

LESSON PLAN							
<b>DEPARTMENT: ELECTRONICS &amp; COMMUNICATION ENGINEERING</b> Name of the Faculty: <b>VENKATA MARUTI PRASAD S</b> Class: <b>1-2 ECE-B</b> Subject: <b>ENGINEERING CHEMISTRY</b>							
Period		Date (Tentative)	Topic	Unit	Teaching Methodology	Remarks	Corrective action upon Review
1	4	8-Jan-2018	Introduction – Definitions of Polymer - Polymerization	I	CR		
2	4	10-Jan-2018	Functionality, Degree of polymerization	I	CR		
3	2	11-Jan-2018	Types of polymerizations (addition and condensation polymerizations)	I	CR		
4	3	11-Jan-2018	condensation polymerizations	I	CR		
13-01-2018 to 17-01-2018			PONGAL HOLIDAYS	I			
5	2	18-Jan-2018	Plastics – Definition and properties	I	CR		
6	3	18-Jan-2018	Thermoplastics	I	CR		
7	1	20-Jan-2018	Thermosetting Plastics	I	CR		
8	4	22-Jan-2018	Compounding of Plastics	I	CR		
9	4	24-Jan-2018	Moulding of plastics into Articles (Compression, Injection)	I	CR & PPT		
10	2	25-Jan-2018	transfer and extrusion moulding methods	I	CR & PPT		
11	3	25-Jan-2018	Classification of cements	I	CR		
26/Jan/2018			REPUBLIC DAY	I			
12	1	27-Jan-2018	Manufacture of Portland cement	I	CR		
13	4	29-Jan-2018	Raw Materials - Chemical composition of Portland cement	I	CR		
14	4	31-Jan-2018	Setting and Hardening of Portland Cement	I	CR		
15	2	1-Feb-2018	Hardness of Water	II	CR		
16	3	1-Feb-2018	Temporary and Permanent Hardness	II	CR		
17	1	3-Feb-2018	Units and Inter Conversions of Units	II	CR		
18	4	5-Feb-2018	Estimation of Hardness by EDTA Methods	II	CR		
19	4	7-Feb-2018	Treatment of Water for Domestic Purposes - Sedimentation – Coagulation	II	CR		

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20	2	8-Feb-2018	Filtration - Disinfection – Sterilization	II	CR		
21	3	8-Feb-2018	Chlorination - Break Point chlorination – Ozonisation	II	CR		
10/Feb/2018			SECOND SATURDAY	II			
22	4	12-Feb-2018	Industrial Water Treatments: Desalination	II	CR		
23	4	14-Feb-2018	Electro Dialysis	II	CR		
24	2	15-Feb-2018	Reverse Osmosis	II	CR		
25	3	15-Feb-2018	Lime-Soda Process	II	CR		
26	1	17-Feb-2018	Lime-Soda Process	II	CR		
27	4	19-Feb-2018	Zeolite Process	II	CR		
28	4	21-Feb-2018	Ion-Exchange Process	II	CR		
29	2	22-Feb-2018	Definition, Causes and Effects of Corrosion	III	CR		
30	3	22-Feb-2018	Definition, Causes and Effects of Corrosion	III	CR		
31	1	24-Feb-2018	Theories of Corrosion (Chemical and Electrochemical Corrosion)	III	CR		
32	4	26-Feb-2018	Theories of Corrosion (Chemical and Electrochemical Corrosion)	III	CR		
33	4	28-Feb-2018	Mechanism of Electrochemical Corrosion (Oxygen Absorption Type)	III	CR		
34	2	1-Mar-2018	Mechanism of Electrochemical Corrosion (Oxygen Absorption Type)	III	CR		
35	3	1-Mar-2018	Mechanism of Electrochemical Corrosion (Hydrogen Evolution Type)	III	CR		
36	1	3-Mar-2018	Mechanism of Electrochemical Corrosion (Hydrogen Evolution Type)	III	CR		
5/Mar/2018			MID-1 EXAMINATIONS	III			
7/Mar/2018			MID-1 EXAMINATIONS	III			
8/Mar/2018			MID-1 EXAMINATIONS	III			
8/Mar/2018			MID-1 EXAMINATIONS	III			
10/Mar/2018			MID-1 EXAMINATIONS	III			
37	4	12-Mar-2018	Types of Corrosion - Galvanic Corrosion, Differential Aeration Corrosion	III	CR		

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38	4	14-Mar-2018	Water Line Corrosion - Pitting Corrosion and Stress corrosion	III	CR		
39	2	15-Mar-2018	Galvanic Series	III	CR		
40	3	15-Mar-2018	Factors affecting Rate of Corrosion	III	CR		
41	1	17-Mar-2018	Controlling of Corrosion: Proper Designing - Modifying the Environment	III	CR		
42	4	19-Mar-2018	Sacrificial Anodic and Impressed Current cathodic protection	III	CR & PPT		
43	4	21-Mar-2018	Classification of Crude Oil	IV	CR		
44	2	22-Mar-2018	Fractional Distillation of Petroleum	IV	CR		
45	3	22-Mar-2018	Manufacturing Of Synthetic Petrol (Fischer-Tropsch)	IV	CR		
46	1	24-Mar-2018	Manufacturing Of Synthetic Petrol (Bergius Process)	IV	CR		
47	4	26-Mar-2018	Knocking –Anti Knocking Agents	IV	CR		
48	4	28-Mar-2018	Octane & Cetane Number	IV	CR		
49	2	29-Mar-2018	Definition and functions of lubricants	IV	CR		
50	3	29-Mar-2018	classification of lubricants	IV	CR		
51	1	31-Mar-2018	mechanism of lubrication – Thick film	IV	CR		
52	4	2-Apr-2018	mechanism of lubrication – Thin film	IV	CR		
53	4	4-Apr-2018	mechanism of lubrication – Extreme pressure	IV	CR		
54	2	5-Apr-2018	properties of lubricants - Viscosity, flash and fire points	IV	CR		
55	3	5-Apr-2018	cloud and pour points, aniline point	IV	CR		
56	1	7-Apr-2018	neutralization number and mechanical strength.	IV	CR		
57	4	9-Apr-2018	Single electrode potential	V	CR		
58	4	11-Jan-2018	Faraday Laws	V	CR		
59	2	12-Apr-2018	electro chemical series	V	CR		
60	3	12-Apr-2018	Nernst Equation	V	CR		
14/Apr/2018			Dr.B.R.AMBEDKAR JAYANTHI	V			

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61	4	16-Apr-2018	reference electrodes – calomel electrode	V	CR		
62	4	18-Apr-2018	reference electrodes – SHE	V	CR		
63	2	19-Apr-2018	Green house concept	V	CR & PPT		
64	3	19-Apr-2018	harnessing of solar energy	V	CR & PPT		
65	1	21-Apr-2018	Photovoltaic cells	V	CR & PPT		
66	4	23-Apr-2018	concentrated power plants – parabolic trough	V	CR & PPT		
67	4	25-Apr-2018	concentrated power plants – Solar dish	V	CR & PPT		
68	2	26-Apr-2018	concentrated power plants – Solar tower	V	CR & PPT		
69	3	26-Apr-2018	Revision Class	V	CR		
70	1	28-Apr-2018	Revision Class	V	CR		
30-04-2018 to 05-05-2018			MID-2 EXAMINATIONS				