



Bharati Vidyapeeth's
Jawaharlal Nehru Institute of Technology
Katraj - Dhankawadi, Pune 411 043

Mechanical Engineering Department

Overview, Vision, Mission and Objectives

Mechanical Engineering is the most popular course where students learn about manufacturing processes, Machines, Mechanisms, Engines, Automobiles, Refrigeration & Air - conditioning. All industries and Government Departments need mechanical engineers for manufacturing operations, maintenance of equipment, planning, designing etc.

The Department has highly qualified and experienced team of staff members. It has well equipped laboratories like Metrology and Quality Control Laboratory, Thermal Engineering Laboratory, Theory of Machines Laboratory, Hydraulics Laboratory. A students organization MESA is active in the Department to keep the students informed about current trends in Technology and organizing Extra Curricular Events

Vision :

To be the leading source for learning, implementing and sharing the knowledge through dedicated team.

Mission :

Mechanical Engineering Department of BharatiVidyapeeth's Jawaharlal Nehru Institute of Technology is ne pas ultra of faculty, staff, students, and alumni. It also encompasses industries with close tie ups, through mechanical engineering research, education, and service.

We recognize our responsibility to accept pioneering role amongst all to create high respect for our Department as a source of teaching excellence proffering advice and technical expertise.

We value professionalism and integrity; our commitment towards students, commu-nity and environment.

We strongly believe in self sustenance by invoking institute - industry interaction and providing excellent, time-worthy solutions to achieve superior goals.

M1: To create a generation of high repute with strong practical base and awareness of social bindings through commitment towards acceptance of advancement in technology.

M2: Contributing to social transformation through dynamic education in Mechanical Engineering.

M3: To provide conducive environment promoting staff and student to achieve personal and professional growth.

M4: To provide an education that enables students to develop a firm foundation in mechanical engineering principles, attains the analyzing and problem solving abilities of students with effective communication skills, and provide diploma engineers who are motivated and have ability for lifelong growth in their professional careers.

Programme Educational Objectives

PEO1: Diploma holders in Mechanical Engineering will apply knowledge gained in engineering to improve society and sustain through a successful career in Mechanical Engineering and other interdisciplinary fields.

PEO2: Diploma holders in Mechanical Engineering will become entrepreneurs to support social and technical challenges ethically.

PEO3: Diploma holders in Mechanical Engineering will practice mechanical engineering in a broad range of industries, keeping in mind recent and upcoming trends.

PEO4: Diploma holders in Mechanical Engineering will pursue advanced education, actively participate in development, and other creative and innovative efforts in engineering, and technology, as well as other professional careers.