

SAI NATH UNIVERSITY RANCHI JHARKHAND

PRACTICAL LIST

1. Determination of water content of a given moist soil sample by pycnometer.
2. Determination of specific gravity of a given soil sample by pycnometer.
3. Determination of consistency limits (liquid, plastic and shrinkage limits) of the soil sample.
4. Determination of relative density of a given soil sample.
5. Determination of compaction characteristics (OMC and MDD) of a given soil sample.
6. To determine the flakiness index and elongation index of course aggregates.
7. To determine the penetration value of bitumen.
8. To determine the softening point of bituminous material.
9. To determine the ductility value of bituminous material.
10. To determine the flash and fire point of bituminous material.