

Course: M.Sc. (Electronic Science)	Name of Faculty: Dr. Supriya M.H.
Topic: 16-305-0104 Signals & Systems Lab	Semester: FIRST
Lecture Hall: Signal Processing Lab	Timings: as per CBCS

Set of experiments

- Experiment 1: Familiarization with MATLAB
- Experiment 2: Matrix Operations & Plotting using MATLAB
- Experiment 3: Relational Operators , Loops & Functions using MATLAB
- Experiment 4: Generation of Signals & Signal Operations
- Experiment 5: Synthesis of signals using Fourier Series
- Experiment 6: Advanced Matlab Problems related to signals & systems
- Experiment 7 : Convolution on Continuous Time Signals
- Experiment 8: Study of Laplace Transforms using Matlab
- Experiment 9: Study of Analog Filters Using Matlab
- Experiment 10 : DFT & FFT algorithms using Matlab
- Experiment 11 To compare Fourier and Laplace transformations of a signal.
- Experiment 12. To study convolution theorem in time and frequency domain.