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.
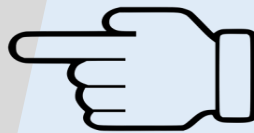
CERTIFICATE

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

Name	NIELIT Haridwar
Account No.	12922122001331
IFSC No.	ORBC0101292
Bank Name	Oriental Bank of Commerce
Branch	SIDCUL Haridwar

For Registration Click Here

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National Institute of Electronics & Information Technology, Haridwar
(Ministry of Electronics & Information Technology, Government of India)

Contact Details: NIELIT Haridwar, 2nd Floor, Government Polytechnic Building, Plot No-6C, Sector-11, Near Pentagon Mall, SIDCUL, Haridwar, Uttarakhand – 249403, **Phone**:- 01334-235617, 235054, **E-Mail:** haridwar@nielit.gov.in