



M.Tech (Online) Electronics and Communication Engineering

Admissions 2025

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.

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).

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)

Programme Structure of ECE

Core courses (16 credits):

Typically taken in the first two semesters.

- Random Processes (4 credits)
- Digital Communications (4 credits)
- Statistical Inference for Engineers and Data Scientists (4 credits)
- Linear Algebra (4 credits)

Sample elective courses (at least 20 credits):

- Process Technology and System Engineering (4 credits)
- Antennas and Circuits for Emerging Communication and Radar (4 credits)
- Radio Frequency Integrated Circuits and Systems (4 credits)
- Machine Learning for Wireless Communication (4 credits)
- Communication Systems Design (4 credits)

Students can take elective courses from any of the 30 courses 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 (4years) in EE/ECE or equivalent discipline

- At least 60% of marks or equivalent CGPA in all degrees.
- At least 2 years of industrial experience.

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



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