Programme Outcomes (POs)

The programme outcomes describe the attributes, skills, and abilities that postgraduates should have upon completion of this programme and are listed below:

a) Postgraduates will understand the mathematical principles used in scientific and engineering data visualization related problems of science and engineering.

b) Postgraduates will be capable of developing simple visualization applications incorporating the latest software and hardware.

c) Postgraduates will demonstrate their ability to create virtual environments for immersive visualization of data related to products/environments using the knowledge on computer graphics and virtual reality.

d) Postgraduates will improve quality in product design by incorporating the suggestions from several stakeholders.

e) Postgraduates will understand the platform of object oriented computing and generate codes/programs for business process automation and data transfer.

f) Postgraduates will demonstrate capabilities in developing complex and higher geometry curves and surfaces used in product design and visualization.

g) Postgraduates will be able to use the principles of Computer Aided Engineering and relevant software for simulations.

h) Postgraduates will be groomed in their areas of interest and will demonstrate abilities to communicate their research outcomes.

i) Postgraduates can pursue their careers with OEMs in supporting new product development activities and in the area of research and development.

j) Postgraduates will have the knowledge of reverse engineering and rapid prototyping for product design.