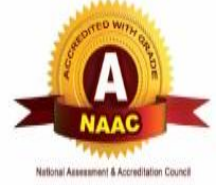




SETHU INSTITUTE OF TECHNOLOGY
(An Autonomous Institution | Accredited with 'A' Grade by NAAC)
PULLOOR, KARIAPATTI – 626 115.



DEPARTMENT OF CIVIL ENGINEERING

Course Code & Name: 15UCE706 CONCRETE AND HIGHWAY ENGINEERING LABORATORY

Activity Supports Employability / Entrepreneurship

- The behavior and properties of structural materials, e.g. concrete and asphalt can be better understood by detailed, well-designed, firsthand experience with these materials. The students will become familiar with the nature and properties of these materials by conducting laboratory tests.
- These tests have been selected to illustrate the basic properties and methods of testing of cement, aggregates, paste, mortar, concrete and asphalt. Test procedures outlined by the Indian Standards.
- The students will be able to effectively link theory with practice and application and to demonstrate background of the theoretical aspects
- To prepare the students to have hands on experiments and to have exposure to equipment and machines and to emphasize the knowledge and application of safety regulations.

Split Tensile Test



Non-Destructive Testing – Ultrasonic Pulse Velocity (Crack Measurement)



Lab Demonstration helps the student in developing their Employability Skill and Entrepreneurship Skill.

Course Instructor
Ms.A.Subalakshmi AP/Str.Engg

HOD/Civil
Dr.B.Jeyaprabha