



M.Tech. (Online) Artificial Intelligence

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.

Course structure

- Strong emphasis on foundations and research in deep learning.
- Exposure to a wide variety of areas including Robotics, Edge-computing, NLP, Computer Vision and Speech.
- Curriculum (Core courses 13 credits, Electives 24 credits, Project 27 credits)
 - **Core:** Random Processes, Linear Algebra, Linear and Nonlinear Optimisation, Machine Learning
 - **Sample Elective courses:** Foundations of Robotics, Digital Image Processing, Reinforcement Learning, Deep Learning for Computer Vision, Speech Information Processing, Data Analytics, Machine Learning and Edge Computing, Advanced Deep Learning, Spectral Methods for Pattern Analysis, Machine Learning in Neuroscience.
 - **Project:** 6 credits in the first term, 21 credits in the second term.

Eligibility

- BE/BTech in CSE/ECE/EE or equivalent
- At least 70% of marks or equivalent CGPA in all degrees
- Two years of industrial experience.

