

M TECH ADMISSION 2024

Civil Engineering Department

Construction Technology and Management



ABOUT THE PROGRAMME

Civil Engineering Department, School of Engineering, Institute of Technology, Nirma University has launched a M Tech programme in Construction Technology and Management from the academic year 2022-2023. To meet the requirements of construction industry, the construction manager should be well equipped with advanced construction technologies and management tools & techniques. The curriculum of the programme is well-designed with a focus on the need of the industries and in line with the syllabus of IITs, NITs and other institutes of national/international repute. The syllabus is well endorsed by various stake holders like academicians, industry professionals, alumni, students, etc.

PROGRAMME OBJECTIVES

After studying this programme, the students will able to

- formulate sustainable infrastructure projects satisfying the economic, environmental, social constraints
- plan, organize and control the execution of infrastructure projects
- analyse the complex infrastructure problems and identify the risk and uncertainty in the projects
- develop the solution for critical infrastructure projects utilizing modern management tools and techniques.

ELIGIBILITY CRITERIA

The minimum qualification for admission to M Tech in Civil Engineering with a specialization in Construction Technology and Management (CTM) program is as follows:

- Bachelor's degree in Civil Engineering or Equivalent degree in relevant field
- Bachelor's degree in Architecture/Planning or Equivalent degree in the relevant field
- The candidate must have secured at least 50% marks or its equivalent CGPA are eligible to apply
- Final year students of B Tech / B Arch / B Plan are eligible to apply
- Preference will be given to GATE-qualified candidates

SALIENT FEATURES OF THE PROGRAMME

- Qualified and experienced faculty members
- Well-equipped laboratories with advanced instruments
- Hands-on Training to various construction management software like Primavera P6, Microsoft projects & BIM
- Construction Practice Studio for hands-on-practice
- Collaboration with nationally reputed research organizations / Industries
- Deputation to construction industry/consulting firms/research institutes for Summer Internship/Minor Projects/Major Projects
- Industrial exposure through site visits to reputed infrastructure projects (local & out-station)
- Expert lectures by nationally & internationally renowned expert professionals and academicians
- Cooperative teaching by construction professionals from India and abroad
- Core & Elective courses as per the requirement of the construction industry
- Exposure to courses like Research Methodology & IPR Communication Skills and Technical Writing to improve soft skills
- Opportunity to work under the supervision of faculties & industry experts as a part of externally / Nirma-funded research projects, consultancy projects, etc.
- Full-fledged library facilities with a sufficient number of titles and e-resources
- Financial support to attend workshops, conferences, etc.

FINANCIAL SUPPORT

First 50% students admitted on the merit of GATE score will be paid scholarship/stipend of ₹12,400/- per month. All the remaining GATE and/or non-GATE students will be paid scholarship/stipend of ₹8,000/- per month.

IMPORTANT DATES

- Online application process begins: 04/04/2024
- Online application process ends: 18/06/2024

Refer website: <https://cl.nirmauni.ac.in/> for information.

CONTACT US:

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PLACEMENT & INTERNSHIP PARTNERS

