



**Civil Engineering Department,
School of Engineering
Institute of Technology, Nirma University**

M. Tech. in Construction Technology & 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.

SALIENT FEATURES OF THE PROGRAMME

- Well-qualified faculty members
- Core & Elective courses as per the requirement of the construction industry
- Summer Training/Minor Projects/Major Projects in-house/ outside the campus to give exposure to construction industry/consulting firms/ research institutes
- Construction Practice Studio for hands-on-practice
- Exposure to courses of Communication Skills and Technical Writing to improve soft skills
- Hands-on Training to variety of construction management software
- Knowledge regarding Research Methodology & IPR
- Industrial exposure through site visits to reputed infrastructure projects
- Expert lectures by national & international renowned expert professionals and academicians
- Cooperative teaching by construction professionals in India and abroad

ELIGIBILITY CRITERIA

The minimum qualification for admission to M. Tech. in Civil Engineering with a specialization in Construction Technology and Management (PG-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 in the aggregate in the qualifying examination at the respective bachelor's degree.
- Preference will be given to GATE-qualified candidates; thereafter, vacant seats will be filled from non-GATE category candidates.

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.

SELECTION PROCEDURE

The selection is based on a merit list prepared on the basis of a national level written test conducted by the Nirma University and counselling. GATE-qualified candidates with valid score are exempted from the written test.

FINANCIAL SUPPORT

Eligible GATE-qualified candidates admitted to M. Tech. programme will receive a monthly scholarship of ₹12,400/- per month. Valid GATE score is needed for the suggested financial Support. Nirma University will provide a scholarship of ₹5000/- to a limited number of students based on merit of the written test as per NU rules.

PLACEMENT

Students will be given ample opportunities for placement in core civil engineering consultancy firms, MNCs, Government organizations, Research centres, Academic institutions, etc. Few notable organizations where students can be placed are Larson & Toubro (L & T), Reliance Associates, Adani Engg., AFCONS Infrastructure Limited, TEC-4, Cushman Wakefield, Shapoorji Pallonji & CO., Ranjit Buildcon, M.S.Khurana Const., Sai consulting services, HCP & DPM, High tech Engineers, Savvy Swaraj, ViSilean, PSP Projects, VMS Consultants, etc.

IMPORTANT DATES

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

CONTACT US:

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