**LAB SCHEDULE**

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

**Lab name : ED LAB year : 2017-18**

**LIST OF EXPERIMENTS**

**1. Measurement of voltage, current and frequency using cathode ray oscilloscope (CRO).**

**2. PN Junction diode forward and reverse bias characteristics.**

**3. Zener diode characteristics.**

**4. Transistor CB characteristics (Input and Output).**

**5. Transistor CE characteristics (Input and Output).**

**6. Transistor CC characteristics (Input and Output).**

**7. JFET characteristics. (Drain & transfer)**

**8.SCR characteristics**

**9.UJT characteristics**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Date & Session | Part A | Ex.1 | Ex.2 | Ex.3 | Ex.4 | Ex.5 | Ex.6 | Ex.7 | Ex.8 | Ex.9 |
| 1 | 10.1.18 | B1-B10 |  |  |  |  |  |  |  |  |  |
| 2 | 12.1.18 | B11-B20 |  |  |  |  |  |  |  |  |  |
| 3 | 19.1.18 | B1-B10 |  |  |  |  |  |  |  |  |  |
| 4 | 24.1.18 | B11-B20 |  |  |  |  |  |  |  |  |  |
| 5 | 31.1.18 | B1-B10 |  |  |  |  |  |  |  |  |  |
| 6 | 2.2.18 | B11-B20 |  |  |  |  |  |  |  |  |  |
| 7 | 7.2.18 | B1-B10 |  |  |  |  |  |  |  |  |  |
| 8 | 9.2.18 | B11-B20 |  |  |  |  |  |  |  |  |  |
| 9 | 14.2.18 | B1-B10 |  |  |  |  |  |  |  |  |  |
| 10 | 16.2.18 | B11-B20 |  |  |  |  |  |  |  |  |  |
| 11 | 21.2.18 |  | B1,B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 |
| 12 | 23.2.18 |  | B11,B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 |
| 13 | 28.2.18 |  | B10 | B1,B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 |
| 14 | 2.3.18 |  | B20 | B11,B12 | B13 | B14 | B15 | B16 | B17 | B18 | B19 |
| 15 | 7.3.18 |  | B9 | B10 | B1,B2 | B3 | B4 | B5 | B6 | B7 | B8 |
| 16 | 9.3.18 |  | B19 | B20 | B11,B12 | B13 | B14 | B15 | B16 | B17 | B18 |
| 17 | 14.3.18 |  | B8 | B9 | B10 | B1,B2 | B3 | B4 | B5 | B6 | B7 |
| 18 | 16.3.18 |  | B18 | B19 | B20 | B11,B12 | B13 | B14 | B15 | B16 | B17 |
| 19 | 21.3.18 |  | B7 | B8 | B9 | B10 | B1,B2 | B3 | B4 | B5 | B6 |
| 20 | 23.3.18 |  | B17 | B18 | B19 | B20 | B11,B12 | B13 | B14 | B15 | B16 |
| 21 | 28.3.18 |  | B6 | B7 | B8 | B9 | B10 | B1,B2 | B3 | B4 | B5 |
| 22 | 30.3.18 |  | B16 | B17 | B18 | B19 | B20 | B11,B12 | B13 | B14 | B15 |
| 23 | 4.4.18 |  | B5 | B6 | B7 | B8 | B9 | B10 | B1,B2 | B3 | B4 |
| 24 | 6.4.18 |  | B15 | B16 | B17 | B18 | B19 | B20 | B11,B12 | B13 | B14 |
| 25 | 11.4.18 |  | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B1,B2 | B3 |
| 26 | 13.4.18 |  | B14 | B15 | B16 | B17 | B18 | B19 | B20 | B11,B12 | B13 |
| 27 | 18.4.18 |  | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B1,B2 |
| 28 | 20.4.18 |  | B13 | B14 | B15 | B16 | B17 | B18 | B19 | B20 | B11,B12 |
| 29 | 25.4.18 | B1-B10 Internal exam | | | | |  |  |  |  |  |
| 30 | 27.4.18 |  |  |  |  |  | B11-B20 internal exam | | | | |

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

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