SUBJECT NO-MI40021, SUBJECT NAME- APPLIED ROCK ENGINEERING LTP- 3-0-0,CRD- 3

SYLLABUS :-

Rock mass classification, RMR and Q-system, stability analysis of excavation made in rock mass, elastic and plastic deformation, stress conditions, support requirement of a excavation under various types of rocks, numerical modeling of excavations. Methods for constructing underground tunnel, caverns and storage facilities.