

CE634A: Ground Improvement Techniques**3-0-0-0 [9]****Course Contents:**

Engineering properties of soft, weak and compressible deposits; Principles of treatment loading (static and Dynamic); Accelerated flow; Reinforcement; Drainage and filters, Injections, thermal, electrical and Chemical Methods; Preloading; Dynamic Consolidation; Vertical drains; Granular piles; Soil nailing; Anchors; Design methods and case studies.