

MTECH ADMISSIONS 2025

VLSI Design | Embedded Sysems | Semiconductor Technology



INSTITUTE OF TECHNOLOGY, NIRMA UNIVERSITY

The institute was established in 1995 under the aegis of Nirma Education & Research Foundation. Institute of Technology offers B.Tech., M.Tech., and Ph.D. programmes in various engineering disciplines and MCA. All Undergraduate programmes offered are accredited by the National Board of Accreditation (NBA). The institute is ranked within the top 25 self-financed engineering colleges of India in the survey conducted by various rating agencies. The Institute is ranked in the rank band of 101- 150 by the National Institute Ranking Framework (NIRF), MHRD, Govt. of India in 2023.

ELECTRONICS & COMMUNICATION DEPARTMENT

The Electronics and Communication Engineering Department established in 1995 is known for its research in VLSI Design and Embedded Systems. The Department focuses equally on academics and research, thereby enabling the students to build a strong profile. Through blended learning techniques, students are exposed to theory supported by hands-on training in the laboratories. The Department offers undergraduate, postgraduate and doctoral programmes with specialisation in VLSI Design, Embedded Systems, and Semiconductor Technology. It has a pool of well-qualified and experienced faculty, well-equipped laboratories, meritorious students and industrial connection. An opportunity to work with Professors on live research projects, a challenging peer group, placements in top-notch companies and a disciplined teaching-learning environment are the highlights of the department.

MTECH PROGRAMS OFFERED BY EC DEPARTMENT:

M.Tech in VLSI Design
(24 Intake)

M.Tech in Embedded Systems
(18 Intake)

M.Tech in Semiconductor Technology
(18 Intake)

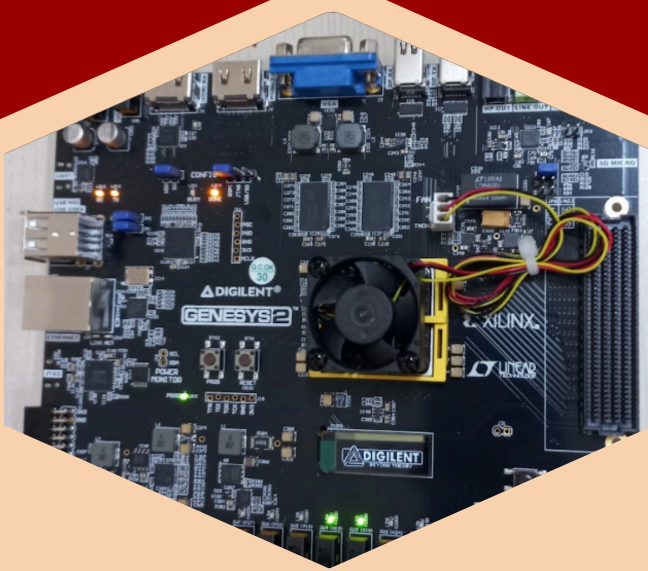
ELIGIBILITY:

- Admission to MTech programs is based on the merit of the GATE (EC) score. In the case of remaining seats, admission is based on the merit of an admission test (equivalent to GATE) conducted by the department [Curriculum](#)
- For More Details Visit:
 - <https://technology.nirmauni.ac.in/admission-aid/post-graduate/mtech>

SCHOLARSHIP:

- The first 50% students admitted on the merit of GATE score will be paid a scholarship of Rs. 12,400/- per month. All the remaining GATE qualified and/or non-GATE students will be paid the scholarship of Rs. 8,000/- per month
- Online application process begins: 16th April 2025
- Online application process ends: 16th June 2025

CLICK HERE



Department has MeiT Y, Govt. of India, Sponsored Advanced VLSI Design Laboratory



SALIENT FEATURES OF THE MTECH PROGRAM AT EC DEPARTMENT:

State of the art laboratories- VLSI Design, Embedded systems, FPGA-based design, etc.

Advanced industry based EDA Tools such as Cadence, Siemens Mentor Graphics, Xilinx, Proteus, MATLAB, etc.

Advanced FPGA Boards, embedded systems, edge computing, Machine Learning, Cyber Physical Systems, GPGPU Systems

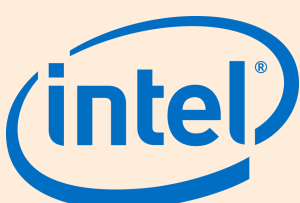
Consistent placement track record in reputed MNCs in the domains of VLSI and Embedded systems

Strong collaboration and MoUs with industry and research institutions

Funded research projects from DRDO, ISRO, DST, GUJCOST, Nirma University

Industry visit to Semiconductor Laboratory (SCL), Chandigarh, SAC ISRO, eInfochips, etc.

PLACEMENT PARTNERS:



HCLTech



NVIDIA



eInfochips

cadence

arm

Mentor Graphics

SYNOPSYS

AMD

infineon

PHILIPS

QUALCOMM

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