

Branch Name:	Environment Engineering
Program Code:	ET212
Subject Title:	Air and Noise Pollution Practical
Subject Code:	2ET2120102P
Pre-requisite Subject:	Basics & Fundamentals of air and noise pollution

Course Objective:

- Student should acquire knowledge related to the air pollution
- Student should acquire knowledge related to the noise pollution
- Prepare plan strategies to control and reduce air pollution

Teaching and Examination Scheme:

Credit	Teaching Scheme Hours per week				Evaluation Scheme (Marks)								
					Theory (Marks)				Practical (Marks)				Total (Marks)
	L	T	P	Total	SEE		CCA		SEE		CCA		
					Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
1	-	-	2	2	-	-	-	-	10	25	10	25	50

List of Experiments:

- Experiment based on Instrument of High Volume Air Sampler (PM 10) and PM2.5 for Ambient AirQuality Monitoring of Different locations.
- Experiment based on Stack Monitoring Kit for Stack Monitoring in different Industries.
- Experiment on Noise level Measurement of Different Areas.
- Exercise on effects of combination of different sound
- Report of an noisy area of a township and creation contour of loudness
- Visit to field for noise pollution
- Preparation report of field visit
- Presentation of report

Major Equipment:

- Noise Meter
- High Volume Sampler (PM 10 & PM 2.5)
- Stack Monitoring Kit

Course Learning Outcomes (CLO): On completion of this course, the students will be able to:

CLO	Description	Bloom's Taxonomy Level
CLO1	Evaluate the impacts of air pollution on human, vegetation, and animal	L-5
CLO2	Prepare plan strategies to control and reduce air pollution	L-4
CLO3	Student should acquire knowledge related to the noise pollution and its control	L-3

L1- Remember, L2- Understand, L3- Apply, L4- Analyze, L5- Evaluate, L6- Create

Mapping of CLOs with POs & PSOs

	Program Outcomes (POs)												Program Specific Outcomes (PSOs)		
Course Learning Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CLO1	M	M	M			M	M							M	M
CLO2	M	M	M	M		M	M							M	M
CLO3	M	M	M			M	M							M	M

H: High, M: Medium, L: Low