

## LAB SCHEDULE (AR13)

Name of the dept. : ECE class : I – II, ECE-B

Lab name : ENGINEERING CHEMISTRY LAB year : 2013-14

### LIST OF EXPERIMENTS

1. Determination of acid number of given lubricating oil.
2. Determination of Kinematic Viscosity of a given oil sample by using Viscometer
3. Determination of Dissolved Oxygen present in the given water sample by Modern Winkler's Method.
4. Determination of Total Hardness of water sample by using EDTA Method.
5. Estimation of Viscosity of an Organic Solvent by using Ostwald Viscometer
6. Determination of Strength of a strong acid by pH metric Method.
7. Conduct metric determination of Strength of an Acid using strong base.
8. Determination of flash and fire point by Cleveland's apparatus.
9. Colorimetric determination of Iron (III).
10. Preparation of phenol-formaldehyde resin

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	19-08-15	B1,B6	B2,B7	B3,B8	B4,B9	B5,B10					
2	19-08-15	B11,B16	B12,B17	B13,B18	B14,B19	B15,B20					
3	26-08-15	B2,B7	B3,B8	B4,B9	B5,B10	B1,B6					
4	26-08-15	B12,B17	B13,B18	B14,B19	B15,B20	B11,B16					
5	30-08-15	B3,B8	B4,B9	B5,B10	B1,B6	B2,B7					
6	30-08-15	B13,B18	B14,B19	B15,B20	B11,B16	B12,B17					
7	02-09-15	B4,B9	B5,B10	B1,B6	B2,B7	B3,B8					
8	02-09-15	B14,B19	B15,B20	B11,B16	B12,B17	B13,B18					
9	16-09-15	B5,B10	B1,B6	B2,B7	B3,B8	B4,B9					
10	16-09-15	B15,B20	B11,B16	B12,B17	B13,B18	B14,B19					
11	23-09-15						B1,B6	B2,B7	B3,B8	B4,B9	B5,B10
12	23-09-15						B11,B16	B12,B17	B13,B18	B14,B19	B15,B20
13	30-09-15						B2,B7	B3,B8	B4,B9	B5,B10	B1,B6
14	30-09-15						B12,B17	B13,B18	B14,B19	B15,B20	B11,B16
15	07-10-15						B3,B8	B4,B9	B5,B10	B1,B6	B2,B7
16	07-10-15						B13,B18	B14,B19	B15,B20	B11,B16	B12,B17
17	14-10-15						B4,B9	B5,B10	B1,B6	B2,B7	B3,B8
18	14-10-15						B14,B19	B15,B20	B11,B16	B12,B17	B13,B18

19	28-10-15						B5,B10	B1,B6	B2,B7	B3,B8	B4,B9
20	28-10-15						B15,B20	B11,B16	B12,B17	B13,B18	B14,B19
21	18-11-15	EXAM									
22	18-11-15						B11-B20 internal exam				

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

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