**LAB SCHEDULE**

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

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

**LIST OF EXPERIMENTS**

1. Amplitude modulation and demodulation.
2. AM DSB-SC Modulator & Detector
3. Frequency modulation and demodulation.
4. AGC Characteristics
5. Diode Dector
6. Verification of Sampling Theorem
7. Pulse Amplitude Modulation & Demodulation
8. Pulse Width Modulation & Demodulation
9. Pulse Position Modulation & Demodulation
10. PLL as FM Demodulator
11. Pre-emphasis & de-emphasis.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 27/11/2017 | DEMO ON EXPERIMENTS | | | | | | | | | |
| 2 | 02/12/2017 | DEMO ON EXPERIMENTS | | | | | | | | | |
| 3 | 4/12/2017 | B1/  B6 | B2/  B7 | B3/  B8 | B4/  B9 | B5/  B10 |  |  |  |  |  |
| 4 | 16/12/2017 | B11/  B16 | B12/B17 | B13/B18 | B14/  B19 | B15/  B20 |  |  |  |  |  |
| 5 | 11/12/2017 | B2/  B7 | B3/  B8 | B4/  B9 | B5/  B10 | B1/  B6 |  |  |  |  |  |
| 6 | 23/12/2017 | B12/  B17 | B13/B18 | B14/  B19 | B15/  B20 | B11/  B16 |  |  |  |  |  |
| 7 | 18/12/2017 | B3/  B8 | B4/  B9 | B5/  B10 | B1/  B6 | B2/  B7 |  |  |  |  |  |
| 8 | 30/12/2017 | B13/  B18 | B14/  B19 | B15/  B20 | B11/  B16 | B12/  B17 |  |  |  |  |  |
| 9 | 8/1/2018 | B4/  B9 | B5/  B10 | B1/  B6 | B2/  B7 | B3/  B8 |  |  |  |  |  |
| 10 | 6/1/2018 | B14/  B19 | B15/  B20 | B11/  B16 | B12/  B17 | B13/  B18 |  |  |  |  |  |
| 11 | 22/1/2018 | B5/  B10 | B1/  B6 | B2/  B7 | B3/  B8 | B4/  B9 |  |  |  |  |  |
| 12 | 20/1/2018 | B15/  B20 | B1/  B16 | B12/B17 | B13/B18 | B14/  B19 |  |  |  |  |  |
| 13 | 29/1/2018 |  |  |  |  |  | B1/  B6 | B2/  B7 | B3/  B8 | B4/  B9 | B5/  B10 |
| 14 | 27/1/2018 |  |  |  |  |  | B11/  B16 | B12/B17 | B13/B18 | B14/  B19 | B15/  B20 |
| 15 | 5/2/2018 |  |  |  |  |  | B2/  B7 | B3/  B8 | B4/  B9 | B5/  B10 | B1/  B6 |
| 16 | 3/2/2018 |  |  |  |  |  | B12/  B17 | B13/B18 | B14/  B19 | B15/  B20 | B11/  B16 |
| 17 | 12/2/2018 |  |  |  |  |  | B3/  B8 | B4/  B9 | B5/  B10 | B1/  B6 | B2/  B7 |
| 18 | 17/2/2018 |  |  |  |  |  | B13/  B18 | B14/  B19 | B15/  B20 | B11/  B16 | B12/  B17 |
| 19 | 19/2/2018 |  |  |  |  |  | B4/  B9 | B5/  B10 | B1/  B6 | B2/  B7 | B3/  B8 |
| 20 | 24/2/2018 |  |  |  |  |  | B14/  B19 | B15/  B20 | B11/  B16 | B12/  B17 | B13/  B18 |
| 21 | 26/2/2018 |  |  |  |  |  | B5/  B10 | B1/  B6 | B2/  B7 | B3/  B8 | B4/  B9 |
| 22 | 3/3/2018 |  |  |  |  |  | B15/  B20 | B1/  B16 | B12/B17 | B13/B18 | B14/  B19 |
| 25 | 12/3/2018 | INTERNAL EXAM | | | | | | | | | |
| 27 | 17/3/2018 | INTERNAL EXAM | | | | | | | | | |

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

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