**LAB SCHEDULE**

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

**Lab name : DSP LAB year : 2014-15**

**LIST OF EXPERIMENTS**

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

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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 | Ex.12 |
| 1 | 17/06/2014 | B1-B10 |  |  |  |  |  |  |  |  |  |  |  |
| 2 | 19/06/2014 | B11-B20 |  |  |  |  |  |  |  |  |  |  |  |
| 3 | 24/06/2014 |  | B1-B10 |  |  |  |  |  |  |  |  |  |  |
| 4 | 26/06/2014 |  | B11-B20 |  |  |  |  |  |  |  |  |  |  |
| 5 | 1/07/2014 |  |  | B1-B10 |  |  |  |  |  |  |  |  |  |
| 6 | 3/07/2014 |  |  | B11-B20 |  |  |  |  |  |  |  |  |  |
| 7 | 15/07/2014 |  |  |  | B1-B10 |  |  |  |  |  |  |  |  |
| 8 | 17/7/2014 |  |  |  | B11-B20 |  |  |  |  |  |  |  |  |
| 9 | 22/07/2014 |  |  |  |  | B1-B10 |  |  |  |  |  |  |  |
| 10 | 24/07/2014 |  |  |  |  | B11-B20 |  |  |  |  |  |  |  |
| 11 | 05/08/2014 |  |  |  |  |  | B1-B10 |  |  |  |  |  |  |
| 12 | 31/07/2014 |  |  |  |  |  | B11-B20 |  |  |  |  |  |  |
| 13 | 12/08/2014 |  |  |  |  |  |  | B1-B10 |  |  |  |  |  |
| 14 | 07/08/2014 |  |  |  |  |  |  | B11-B20 |  |  |  |  |  |
| 15 | 26/08/2014 |  |  |  |  |  |  |  | B1-B10 |  |  |  |  |
| 16 | 14/08/2014 |  |  |  |  |  |  |  | B11-B20 |  |  |  |  |
| 17 | 02/09/2014 |  |  |  |  |  |  |  |  | B1-B10 |  |  |  |
| 18 | 21/08/2014 |  |  |  |  |  |  |  |  | B11-B20 |  |  |  |
| 19 | 09/09/2014 |  |  |  |  |  |  |  |  |  | B1-B10 |  |  |
| 20 | 28/08/2014 |  |  |  |  |  |  |  |  |  | B11-B20 |  |  |
| 21 | 16/09/2014 |  |  |  |  |  |  |  |  |  |  | B1-B10 |  |
| 22 | 4/09/2014 |  |  |  |  |  |  |  |  |  |  | B11-B20 |  |
| 23 | 23/09/2014 |  |  |  |  |  |  |  |  |  |  |  | B1-B10 |
| 24 | 11/09/2014 |  |  |  |  |  |  |  |  |  |  |  | B11-B20 |
| 25 | 7/10/2014 | BACKLOG & REPETATION | | | | | | | | | | | |
| 26 | 18/09/2014 | BACKLOG & REPETATION | | | | | | | | | | | |
| 27 | 25/09/2014 | INTERNAL EXAM | | | | | | | | | | | |
| 28 | 16/10/2014 | INTERNAL EXAM | | | | | | | | | | | |

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

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