

MANGALORE UNIVERSITY
DEPARTMENT OF BIOSCIENCES
M.Sc. ENVIRONMENTAL SCIENCE

ESP456 WATER AND WASTEWATER MANAGEMENT LAB

Course Outcomes:

CO1 Learn the methodology of determination of physico-chemical parameters of water samples.

CO2 Learn different methods to assess soil quality.

CO3 Visit to water purification and wastewater treatment plants enhance their knowledge about water and wastewater management.

CO4 Describe infiltration and runoff characteristics of water.

1. Determination of DO in water and wastewater samples
2. Determination of BOD in water and wastewater samples
3. Determination of COD in water and wastewater samples
4. Determination of porosity and permeability of different soils
5. Determination of infiltration and runoff characteristics
6. Determination of nitrite content of water samples
7. Determination of phosphate content of water samples
8. Visit to water & wastewater treatment plants