

Lesson Plan

WEEK	CLASS DAY	PRACTICAL EXPERIMENTS
Discipline: Civil Engg. / Mechanical Engg.	Semester: Second (2 nd)	Name of the Faculty: Mr Rashmi Ranjan Guin / Mr Durga Prasanna Pattanaik
Subject: Engg. Chem. Lab.	No. of days/week class allotted: Three (3)	Semester from Date: 29.01.2024 to Date : 14.05.2024 No. of Weeks: 15
1st	1 st 2 nd 3 rd	To prepare Carbon dioxide (CO ₂) gas and study its Physical and Chemical properties . Review Class
2nd	1 st 2 nd 3 rd	To prepare Ammonia (NH ₃) gas and study its Physical and Chemical properties Review Class
3rd	1 st 2 nd 3 rd	To prepare Copper Sulphate (CuSO ₄) crystals from Copper carbonate. Review Class
4th	1 st 2 nd 3 rd	Determination of the strength of supplied Acid using standard Alkali.(Acidimetry) Review Class
5th	1 st 2 nd 3 rd	Determination of the strength of supplied Alkali using standard Acid.(Alkalimetry) Review Class
6th	1 st 2 nd 3 rd	Test for Acid radicals (known) . Review Class
7th	1 st 2 nd 3 rd	Test for Base radicals (known) . Review Class
8th	1 st 2 nd 3 rd	Test for Unknown Acid radicals . Review Class
9th	1 st 2 nd 3 rd	Test for Unknown Basic radicals . Review Class
10th	1 st 2 nd 3 rd	Identification of Unknown Salt Review Class

11 th	1 st	Mock Practical Examination - 01
	2 nd	
	3 rd	
12 th	1 st	Mock Practical Examination - 02
	2 nd	
	3 rd	
13 th	1 st	Chemistry Project -01
	2 nd	Exothermic and Endothermic Reaction
	3 rd	Review Class
14 th	1 st	Chemistry Project -02
	2 nd	Colourful Fire
	3 rd	Review Class
15 th	1 st	Chemistry Project -03
	2 nd	Dropping of Blood without Cutting
	3 rd	Review Class