



MANGALORE UNIVERSITY

DEPARTMENT OF BIOSCIENCES

M.Sc. ENVIRONMENTAL SCIENCE

ESP508 AIR, NOISE AND RADIATION POLLUTION LAB

Course Outcomes:

CO1 Assess air pollutants, noise pollution and radiation in different areas.

CO2 Learn air pollution indicators.

CO3 Assess particulate matters in different areas.

CO4 Learn SO₂, NO_x analysis.

1. Determination of SO₂ in different areas.
 2. Determination NO_x by spectrophotometric method.
 3. Basic radioactive measurement procedures using GM counter.
 4. Studies on indicators of air pollution.
 5. Measurement of noise level in different environments by sound level meter (SLM).
 6. Determination of particulate matters PM₁₀ and PM_{2.5}.
 7. Field visit to assess air and noise pollution.
 8. Determination of radiation in a given area using dosimeter.
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