

Nirma University

M Tech / PhD Programme 2012 Admission

Institute of Technology, Nirma University, Ahmedabad, Gujarat, has invited applications from eligible candidates for admission into M Tech (Master of Technology) / PhD (Doctorate of Philosophy) programme in the following departments / subjects / specializations, to be offered in the upcoming session 2012.

Courses Offered:

Master of Technology (M Tech) programmes

- **Chemical Engineering:** Environmental Process Design, Chemical Process and Plant Design
- **Civil Engineering:** Computer Aided Structural Analysis & Design
- **Electrical Engineering:** Power Electronics, Machines & Drives, Electrical Power Systems
- **Electronics & Communication Engineering:** VLSI Design, Communication Engineering, Embedded Systems
- **Instrumentation & Control Engineering:** Control and Automation
- **Computer Science & Engineering:** Computer Science & Engineering, Information and Communication Technology, Information & Network Security
- **Mechanical Engineering:** CAD / CAM, Thermal Engineering, Design Engineering, Computer Integrated Manufacturing

M Tech (By Research)

- **Chemical Engineering:** Chemical Engineering, Chemical Reactions Engineering, Catalysis, Process Development & Integration, Bio-Fuels, Environmental Engineering, Nanotechnology, Industrial Waste Treatment & Recovery, Phase Equilibrium, Modeling & Simulation
- **Civil Engineering:** Trenchless Technology, Advances in Concrete Technology & Structural Rehabilitation, Earthquake Geotechnical Engineering, Applications of Geomatics in Civil Engineering, Earthquake Resistant Design
- **Computer Science and Engineering:** Machine Learning Applications, Data Mining and Pattern Recognition, Image Processing and Embedded Systems
- **Electronics & Communication Engineering:** Antenna Optimization Technique, VLSI Design, Analog and Mixed Signal VLSI Design
- **Instrumentation and Control Engineering:** Industrial Automation and Control
- **Mechanical Engineering:** Turbo Machines

Doctor of Philosophy (PhD)

- **Chemical Engineering:** Chemical Engineering, Chemical Reactions Engineering, Catalysis, Process Development & Process Integration, Process Optimization, Bio-Fuels, Environmental Engineering, Industrial Waste Treatment & Recovery, Nanotechnology, Phase Equilibrium, Modeling & Simulation
- **Civil Engineering:** Structural Engineering, Geotechnical Engineering, Geodesy & Geomatics
- **Computer Science & Engineering:** Database Systems and Mining, Pattern Recognition
- **Electrical Engineering:** Power Electronics and Power Quality
- **Electronics & Communication Engineering:** Optical Networks, Wireless Networks, Wireless Communication, Antennas, Microwave and Optical Fiber Communication, Image Processing, Video Processing, Speech Processing
- **Instrumentation & Control Engineering:** Process Instrumentation, Control Engineering, Soft Computing Applications in Control Engineering, Power Control & Optimization
- **Mechanical Engineering:** Biomass Gasification, Pyrolysis, Computational and Experimental Heat Transfer, Solar Refrigeration, Manufacturing Engineering

Fee

See the prospectus

How to Apply

Interested candidates are required to download the prescribed application form from the University's official website: <http://www.nirmauni.ac.in/>. The application form will be made available for download from May 16, 2012 onwards. The application processing fee for M Tech course will be Rs 1200; however, the fee for PhD programme has not been disclosed yet. The application processing fee should be paid in the form of DD drawn in favour of Institute of Technology, Nirma University payable at Ahmedabad. The duly filled in and completed application form along with all requisite documents (details mentioned on the website) should be sent to the below mentioned address, latest by June 18, 2012.

Date of Issue of Application Form

May 16, 2012

Last Date of Submitting Application Form

June 18, 2012