

Subject Chemistry (Code) TH-2b Name of faculty Susanta Mandal

Semester 1st Class allotted 58/60 Branch Civil & Electrical & Meta

Lesson Plan

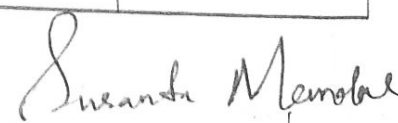
Discipline	Semester	From date:	To date:	Teaching Aid
Subject:	No. of days/ per week	Theory/ Practical - Topics/Lesson		
Week	Date/Period			
1	25-10-22	Fundamental particles (electron, proton, and neutron) Dalton's theory		White board and Marker
	to	Rutherford's atomic model and failure atomic mass		
	29-10-22	and mass numbers, Bohr's Atomic Scheme		
2	31-10-22	Atomic Number up to 30 elements Isotope, Isobar, Isomer		"
	to	Isotone properties with examples		
	5-11-22	Bohr's atomic Model		
3	7-11-22	Failure's of Bohr's Atomic model Aufbau's principle		"
	to	Hund's Rule		
	12-11-22	electronic configuration up to 30 chemical Bonding		
4	14-11-22	Electrovalent, Covalent and Co-ordinate bond. with examples		"
	to	of (NaCl, MgCl <sub>2</sub> , Cl <sub>2</sub> , O <sub>2</sub> ) NH <sub>3</sub> , NH <sub>4</sub> <sup>+</sup> , CO <sub>2</sub>		
	19-11-22	Acid Base theory Arrhenius Bronsted Lowry		
5	21-11-22	Lewis theory with examples		"
	to	Neutralization of Acid and Base Determination of Salt		
	26-11-22	(Normal, Acidic basic double Complex and mixed salt.		
6	28-11-22	Solution determination with atomic weight and molecular weight.		"
	to			
7	3-12-22	Equivalent weight Acid, Base Salt Modes of expression of		"
	5-12-22	Concentration Molarity, Normality, molality with examples		
	10-12-22	Importance of pH in Industry Sugar industry, Textile Industry		

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Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aids
8	12-12-22	Sugar industry, Fertilizers	White board and Marker
	to	Industry paper industry Electrochemistry (definition) and types (strong and weak) of electrolytes with examples	
9	15-12-22	of Nuclei Course and aq. sol?	"
	to	Faradays 1st Law and 2nd Law of electrolysis of electrolytes	
10	24-12-22	Electroplating (Zinc) Corrosion	"
	02-01-23	Protection from Corrosion	
11	to	Alloying and Galvanization Metallurgy	"
	07-01-23	Alloys	
12	09-01-23	"	"
	to	"	
13	13-01-23	Organic Chemistry	"
	to	"	
14	16-01-23	"	"
	to	Water Treatment	
15	21-01-23	"	"
	to	"	
16	23-01-23	Lubricants	"
	to	"	
17	28-01-23	"	"
	to	Fuel	
18	30-01-23	"	"
	to	Polymers	
19	04-02-23	"	"
	to	Chemical in Agriculture	
20	06-02-23	"	"
	to	"	
21	07-02-23	"	"
	to	"	

  
 12/09/22  
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