**LAB SCHEDULE**

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

**Lab name : EDC LAB year : 2016-17**

**LIST OF EXPERIMENTS**

1. Frequency measurement using CRO.

2.PN Junction diode characteristics A. Forward bias B. Reverse bias.(cut-in voltage & Resistance calculations)

3.Zener diode characteristics and Zener as a regulator

4. Transistor CB characteristics (Input and Output) & h Parameter calculations

5. Transistor CE characteristics (Input and Output) & h Parameter calculations

6. Rectifier without filters (Full wave & Half wave)

7. Rectifier with filters (Full wave & Half wave)

8. JFET characteristics

9. SCR characteristics

10. UJT characteristics

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 28/06/2016 | DEMO ON EXPERIMENTS | | | | | | | | | | |
| 2 | 01/07/2016 | DEMO ON EXPERIMENTS | | | | | | | | | | |
| 3 | 08/07/2016 | B1/  B6 | B2/  B7 | | B3/  B8 | B4/  B9 | B5/  B10 |  |  |  |  |  |
| 4 | 12/07/2016 | B11/  B16 | B12/B17 | | B13/B18 | B14/  B19 | B15/  B20 |  |  |  |  |  |
| 5 | 15/07/2016 | B2/  B7 | B3/  B8 | | B4/  B9 | B5/  B10 | B1/  B6 |  |  |  |  |  |
| 6 | 19/07/2016 | B12/  B17 | B13/B18 | | B14/  B19 | B15/  B20 | B11/  B16 |  |  |  |  |  |
| 7 | 22/07/2016 | B3/  B8 | B4/  B9 | | B5/  B10 | B1/  B6 | B2/  B7 |  |  |  |  |  |
| 8 | 09/08/2016 | B13/  B18 | B14/  B19 | | B15/  B20 | B11/  B16 | B12/  B17 |  |  |  |  |  |
| 9 | 05/08/2016 | B4/  B9 | B5/  B10 | | B1/  B6 | B2/  B7 | B3/  B8 |  |  |  |  |  |
| 10 | 16/08/2016 | B14/  B19 | B15/  B20 | | B11/  B16 | B12/  B17 | B13/  B18 |  |  |  |  |  |
| 11 | 12/08/2016 | B5/  B10 | B1/  B6 | | B2/  B7 | B3/  B8 | B4/  B9 |  |  |  |  |  |
| 12 | 30/08/2016 | B15/  B20 | B11/  B16 | | B12/B17 | B13/B18 | B14/  B19 |  |  |  |  |  |
| 13 | 19/08/2016 | B1-B10 BACKLOG & REPETATION | | | | | | | | | | |
| 14 | 06/09/2016 | B11-B20 BACKLOG & REPETATION | | | | | | | | | | |
| 15 | 06/09/2016 |  |  | |  |  |  | B1/  B6 | B2/  B7 | B3/  B8 | B4/  B9 | B5/  B10 |
| 16 | 02/09/2016 |  |  | |  |  |  | B11/  B16 | B12/B17 | B13/B18 | B14/  B19 | B15/  B20 |
| 17 | 13/09/2016 |  |  | |  |  |  | B2/  B7 | B3/  B8 | B4/  B9 | B5/  B10 | B1/  B6 |
| 18 | 09/09/2016 |  |  | |  |  |  | B12/  B17 | B13/B18 | B14/  B19 | B15/  B20 | B11/  B16 |
| 19 | 20/09/2016 |  |  | |  |  |  | B3/  B8 | B4/  B9 | B5/  B10 | B1/  B6 | B2/  B7 |
| 20 | 16/09/2016 |  |  | |  |  |  | B13/  B18 | B14/  B19 | B15/  B20 | B11/  B16 | B12/  B17 |
| 21 | 27/09/2016 |  |  | |  |  |  | B4/  B9 | B5/  B10 | B1/  B6 | B2/  B7 | B3/  B8 |
| 22 | 30/09/2016 |  |  | |  |  |  | B14/  B19 | B15/  B20 | B11/  B16 | B12/  B17 | B13/  B18 |
| 23 | 04/10/2016 |  |  | |  |  |  | B5/  B10 | B1/  B6 | B2/  B7 | B3/  B8 | B4/  B9 |
| 24 | 14/10/2016 |  |  | |  |  |  | B15/  B20 | B11/  B16 | B12/B17 | B13/B18 | B14/  B19 |
| 25 | 18/10/2016 | B1-B10 BACKLOG & REPETATION | | | | | | | | | | |
| 26 | 21/10/2016 | B11-B20 BACKLOG & REPETATION | | | | | | | | | | |
| 27 | 25/10/2016 | Internal exam | | | | | | | | | | |
| 28 | 28/10/2016 | Internal exam | | | | | | | | | | |

**Note: Session Indicates 3 (or) 4 Periods B1 to B20 are batches and each batch contains 3 to 4 members**