

HIGHWAY & AIRPORT ENGINEERING LAB (P-25005)

- 1. Determination of abrasion value (Los Angeles Abrasion Test Machine) of road aggregates.**
- 2. Determination of impact value of road aggregates.**
- 3. Determination of penetration value of bitumen.**
- 4. Determination of softening point of bitumen.**
- 5. Determination of thickness of pavement by California bearing ratio (CBR) for the sub-grade soil.**
- 6. Visit to Hot mix plant.**
- 7. Visit highway construction site for demonstration of operation of: Tipper, Tractors (wheel and crawler), Scraper, Bulldozer, Dumpers, Shovels, Grader, Roller, Dragline, Road Pavers, JCB etc.**
- 8. Mixing and spraying equipment.**
- 9. A compulsory visit to Ready Mix Concrete plant.**
- 10. Determination of viscosity of tar/bitumen.**
- 11. Determination of ductility of bitumen.**