Subject Code: 13ME2102

Course Outcomes:
At the end of the course, the student will be able to
CO1: Describe product development, conceptual design and classify rapid prototyping systems; explain stereo lithography process and applications
CO2: Explain direct metal laser sintering, LOM and fusion deposition modeling processes
CO3: Demonstrate solid ground curing principle and process
CO4: Discuss LENS, BPM processes; point out the application of RP system in medical field define virtual prototyping and identify simulation components

UNIT – I

UNIT – II

UNIT – III
UNIT – IV

UNIT- V
Introduction to Virtual prototyping- End to end prototyping-simulation-components of virtual prototyping- effects- economics of virtual prototyping.

TEXT BOOKS:

REFERENCES: