

LESSON PLAN

Discipline: Elect. Engg, Comp. Sc. & Engg & E&T C Engg.	Semester: First (1 st)	Name of the Faculty: Mr Rashmi Ranjan Guin/ Mr Durga Prasanna Patnaik
Subject: Engg. Chemistry Lab	No. of days/week class allotted: Three (3)	Semester from Date: 25.10.2022 to Date : 31.01.2023 No. of Weeks: 15
WEEK	CLASS DAY	PRACTICAL EXPERIMENTS
1 st	1 st	To prepare Carbon dioxide (CO ₂) gas and study its Physical and Chemical properties .
	2 nd	
	3 rd	Review Class
2 nd	1 st	To prepare Ammonia (NH ₃) gas and study its Physical and Chemical properties
	2 nd	
	3 rd	Review Class
3 rd	1 st	To prepare Copper Sulphate (CuSO ₄) crystals from Copper carbonate.
	2 nd	
	3 rd	Review Class
4 th	1 st	Determination of the strength of supplied Alkali using standard Acid.
	2 nd	
	3 rd	Review Class
5 th	1 st	Determination of the strength of supplied Acid using standard Alkali.
	2 nd	
	3 rd	Review Class
6 th	1 st	Test for Acid radicals (known) .
	2 nd	
	3 rd	Review Class
7 th	1 st	Test for Base radicals (known) .
	2 nd	
	3 rd	Review Class
8 th	1 st	Test for Unknown Acid radicals .
	2 nd	
	3 rd	Review Class
9 th	1 st	Test for Unknown Basic radicals .
	2 nd	
	3 rd	Review Class
10 th	1 st	Identification of Unknown Salt
	2 nd	
	3 rd	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	Bloodshed without Cutting
	3 rd	Review Class