

## LAB SCHEDULE

Name of The Dept. : ECE  
Lab name : EC LAB

Class : I –II, ECE-A  
Year : 2017-18

### LIST OF EXPERIMENTS

1. Estimate the amount of dissolved oxygen present in the given water sample by modern Winkler's method.
2. Determine kinematic viscosity of given oil sample by using redwood viscometer.
3. Determine the acid number of given lubricating oil.
4. Determine the amount of acid present in given unknown sample by ph metric method.
5. Determine the amount of acid present in given unknown sample by conductometric method.
6. Determine the amount of mixture acids present in given unknown sample by conductometric method.
7. Determine the total hardness present in the given water sample by EDTA method.
8. Estimate the amount of iron (iii) present in given unknown sample by colorimetric method.
9. Determine the amount of mohr's salt present in given sample by potentiometric method.
10. Determine the amount of manganese dioxide present in given pyrolusite ore 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	24/01/18(F.N)	B1,B6	B2,B7	B3,B8	B4,B9	B5,B10					
2	31/01/18(F.N)	B11,B16	B12,B17	B13,B18	B14,B19	B15,B20					
3	07/02/18(F.N)	B5,B10	B1,B6	B2,B7	B3,B8	B4,B9					
4	14/02/18(F.N)	B15,B20	B11,B16	B12,B17	B13,B18	B14,B19					
5	21/02/18(F.N)	B4,B9	B5,B10	B1,B6	B2,B7	B3,B8					
6	28/02/18(F.N)	B14,B19	B15,B20	B11,B16	B12,B17	B13,B18					
7	14/03/18(F.N)	B3,B8	B4,B9	B5,B10	B1,B6	B2,B7					
8	21/03/18(F.N)	B13,B18	B14,B19	B15,B20	B11,B16	B12,B17					
9	28/03/18(F.N)	B2,B7	B3,B8	B4,B9	B5,B10	B1,B6					
10	04/04/18(F.N)	B12,B17	B13,B18	B14,B19	B15,B20	B11,B16					
11	18/01/18(A.N)						B1,B6	B2,B7	B3,B8	B4,B9	B5,B10
12	25/01/18(A.N)						B11,B16	B12,B17	B13,B18	B14,B19	B15,B20
13	01/02/18(A.N)						B5,B10	B1,B6	B2,B7	B3,B8	B4,B9
14	08/02/18(A.N)						B15,B20	B11,B16	B12,B17	B13,B18	B14,B19
15	15/02/18(A.N)						B4,B9	B5,B10	B1,B6	B2,B7	B3,B8
16	22/02/18(A.N)						B14,B19	B15,B20	B11,B16	B12,B17	B13,B18
17	01/03/18(A.N)						B3,B8	B4,B9	B5,B10	B1,B6	B2,B7
18	15/03/18(A.N)						B13,B18	B14,B19	B15,B20	B11,B16	B12,B17
19	22/03/18(A.N)						B2,B7	B3,B8	B4,B9	B5,B10	B1,B6
20	29/03/18(A.N)						B12,B17	B13,B18	B14,B19	B15,B20	B11,B16
	11/04/18(F.N)	Review on experiments									
	12/04/18(A.N)						Review on experiments				
	18/04/18(F.N)	Internal Examination									
	19/04/18(A.N)						Internal Examination				
	25/04/18(F.N)	Experiment beyond the syllabus									
	26/04/18 A.N)						Experiment beyond the syllabus				

Note: Session(F.N) Indicates 3 (or) 4 Periods

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