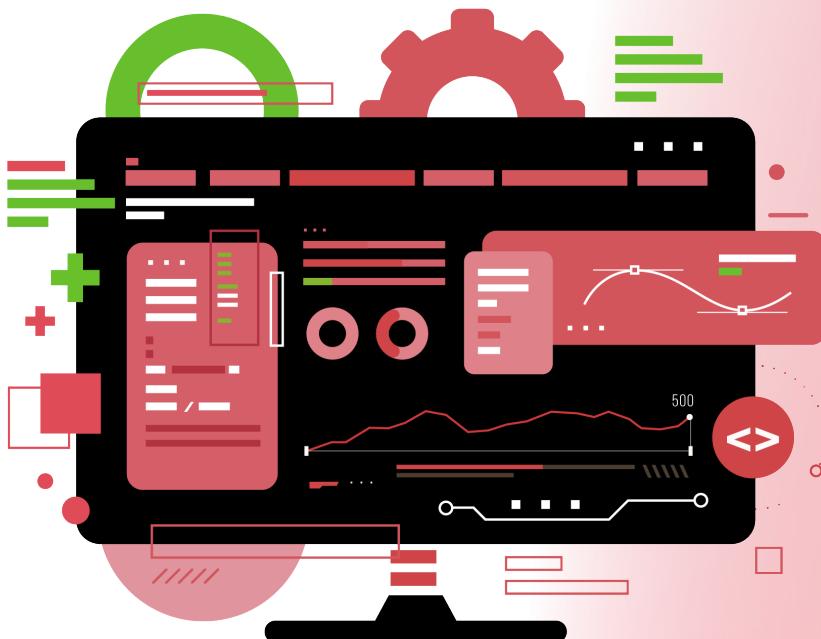
Programme Fee

Registration Fee	INR 10,000 / USD 100
Programme Fee	General Category - INR 19,58,000 4 years NRI/Foreign Category - USD 51,800 4 years



Post-Graduate Programme

MASTER OF TECHNOLOGY



M.Tech.

M Tech Computer Science & Engineering
M Tech Computer Science & Engineering (Data Sciences)
M Tech Electronics Engineering (VLSI Design)

Dual Degree Program B. Tech. and MBA (4+1 year)

Doctoral Programs PhD

In all branches of Science & Engineering

COURSE DURATION

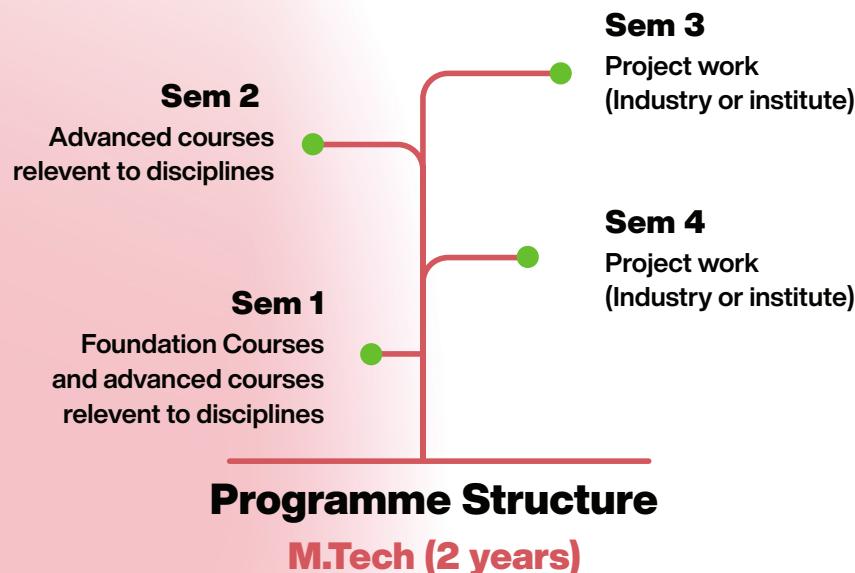
2 Years (4 Semesters)

QUALIFICATION

Pass in BE / BTech in a relevant branch from a recognized University, with minimum 50% aggregate marks. Weightage will be given to candidates who have qualified GATE under General Category only

ELIGIBILITY

Citizenship: Indian nationals can apply under the General Category. Foreign nationals, Non-Resident Indians, or Indian nationals supported by NRI relatives can apply under the Foreign /NRI Category



Admission Process

- Apply online
- Manipal Entrance Test (MET)
- Provisional Admission notice to shortlisted candidates
- Admission formalities

Programme Fee M.Tech

Registration Fee	INR 10,000 / USD 100
Programme Fee	General Category - INR 4,46,000 2 years
	NRI/Foreign Category - USD 12,400 2 years



www.manipal.edu/blr

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