

GOVERNMENT POLYTECHNIC, VAISHALI

Civil & Electronics Engineering Semester – II

Lecture plan for left syllabus effective from 10-04-20

Subject:- Basic chemistry/1602202

Subject Teacher – Mukesh Kumar Mishra

S.NO	UNIT	TOPIC TO BE COVERED	NO. OF PERIOD	BOOK
1	5	Introduction, Definition , Causes of pollution	L1	T1,T2
		Types of pollution, such as Air and water pollution	L2	T1
		Air pollution: Definition, Types of air pollution their sources & effects, such as Gases, Particulates, Deforestation, Radioactive Gases	L3	T1,T3
		Control of Air pollution, Air pollution due to internal combustion Engine & Its control methods	L4	T1
		Causes & Effects of Ozone Depletion & Green House Effects.	L5	T1
		Water pollution: Definition ,Causes & Methods of preventing water pollution	L6	T1,T2
		Types of waste such as Domestic waste, Industrial waste, their physical and biological characteristics	L7	T1
		BOD. COD , Biomedical waste & E-waste, their origin, Effects & control measure	L8	T1,T2
		Preventive Environmental Management (PEM) Activities.	L9	T1,T3

BOOKS:-

- (1) T 1 :- Basic chemistry ,Sanjay kumar ,Rahul kumar Foundation publication.
- (2) T2 :- Engineering chemistry, Jain and Jain, Dhanpat Rai and sons.
- (3) T3 :- Engineering chemistry, S.S Dara, S. Chand Publication.