

## **ESP 556 ENVIRONMENTAL POLLUTION AND MANAGEMENT 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. Determination of salinity in water samples.
3. Study of primary and secondary abatement methods.
4. Detection of pathogenic bacteria in water.
5. Detection of pathogenic cyanobacteria in polluted waters.
6. Study on instruments related to measurement of radioactive compounds.
7. Noise pollution control instruments.
8. Practicals on pollution related issues.
9. Visits to factories, laboratories, industries like KIOCL, MCF, dairy industry.

## **PROJECT WORK**

### **ESP557 Project work (Report/Dissertation)**

### **Course Outcomes:**

*CO1 Experience the method of writing the dissertation and present the research data.*

*CO2 Build up the capacity and confidence to carry out a project independently.*

*CO3 Gain the knowledge of conducting research based study which will be motivating to go for higher study.*

*CO4 Able to get job opportunities in the field of research topic carried out in the project work.*

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