



Overview

IIT Madras started the Web-Enabled M.Tech Program in 2017 to enable professionals obtain an M.Tech degree while working



Eligibility for the program

- Must be an employee of an organisation that has signed an MoU with IIT Madras
- Employer must sponsor the candidate
- Candidate must possess relevant background and first class in the qualifying UG exam



Program Modalities

Lectures will be held online between 4pm - 7pm on weekdays



Timelines

Admission test/interview is typically held in Summer and classes will commence in Aug/Sept



Selection Criteria

Entrance exam and/or interview



Course curriculum



M.Tech in Computer Science & Engineering

Specialization offered

» Information Security



Eligibility

- B.E./B.Tech in any Engineering branch/discipline, MCA, M.Sc.(CS)
- Information Security (IS)

Selection Criteria

Interview (based on the syllabus)

Syllabus and Study Material

Discrete Mathematics, Programming & Data Structure, Computer Organisation & Architecture

Link: code.iitm.ac.in

M.Tech in Aerospace Engineering

Specialization offered

- » Aerospace Engineering
- » Ammunition Technology



Eligibility

The candidates should possess Bachelor's degree in Aerospace/Civil/Chemical/Computer Science/Electrical/Mechanical/Metallurgical/Naval Architecture or Master's degree in Physics/Mathematics/Chemistry

Selection Criteria

- Online objective type assessment
- Other modalities will be based on the MoU and in association with the parent company

Syllabus and Study Material

Strength of Materials, Fluid Mechanics, Thermodynamics, Basic Mathematics

Link: code.iitm.ac.in

M.Tech in Electrical Engineering

Specialization offered

- » Integrated Circuits & Systems
- » Communication & Signal Processing
- » Microelectronics
- » Multimedia
- » Quantum Science & Technology

(Inter disciplinary with Physics dept)



Eligibility

BE/B.Tech with specialization in ECE, EEE, Electronics & Instrumentation, Instrumentation & Control

Selection Criteria

Online Exam
(True/False, MSQ/MCQ, Numerical answer type)

Syllabus and Study Material

Basic CT Signal and Systems, Time-Domain Analysis, Fourier Series, Continuous-Time Fourier Transform

Link: code.iitm.ac.in

M.Tech in Industrial AI



Eligibility

- B.Tech/B.E. (4 years) in any branch with mathematics as compulsory subject in 10+2 system
- B.Sc.: (Maths/IT/Statistics/Computing) + M.Sc. (Maths/IT/Statistics/Computing and with mathematics) as compulsory subject in 10+2+3 system
- B.Sc. (Maths/IT/Statistics/Computing) + M.C.A. with mathematics as compulsory subject in 10+2+3 system

Selection Criteria

Written exam and/or interview

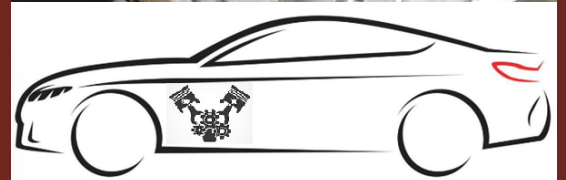
Syllabus and Study Material

Introduction to Probability including Conditional and Joint Probability, Random Variables and Distributions, Descriptive Statistics and Inferential Statistics, Introduction to Regression and Classification

Linear Algebra including Eigenvalue Decomposition, Singular Value Decomposition, Calculus including Maxima and Minima

Link: code.iitm.ac.in

M.Tech in Mechanical Engineering



Specialization offered

- » Mechanical Design
- » Automotive Technology

Eligibility

B.E/B.Tech in any specialization with adequate professional experience

Selection Criteria

Written Test and/or Interview
(Interview will be based on the work experience)



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**For Further Details :
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