

Devi Ahilya Vishwavidyalaya, Indore
Institute of Engineering & Technology

Vision Statement: Institute of Engineering & Technology, DAVV, Indore

To be a leading human resource centre for generating, advancing and disseminating knowledge, serve and build value to the society and industry through research, entrepreneurship and outreach activities.

Mission Statement: Institute of Engineering & Technology, DAVV, Indore

IET DAVV puts premium on:

- 1. Creating an enthusiastic and synergic learning environment.*
- 2. Developing the youth into well groomed, confident personalities, eager to take the upcoming challenges.*
- 3. Striving for finding solutions to the societal problems through research and innovation.*
- 4. Promoting the exchange of ideas, expertise and use of facilities with other institutions.*
- 5. Establishing an environment for innovation, start-ups and technology based businesses.*
- 6. Instilling pride in India's cultural heritage and commitment to serve the country under all circumstances.*

Vision Statement: Mechanical Engineering Department

Creating internationally competitive and socially responsible Mechanical Engineers who shall contribute to the technological advancement and sustainable development by acquiring and disseminating knowledge using innovative pedagogical methods.

Mission Statements:

The Mechanical Engineering Department is committed to:

- 1. M1: Imparting a sound education in Mechanical Engineering by providing conducive teaching learning environment with emphasis on using best teaching practices.*
- 2. M2: Promoting research, innovation, and practical problem-solving through interdisciplinary projects, experimentations and strong collaboration with industry and research organizations.*
- 3. M3: Instilling professional ethics, leadership skills, environmental consciousness, and a commitment to societal well-being among students.*

Program Educational Objectives (PEOs)

Within a few years after graduation, the graduates of the Mechanical Engineering programme will:

- 1. PEO-1: Apply technical and ethical knowledge in emerging areas of Mechanical Engineering by using strong fundamentals of Mathematics, Science and Core Engineering Subjects.*
- 2. PEO-2: Demonstrate the ability to respond to industrial and societal needs with creativity, innovation and adaptability, including in interdisciplinary contexts.*
- 3. PEO-3: Exhibit effective communication, teamwork, leadership, ethical conduct and professional responsibility in their careers.*
- 4. PEO-4: Engage in lifelong learning through higher studies, skills development, and continuous self-improvement to remain globally competitive.*
- 5. PEO-5: Contribute to sustainable development and societal welfare by applying engineering solutions responsibly and ethically.*

Program Specific Outcomes (PSOs)

PSO 1: Identify, Formulate and Analyse complex Engineering problems in Thermal Engineering, Design Engineering and Manufacturing & Industrial Engineering domains.

PSO 2: Ability to conduct experiment and simulate the real-life situations involved in engineering using computational techniques and instrumentation; and can work independently in research and industrial environments.

PSO 3: Apply mechanical engineering knowledge and concepts to solve the societal, environmental and economic issues.