

LESSON PLAN FOR ENGINEERING CHEMISTRY PRACTICAL

Discipline: ELECTRICAL & MECHANICAL	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 : 28/04/2021	to Date : 10/07/2021
Week	Class Day		Range
1st	1st	Introduction to chemistry lab, about safety measures, about maintenance of practical records.	28/04/2021 to 02/05/2021
	2nd	Introduction to the students about use of different lab equipments and how to handle them safely	
2nd	1st	Exp. 1, preparation and study of properties of CO ₂ gas, explanation of theory with equations.	03/05/2021 to 09/05/2021
	2nd	Checking of rough practical record and demonstration of the experiment.Expt. Conducted by the students.	
3rd	1st	Correction of practical records, discussion of viva questions of the expt.	10/05/2021 to 16/05/2021
	2nd	Exp. 2. Preparation and study of properties of ammonia gas. Explanation Of Theory With Equations.	
4th	1st	Checking of rough practical record and demonstration of the experiment.Expt. Conducted by the Students	17/05/2021 to 23/05/2021
	2nd	Checking of practical records and discussion of viva questions of expt. 2.	
5th	1st	Exp. 3. Crystalization of CuSO ₄ . Explanation Of Theory With Equations.	24/05/2021 to 30/05/2021
	2nd	Checking of rough practical record and demonstration of the experiment.Expt. Conducted by the Students.Checking of practical records and discussion of viva questions of expt. 3.	
6th	1st	Exp. 4. Acid Base Titration. Explanation Of Theory With equations.	31/05/2021 to 06/06/2021
	2nd	Checking of rough practical record and demonstration of the experiment.	
7th	1st	Expt. Conducted by the Students Acidimetry.	07/06/2021 to 13/06/2021
	2nd	Expt. Conducted by the Students Alkalimetry	
8th	1st	Checking of practical records and discussion of viva questions of expt. 4.	14/06/2021 to 20/06/2021
	2nd	Exp. 5. Test of acid radicals. Discussion regarding Basic ideas of acid and basic radicals, aim and basic steps of the test.	
9th	1st	Checking of rough practical record and demonstration of the experiment.Expt. Conducted by the Students.	21/06/2021 to 27/06/2021
	2nd	Checking of practical records and discussion of viva questions of expt. 5.	
10th	1st	Exp. 6. Test of basic radicals (known).Checking of rough practical record and demonstration of the experiment.	28/06/2021 to 04/07/2021
	2nd	Expt. Conducted by the Students.Test of unknown acid and basic radicals	
11th	1st	.Test of unknown salt.	05/07/2021 to 10/07/2021
	2nd	Checking of practical records and viva voice	

