

Vision

The Mechanical Engineering Department aspires to be acclaimed globally for renowned education and research to accelerate well qualified engineers who are creative, entrepreneurial and flourishing in advanced fields of engineering and research.

Mission

- **Higher Order Thinking:** To assure quality education to the students and broaden their profession to make them globally competent Mechanical Engineers.
- **Continuous learning:** Nurturing vital, state of art, research facility to provide students and faculty with outstanding opportunities to discover, illustrate, implement and disseminate wisdom.
- **Competency :** To develop alliance with world class R & D organizations and educational institutions in India and overseas for teaching, research and consultancy services.
- **Entrepreneurship :** To provide the students with academic environment of excellence, leadership, and ethical guidelines needed for lifelong productive career.

OUR MAIN FOCUS

- Producing excellent academic achievement every year.
- Enhancing Employability skills of our students
- Strengthening Industry-Institute Interaction
- Campus Placement in Core Industries
- Improving Research publications /Patents.

OUR STRENGTHS

- Laboratories are equipped with high tech machineries at an investment of Rs.2 crores.
- Qualified and experienced faculty with sound character, integrity, punctuality, good values and positive attitude.
- Real time Industrial projects.
- More achievements in Co/Extra Curricular Activities.
- More than 200 international journals/conferences with high Impact factor by our mechanical Faculty team.
- Published 13 patents, Granted 5 Patents.
- Industry oriented training by Experts from core industry.
- Centre of Excellence – AUTODESK

SPECIAL FEATURES

- DFMA (Design for Manufacturing & Assembly) Minitab and Cut Viewer software for Students project
- Value Added Course on AUTOCAD, PDMS (Plant Design Management System), CREO, HYPER mesh, REVIT MEP, ANSYS, INVENTOR, SOLIDWORKS.
- Workshop / Training program on best industrial practices like 5S, KAIZEN, LEAN MANUFACTURING, TQM, TPM, SUPPLY CHAIN MANAGEMENT, INDUSTRY 4.0, INDUSTRY SAFETY AND FIRST AID etc.,
- Students Chapter of IE (I), ISTE, ISHRAE, NIQR (National Institution for Quality and Reliability), Energy Club, IPA etc.,

OFFERS FIRST TIME IN PONDICHERRY

B.Tech, MECHANICAL ENGINEERING with MINOR / HONORS degree

MINOR DEGREE

- ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (AIML)
- AUGMENTED / VIRTUAL REALITY (AR/VR)
- BLOCK CHAIN TECHNOLOGY (BCT)
- DATA SCIENCE (DS)
- CYBER SECURITY (CS)
- INTERNET OF THINGS (IoT)

HONORS DEGREE

- ROBOTICS
- 3D PRINTING (Additive Mfg.)
- E-VEHICLES
- SUSTAINABLE ENERGY

Dr. B. RADJARAM
Professor & Head

Dr. S. MALARKKAN
Principal

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MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

An Autonomous Institution

Affiliated to Pondicherry University
Accredited by NBA, New Delhi and NAAC with 'A' grade
Kalvi vallal N.Kesavan Salai, Medical College Campus,
Kaliheerthalkuppam, Puducherry- 605 107.
Ph: 0413 2643007 / Website: www.mvit.edu.in



DEPARTMENT OF MECHANICAL ENGINEERING

Accredited by NBA, New Delhi

Profile

Sri Manakula Vinayaga Educational Trust,

A legendary trust established in 1999 sponsors following institutions:

- Sri Manakula Vinayagar Medical College & Hospital
- Sri Manakula Vinayagar Engineering College
- Manakula Vinayagar Institute Of Technology
- Mailam Engineering College, Mailam
- Sri Manakula Vinayagar Nursing College
- Sri Manakula Vinayagar Polytechnic College
- Venkateswara College Of Education
- Venkateswara Teacher Training Institute
- Sri Manakula Vinayagar Software Solutions
- SMV SCHOOL
- Takshashila University, Tindivanam.

About Institution

Manakula Vinayagar Institute of Technology (MIT) was established in 2008, with a view to provide quality technical education to young aspirants. The institution is approved by AICTE, New Delhi & affiliated to the Pondicherry Central University. Mechanical Engineering Department was established in 2012 with an intake of 60 students and "Accredited by NBA", New Delhi

Courses Offered

Under Graduate

- B.Tech – Mechanical Engineering
- B.Tech – Electrical and Electronics Engineering
- B.Tech – Electronics and Communication Engg.
- B.Tech – Computer Science and Engineering
- B.Tech – Information Technology
- B.Tech – Robotics and Automation
- B.Tech – Food Technology
- B.Tech – CSE – (IoT and Cyber security including Block chain Technology)
- B.Tech – Artificial Intelligence and Machine Learning
- BBA – Bachelor of Business Administration
- BCA – Bachelor of Computer Application

Post Graduate

- M.Tech – Electronics and Communication Engg
- M.Tech – Computer Science and Engineering
- MBA – Master of Business Administration
- MCA – Master of Computer Application

Ph.D. Research Programmes

- Ph.D. – Electronics and Communication Engg (ECE)

17
Years of
Academic
Excellence



Educate ★ Empower ★ Excel



**NATIONAL
DESIGN AND
RESEARCH
FORUM2016
BRONZE
MEDAL**

PROGRAM HIGHLIGHTS

- IE (I) Chapter Inauguration
- ISHRAE Chapter Inauguration
- NIQR Chapter Inauguration
- Safety Workshop
- TQM - Workshop
- Auto CAD FDP
- Industrial Visit - Mitsubishi, NLC, LEYLAND
- Energy Club
- Plumbing Conference
- Special Lectures
- Guest Lectures
- Environment Rally
- SCIMIT
- MITILNCE - VIBRANT



**NATIONAL
DESIGN AND
RESEARCH
FORUM
2019
GOLD MEDAL**

LAB FACILITIES

- CNC Lab
- Machine Shop
- Metrology Lab
- Metallurgy Lab
- Dynamics Lab
- Universal Testing Machine
- CAD Lab
- Thermal Lab
- Fluid Mechanics & Machinery Lab
- Pelton & Francis Turbine
- Kaplan Turbine
- Engineering Graphics Model
- I C Engine Model
- Machine Drawing Model
- Digital Spring Tester
- Hobbing Machine
- Tool Maker Microscope
- Auto Collimator
- Profile Projector
- Surface Roughness Tester

Placements

**Total Placement
every Year**

90%

Our Recruiters



Projects @ Reputed MNC



Major Achievements



Unique Features

- GATE COACHING FROM 2nd YEAR ONWARDS
- CENTRE OF EXCELLENCE - AUTODESK
- WELL EQUIPPED LABORATORIES
- INDUSTRIAL VISIT / INTERN SHIP
- FINAL YEAR PROJECTS @ INDUSTRIES
- Software Training on AUTO CAD, CREO, PDMS (PLANT DESIGN MANAGEMENT SYSTEM), HYPER MESH, REVIT MEP, ANSYS, INVENTOR, CATIA, etc

Facilities



Industry Tie ups



Major Activities



Major Events

