

## DEPARTMENT OF CIVIL ENGINEERING

**Name of the Lab : WATER AND WASTE WATER ANALYSIS LABORATORY**

### **OBJECTIVES:**

- To analyze the physical, chemical and biological characteristics of water and wastewater
- To quantify the dosage requirement for coagulation process
- To study the growth of micro-organism and its quantification
- To quantify the sludge

### **OUTCOMES:**

Upon the completion of this course the students will be able to

- Quantify the pollutant concentration in water and wastewater
- Suggest the type of treatment required and amount of dosage required for the treatment
- Examine the conditions for the growth of micro-organisms

Estd - 2001