

CE681A: Characterization of Pavement Materials

3-0-0-0 [9]

Course Contents:

Characterization of pavement materials; bituminous mix, aggregates, sub-grade, cemented materials and cement concrete; Experimental methods; Material modeling; Fatigue and Permanent deformation; Material inter phase and interactions; Surface energy concepts; Moisture and temperature sensitivity; Mix design concepts and approaches; Evaluation and use of recycled materials.