

Transportation Engineering Laboratory

The Transportation Engineering Laboratory is equipped with facilities for testing of Aggregates, Bitumen and Soil. The Laboratory is fully equipped for conduct of regular experiments at UG level.

EQUIPMENTS AVAILABLE

- Compression testing machine
- Los Angeles Abrasion testing machine
- CBR testing machine
- Aggregate Impact testing machine
- Sieve set and sieve shaker
- Flakiness and Elongation testing apparatus
- Angularity number testing apparatus
- Pensky Marten Flash and Fire point apparatus
- Penetrometer
- Ductility testing machine for bitumen
- Softening point testing apparatus
- Thermo statically controlled oven
- Specific gravity bottle

EXPERIMENTS CONDUCTED

- o Tests on Aggregates
 - Abrasion test
 - Impact test
 - Shape test
 - Angularity number
 - Specific gravity test
 - Crushing value test
- o Tests on Bitumen
 - Penetration test
 - Ductility test
 - Softening test
 - Specific gravity
 - Flash and fire point test

Lab –in charge : TINA J

