

# **Environmental Engineering II LAB (BCET 701)**

## **Course Outcomes:**

1. Appreciate the importance and methods of operation and maintenance of wastewater supply systems.
2. Communicate effectively in oral and written presentations to technical and non-technical audiences the applications of waste water treatment and its significance in society.
3. Be able to understand the concept of sewerage system and its network layout.
4. Appreciate the understanding of different processes involved in the treatment of sewage.
5. Be able to apply the basis of an Environmental Management System (EMS) to an industrial activity.

## **List of Experiments:**

1. Determination of pH in waste water.
2. Determination of Color in water
3. Determination of Turbidity in water
4. Determination of Solids in Sewage
  - a. Total Solids
  - b. Suspended Solids
  - c. Dissolved Solids
  - d. Volatile solids
  - e. fixed solids
  - f. Settleable solids
5. Determination of Dissolved Oxygen