

Teaching Aid Board

Lesson Plan

Subject Chemistry (Code) 77-2 Name of faculty Susanta Mandal
 Semester 2nd 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			
1	20/03/23	Fundamental particles (electron, proton and neutron). Dalton's theory		White board
	to	Rutherford's atomic Model and failure		Marker
	25/03/23	Atomic Mass and mass number.		
		Bohr's Bury Scheme		
2	27/03/23	Atomic Number up to 30 elements		White board
	to	Isotopes, Isobars, Isomers, Isotone properties with examples.		Marker
	31/03/23	Bohr's atomic Model failures of Bohr's Atomic Model		Auth-
3	03/04/23	Bor's Principle.		
	to	Hurd's Rule		
	08/04/23	Electronic Configuration up to 30.		White board
4	10/04/23	Chemical Bonding		Marker
	to	Electrovalent, Covalent and coordinate with Examples of (NaCl, MgCl ₂ , H ₂ O ₂ , NH ₃ , NH ₄ ⁺ , SO ₂)		Whiteboard
	15/04/23	Acid, Base theory, Arrhenius, Bronsted-Lowry theory,		Marker
5	17/04/23	Lewis theory with Examples		Whiteboard
	to	limitations of these theories		Marker
	22/04/23	Neutralization of Acid and Base		
6	24/04/23	Dehydration of salts.		
	to	(Normal, Acidic, basic, double basic, double, Complex and mixed)		White board
	29/04/23	Salt solution determination with atomic weight. Equivalent weight of Acid, Base, salt modes of expressing		Marker
7	1-05/23	Concentration molarity		
	to	Examples pH of Solution determination with numericals. Importance of pH		Whiteboard
	06/05/23			Marker

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Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aids
8		Industry Sugar industry textile	
	08/05/23	Paper industry Electrochemistry	
	15/05/23	(decoration) and Types (Strong and Weak) of electrolytes with examples & Nail test and Eq. 50 ^o)	White board & Marker
9		Faraday's 1 st law and 2 nd	
	15/05/23	Law of electrolysis with numerical.	Whiteboard
	20/05/23	Industrial application of electrolysis Electroplating (Zinc) Corrosion protection from corrosion	Marker
10		Alloying and Galvanization	
	22/05/23		Whiteboard
	27/05/23	Metallurgy Alloys	Marker
11		"	
	29/05/23	Organic Chemistry	Whiteboard
	03/06/23	"	Marker
12		Water Treatment	
	05/06/23	"	Whiteboard
	10/06/23	Lubricants	Marker
13		"	
	12/06/23	Fuel	Whiteboard
	17/06/23	"	Marker
14		"	
	19/06/23	"	Whiteboard
	24/06/23	Polymers	Marker
15		"	
	26/06/23	Chemical in Agriculture	Whiteboard
	27/06/23	"	Marker



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