

3. Calibration/Testing Facility

Civil Engineering Department

Material Testing Laboratory

Testing Services:-

Different tests on Cement, Steel, Sand, Aggregate, Cement Concrete, Brick, Tiles, Timber and plywood.

Consultancy Services:-

- ◆ Non Destructive Testing
- ◆ Concrete Mix Design
- ◆ Design of Underground & Elevated Reservoirs
- ◆ Design of Steel Structures.



Geotechnical Engineering Laboratory

Laboratory Tests:-

- ◆ Direct Shear Test
- ◆ Core Cutter Test.
- ◆ Sand Replacement Test.
- ◆ Unconfined Compression Test.
- ◆ Consistency Limits
- ◆ Proctor Test



Transportation Engineering Laboratory

Testing Services:-

Road Aggregate

- ◆ Crushing Value Test.
- ◆ Abrasion Test.
- ◆ Impact Value Test.
- ◆ Shape Test.
- ◆ Stripping Value Test

Bituminous Material

- ◆ Penetration Test
- ◆ Ductility Test
- ◆ Softening Point Test., Viscosity Test
- ◆ Specific Gravity.
- ◆ Flash & Fire Point Test



Surveying Laboratory

Consultancy Services:-

- ◆ Contour Surveying
- ◆ Water Supply and Drainage Surveying
- ◆ Plane Table Surveying.
- ◆ Route Surveying.



Environmental Engineering Laboratory

Testing Services:-

- ◆ Physical and Chemical Test on Water & Waste Water.
- ◆ pH Value.
- ◆ Nitrogen Content.
- ◆ Dissolved Oxygen's (DO)
- ◆ Alkalinity, Acidity/Iron.
- ◆ Chloride Content
- ◆ Chemical Oxygen Demand. (COD).
- ◆ Bio- Chemical Oxygen Demand. (BOD).
- ◆ Stack Monitoring kit
- ◆ High Volume Sampler.
- ◆ Sound Level Meter.

Consultancy Service

- ◆ Design of Water & Waste Water Treatment Plants.
- ◆ Emission Sampling and Analysis.
- ◆ Design of Water supply and Drainage system.

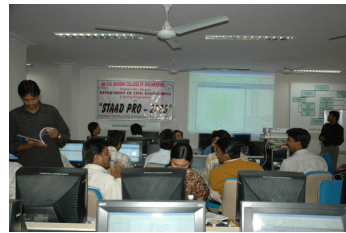


Computer Laboratory

Software Services:-

The Short Term training courses for field consultants are available on following.

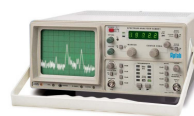
- ◆ Auto CAD-2006
- ◆ STRUDS-2007
- ◆ STAAD PRO-07



Electronics Engineering and Electronics & Telecommunication Engineering Department

Test & Measurement Laboratory

- Universal Calibrator(Fluke make):Capable of calibrating Voltmeter, Ammeter, Wattmeter, Multimeter
- 9 in 1 Test lab. (APLAB)
- Hand held DSO(APLAB)
- 3½ digit programmable Multimeter (Sciencetech)
- Power Quality Analyzer (Sciencetech)



Computer Science & Engineering Department

Infra Red Thermal Camera

- Useful for Thermal Level detections.
- Useful in Swine flu detection also

