



VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

(An Autonomous Institution of Government of Maharashtra)
MATUNGA, MUMBAI – 400019

MECHANICAL ENGINEERING DEPARTMENT

M.TECH THERMAL SCIENCE & ENERGY SYSTEMS

ABOUT VJTI AND MECHANICAL ENGINEERING DEPARTMENT

Veer mata Jijabai Technological Institute (VJTI), Mumbai, established in 1887, is one of India's premier autonomous institutes. Known for its academic excellence, state-of-the-art facilities and strong industry connection.

The Mechanical Engineering Department, one of the oldest and most reputed departments of VJTI, has a rich legacy of innovation, research and producing industry-ready professionals.

HIGHLIGHTS OF M.TECH THERMAL SCIENCE & ENERGY SYSTEMS

Industry Relevant Curriculum

Covers core and advanced areas in Thermal Engineering and Energy Systems.

Hands-on Learning

Experiments, simulations and real-world projects for practical understanding.

Expert Faculty

Experienced faculty with strong academic and industry background.

Research & Innovation

Opportunities in cutting-edge research in energy and thermal systems.

Industry Collaboration

MoUs and active interaction with leading industries and research organizations.

PLACEMENT RECORD

Strong Placement Track Record



Our students are placed in core engineering companies, R&D organizations and emerging technology firms.

FACILITY

Heat Transfer Laboratory

Well-equipped for conduction, convection and radiation experiments.



Thermal Engineering Lab

Facilities for IC engines, boilers, refrigeration and air-conditioning systems.



Energy Systems Lab

Study of conventional, renewable and alternative energy systems.

Simulation & CFD Lab

Advanced software and high performance workstations for thermal & energy system analysis.



Research Facilities

Advanced instruments and facilities to support innovative research.

WHY VJTI AND MECHANICAL?



135+ YEARS OF EXCELLENCE

Legacy of academic excellence and nation building.



REPUTED & AUTONOMOUS

Consistently ranked among top engineering institutes in India.



HOLISTIC DEVELOPMENT

Focus on technical skills, research, ethics and leadership.



INDUSTRY READY CURRICULUM

Designed to meet evolving industry and global standards.



PRIME LOCATION MUMBAI

In the heart of India's commercial and industrial hub.



STRONG ALUMNI NETWORK

VJTI alumni are leaders and changemakers worldwide.

DESIGN TODAY. OPTIMIZE TOMORROW.
POWER A SUSTAINABLE FUTURE.



Join M.Tech Thermal Science & Energy Systems at VJTI and be a part of the energy transition.