**LAB SCHEDULE**

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

**Lab name : ELECTRONIC WORKSHOP year : 2013-14**

**LIST OF EXPERIMENTS**

1. Identification, specifications and testing of R, L, C Components (Colour Codes), potentiometers, gang condensers.
2. Identification, specifications and testing of switches (SPDT, DPDT, and DIP).
3. Study and working of relays and bread boards.
4. Study and working of microphones and loud speakers.
5. Soldering practice – simple circuits using active and passive components.
6. Single layer and multi layer PCBs (Identification and Utility).
7. Study and operation of volt and ammeters.
8. Study and operation of multimeters (Analog and Digital)
9. Study and operation of function generators.
10. Study and operation of regulated power supplies.
11. Study and operation of cathode ray oscilloscope (CRO).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Date & Session | | Ex.1 | | Ex.2 | Ex.3 | | Ex.4 | | Ex.5 | Ex.6 | | Ex.7 | | Ex.8 | Ex.9 | | Ex.10 | | Ex.11 |
| 1 | 22-10-13 (F.N) | | B1-B10 | |  |  | |  | |  |  | |  | |  |  | |  | |  |
| 2 | 25-10-13 (A.N) | | B11-B20 | |  |  | |  | |  |  | |  | |  |  | |  | |  |
| 3 | 29-10-13 (F.N) | |  | | B1,B6 | B2,B7 | | B3,B8 | | B4,B9 | B5,B10 | |  | |  |  | |  | |  |
| 4 | 01-11-13 (A.N) | |  | | B11,B16 | B12,B17 | | B13,B18 | | B14,B19 | B15,B20 | |  | |  |  | |  | |  |
| 5 | 05-11-13 (F.N) | |  | | B2,B7 | B3,B8 | | B4,B9 | | B5,B10 | B1,B6 | |  | |  |  | |  | |  |
| 6 | 08-11-13 (A.N) | |  | | B12,B17 | B13,B18 | | B14,B19 | | B15,B20 | B11,B16 | |  | |  |  | |  | |  |
| 7 | 19-11-13 (F.N) | |  | | B3,B8 | B4,B9 | | B5,B10 | | B1,B6 | B2,B7 | |  | |  |  | |  | |  |
| 8 | 22-11-13 (A.N) | |  | | B13,B18 | B14,B19 | | B15,B20 | | B11,B16 | B12,B17 | |  | |  |  | |  | |  |
| 9 | 26-11-13 (F.N) | |  | | B4,B9 | B5,B10 | | B1,B6 | | B2,B7 | B3,B8 | |  | |  |  | |  | |  |
| 10 | 29-11-13 (A.N) | |  | | B14,B19 | B15,B20 | | B11,B16 | | B12,B17 | B13,B18 | |  | |  |  | |  | |  |
| 11 | 03-12-13 (F.N) | |  | | B5,B10 | B1,B6 | | B2,B7 | | B3,B8 | B4,B9 | |  | |  |  | |  | |  |
| 12 | 08-12-13 (A.N) | |  | | B15,B20 | B11,B16 | | B12,B17 | | B13,B18 | B14,B19 | |  | |  |  | |  | |  |
| 13 | 10-12-13 (F.N) | |  | |  |  | |  | |  |  | | B1,B6 | | B2,B7 | B3,B8 | | B4,B9 | | B5,B10 |
| 14 | 15-12-13 (A.N) | |  | |  |  | |  | |  |  | | B11,B16 | | B12,B17 | B13,B18 | | B14,B19 | | B15,B20 |
| 15 | 17-12-13 (F.N) | |  | |  |  | |  | |  |  | | B2,B7 | | B3,B8 | B4,B9 | | B5,B10 | | B1,B6 |
| 16 | 22-12-13 (A.N) | |  | |  |  | |  | |  |  | | B12,B17 | | B13,B18 | B14,B19 | | B15,B20 | | B11,B16 |
| 17 | 24-12-13 (F.N) | |  | |  |  | |  | |  |  | | B3,B8 | | B4,B9 | B5,B10 | | B1,B6 | | B2,B7 |
| 18 | 29-12-13 (A.N) | |  | |  |  | |  | |  |  | | B13,B18 | | B14,B19 | B15,B20 | | B11,B16 | | B12,B17 |
| 19 | 07-01-14 (F.N) | |  | |  |  | |  | |  |  | | B4,B9 | | B5,B10 | B1,B6 | | B2,B7 | | B3,B8 |
| 20 | 05-01-14 (A.N) | |  | |  |  | |  | |  |  | | B14,B19 | | B15,B20 | B11,B16 | | B12,B17 | | B13,B18 |
| 21 | 21-01-14 (F.N) | |  | |  |  | |  | |  |  | | B5,B10 | | B1,B6 | B2,B7 | | B3,B8 | | B4,B9 |
| 22 | 17-01-14 (A.N) | |  | |  |  | |  | |  |  | | B15,B20 | | B11,B16 | B12,B17 | | B13,B18 | | B14,B19 |
| 23 | | 24-01-14 (F.N) | | B1-B10 Internal exam | | |  | |  | | |  | |  | | |  | |  | |
| 24 | | 28-01-14 (A.N) | |  | | |  | |  | | |  | |  | | | B11-B20 internal exam | |  | |

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

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