

## Programme Educational Objectives (PEOs)

Under the Post-graduate Mechanical Engineering programme in Machine Design, the objectives aim to produce qualified Mechanical Engineering Post-graduates who will:

- I. Possess advanced knowledge and understanding thus enabling them to tackle practical design problems in industrial fields, as well as pursue further academic achievements through research.
- II. Possess communication, analytical, decision-making, motivational, leadership, problem solving and human relations skills.
- III. Conduct themselves in a responsible, professional and ethical manner.
- IV. Inculcate an attitude for life-long learning process.

## Program Outcome

The following list of program outcomes are chosen.

- a. Possess knowledge of modern technological concepts and apply specialized expertise practically.
- b. Conduct simulations and experiments; analyze data, and present results.
- c. Work on multi-disciplinary group projects to enhance interpersonal and leadership skills
- d. Make effective oral presentations of ideas on engineering design solutions and prepare technical documents effectively.
- e. Develop professional and ethical attitude and become socially responsible citizens.
- f. Ability to understand global issues and conduct independent research in the emerging areas.