ME Virtual Prototyping and Digital Manufacturing
2021 Regulations

Programme Educational Objectives (PEOs)

The objectives of the postgraduate programme are mentioned as follows:

1. To train the postgraduates to leverage the power of digital technologies in product development and product visualisation practiced by OEMs and to prepare case studies systematically.

2. To impart skills to use the principles of computer graphics and visualisation in developing visualisation environments incorporating the knowledge of computer aided design, computer aided engineering and allied domain knowledge for evaluation of product / situation in evaluating systems with a systematic reporting.

3. To inculcate the philosophy of concurrent engineering using the concepts of product lifecycle management, while developing complex products with the help of case studies.

4. To foster research orientation to formulate and solve socially relevant problems, by pursuing research with state of the art technologies on virtual reality and digital technologies and an ability to communicate research findings.