

## LAB SCHEDULE

**Name of the dept.** : ECE **class** : I-II, ECE-C  
**Lab name** : E.CHEM LAB **year** : 2017-18

### LIST OF EXPERIMENTS

1. Determination of Dissolved Oxygen present in the given water sample by Modern Winkler's Method.
2. Determination of Kinematic Viscosity of a given oil sample by using Viscometer.
3. Determination of acid number of given lubricating oil.
4. Determination of Strength of a strong acid by pH metric Method.
5. Conductometric determination of Strength of an Acid using strong base.
6. Conductometric determination of mixture of acids using strong base.
7. Determination of Total Hardness of water sample by using EDTA Method.
8. Colorimetric determination of Iron (III).
9. Potentiometric determination of Mohr's salt using  $K_2Cr_2O_7$ .
10. Determination of manganese dioxide in manganese ore (pyrolusite).

Sl. No	Date & Session	Ex.1	Ex.2	Ex.3	Ex.4	Ex.5	Ex.6	Ex.7	Ex.8	Ex.9	Ex.10
1	09-01-2018	B1,B6	B2,B7	B3,B8	B4,B9	B5,B10					
2	10-01-2018	B11,B16	B12,B17	B13,B18	B14,B19	B15,B20					
3	23-01-2018	B5,B10	B1,B6	B2,B7	B3,B8	B4,B9					
4	24-01-2018	B15,B20	B11,B16	B12,B17	B13,B18	B14,B19					
6	30-01-2018	B4,B9	B5,B10	B1,B6	B2,B7	B3,B8					
5	31-01-2018	B14,B19	B15,B20	B11,B16	B12,B17	B13,B18					
7	06-02-2018	B3,B8	B4,B9	B5,B10	B1,B6	B2,B7					
8	07-02-2018	B13,B18	B14,B19	B15,B20	B11,B16	B12,B17					
9	13-02-2018	B2,B7	B3,B8	B4,B9	B5,B10	B1,B6					
10	14-02-2018	B12,B17	B13,B18	B14,B19	B15,B20	B11,B16					
11	20-02-2018						B1,B6	B2,B7	B3,B8	B4,B9	B5,B10
12	21-02-2018						B11,B16	B12,B17	B13,B18	B14,B19	B15,B20
13	25-02-2018						B5,B10	B1,B6	B2,B7	B3,B8	B4,B9
14	28-02-2018						B15,B20	B11,B16	B12,B17	B13,B18	B14,B19
15	13-03-2018						B4,B9	B5,B10	B1,B6	B2,B7	B3,B8
16	14-03-2018						B14,B19	B15,B20	B11,B16	B12,B17	B13,B18
17	20-03-2018						B3,B8	B4,B9	B5,B10	B1,B6	B2,B7
18	21-03-2018						B13,B18	B14,B19	B15,B20	B11,B16	B12,B17
19	27-03-2018						B2,B7	B3,B8	B4,B9	B5,B10	B1,B6
20	28-03-2018						B12,B17	B13,B18	B14,B19	B15,B20	B11,B16
	03-04-2018	Review on experiments									
	04-04-2018						Review on experiments				
	10-04-2018	Review on experiments									
	11-04-2018						Review on experiments				
	17-04-2018	Internal Examination (B1 to B10)									
	18-04-2018	Internal Examination (B11 to B20)									
	24-04-2018	Experiment beyond the syllabus									
	25-04-2018	Experiment beyond the syllabus									

**Note: Session Indicates 3 (or) 4 Periods**

**B1 to B20 are batches and each batch contains 3 to 4 members**