



# MATLAB Campus-Wide License Installation Guide

**National Institute of Technology, Warangal** now offers a **Campus-Wide License** to *MATLAB, Simulink, and companion products*. All faculty, researchers, and students are eligible to download and install these products on their college computers as well as their personally-owned computers. Use the latest versions of MATLAB and Simulink and other MathWorks products to support your course work and research.



The next two sections outline instructions on obtaining access to MATLAB. You will first need to associate to the **National Institute of Technology, Warangal** MATLAB Campus-Wide License and then install MATLAB.

**To associate to the Campus-Wide License, Open the NIT Warangal's MATLAB Portal or simply scan the QR Code:**

1. Click on Sign-In to get started
2. Sign in using your MathWorks Account with **NITW** email address i.e. email address ending with your nitw.ac.in / student.nitw.ac.in domain
3. If you do not have a MathWorks Account with **official** email address, click on Create Account
4. Complete the steps to create your MathWorks Account (If you have any trouble creating an account, contact MathWorks Customer Service via [info@mathworks.in](mailto:info@mathworks.in) or +91-80-6632-6000)
5. Once logged in on the [Portal](#), you would automatically be associated to the **National Institute of Technology, Warangal** MATLAB Campus-Wide License.

***Link and QR Code to access the National Institute of Technology, Warangal***

**[Link: https://www.mathworks.com/academia/tah-portal/national-institute-of-technology-warangal-31567629.html](https://www.mathworks.com/academia/tah-portal/national-institute-of-technology-warangal-31567629.html)**

**QR CODE:**










## Steps To Install MATLAB

- Click the download button for the current release. (Users can also download previous releases here).
- Choose a supported platform and download the installer.
- Run the installer.
- In the installer, select Log in with a MathWorks Account and follow the online instructions.
- When prompted to do so, select the Academic – Total Headcount license labeled Individual.
- Select the products you want to download and install.
- After downloading and installing your products, keep the Activate MATLAB checkbox selected and click Next.
- Select "Activate automatically using the internet."
- Log into your MathWorks account
- Select the Academic – Total Headcount license labeled Individual.
- Click "finish" to complete the activation process.

**For any installation issues, contact the MathWorks Install Support team at: [Info@mathworks.in](mailto:Info@mathworks.in) or call + 91-80-6632-6000 (Option 3).**

Anytime, Anywhere Access for Faculty, Staff & Students

 <p><b>MATLAB for Desktops</b></p> <p>Access MATLAB on personal and university-owned machines</p> <p><a href="http://tiny.cc/MATLABDRNGP">http://tiny.cc/MATLABDRNGP</a></p>	 <p><b>MATLAB Online</b></p> <p>Access MATLAB with a web browser</p> <p>Visit <a href="http://matlab.mathworks.com">matlab.mathworks.com</a></p>	 <p><b>MATLAB Mobile</b></p> <p>Access MATLAB on iOS/Android devices</p> <p>   </p>
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**MATLAB Online**- use MATLAB in a web browser without installing, configuring, or managing any software.

<https://www.mathworks.com/products/matlab-online.html>

**MATLAB Mobile**- evaluate MATLAB commands, create and edit files, visualize data, and view results – all from your iPhone, iPad, or Android device.

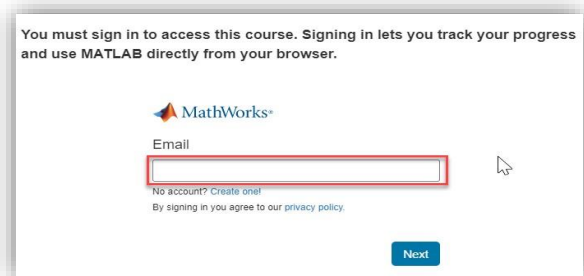
<https://www.mathworks.com/products/matlab-mobile.html>



## Self-Paced, Online Training for MATLAB and Simulink

### Steps to Access the MATLAB Training Courses:

1. Go to MATLAB [Portal](https://matlabacademy.mathworks.com/) or <https://matlabacademy.mathworks.com/>
2. Login to the MathWorks Account.
3. Click on Launch to start the Course



Onramp courses give you the foundation to use MATLAB and Simulink for popular applications.

<b>Deep Learning Onramp</b> 2 Hours	<b>Machine Learning Onramp</b> 2 Hours	<b>Stateflow Onramp</b> 2 Hours	<b>Image Processing Onramp</b> 2 Hours	<b>Control Design Onramp with Simulink</b> 2 Hours
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Additional courses span a range of contemporary and advanced topics.

<b>Deep Learning with MATLAB</b> 14 Hours 12 Lessons	<b>Machine Learning with MATLAB</b> 14 Hours 7 Lessons	<b>MATLAB for Data Processing and Visualization</b> 7 Hours 10 Lessons	<b>MATLAB Programming Techniques</b> 14 Hours 9 Lessons	<b>MATLAB for Financial Applications</b> 21 Hours 14 Lessons
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**Note:** Course Completion certificate provided upon completing the Each course.



