SUBJECT NO-MI62004, SUBJECT NAME- COMPUTATIONAL GEOMECHANICS

LTP- 3-1-0,CRD- 4

SYLLABUS :-

Basics of Finite Element Method (FEM) with reference to geomechanics;
Principles of continuum mechanics; Rock and rock mass failure criteria, Non-linear techniques in FEM, Rock joint analysis, analysis and design of structures and excavations in rock mass; FEM software in geomechanics.