

**CE639A: Analytical and Numerical Methods in Geomechanics**

**3-0-0-0 [9]**

**Course Contents:**

Finite difference, finite element and other analytical methods of solution to (i) Elasticity and stability problems in Geomechanics, (ii) Analysis of response of soil media to applied loads, (iii) Limiting equilibrium, Failure theories, Method of characteristics, (iv) Limit analysis, etc.