

**ANDHRA LOYOLA INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**Department of Electronics & Communication Engineering**  
**Dr. A. P. J. Abdul Kalam Research Forum**  
**Signal Processing Research Group**

**PROGRAM SCHEDULE**

S.NO	DAY	SESSION	TOPICS TO BE COVERED
1	22-04-2019	1:00 TO 2:45	Introduction to MATLAB, MATLAB WINDOWS, MATLAB as a Calculator, Practice session-1
		3:00 TO 4:30	Vectors, Arrays, Equations of Straight line & Circle, Series Generation, Matrices, Practice session-2
2	23-04-2019	1:00 TO 2:45	2-D,3-D Plotting using MATLAB, Practice session-3
		3:00 TO 4:30	Conditional Statements, Loops, Scripts & Functions, Practice session-4
3	24-04-2019	1:00 TO 2:45	Solving Linear Systems, Finding Eigen Values & Eigen Vectors , Curve Fitting & Interpolation, Practice session-5
		3:00 TO 4:30	Numerical Differentiation & Integration, Solution of Ordinary Differential Equations ,Practice session-6
4	25-04-2019	1:00 TO 2:45	GUI Creation using MATLAB, Rotation of DC & Servo Motors using MATLAB & AURDINO
		3:00 TO 4:30	APPLIANCE Control using MATLAB & AURDINO, Practice session-7
5	26-04-2019	1:00 TO 2:45	Real Time Sensor DATA acquisition into MATLAB using AURDINO & ANALYTICS
		3:00 TO 4:30	Practice session-8

COURSE COORDINATOR(S)

1. Md. Baig Mohammad
2. G. Roopa Krishna Chandra