

ENGINEERING MATERIALS LABORATORY

This is where undergraduate engineering students are introduced to various mechanical tests on construction materials. The lab is also used extensively by PhD students for their experimental investigations. The material testing laboratory has been in continuous upgrades to provide engineering students with state-of the art facilities in which to develop their skills. Some of the important equipment are as follows:

Name of the Important equipment	Technical Manpower Support		
	Name of the Technical Staff	Designation	Qualification
<ul style="list-style-type: none"> • Slump Test Equipment • Vee-Bee Consistometer • Compaction factor • Electrically operated Sieve Shaker • Briquette Tension Testing M/C • Compressive Strength Test • Permeability Apparatus • Automatic compression Testing Machine • Ultrasonic Tester PUNDIT plus with data acquisition software • Dyna Basic Unit Manometer type for pull of testing, disc 50mm • CANIN+ for Measurement of Corrosion in Concrete • Erudite MK-4 (Resonant frequency Measurement) • Oscilloscope for Erudite • Deflection Controlled Flexure Testing Machine 300KN • Tensile Strength Tester, Electrically Operated • Digital Test Concrete Test Hammer PC 	Mr. Abu Obaida	Lab Attendant	ITI



BRIQUETTE TENSILE TESTING
APPARATUS



CRUSHER



VEE BEE TESTING APPARATUS

CONCRETE COMPACTION





COMPACTION FACTOR

SIEVE SHAKER





COMPRESSION TESTING MACHINE

BEAM TESTING MACHINE





VIBRATING TABLE

O-RING APPARATUS





PERMEABILITY APPARATUS

STUDENTS BEING HELPED BY
FACULTY

