

CVE 306: MATERIAL FOR CIVIL ENGINEERING CONSTRUCTION LAB (1 Unit)

Determination of the specific gravity of cement powder, standard consistency of cement paste; initial setting time and final setting time of Portland cement. Evaluation of the soundness of Portland cement. Conduction of the grading analysis of fine aggregate. Determination of the aggregate crushing value of coarse aggregate; workability of fresh concrete by the slump test and the compacting factor test. Specific gravity of bituminous materials; consistency, durability, and temperature susceptibility of asphalt cement