**LAB SCHEDULE**

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

**Lab name : EC-1 LAB year : 2017-18**

**LIST OF EXPERIMENTS**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 11.7.17(FN) | B1,B6 | B2,B7 | B3,B8 | B4,B9 | B5,B10 |  |  |  |  |  |
| 2 | 18.7.17(FN) | B11,B16 | B12,B17 | B13,B18 | B14,B19 | B15,B20 |  |  |  |  |  |
| 3 | 25.7.17(FN) | B2,B7 | B3,B8 | B4,B9 | B5,B10 | B1,B6 |  |  |  |  |  |
| 4 | 1.8.17(FN) | B12,B17 | B13,B18 | B14,B19 | B15,B20 | B11,B16 |  |  |  |  |  |
| 5 | 22.8.17(FN) | B3,B8 | B4,B9 | B5,B10 | B1,B6 | B2,B7 |  |  |  |  |  |
| 6 | 5.9.17(FN) |  |  |  |  |  | B1,B6 | B2,B7 | B3,B8 | B4,B9 | B5,B10 |
| 7 | 12.9.17(FN) |  |  |  |  |  | B11,B16 | B12,B17 | B13,B18 | B14,B19 | B15,B20 |
| 8 | 19.9.17(FN) |  |  |  |  |  | B2,B7 | B3,B8 | B4,B9 | B5,B10 | B1,B6 |
| 9 | 26.9.17(FN) |  |  |  |  |  | B12,B17 | B13,B18 | B14,B19 | B15,B20 | B11,B16 |
| 10 | 3.10.17(FN) |  |  |  |  |  | B3,B8 | B4,B9 | B5,B10 | B1,B6 | B2,B7 |
| 11 | 7.7.17(FN) | B13,B18 | B14,B19 | B15,B20 | B11,B16 | B12,B17 |  |  |  |  |  |
| 12 | 14.7.17(FN) | B4,B9 | B5,B10 | B1,B6 | B2,B7 | B3,B8 |  |  |  |  |  |
| 13 | 21.7.17(FN) | B14,B19 | B15,B20 | B11,B16 | B12,B17 | B13,B18 |  |  |  |  |  |
| 14 | 28.7.17(FN) | B5,B10 | B1,B6 | B2,B7 | B3,B8 | B4,B9 |  |  |  |  |  |
| 15 | 4.8.17(FN) | B15,B20 | B11,B16 | B12,B17 | B13,B18 | B14,B19 |  |  |  |  |  |
| 16 | 18.8.17(FN) |  |  |  |  |  | B13,B18 | B14,B19 | B15,B20 | B11,B16 | B12,B17 |
| 17 | 8.9.17(FN) |  |  |  |  |  | B4,B9 | B5,B10 | B1,B6 | B2,B7 | B3,B8 |
| 18 | 15.9.17(FN) |  |  |  |  |  | B14,B19 | B15,B20 | B11,B16 | B12,B17 | B13,B18 |
| 19 | 22.9.17(FN) |  |  |  |  |  | B5,B10 | B1,B6 | B2,B7 | B3,B8 | B4,B9 |
| 20 | 6.10.17(FN) |  |  |  |  |  | B15,B20 | B11,B16 | B12,B17 | B13,B18 | B14,B19 |
| 21 | 17.10.17(FN) | B1-B10 Internal exam | | | | |  |  |  |  |  |
| 22 | 13.10(FN).17 |  |  |  |  |  | B11-B20 internal exam | | | | |

1. Half wave rectifier with and without filters.

2. Full wave rectifier with and without filters.

3. Common Emitter amplifier-Frequency response -3dB Bandwidth

4. Common Collector amplifier- i/p and o/p impedance gain measurement.

5. Current series feedback amplifier- Frequency response (with and without feedback)

6. Common Emitter amplifier-Frequency response -3dB Bandwidth

7. Common Collector amplifier- i/p and o/p impedance gain measurement.

8. Current series feedback amplifier- Frequency response (with and without feedback)

9. Current shunt feedback amplifier- Frequency response (with and without feedback)

10. Voltage shunt feedback amplifier- Frequency response (with and without feedback)