



Veermata Jijabai Technological Institute Mumbai-400019

(Autonomous Institute affiliated to University of Mumbai)

Department of Production Engineering

Shaping Industry Leaders for the Smart Manufacturing Era

About Us:

Established in 1959, the Department of Production Engineering offers B.Tech. (Sandwich) and M.Tech. programmes. Committed to excellence in teaching, research, consultancy, and industry collaboration, the department is supported by modern laboratories and experienced faculty. The B.Tech. (Sandwich) programme is accredited by the National Board of Accreditation (NBA).

Labs & Facilities:

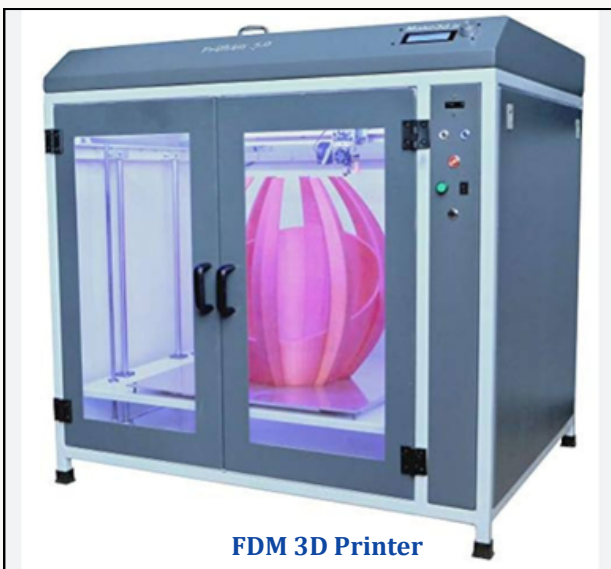
- Vertical Machining Center
- CNC Laser Welding Machine
- Robotic Gas Metal Arc Welding System
- Gas Tungsten Arc Welding System
- Single-nozzle & dual-nozzle FDM printers
- Modeling & Simulation Softwares
- Precision Metrology
- Industry-Linked Research Projects



Vertical Machining Center



Robotic Gas Metal Arc Welding System



FDM 3D Printer

Why Choose Production Engineering at VJTI?

- **Integrated Curriculum:** A blend of Mechanical, Industrial, and Management education, aligned with NEP 2020
- **Industry Internship:** One-semester internship ensures hands-on experience and job readiness
- **Strong Placements:** Excellent track record with leading core companies
- **Expert Faculty:** Rich experience in research, industry, and academics
- **Future-Ready Labs:** Equipped with tools and technologies aligned to Industry 4.0 and beyond

Student Life & Exposure:

- Industrial visits, Seminars, Technical Clubs
- IEOM Chapter
- ASME Chapter
- SAE Chapter
- PMI Mumbai Chapter

Placement Highlights For B. Tech:

- Highest Package: ₹18 LPA
- Average Package: ₹11.25 LPA
- 6-month compulsory internship

Top Recruiters:



Why Choose M. Tech in Production & Industrial Engineering at VJTI?

- **Premier Institute:** VJTI, established in 1887, is one of India's leading engineering institutes with a rich legacy of excellence
- **Industry-Focused Curriculum:** Focus on Smart Manufacturing, Automation, Robotics, Lean Manufacturing, CAD/CAM, CNC Technology, and Project Management.
- **Advanced Laboratories:** Hands-on training with CNC Milling & Turning, Robotic GMAW (MIG) Welding, TIG Welding, CNC Laser Welding, CAD/CAM, and Metrology laboratories
- **Expert Faculty:** Experienced faculty with strong research expertise and active industry collaborations
- **Excellent Placements:** Opportunities in top companies, R&D organizations, and public sector enterprises



Process Lab



Metrology Lab



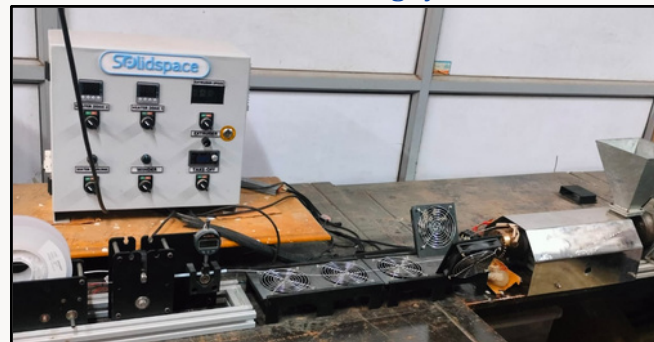
Universal Testing Machine



Gas Tungsten Arc Welding System



CNC Laser Welding System



Filament Extruder

B. Tech & M. Tech Courses:

Program	Duration	Intake
B.Tech in Production Engineering (Sandwich)	4 years	60
M.Tech in Production & Industrial Engineering	2 years	18
M.Tech in Project Management	2 years	18

Labs & Facilities:

- Vertical Machining Center
- CNC Laser Welding Machine
- Robotic Gas Metal Arc Welding System
- Gas Tungsten Arc Welding System
- Single-nozzle & dual-nozzle FDM printers
- Siemens Teamcenter software
- Mathematica Software
- Casting Simulation Lab
- Metal Forming Simulation Lab
- 3D Scanner
- Filament Extruder
- HP High End Workstations
- Modeling Software (SolidWorks)
- Analysis Software (ANSYS, ABAQUS)

Why Choose M.Tech in Project Management at VJTI?

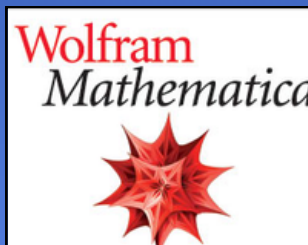
- **Project Management:** Focus Curriculum designed to build leadership in planning, execution, and control of industrial projects
- **Industry-Relevant Learning:** Hands-on training with tools like Lean, Six Sigma, and project simulation labs
- **Expert faculty & research guidance from** experienced professors working on real-world, funded projects
- **Strong Industry Connect Mumbai:** offers access to internships, live projects, and industry tie-ups
- **Excellent Career Outcomes:** Prepares you for roles like project manager, operations analyst, and consultant—with top placements
- **Lab & Software Tools:** Hands-on training in PLM software, Teamcenter, and ERP tools used across industries
- **Capstone Projects & Internships:** Solve live industry problems under expert guidance
- **Leadership & Entrepreneurship:** Prepares students for leadership roles and entrepreneurial ventures in diverse, project-driven industries

Placement Highlights for M.Tech:

Leading Recruiters, Internships & PPO:



Tools:



Contact Us

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<https://vjti.ac.in/production-engineering/>