

## **Vision of Mechanical Engineering Department (JEC, Jabalpur)**

Endeavors to be recognized for academic excellence and research in advanced fields of mechanical engineering to fulfill the global needs considering environmental sustainability.

## **Mission of Mechanical Engineering Department (JEC, Jabalpur)**

- To imparting highest quality education to the students to build their capacity and enhancing their skills to make them globally competitive mechanical engineers.
- To develop critical thinking, effective communication and learning skills in students and promote the value of ethical behavior and responsibility.
- To maintaining state of the art research facilities to provide collaborative environment that stimulates faculty, staff and students with opportunities to create, analyze, apply and disseminate knowledge.

## **Programme Educational Objectives (PEOs)**

Mechanical Engineering Department (JEC, Jabalpur)

Mechanical Engineering graduates within 3 to 4 years will be able to:

1	PEO1	Design mechanical engineering systems using modern automation tools.
2	PEO2	Excel in production, maintenance, management and quality control of production system and perform industrial operations.
3	PEO3	Engage in entrepreneurship, career enhancement, lifelong learning and adapt to changing professional and social needs in ethical manner.

## **Programme Specific Outcomes (PSOs)**

1	PEO1	Ability to design machine components, thermal systems and production components.
2	PEO2	Ability to manage production processes like; Machining, Casting, Welding, Joining etc.
3	PEO3	Ability to fulfil industrial needs.