

I Year I Semester

Code: 17CC111

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4 0 3

**ADVANCED CAD LAB
(Elective-II)**

Students shall carry out the modeling and FE analysis of the following to predict deflection and stress distributions:

1. Trusses – 2D and 3D2.Beams
2. Plate with Plane stress condition
3. Plate with Plane strain condition
4. Cylinders – Axe-symmetric condition
5. Natural frequencies of Beam