



Sl No	Name of the Laboratory	Name of the Important Equipments
01	Concrete & Highway Materials Testing Laboratory	Description : Testing of concrete ingredient materials and highway construction materials Major Equipments: Universal Testing Machine (UTM), Digital Compression Testing Machine (CTM), Los Angles Abrasion test, Ductility Test Apparatus, Impact Value Test Apparatus etc.
02	Geotechnical Engineering Laboratory	Description: Laboratory and field investigation of soil Major Equipments: CBR test Apparatus, Shear test Apparatus, Unconfined Compression test Apparatus etc.
03	Surveying Practice Laboratory	Description : Use of modern equipments for land surveying Major Equipments: Total Station, Auto Level , Theodolite, Dumpy Level etc.
04	Building Material Testing Laboratory	Description : All type of building material testing at laboratory Major Equipments: Universal Testing Machine (UTM), Digital Compression Testing Machine (CTM), Impact Test Apparatus, Hardness Test Apparatus, Torsion Test Apparatus
05	Fluid Mechanics & Hydraulics Machine Laboratory	Description : Study the properties of fluid and hydraulic machines Major Equipments: Pelton Wheel Turbine, Kaplan Wheel Turbine, Franci's Turbine, Notches, Venturimeter & Orifice meter etc.



6	Environmental Engineering Laboratory	Description: Drinking water and waste water quality analysis Major Equipments: BOD Incubators, pH, Turbidity meter, Centrifuge
07	Computer Aided Design & Detailing Laboratory	Description: Analysis and design of civil engineering structures using modern softwares Major softwares: E-Tabs, STAAD Pro, AutoCAD, QGIS
08	Engineering Geology Laboratory	Description: Testing of mineralogy and physical properties of rocks and minerals. Major facilities: Rock Specimens, Mineral Specimens



Geotechnical laboratory



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Surveying laboratory



Concrete and Highway materials lab



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Geology lab





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Fluid Mechanic Laboratory



Computer Aided Building Planning & Drawing Laboratory



Environmental Laboratory