

LESSON PLAN : ENGINEERING CHEMISTRY LAB

Discipline : ELECTRICAL ENGG.	Semester : 1ST	Name of the Teaching Faculty: TUSHAR RANJAN MOHANTA & SWATILEENA SATPATHY
Subject: ENGG. CHEMISTRY LAB	No. of days/per week class allotted: 04	Semester From Date: 25.10.2022 To Date: 31.01.2023 No. of Weeks: 15
Week	Class Day	Practical
1 ST	1 ST	Introduction to Chemistry Lab, Safety Rules & Precautions
	2 ND	Preparation and study of physical and chemical properties of CO ₂ gas - Theory & Procedure discussion
	3 RD	Demo Practical
	4 TH	Practical
2 ND	1 ST	Practical
	2 ND	Record checking
	3 RD	Preparation and study of physical and chemical properties of NH ₃ gas - Theory & Procedure discussion
	4 TH	Demo Practical
3 RD	1 ST	Practical
	2 ND	Practical
	3 RD	Practical. doubt clearing
	4 TH	Record checking
4 TH	1 ST	Crystallization of Copper sulphate from copper carbonate - Theory & Procedure discussion
	2 ND	Demo Practical
	3 RD	Practical
	4 TH	Practical
5 TH	1 ST	Practical
	2 ND	Record checking
	3 RD	Simple acid base titration – Theory & terminologies
	4 TH	Acidimetry – Theory, Procedure discussion & Demo Practical
6 TH	1 ST	Practical
	2 ND	Practical
	3 RD	Record checking
	4 TH	Record checking & doubt clearing
7 TH	1 ST	Alkalimetry - Theory, Procedure discussion & Demo Practical
	2 ND	Practical
	3 RD	Practical
	4 TH	Record checking
8 TH	1 ST	INTERNAL EXAMINATION
	2 ND	INTERNAL EXAMINATION
	3 RD	Record checking & doubt clearing
	4 TH	Radicals :- Acid & Base, Salt Analysis(Theory)
9 TH	1 ST	Test of known acid radicals : Procedure discussion & demo
	2 ND	Test for carbonate, sulphate (Practical)

