

Discipline : CIVIL ENGG.	Semester : 2nd	Name of the Teaching Faculty: SUBASH SAGARIA
Subject: ENGG. CHEMISTRY LAB	No. of days/per week class allotted: 04	Semester from date 29-01-2024 to 14-05-2024 No. of Weeks: 15
Week	Class Day	Practical
1 ST	1 ST	Introduction
	2 ND	Preparation and study of physical and chemical properties of CO ₂ gas- introduction
	3 RD	Theory
	4 TH	Practical
2 ND	1 ST	Practical
	2 ND	Record checking
	3 RD	Introduction – Preparation and study of physical and chemical properties of NH ₃ gas
	4 TH	Theory
3 RD	1 ST	Practical
	2 ND	Practical
	3 RD	Practical, doubt clearing
	4 TH	Record checking
4 TH	1 ST	Introduction- Crystallization of Copper sulphate from copper carbonate.
	2 ND	Theory
	3 RD	Practical
	4 TH	Practical
5 TH	1 ST	Practical
	2 ND	Record checking.
	3 RD	Introduction – Simple acid base titration.
	4 TH	Theory
6 TH	1 ST	Theory – Acidimetry
	2 ND	Theory – Acidimetry
	3 RD	Practical
	4 TH	Practical
7 TH	1 ST	Record checking
	2 ND	doubt clearing
	3 RD	Theory – Alkalimetry
	4 TH	Theory – Alkalimetry
8 TH	1 ST	Practical
	2 ND	Practical
	3 RD	Record checking
	4 TH	doubt clearing
9 TH	1 ST	Introduction- test for acid radicals
	2 ND	Introduction- test for acid radicals

	3 RD	Test for carbonate, sulphate
	4 TH	Test for chloride, nitrate
10 TH	1 ST	Test for sulphate
	2 ND	doubt clear
	3 RD	. Record checking
	4 TH	Record checking
11 TH	1 ST	Introduction – test for basic radicals
	2 ND	Introduction – test for basic radicals
	3 RD	Test for ammonium ,zinc,
	4 TH	Test for magnesium, aluminium
12 TH	1 ST	Test for calcium, sodium, potassium
	2 ND	Doubt clear
	3 RD	Record checking
	4 TH	Record checking
13 TH	1 ST	Introduction- test for unknown acid radicals
	2 ND	practical
	3 RD	practical
	4 TH	Practical, record checking
14 TH	1 ST	Introduction- test for unknown basic radicals
	2 ND	practical
	3 RD	practical
	4 TH	Practical, record checking
15 TH	1 ST	Introduction- test for unknown salts
	2 ND	practical
	3 RD	practical
	4 TH	Practical, record checking