



भारतीय विज्ञान संस्थान

Admissions 2025



# M.Tech (Online) Artificial Intelligence

## About IISc

One of India's highly-ranked universities.

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 citations per faculty** as per the Quacquarelli Symonds (QS) World University Rankings, 2023.

## About M.Tech (Online)

A fully online programme for practising engineers and scientists.

Designed for professionals who are sponsored by organisations, 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 streams:** Artificial Intelligence (AI), Data Science and Business Analytics (DSBA), and Electronics and Communication Engineering (ECE).

## Programme Structure of AI

### Core courses (16 credits):

Typically taken in the first two semesters.

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

### Sample elective courses (at least 20 credits):

- Data Structures and Graph Analytics (4 credits)
- Deep Generative Models (4 credits)
- Introduction to Cryptography(4 credits)
- Reinforcement Learning (4 credits)
- Edge and Cloud Systems for Machine Learning Algorithms (4 credits)
- Data Analytics (4 credits)
- Deep Learning for Robotics (4 credits)

Students can take elective courses from any of the 30 offered across the three streams.

### Project (28 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/BS(4 years) in CS/ECE/EE or equivalent discipline

- At least 70% of marks or equivalent CGPA in all degrees.
- At least 2 years of industrial experience.

<https://cce.iisc.ac.in/iken/admissions-2025/>



IISc's Knowledge and E-Learning Network  
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68%

have completed degree within 2.5 yrs (2021 & 2022 batch)

90%

Retention ratio of students in the programme

280

Active students in the programme

167

Graduated students (2021 & 2022 batch)