

## LESSON PLAN FOR ENGINEERING CHEMISTRY PRACTICAL

Discipline: ELECTRICAL	Semester: 2ND	Name of the Teaching Faculty: SASHMITA NAYAK (Lect.)	
Subject: ENGG. CHEMISTRY PRACTICAL	No. of days per week class allotted: 4	Semester From Date : 14/03/2022 to Date : 18/06/2022 No. of Weeks: 14	
Week	Class Day		Range
1st	1st	Introduction to chemistry lab, about safety measures, about maintenance of practical records.	14/03/2022 to
	2nd	Introduction to the students about use of different lab equipments and how to handle them safely	20/03/2022
2nd	1st	Exp. 1, preparation and study of properties of CO <sub>2</sub> gas, explanation of theory with equations.	21/03/2022 to
	2nd	Checking of rough practical record and demonstration of the experiment.	27/03/2022 to
3rd	1st	Expt. Conducted by the students.	28/03/2022 to
	2nd	Correction of practical records, discussion of viva questions of the expt.	03/04/2022
4th	1st	Exp. 2. Preparation and study of properties of ammonia gas. Explanation Of Theory With Equations.	04/04/2022 to
	2nd	Checking of rough practical record and demonstration of the experiment.	10/04/2022
5th	1st	Expt. Conducted by the Students	11/04/2022 to
	2nd	Checking of practical records and discussion of viva questions of expt. 2.	17/04/2022
6th	1st	Exp. 3. Crystalization of CuSO <sub>4</sub> . Explanation Of Theory With Equations.	18/04/2022 to
	2nd	Checking of rough practical record and demonstration of the experiment.	24/04/2022
7th	1st	Expt. Conducted by the Students	25/04/2022 to
	2nd	Checking of practical records and discussion of viva questions of expt. 3.	01/05/2022
8th	1st	Exp. 4. Acid Base Titration. Explanation Of Theory With equations.	02/05/2022 to
	2nd	Checking of rough practical record and demonstration of the experiment.	08/05/2022
9th	1st	Expt. Conducted by the Students Acidimetry.	09/05/2022
	2nd	Expt. Conducted by the Students Alkalimetry	to

			15/05/2022
10th	1st	Checking of practical records and discussion of viva questions of expt. 4.	16/05/2022
	2nd	Exp. 5. Test of acid radicals. Discussion regarding Basic ideas of acid and basic radicals, aim and basic steps of the test.	to 22/05/2022
11th	1st	Checking of rough practical record and demonstration of the experiment.	23/05/2022
	2nd	Expt. Conducted by the Students.	to 29/05/2022
12th	1st	Checking of practical records and discussion of viva questions of expt. 5.	30/05/2022
	2nd	Exp. 6. Test of basic radicals (known).	to 05/06/2022
13th	1st	Checking of rough practical record and demonstration of the experiment.	06/06/2022
	2nd	Expt. Conducted by the Students.	to 12/06/2022
14th	1st	Test of unknown acid and basic radicals. Test of unknown salt.	13/06/2022
	2nd	Checking of practical records and viva voice	to 18/06/2022