

OUTCOME

CECE 4230	Pollution & environmental control	3 Credit
Prerequisites:	CHEM 1101	
Goal	To attain the knowledge of various sources of pollution & its reduction techniques to establish a clear	
Objectives	Outcomes	
<ol style="list-style-type: none"> 1. Understand the sources of air pollution and its affects & air quality standards 2. Understand the air quality monitoring & measurement 3. Understand the meteorology of atmospheric dispersion 4. Understand the inversion and classification of stack plumes 5. Understand the air pollution control and particulates control equipments 6. Understand the gravitational settling chambers, fabric filters and ESPs 7. Understand the water pollution & its control measures 8. Understand the noise pollution & its control measures 	<p>The students should be able to able to understand :</p> <ol style="list-style-type: none"> 1.Sources of air pollution, adverse effects, types of pollution standards 2. Air quality monitoring & measurement systems 3. Meteorology of atmospheric dispersion 4. Inversions, classification of stack plumes 5.Air pollution control, basic mechanism, particulate control 6.Issues related to water pollution & its control measures 8.Noise pollution & its control measures 	