

## Photographs of all the laboratories:

### 1. Survey Field Work – I&II

This lab is established for determining the relative heights or elevations of points with respect to the objects on the earth's surface using levelling equipments. To create awareness among the students about the measurements in the field by using different types of surveying instruments. It will be useful in the application of distance between two inaccessible points.



### 2. Strength Of Materials Lab

This laboratory provides a platform to the students to understand the basic principles in the area of strength and behavior (tension, torsion, bending, impact, shear etc.) of the materials to the undergraduate students through a series of experiments.



### 3. Fluid Mechanics & Hydraulic Machinery Lab

The main purpose of this lab is to create awareness and enhance the Understanding of the fundamentals of Fluid Mechanics and properties of fluid. It offers the concept of Construction and working of hydraulic machines (pumps and turbines).



### 4. Concrete Technology Lab

This lab offers a platform for the students to learn the distinct properties of all ingredients in concrete, fresh and harden concrete and also to know the different strength properties of harden concrete.



### 5. Geology Lab

This laboratory can be helpful for the identification of all the physical properties of rocks and minerals (such as Ore forming minerals and igneous, sedimentary and metamorphic rocks). Toposheets are provided for the identification of features in the land surface.



#### 6. Transportation Engineering Lab

The laboratory of transportation engineering is well equipped which helps to test aggregates and bitumen (crushing value, impact resistance, specific gravity and water absorption, percentage attrition, percentage abrasion, flakiness index and elongation index for the given road aggregates etc.).



#### 7. Geotechnical Engineering Lab

This lab has been established to enhance and enrich the knowledge on properties of soils (Compaction, Consolidation, shear strength characteristics, Permeability and Index properties of soil).



## 8. Computer Aided Engineering Drawing And Gis&Cad Lab

To learn various modelling techniques such as edit, zoom, cross hatching, pattern filling, rotation, etc. The Computer-Aided Design and Geographic Information Systems (CAD-GIS) laboratory can be helpful for the analysis, design and drawing of different structural buildings and retaining walls like water body structures related to civil engineering.



## 9. Environmental Engineering Lab

Environmental Engineering Laboratory has been established to study some important characteristics of water and wastewater in the laboratory along with some conclusion and decide whether the water is potable or not.

