

MEE306 Computer Aided Design-II (1 Unit)

- Using CAD/CAM System: Introduction, 3D Modelling and Viewing, Modelling Aids and Tools, Engineering Drawings, CAD/CAM programming.
- Geometric Modelling: Curve, Surfaces, NURBS, Solids, Features.
- Computer Graphics: Graphics Display, Transformations, Visualization, Computer Animation.
- Product Design and Development: Mass Properties, Assembly Modelling, Finite Element Method, Product Data Exchange, Collaboration Design.
- Engineering Tolerances, Process Planning, Part Programming, Product Life Cycle management.