

LAB SCHEDULE

Name of the dept. : ECE **class** : I-I, ECE-A

Lab name : E.CHEM LAB **year** : 2014-15

LIST OF EXPERIMENTS

- 1) Determine the Acid Value present in the given lubricating oil.
- 2) Determine the Kinematic Viscosity of a given oil sample by using Viscometer.
- 3) Estimate the amount of Dissolved Oxygen present in the given water sample by Modern Winkler's Method.
- 4) Determine the Total Hardness present in the given water sample by using EDTA Method.
- 5) Estimate the Viscosity of an Organic Solvent by using Ostwald Viscometer AND estimate the amount of Turbidity present in the given water sample by using Turbidity meter.
- 6) Prepare Phenol-Formaldehyde Resin and calculate its weight.
- 7) pH metric Titrations between Strong acid and Strong base.
- 8) Conductometric Titrations between Strong acid and strong base.
- 9) Colorimetric estimation of Iron (III).
- 10) Determine the Flash and Fire points of given Oil Sample.

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	06-10-2014 AN	B1,B2	B3,B4	B5,B6	B7,B8	B9,B10					
2	06-10-2014 AN	B11,B12	B13,B14	B15,B16	B17,B18	B19,B20					
3	20-10-2014 AN	B9,B10	B1,B2	B3,B4	B5,B6	B7,B8					
4	20-10-2014 AN	B19,B20	B11,B12	B13,B14	B15,B16	B17,B18					
5	27-10-2014 AN	B7,B8	B9,B10	B1,B2	B3,B4	B5,B6					
6	27-10-2014 AN	B17,B18	B19,B20	B11,B12	B13,B14	B15,B16					
7	03-11-2014 AN	B5,B6	B7,B8	B9,B10	B1,B2	B3,B4					
8	03-11-2014 AN	B15,B16	B17,B18	B19,B20	B11,B12	B13,B14					
9	17-11-2014 AN	B3,B4	B5,B6	B7,B8	B9,B10	B1,B2					
10	17-11-2014 AN	B13,B14	B15,B16	B17,B18	B19,B20	B11,B12					
11	30-11-2014 AN						B1,B2	B3,B4	B5,B6	B7,B8	B9,B10
12	30-11-2014 AN						B11,B12	B13,B14	B15,B16	B17,B18	B19,B20
13	01-12-2014 AN						B9,B10	B1,B2	B3,B4	B5,B6	B7,B8
14	01-12-2014 AN						B19,B20	B11,B12	B13,B14	B15,B16	B17,B18
15	08-12-2014 AN						B7,B8	B9,B10	B1,B2	B3,B4	B5,B6
16	08-12-2014 AN						B17,B18	B19,B20	B11,B12	B13,B14	B15,B16
17	22-12-2014 AN						B5,B6	B7,B8	B9,B10	B1,B2	B3,B4
18	22-12-2014 AN						B15,B16	B17,B18	B19,B20	B11,B12	B13,B14
19	29-12-2014 AN						B3,B4	B5,B6	B7,B8	B9,B10	B1,B2
20	29-12-2014 AN						B13,B14	B15,B16	B17,B18	B19,B20	B11,B12
21	05-01-2015 AN	B1-B10 Internal exam									
22	05-01-2015 AN						B11-B20 internal exam				

Note: Session Indicates 3 (or) 4 Periods

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