

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	4	11/08/15 Polymerisation Reaction - Basic Concepts, Types.	I	C.R.		
2	5	11/08/15 Addition and Condensation Thermosetting & Thermoplastics.	I	"		
3	5	12/08/15 Compounding of Plastics.	I	"		
4	4	13/08/15 Moulding of Plastics.	I	"		
5	4	18/08/15 Preparation, Properties and uses of PE, PVC, Teflon.	I	"		
6	5	18/08/15 Prep. Prop., uses of Bakelite, Nylon, Polyester.	I	"		
7	5	19/08/15 Cement - classification	I	"		
8	4	20/08/15 Raw Materials of Cement.	I	"		
9	4	25/08/15 Manufacturing of Portland Cement.	I	"		
10	5	25/08/15 Constituents of Cement	I	"		
11	5	26/08/15 Setting and Hardening of Cement.	I	"		
12	4	27/08/15 Setting and Hardening of Cement.	I	"		
13	4	01/09/15 Introduction - Hardness of water Temporary.	II	"		
14	5	01/09/15 Permanent Hardness. Units.	II	"		
15	5	02/09/15 Units, Interconversions Estimation of hardness.	II	"		
16	4	03/09/15 Problems on Hardness Treatment of water, domestic use.	II	"		
		08/09/15 MID-I exam				
		09/09/15 MID-II exam.				
17	4	10/09/15 Break point chlorination Industrial water treatment	II	"		
18	4	15/09/15 Desalination R.O. Process.	II	"		

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19	5	15/09/15	Lime Soda Process.	II	C.R	
20	5	16/09/15	Zeolite process.	II	"	
	4	17/09/15	Vinayaka Chavithi			
21	4	22/09/15	Ion exchange Process.	II	"	
22	5	22/09/15	Ion exchange Process.	II	"	
23	5	23/09/15	difference of wall Processes.	II	"	
	4	24/09/15	Dakrid.			
24	4	29/09/15	Def., examples, Types of Corrosion, Theories of Corrosion.	III	"	
25	5	29/09/15	Mechanism (Dry and Wet Mechanism).	III	"	
26	5	30/09/15	Galvanic Series, Corrosion, Concentration Cell Corrosion.	III	"	
27	4	01/10/15	Mechanism of Wet Corrosion (H_2 evolution, O_2 absorption)	III	"	
28	4	06/10/15	Factors influencing the rate of Corrosion.	III	"	
29	5	06/10/15	Control of Corrosion - Proper design, use of pure metals.	III	"	
30	5	07/10/15	Use of Metal alloys, Passivity, Cathodic protection.	III	"	
31	4	08/10/15	Sacrificial Anode and Impressed Current Cathodic.	III	"	
32	4	13/10/15	Modifying the environment, Use of inhibitors.	III	"	
33	5	13/10/15	Introduction to liquid fuels - classification of crude oil.	IV	"	
34	5	14/10/15	Fractional distillation - Cracking - Types.	IV	"	
		15/10/15	MID - 2 Exams.			
		20/21/22	Ausskara Holidays.			

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4	35	27/10/15 Fischer-Tropsch & Bergius Process.	IV	C.R.		
5	36	27/10/15 Polymerisation-Refining, and Reforming.	IV	"		
5	37	28/10/15 Knocking - Anti-knocking octanes Cetane Nos.	IV	"		
9	38	29/10/15 Principle and function of Lubricants-Types.	IV	"		
39	4	03/11/15 Mechanism of Thick & Thin & Extreme Pressure.	IV	"		
40	5	03/11/15 Classification and Properties (Viscosity, flash)	IV	"		
41	5	04/11/15 Cloud and Pour, Aniline, Heat-No., Mech. strength	IV	"		
42	4	05/11/15 Introduction - Harnessing of Solar energy - PV cell.	V	A-V, Aids.		
43	4	10/11/15 Solar Power plants.	V	"		
44	5	10/11/15 Green House effects. Introduction-12 principles.	V	"		
		11/11/15 Drawn.				
45	4	14/11/15 12 principles - Green Synthesis - Application.	V	"		
46	4	17/11/15 Preparation of few Nano Materials.	V	"		
47	5	17/11/15 Top down and Bottom up approaches.	V	"		
48	5	18/11/15 Properties of Nano Materials - Silver Shield.	V	"		
49	4	19/11/15 Engineering & Bio - Medical Application.	V	"		
50	4	24/11/15 Revision classes				
51	5	24/11/15 Revision classes				
52	5	25/11/15 Revision classes.				

Spiller