



M.Tech.(Online)

Electronics & Communication Engineering

About IISc

- Best University in the country according to the Human Resource Development Ministry's National Institutional Ranking Framework (NIRF), 2021.
- One of the 11 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, 2022.
- Ranked among the top 200 Global Universities as per the Quacquarelli Symonds (QS) World University Rankings, 2022.

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.
- The total time for completion is between 2 and 3 years.
- Equivalent to the regular full-time Master of Technology degree.

Programme Structure

- **Core courses (12 credits)**
 - Random Processes
 - Digital Communications
 - Detection and Estimation
- **Sample Elective courses (at least 24 credits)**
 - Matrix Theory
 - Error Control Codes
 - Data Analytics
 - Analog VLSI Circuits
 - Optimisation for ML and SP
 - Communication System Design
 - Wireless Communications
 - Communication Networks
 - RF ICs
 - Image Processing
 - Antenna Theory and Practice
 - Integrated Circuits for Wireless Communications
 - Compressive Sensing and Sparse Signal Processing (3:1)
- **Project (28 Credits)**

Eligibility

- BE/BTech in ECE/EE or equivalent.
- First class or 60% of marks or equivalent CGPA in all degrees
- Two years of industrial experience.

