NIELIT

राष्ट्रीयइलेक्ट्रॉनिकीएवंसूचनाप्रौद्योगिकीसंस्थान,कालीकट
National Institute of Electronics & Information Technology, Calicut

Online Course Prospectus

ISO 9001-2015 Certified

Online Course on MATLAB and Simulink

19th June 2025– 02nd July 2025
(1 hr. lecture daily)

Course Description

This course is a course that targets how to work with MATLAB and Simulink.
The Course is planned with instructor lectures and demonstrations.

Click Here to Register

Who can attend?

Any Candidate with basic knowledge of Matrices in Mathematics

- Students, Researchers
- Working Professionals
- Data Analysts & Data Scientists
- Educators – Teaching professionals, Self-Learners
- Entrepreneurs

Course Content:

Sl. No.	Imp. Topics
1	Introduction & Basics of MATLAB programming, Conditional Statements & Looping concepts and File Handling
2	MATLAB programming: Scripts, live scripts and functions
3	Signal generation, Data Analysis and Visualization
4	Converting MATLAB Code to C/C++ Code
5	Basics of GUI design using MATLAB, Application Development, Standalone apps generation
6	Introduction & Basics of Simulink, Designing Subsystems & System level modules in Simulink
7	Interfacing MATLAB & Simulink

*refer to the syllabus on the course page to observe in detail about all the topics

Prerequisite

- Basic knowledge of matrices in Mathematics

Fee and important dates

Fee	Rs. 700/- *(Including GST)*
Last date for registration & payment	17th June 2025 till 9:00 AM
Sharing of Link/passwords & other details	18th June 2025 by 06:00 PM
Course registration Link	https://www.calicut.nielit.in/OnlineCourseRegistration.aspx

Certificate

e-Certificate of participation will be mailed to the registered email ID after completion of the course.

Minimum Requirements

- Attendees must have a computer system with a good internet connection.
- Computer System Configuration– Windows OS 7/8/10, i3/i5 processor, Minimum 4GB RAM

Faculty Profile

1. Akula Sri Rama Pavan, Scientist – B, 8+ Years of Experience
   Working Areas: Embedded System Design, Signal Processing and GUI Design

Course Coordinator

Akula Sri Rama Pavan
Scientist-B
8904310403(WhatsApp)
e-mail: pavan@calicut.nielit.in

Terms and Conditions

1. In case any registered candidate could not attend the online session due to technical issue at their side there will not be any refund of the course fee and the sessions will not be repeated.
2. In case the online course is cancelled /postponed due to some technical issue at NIELIT side and new date is not convenient to the candidate, our liability is limited to the refund of the course fee and NIELIT shall not be responsible for any consequential damages.
3. Passing Exit test is mandatory for awarding 'participation' certificate.

For more details about our institution and facilities visit us

Website: http://nielit.gov.in/calicut
Twitter: https://twitter.com/CAL_NIELIT
Facebook: https://www.facebook.com/CAL.NIELIT

Click Here to Register

Autonomous Scientific Society of
Ministry of Electronics & Information Technology,
Govt. of India