

DEPARTMENT OF CIVIL ENGINEERING

CE8512 - WATER AND WASTE WATER ANALYSIS LABORATORY

(III Year - ODD Semester)

Regulations: R17

List of experiments recommended as per Anna University

1. Determination of PH, Turbidity and Conductivity
2. Determination of Hardness
3. Determination of Alkalinity and Acidity
4. Determination of Chlorides
5. Determination of Phosphates and Sulphates
6. Determination of iron and Fluoride
7. Determination of optimum coagulant dosage
8. Determination of residual chlorine and available chlorine in bleaching powder
9. Determination of oil and grease
10. Determination of suspended, settleable, volatile and fixed solids
11. Determination Dissolved Oxygen and BOD for the given sample
12. Determination of COD of given sample
13. Determination of SVI of biological sludge and microscopic examination
14. Determination MPN index of given water sample

List of experiments beyond the Curriculum

15. Determination of Ammonia Nitrogen in wastewater

Estd - 2001