



VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

(Autonomous Institute of Government of Maharashtra)

MATUNGA, MUMBAI – 400019

**ELECTRONICS / ELECTRONICS &
TELECOMMUNICATION ENGINEERING**

Institute Website: vjti.ac.in

Department Website: <https://vjti.ac.in/electrical-engineering/>



COURSES OFFERED:

B.Tech in Electronics Engineering (Intake- 60)

B.Tech in Electronics & Telecommunication Engineering (Intake- 60)

M.Tech in IOT (Intake- 25)

M.Tech in Electronics & Telecommunication Engineering (Intake- 25)

Ph.D. in Electronics Engineering

EXPERT AREAS:

- Signal & Image Processing, AI-ML Applications
- IoT, Computer Networks, Error Correcting Codes
- Dynamics & Control, Robotics, Cyber Physical Systems
- Biomedical Signal , Data Science
- MEMS, Bio-Sensors, Microfluidics, VLSI Fabrication, Optical Spectroscopy
- Device Modelling and Simulations, Sensor Technology, Plasmonic, Nanotechnology, Automation, and Space Technology

LABORATORIES:

- 1.VLSI & Embedded Systems
- 2.Basic Electronics
- 3.Basic communication
- 4.Digital communication
- 5.RF & Antenna Computer Networking
- 6.Advance Biomedical
- 7.IoT Lab
- 8.Microprocessor
- 9.Biomedical Engineering
- 10.Industrial Electronics
- 11.DSP Lab
- 12.Wireless communication
- 13.IC lab
- 14.Computer Communication Lab
- 15.Virtual Instrumentation Lab

INDUSTRY MOUs

- International Gemological Institute Pvt. Ltd.
- Savex Technologies.
- Motwane and Test Data Technologies India Pvt. Ltd.
- VJTI has signed MOU with SAMEER (Society for Applied Microwave Electronics Engineering & Research, Dept. of Information Technology, MC&IT, and Govt. of India
- MOU between VJTI and Univision Softtech Pvt. Ltd(USPL)
- MOU between VJTI and VITRONICS (INDIA)

ACADEMIC MOUs

- Binghamton University, New York, USA.
- University of Sannio, Italy.

RESEARCH FACILITIES

- COE AI
- CoE CNDS
- IOT lab/ Airo Vision LAB
- COMSOL Multiphysics
- FPGA
- MATLAB
- Tiny ML-Adriano Nano
- VLSI Design
- CVIO

STUDENT ACHIEVEMENTS – SMART INDIA HACKATHON (SIH)

- 1.GATE 2026: Students secured AIR 2060, AIR 3676, AIR 8186, and AIR 9596, with multiple GATE qualifiers.
- 2.International Rover Challenge 2026: Secured 16th and 24th positions at the international level.
- 3.Smart India Hackathon (SIH) 2025: National Winners for innovative solutions.
- 4.International Rover Challenge 2025: Secured 23rd position at the international level.
- 5.IEEE International Conferences: Research paper publication and multiple student paper presentations.
- 6.Students qualified prestigious national and international examinations including CAT, GATE, GRE, TOEFL, and IELTS, along with certifications from SWAYAM, Coursera, and LinkedIn Learning.



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