**LAB SCHEDULE**

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

**Lab name : AC LAB year : 2013-14**

**LIST OF EXPERIMENTS**

* + 1. Amplitude Modulation - Mod. & Demod.
    2. AM - DSB SC - Mod. & Demod.
    3. Spectrum Analysis of Modulated signal using Spectrum Analyser
    4. Diode Detector
    5. Pre-emphasis & De-emphasis
    6. Frequency Modulation - Mod. & Demod.
    7. AGC Circuits
    8. Sampling Theorem
    9. Pulse Amplitude Modulation - Mod. & Demod.
    10. PWM , PPM - Mod. & Demod.
    11. PLL

MATLAB implementation on

* + 1. Amplitude Modulation - Mod. & Demod.
    2. AM - DSB SC - Mod. & Demod.
    3. Frequency Modulation - Mod. & Demod.
    4. Sampling Theorem

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | Ex.12 to Ex. 15 |
| 1 | 18-03-14 (F.N) | Demo on all experiments | | | | | | | | | | | | |
| 2 | 21-03-14 (A.N) | Demo on all experiments | | | | | | | | | | | | |
| 3 | 25-03-14 (F.N) | B1 | B2 | B3 | B4 | B5 | B6 | B7 | | B8 | B9 | B10 | B11 |  |
| 4 | 28-03-14 (A.N) | B12 | B13 | B14 | B15 | B16 | B17 | B18 | | B19 | B20 | B21 | B22 |  |
| 5 | 01-04-14 (F.N) | B2 | B3 | B4 | B5 | B6 | B7 | B8 | | B9 | B10 | B11 | B1 |  |
| 6 | 04-04-14 (A.N) | B13 | B14 | B15 | B16 | B17 | B18 | B19 | | B20 | B21 | B22 | B12 |  |
| 7 | 08-04-14 (F.N) | B3 | B4 | B5 | B6 | B7 | B8 | B9 | | B10 | B11 | B1 | B2 |  |
| 8 | 11-04-14 (A.N) | B14 | B15 | B16 | B17 | B18 | B19 | B20 | | B21 | B22 | B12 | B13 |  |
| 9 | 15-04-14 (F.N) | B4 | B5 | B6 | B7 | B8 | B9 | B10 | | B11 | B1 | B2 | B3 |  |
| 10 | 18-04-14 (A.N) | B15 | B16 | B17 | B18 | B19 | B20 | B21 | | B22 | B12 | B13 | B14 |  |
| 11 | 22-04-14 (F.N) | B5 | B6 | B7 | B8 | B9 | B10 | B11 | | B1 | B2 | B3 | B4 |  |
| 12 | 25-04-14 (A.N) | B16 | B17 | B18 | B19 | B20 | B21 | B22 | | B12 | B13 | B14 | B15 |  |
| 13 | 29-04-14 (F.N) | B6 | B7 | B8 | B9 | B10 | B11 | B1 | | B2 | B3 | B4 | B5 |  |
| 14 | 02-05-14 (A.N) | B17 | B18 | B19 | B20 | B21 | B22 | B12 | | B13 | B14 | B15 | B16 |  |
| 15 | 05-05-14 (F.N) | B7 | B8 | B9 | B10 | B11 | B1 | B2 | | B3 | B4 | B5 | B6 |  |
| 16 | 09-05-14 (A.N) | B18 | B19 | B20 | B21 | B22 | B12 | B13 | | B14 | B15 | B16 | B17 |  |
| 17 | 23-05-14 (F.N) | B8 | B9 | B10 | B11 | B1 | B2 | B3 | | B4 | B5 | B6 | B7 |  |
| 18 | 26-05-14 (A.N) | B19 | B20 | B21 | B22 | B12 | B13 | B14 | | B15 | B16 | B17 | B18 |  |
| 19 | 30-05-14 (F.N) | B9 | B10 | B11 | B1 | B2 | B3 | B4 | | B5 | B6 | B7 | B8 |  |
| 20 | 03-06-14 (A.N) | B20 | B21 | B22 | B12 | B13 | B14 | B15 | | B16 | B17 | B18 | B19 |  |
| 21 | 06-06-14 (F.N) | B10 | B11 | B1 | B2 | B3 | B4 | B5 | | B6 | B7 | B8 | B9 |  |
| 22 | 10-06-14 (A.N) | B21 | B22 | B12 | B13 | B14 | B15 | B16 | | B17 | B18 | B19 | B20 |  |
| 23 | 13-06-14 (F.N) | B11 | B1 | B2 | B3 | B4 | B5 | B6 | | B7 | B8 | B9 | B10 |  |
| 24 | 24-06-14 (A.N) | B22 | B12 | B13 | B14 | B15 | B16 | B17 | | B18 | B19 | B20 | B21 |  |
| 25 | 08-07-14 (F.N) |  |  |  |  |  |  |  | |  |  |  |  | B1-B10 |
| 26 | 11-07-14 (A.N) |  |  |  |  |  |  |  | |  |  |  |  | B11-B20 |
| 27 | 15-07-14 (F.N) |  |  |  |  |  |  |  | |  |  |  |  | B1-B10 |
| 28 | 18-07-14 (A.N) |  |  |  |  |  |  |  | |  |  |  |  | B11-B20 |
| 29 | 22-07-14 (F.N) | B1-B10 Internal exam | | | | |  |  | |  |  |  |  |  |
| 30 | 25-07-14 (A.N) |  |  |  |  |  |  |  | B11-B20 internal exam | | | | | |