



Admissions 2024

M.Tech. (Online) Artificial Intelligence

About IISc

Best University in India since the inception of rankings by the National Institutional Ranking Framework (NIRF) in 2016.

One of the 12 institutions in India to be granted the **Institute of Eminence (IoE)** status.

Highest-ranked Indian University in the Times Higher Education (THE) World University Rankings, 2024.

Ranked among the **top 200 Global Universities** and **#1 in the world on Citation per Faculty** as per the Quacquarelli Symonds (QS) World University Rankings, 2023.

About M.Tech. (Online)

Master of Technology (Online) degree programme, a fully online programme, for practising engineers and scientists.

Designed for professionals who are sponsored by organisations, who already have a BE/BTech/Equivalent degree and wish to upskill or re-skill themselves.

Typical time for completion is between 2 and 3 years.

Equivalent to the regular full-time Master of Technology degree.

Offered in three stream: Artificial Intelligence (AI), Data Science and Business Analytics (DSBA) and Electronics and Communication Engineering (ECE).

350

of students
Enrollments
over 3 years

70%

Students
graduating
within 2.5yrs

90%

Retention of
Students in the
programme

Program Structure of AI

Core courses (16 credits):

These are typically taken in the first and second semesters.

- Random Processes (4 credits)
- Linear Algebra (4 credits)
- Linear and Non-linear Optimization (4 credits)
- Machine Learning (4 credits)

Sample Elective courses (at least 21 credits):

- Data Structures and Graph Analytics (4 credits)
- Foundations of Robotics (4 credits)
- Digital Image Processing (4 credits)
- Reinforcement Learning (4 credits)
- Deep Learning for Computer Vision (4 credits)
- Data Analytics (4 credits)

Students may also take courses from any of the three streams as an elective.

Project (27 credits)

- Projects are done in-house with a company guide and an IISc mentor.

Eligibility

- Candidates must be nominated by a company having an MOU with IISc for this programme.

BE/BTech in CS/ECE/EE or equivalent discipline

- At least 70% of marks or equivalent CGPA in all degrees
- Two years of industrial experience

https://iken.iisc.ac.in/mtech-online/admission_2024/



IISc's Knowledge and E-Learning Network
Centre for Continuing Education
Indian Institute of Science Bangalore
Phone: 080 - 2293 2508
E-mail: office.iken@iisc.ac.in