

# Panipat Institute of Engineering and Technology

## Department of Civil Engineering

For Lecture's in **B. Tech. Civil Engineering VII<sup>th</sup> Semester**

Course No.	Title of the Course	Course Structure	
<b>EL-419A</b>	<b>Environmental Impact Assessment</b>	<b>L-T-P</b>	<b>3-0-0</b>
<b>COURSE OUTCOMES (CO)</b>			
CO1	Students will study the different sources of Environment pollution		
CO2	Students will study the different sources of Air pollution and its effects		
CO3	Students will study about the Waste management and its disposal of waste		
CO4	Students will study about Environmental assessment		
UNIT NO`	Topics To Be Covered	Lecture Nos	
I	Introduction to EIA	1	
	Resources	2	
	Pollution	3	
	Reuse and environmental management	4	
	Management of Aquatic Environment	5	
	Water quality controls	6	
	Drainage basin activities and water pollution	7	
	The impact of human activity on aquatic resources	8	
	The control measures, regional planning.	9	
II	Air Quality Management	10	
	Atmosphere	11	
	Effect of human activity on air quality	12	
	Waste disposal alternative	13-14	
	Optimization Techniques	15-16	
	Planning of waste disposal	17-18	
III	Waste disposal methods	19	
	Impact of waste disposal of human activity	20	
	Land Use Management	21-22	
	Impact of land use on human life	23	
	Control of hazards in land use	24	

	Management of land use	25-26
IV	Introduction to Environmental Assessment	27
	National environmental policy	28-29
	Implication of environment assessment in design process	30-32
	Preparation of assessment, quantification	33-34
	General requirements of environmental standards	35
	Techniques of setting standards	36

<b>Sr. No.</b>	<b>Course Coordination Committee</b>	<b>Name</b>	<b>Contact No</b>	<b>E-Mail Id</b>
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