

INTEGRAL UNIVERSITY, LUCKNOW
DEPARTMENT OF MECHANICAL ENGINEERING

B-Tech (Mechanical Engineering)

Programme Educational Objectives (PEOs)

1. To prepare students for a solid foundation in mathematics, sciences and technical skills, needed to analyze and design simple and complex systems.
2. To train students to opt new skills and techniques and be well versed with engineering softwares.
3. To develop students for advance studies, for eventual leadership roles in their profession and society.
4. To make graduates familiar with current / emerging mechanical engineering issues and have an understanding of ethical / social responsibilities and get engaged in lifelong learning.
5. To make students competent in written and oral communication skill, team work skills, multidisciplinary approaches and ability to relate engineering issues to broader social context.

Program Specific Outcomes (PSOs)

PSO1: Apply principles of basic sciences and engineering sciences and laboratory skills for design of mechanical systems/components and to analyze/ interpret the data to improve productivity in the organizations.

PSO2: Use the techniques, skills and modern engineering tools necessary for engineering practice with appropriate considerations for social and environmental constraints.

PSO3: Graduates will demonstrate the ability to identify, formulate and solve problems related to mechanical engineering and develop new methods to improve productivity in the organization.