**LAB SCHEDULE**

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

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

**LIST OF EXPERIMENTS**

* + 1. AM – Modulation and Demodulation.
    2. AM - DSB SC - Modulation and Demodulation.
    3. FM - Modulation and Demodulation.
    4. Diode Detector
    5. AGC Circuits
    6. PLL & FM Demodulation using PLL.
    7. Sampling Theorem
    8. PAM - Modulation and Demodulation.
    9. PWM - Modulation and Demodulation.
    10. PPM - Modulation and Demodulation.

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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 |
| 1 | 09-12-17 | Demo on all experiments | | | | | | | | | |
| 2 | 28-11-17 | Demo on all experiments | | | | | | | | | |
| 3 | 16-12-17 | B1,B2 | B3,B4 | B5,B6 | B7,B8 | B9,B10 |  |  |  |  |  |
| 4 | 05-12-17 | B11,B12 | B13,B14 | B15,B16 | B17,B18 | B19,B20 |  |  |  |  |  |
| 5 | 23-12-17 | B3,B4 | B5,B6 | B7,B8 | B9,B10 | B1,B2 |  |  |  |  |  |
| 6 | 12-12-17 | B13,B14 | B15,B16 | B17,B18 | B19,B20 | B11,B12 |  |  |  |  |  |
| 7 | 30-12-17 | B5,B6 | B7,B8 | B9,B10 | B1,B2 | B3,B4 |  |  |  |  |  |
| 8 | 19-12-17 | B15,B16 | B17,B18 | B19,B20 | B11,B12 | B13,B14 |  |  |  |  |  |
| 9 | 06-1-18 | B7,B8 | B9,B10 | B1,B2 | B3,B4 | B5,B6 |  |  |  |  |  |
| 10 | 26-12-17 | B17,B18 | B19,B20 | B11,B12 | B13,B14 | B15,B16 |  |  |  |  |  |
| 11 | 20-1-18 | B9,B10 | B1,B2 | B3,B4 | B5,B6 | B7,B8 |  |  |  |  |  |
| 12 | 02-1-18 | B19,B20 | B11,B12 | B13,B14 | B15,B16 | B17,B18 |  |  |  |  |  |
| 13 | 27-1-18 |  |  |  |  |  | B1,B2 | B3,B4 | B5,B6 | B7,B8 | B9,B10 |
| 14 | 09-1-18 |  |  |  |  |  | B11,B12 | B13,B14 | B15,B16 | B17,B18 | B19,B20 |
| 15 | 03-2-18 |  |  |  |  |  | B3,B4 | B5,B6 | B7,B8 | B9,B10 | B1,B2 |
| 16 | 16-1-18 |  |  |  |  |  | B13,B14 | B15,B16 | B17,B18 | B19,B20 | B11,B12 |
| 17 | 17-2-18 |  |  |  |  |  | B5,B6 | B7,B8 | B9,B10 | B1,B2 | B3,B4 |
| 18 | 23-1-18 |  |  |  |  |  | B15,B16 | B17,B18 | B19,B20 | B11,B12 | B13,B14 |
| 19 | 24-2-18 |  |  |  |  |  | B7,B8 | B9,B10 | B1,B2 | B3,B4 | B5,B6 |
| 20 | 30-1-18 |  |  |  |  |  | B17,B18 | B19,B20 | B11,B12 | B13,B14 | B15,B16 |
| 22 | 03-03-18 |  |  |  |  |  | B9,B10 | B1,B2 | B3,B4 | B5,B6 | B7,B8 |
| 23 | 06-2-18 |  |  |  |  |  | B19,B20 | B11,B12 | B13,B14 | B15,B16 | B17,B18 |
| 24 | 17-03-18 | Five experiments by using MATLAB ( B1-B10) | | | | | | | | | |
| 25 | 20-2-18 | Five experiments by using MATLAB ( B11-B20) | | | | | | | | | |
| 25 | 24-03-18 | B1-B10 Internal exam | | | | |  |  |  |  |  |
| 26 | 06-03-18 |  |  |  |  |  | B11-B20 internal exam | | | | |

11. Five experiments by using MATLAB

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

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