

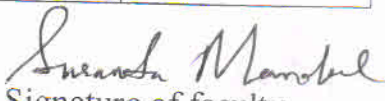
Lesson Plan

Subject Chemistry (Code) TH-26 Name of faculty Susanta Mandal

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

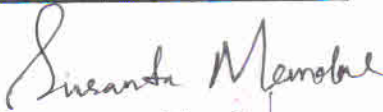
Discipline	Semester	From date:	To date:	Teaching Aid
Subject:	No. of days/ per week	Theory/ Practical - Topics/Lesson		
Week	Date/Period			
1	25-10-22	Fundamental particles (electron, proton and neutron) Dalton's theory		White board and Marker
	to	Rutherford's atomic model and failure atomic mass and mass numbers, Bohr's Atomic Scheme		
	29-10-22			
2	31-10-22	Atomic Number up to 30		"
	to	elements Isotope, Isobars, Isomers, Isotone properties with examples		
	5-11-22	Bohr's atomic Model		
3	7-11-22	Failure 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 ₂ , Cl ₂ , O ₂) NH ₃ , NH ₄ ⁺ , SO ₂		
	19-11-22	Acid Base theory		
5	21-11-22	Arrhenius Bronsted Lowry 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			
	3-12-22	Equivalent weight Acid, Base salt Molar expression of		
7	5-12-22	Concentration Molarity, Normality, molality with examples		"
	to			
	10-12-22	Importance of pH in Industry Sugar industry, textile Industry		

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Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aid
8	12-12-22	Sugar industry, Fertilis	White board and Marker
	to	Industry paper industry	
	15-12-22	Electrochemistry (definition) and types (strong and weak) of electrolytes with examples	
9	19-12-22	of Nuclei Concept and aq. sol ⁿ	"
	to	Faradays 1st Law and 2nd Law of electrolysis of electrolytes	
	24-12-22	Electroplating (Zinc) Corrosion	
10	02-01-23	protection from Corrosion	"
	to	Alloying and Galvanization	
	07-01-23	metallurgy Alloys	
11	09-01-23	"	"
	to	Organic chemistry	
	13-01-23	"	
12	16-01-23	"	"
	to	Water treatment	
	21-01-23	"	
13	23-01-23	Lubricants	"
	to	"	
	28-01-23	fuel	
14	30-01-23	polymers	"
	to	"	
	04-02-23	Chemical in Agriculture	
15	06-02-23		"
	to		
	07-02-23		


 12/09/22
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