



# MATLAB PROGRAMMING

## OBJECTIVE

This course aims to provide students with an in-depth hands-on demonstration and practical sessions, within a stimulating environment. This course will introduce you to MATLAB as a tool for designing and evaluating digital filters, prior to implementing them in Hardware.

## ELIGIBILITY

Basic knowledge of Computers

## DURATION

4/6 Weeks (Six Weeks Programme includes two weeks project. No additional fee will be charged for Project)

## CONTENT

1	Introduction to MATLAB
2	Data Files and Data types
3	Basic of Mathematical functions
4	Loops and conditional statements
5	Operations on Matrix
6	Functions
7	M Files
8	Plots
9	2D Plots
10	3D Plots
11	Image Processing

## REQUIREMENT

Candidate must have latest computer/laptop with preferably 4 GB RAM or higher

## COURSE MATERIAL

e-Content will be provided in form of presentations/e-handouts, links etc. Online assignments will be given to participants. An online quiz will be conducted at the end of the course.

## CERTIFICATE

e-Certificate will be issued to each participant after the completion of the training. Participant needs to maintain minimum 75% attendance during the online classes and is required to score minimum 50% marks in the online test in order to successfully complete the course.

## HOW TO APPLY

Candidate may apply online at following link:  
<http://nielit.gov.in/haridwar/content/online-courses>

Fee is to be submitted to the following account and details to be submitted in online registration form



**For Registration  
Click Here**

<b>Name</b>	<b>NIELIT Haridwar</b>
Account No.	12922122001331
IFSC No.	PUNB0129210
Bank Name	Punjab National Bank
Branch	SIDCUL Haridwar



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