


MANGALORE UNIVERSITY
DEPARTMENT OF BIOSCIENCES

M.Sc. ENVIRONMENTAL SCIENCE

ESP 506 ENVIRONMENTAL POLLUTION ABATEMENT LAB

Course Outcomes:

CO1 Conduct experiments on water quality parameters.

CO2 Learn the principles of air pollution monitoring, radiation and noise pollution control instruments.

CO3 Gain the knowledge of air, water and noise pollution and control through field visits.

CO4 Understand primary and secondary abatement methods.

1. Air pollution monitoring, devices, samplers.
2. Estimation of DO in water samples.
3. Estimation of BOD in water samples.
4. Determination of chlorinity and salinity in water samples
5. Study of primary and secondary abatement methods.
6. Detection of pathogenic bacteria in water.
7. Detection of pathogenic cyanobacteria in polluted waters.
8. Study on instruments related to measurement of radioactive compounds.
9. Noise pollution control instruments
10. Practicals on pollution related issues.
11. Visits to factories, laboratories, industries like KIOCL, M.C.F., dairy industry.