

## Lesson Plan

Subject Chemistry (Code) TH-2 Name of faculty Susanta Mandal  
 Semester 2<sup>nd</sup> Class allotted 60 Branch Mechanical

Discipline	Semester	From date:	To date:	Teaching Aid
Subject:	No. of days/ per week	Theory/ Practical - Topics/Lesson		
Week	Date/Period	Fundamental particles (electron, Proton and neutron). Dalton's theory further		
1	20/03/23	boned's atomic Model and failure		
	to	Atomic Mass and mass number.		
	25/03/23	Bohr's Bury Scheme		
2	27/03/23	Atomic Number up to 30 elements		
	to	Isotopes, Isobars, Isomer, Isotone properties with examples.		
	31/03/23	Bohr's atomic Model failures		
3	03/04/23	of Bohr's Atomic Model Auth-		
	to	Bau's Principle.		
	08/04/23	Hurd's Rule		
4	10/04/23	Electronic Configuration up to		
	to	30.		
	15/04/23	chemical Bonding		
5	17/04/23	Electrovalent, Covalent and		
	to	Coordinate with Examples of		
	22/04/23	(NaCl, MgCl <sub>2</sub> , H <sub>2</sub> O <sub>2</sub> , NH <sub>3</sub> , NH <sub>4</sub> <sup>+</sup> , SO <sub>2</sub> )		
6	24/04/23	Acid, Base theory, Arrhenius's,		
	to	Bronsted's <sup>Lowry</sup> theory,		
	29/04/23	Lewis theory with Examples		
7	1-05/23	limitations of these theories		
	to	Neutralization of Acid and Base		
	06/05/23	Dehydration of salts.		
8	24/04/23	(Normal, Acidic, basic, double		
	to	basic, double, Complex and mixed		
	29/04/23	Salt Solution determination with		
9	1-05/23	atomic weight. Equivalent weight		
	to	of Acid, Base, Salt modes of expressing		
	06/05/23	Concentration molarity with		
10	1-05/23	Examples pH of Solution determination		
	to	with numericals. Importance		
	06/05/23	of pH		



Signature of HOD



Signature of faculty

Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching A
8	08/05/23	Industry Sugar industry Pesticide	
	to	Paper industry Electrochemistry	
	15/05/23	(definition) and Types (Standard & Weak) of electrolytes with examples & Nall used and Eq. Sol <sup>n</sup> )	
9	15/05/23	Faraday's 1st law and 2nd	
	to	Law of electrolysis with numerical.	
	20/05/23	Industrial application of electrolysis Electroplating (Zinc) Corrosion Protection from corrosion	
10	22/05/23	Alloying and Galvanization	
	to	Metallurgy	
	27/05/23	Alloys	
11	29/05/23	Organic Chemistry	
	to	"	
	03/06/23	"	
12	05/06/23	Water treatment	
	to	"	
	10/06/23	Lubricants	
13	12/06/23	Fuel	
	to	"	
	17/06/23	"	
14	19/06/23	"	
	to	Polymer	
	24/06/23	"	
15	26/06/23	"	
	to	Chemical in Agriculture	
	27/06/23	"	



Signature of HOD



Signature of faculty