MANGALORE UNIVERSITY
DEPARTMENT OF BIOSCIENCES
M.Sc. ENVIRONMENTAL SCIENCE
ESP457 ENVIRONMENTAL POLLUTION LAB

Course Outcomes:
CO1 Conduct experiments on water quality parameters.
CO2 Learn to determine physico-chemical parameters of solid waste.
CO3 Understand Indicators of pollution & biomonitoring.

1. Estimation of residual chlorine in the water sample using Chlorotex reagent.
2. Demonstration of catalase activity in polluted waters.
3. Estimation of oil and grease in water sample.
4. Solid waste indices.
5. Physical properties of solid waste.
6. Chemical characteristics of solid waste.
    6.1 Biological oxygen demand of solid waste.
    6.2 Chloride content of solid waste.
    6.3 Estimation of inorganic phosphate of solid waste.
    6.4 Estimation of sulphates of solid waste.
7. Indicators of pollution & biomonitoring.