**LAB SCHEDULE**

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

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

**LIST OF EXPERIMENTS**

1. Sum of sinewaves
2. Linear Convolution
3. Circular Convolution
4. DFT / IDFT of given DT signal.
5. FFT / IFFT N-point FFT of given DT signal.
6. Power Spectrum of a given signal(s).
7. frequency response of analog LP/HP
8. FIR LP/HP using window techniques
9. IIR LP/HP using window techniques
10. Implementation of LP/HP IIR filters on DSP processor
11. Implementation of LP/HP FIR filters on DSP processor

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | 19.6.2013 | B1-B10 |  |  |  |  |  |  |  |  |  |  |
| 2 | 28.6.2013 | B11-B20 |  |  |  |  |  |  |  |  |  |  |
| 3 | 26.6.2013 |  | B1-B10 |  |  |  |  |  |  |  |  |  |
| 4 | 5.7.2013 |  | B11-B20 |  |  |  |  |  |  |  |  |  |
| 5 | 3.7.2013 |  |  | B1-B10 |  |  |  |  |  |  |  |  |
| 6 | 12.7.2013 |  |  | B11-B20 |  |  |  |  |  |  |  |  |
| 7 | 10.7.2013 |  |  |  | B1-B10 |  |  |  |  |  |  |  |
| 8 | 19.7.2013 |  |  |  | B11-B20 |  |  |  |  |  |  |  |
| 9 | 17.7.2013 |  |  |  |  | B1-B10 |  |  |  |  |  |  |
| 10 | 26.7.2013 |  |  |  |  | B11-B20 |  |  |  |  |  |  |
| 11 | 24.7.2013 |  |  |  |  |  | B1-B10 |  |  |  |  |  |
| 12 | 13.8.2013 |  |  |  |  |  | B11-B20 |  |  |  |  |  |
| 13 | 28.7.2013 |  |  |  |  |  |  | B1-B10 |  |  |  |  |
| 14 | 13.9.2013 |  |  |  |  |  |  | B11-B20 |  |  |  |  |
| 15 | 11.9.2013 |  |  |  |  |  |  |  | B1-B10 |  |  |  |
| 16 | 18.10.2013 |  |  |  |  |  |  |  | B11-B20 |  |  |  |
| 17 | 18.9.2013 |  |  |  |  |  |  |  |  | B1-B10 |  |  |
| 18 | 25.10.2013 |  |  |  |  |  |  |  |  | B11-B20 |  |  |
| 19 | 23.10.2013 |  |  |  |  |  |  |  |  |  | B1-B10 |  |
| 20 | 1.11.2013 |  |  |  |  |  |  |  |  |  | B11-B20 |  |
| 21 | 30.10.2013 |  |  |  |  |  |  |  |  |  |  | B1-B10 |
| 22 | 8.11.2013 |  |  |  |  |  |  |  |  |  |  | B11-B20 |
| 23 | 6.11.2013 | INTERNAL EXAM | | | | | | | | | | | |
| 24 | 23.11.2013 | INTERNAL EXAM | | | | | | | | | | | |

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

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