# M. TECH. ADMISSION 2025-26

## ABOUT US

The Indian Institute of Information Technology Surat is an Institute of National Importance and was established in Public-Private-Partnership (PPP) mode in 2017 by the Ministry of Human Resource Development, Government of India. The Government of Gujarat, Gujarat Narmada Fertilizer Company Ltd, Gujarat Gas Ltd and Gujarat Informatics Ltd agreed through a Memorandum of Understanding with Government of India to be the partners in the establishment and progression of the Institute.

## VISION

To develop a globally competitive Centre of Excellence in the field of Computer Science and Technology to inspire the younger generation of Engineers to realize the 'Make in India' dream a reality.

## MISSION

Imparting preeminent knowledge in the field of Information Technology to younger generations so that they can serve the Society and Nation through evolving excellence in technology and innovations.

# INDIAN INSTITUTE OF INFORMATION TECHNOLOGY SURAT

(An Institute of National Importance under Act of Parliament)

## CONTACT US

Kholvad Campus, Kamrej, Surat, Gujarat - 394190.
Contact No. 02621-298060, 7984806004
www.iiitsurat.ac.in

# M. TECH. – ELECTRONICS & COMMUNICATION ENGINEERING (SPECIALIZATION IN VLSI)

The program is designed to provide students with advanced knowledge and specialised skills in the fields of VLSI, preparing them for leadership roles in industry and research.

The VLSI and Embedded Systems M. Tech. program will cover the fundamentals and engineering aspects of designing and developing IC-based systems. Traditionally VLSI technology has emerged out as a successful conglomeration of two streams: material science and electrical engineering. The state of the art VLSI technology requires research in physical devices as well as novel design and development of electrical circuits. The program will focus on developing hands-on skills of designing semiconductor devices and circuits and architecting systems using embedded components such as, CPU, memory and peripherals. Students will be trained in several topics that cut across different domain, starting from the lowermost level of physical devices to the top level of application development.

**Some potential job roles include:**

- ASIC Design Engineer
- FPGA Design Engineer
- VLSI Design Verification Engineer
- DFT (Design for Test) Engineer
- Analog/Mixed-Signal Design Engineer
- Semiconductor Process Engineer
- Data Engineer

## FOR DETAILS RELATED TO SEAT MATRIX AND FEE STRUCTURE CLICK ON BELOW LINK

https://iiitsurat.ac.in/admission.php?admyear=TS5UZWNoIDIwMjUtMjY=

## VISIT INFORMATION BROCHURE FOR MORE DETAILS

https://ccmt.admissions.nic.in/document/information-brochure-5/

## APPLY THROUGH

https://ccmt.admissions.nic.in

# ELIGIBILITY

For GATE Candidates:

- Candidates must possess a bachelor's degree in relevant branches of engineering / technology or equivalent from the Institutes recognized by UGC/AICTE/Government.
- Candidates must have valid GATE score (remains valid at the time of Admission) in the appropriate GATE Paper as per Specialization.
- Candidates seeking admission to M. Tech. Programmes of the Institute should have :
  ·Minimum 60% or CGPA/CPI of 6.0 in 10-point scale (without rounding off) in the qualifying degree for UR/EWS/OBC candidates.
  ·Minimum 55% or CGPA/CPI of 5.5 in 10-point scale (without rounding off) in the qualifying degree for SC/ST/PC candidates.

## DURATION

- 2 YEARS

## STIPEND

- As per the GOI norms

# M. TECH. – COMPUTER SCIENCE & ENGINEERING (SPECIALIZATION IN DATA SCIENCE & AI)

The program is designed to provide students with advanced knowledge and specialised skills in the fields of Data Science & AI, preparing them for leadership roles in industry and research.

Graduates of the M. Tech. Data Science & AI program are highly sought after in the rapidly expanding field of data science, AI, ML and Deep Learning. With the increasing demand for skilled professionals who can harness the power of data, they will have diverse career opportunities in industrial verticals such as finance, healthcare, e-commerce, information technology, transportation etc.

**Some potential job roles include:**

- Data Scientist
- Machine Learning Engineer
- AI Researcher
- Big Data Analyst
- Data Engineer
- Business Intelligence Analyst



PROPOSED BOYS & GIRLS HOSTEL
IIIT SURAT