## MATLAB For Students

### Explore Examples and Documentation

Try examples and read comprehensive documentation on matrices and arrays, plots, block diagrams, Model-Based Design, and other fundamental topics

[https://in.mathworks.com/academia/examples.html?s\\_tid=acport\\_ex\\_sp\\_til](https://in.mathworks.com/academia/examples.html?s_tid=acport_ex_sp_til)

### Create Cool Projects

Learn how to use MATLAB and Simulink to design algorithms, create simulations, and speed up development for student projects. Explore more [here](#)

[Aerospace](#) , [MATLAB & Simulink Robotics Arena](#) , [Mobile Robotics](#) , [Hybrid Electric Vehicles](#) , [Code Generation](#)

For more information on MATLAB for students click [here](#) and follow us on [Youtube](#) for more Videos

The MATLAB & SIMULINK logo is displayed in a large, blue, serif font. The background is a light blue gradient with faint, stylized graphics of a circuit board on the left and a 3D surface plot on the right. The surface plot shows a peak in yellow and green, transitioning to blue and purple at the base.

MATLAB®  
& SIMULINK®





## Products available through NITW's Campus-Wide License

### MATLAB Product Family

#### **MATLAB**

##### *AI, Data Science and Statistics*

Deep Learning Toolbox  
 Predictive Maintenance Blockset  
 Statistics & Machine Learning  
 Toolbox  
 Text Analytics Toolbox  
 Reinforcement Learning Toolbox

##### *Application Deployment*

MATLAB Compiler  
 MATLAB Compiler SDK  
 MATLAB Production Server  
 MATLAB Web App Server

##### *Code Generation*

Embedded Coder  
 Filter Design HDL Coder  
 Fixed-Point Designer  
 GPU Coder  
 HDL Coder  
 HDL Verifier  
 MATLAB Coder

##### *Database Access and Reporting*

Database Toolbox  
 MATLAB Report Generator

##### *Math and Optimization*

Curve Fitting Toolbox  
 Deep Learning Toolbox  
 Global Optimization Toolbox  
 Mapping Toolbox  
 Optimization Toolbox  
 Partial Differential Equation Toolbox  
 Symbolic Math Toolbox

##### *Parallel Computing*

MATLAB Parallel Server  
 Parallel Computing Toolbox

### Simulink Product Family

#### **Simulink**

System Composer

##### *Application Deployment*

Simulink Compiler

##### *Code Generation*

AUTOSAR Blockset  
 Embedded Coder  
 Fixed-Point Designer  
 HDL Coder  
 HDL Verifier  
 Simulink Code Inspector  
 Simulink Coder  
 Simulink PLC Coder

##### *Event-Based Modeling*

SimEvents  
 Stateflow

##### *Physical Modeling*

Simscape  
 Simscape Driveline  
 Simscape Electrical  
 Simscape Fluids  
 Simscape Multibody

##### *Real-Time Simulation and Testing*

Simulink Desktop Real-Time  
 Simulink Real-Time

##### *Simulation Graphics and Reporting*

Simulink 3D Animation  
 Simulink Report Generator

##### *Verification, Validation, and Test*

Simulink Check  
 Simulink Coverage  
 Simulink Design Verifier  
 Simulink Requirements  
 Simulink Test

### Application Products

##### *Aerospace*

Aerospace Blockset  
 Aerospace Toolbox

##### *Automotive*

Automated Driving Toolbox  
 AUTOSAR Blockset  
 Model-Based Calibration Toolbox  
 Powertrain Blockset  
 RoadRunner  
 RoadRunner Asset Library  
 Vehicle Dynamics Blockset  
 Vehicle Network Toolbox

##### *Autonomous Systems*

Automated Driving Toolbox  
 Navigation Toolbox  
 RoadRunner  
 RoadRunner Asset Library  
 Robotics System Toolbox  
 ROS Toolbox  
 Sensor Fusion and Tracking  
 Toolbox

##### *Computational Biology*

Bioinformatics Toolbox  
 SimBiology

##### *Computational Finance*

Database Toolbox  
 Datafeed Toolbox  
 Econometrics Toolbox  
 Financial Instruments Toolbox  
 Financial Toolbox  
 Risk Management Toolbox  
 Spreadsheet Link  
 Trading Toolbox

##### *Control Systems*

Control System Toolbox  
 Fuzzy Logic Toolbox  
 Model Predictive Control Toolbox  
 Motor Control Blockset  
 Predictive Maintenance Toolbox  
 Reinforcement Learning Toolbox  
 Robust Control Toolbox  
 Simulink Control Design  
 Simulink Design Optimization  
 System Identification Toolbox

##### *FPGA, ASIC & SoC Development*

Filter Design HDL Coder  
 Fixed-Point Designer  
 HDL Coder  
 HDL Verifier  
 SoC Blockset  
 Vision HDL Toolbox  
 Wireless HDL Toolbox

##### *Image Processing and Computer Vision*

Computer Vision Toolbox  
 Image Processing Toolbox

##### *RF and Mixed Signal*

Antenna Toolbox  
 Mixed-Signal Blockset  
 RF Blockset  
 RF Toolbox  
 SerDes Toolbox

##### *Signal Processing*

Audio Toolbox  
 DSP System Toolbox  
 Phased Array System Toolbox  
 Signal Processing Toolbox  
 Wavelet Toolbox

##### *Test and Measurement*

Data Acquisition Toolbox  
 Image Acquisition Toolbox  
 Instrument Control Toolbox  
 OPC Toolbox  
 Vehicle Network Toolbox

##### *Wireless Communications*

5G Toolbox  
 Communications Toolbox  
 LTE Toolbox  
 WLAN Toolbox

### Polyspace Product Family

Polyspace Bug Finder  
 Polyspace Code Prover

### Academic Resources

MATLAB Academic Online Training  
 Suite  
 MATLAB Grader