MATLAB INSTALLATION GUIDE

Indian Institute Of Technology (BHU) Varanasi 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.
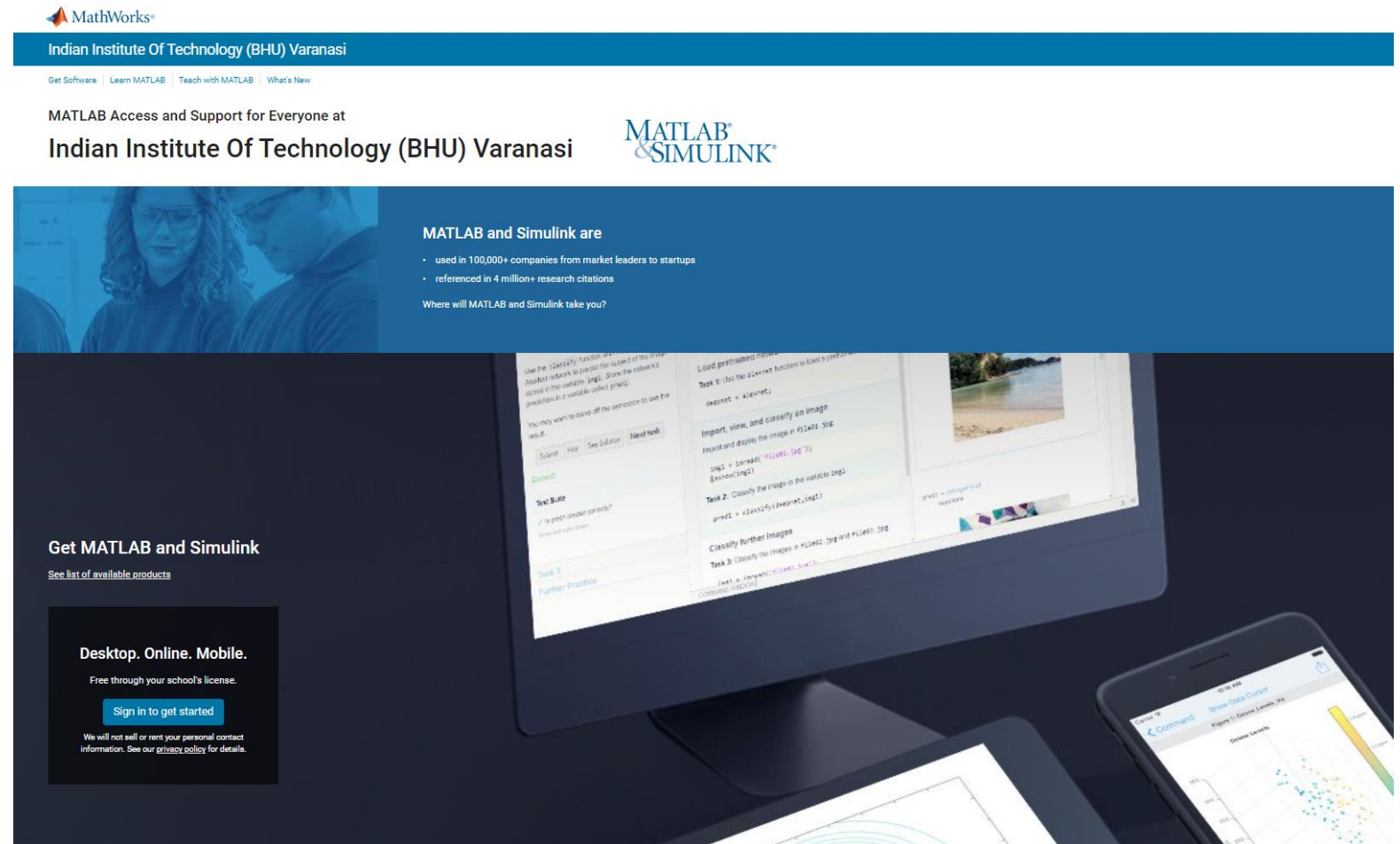
Guide Content
- MATLAB Portal Access
- Installing MATLAB & Simulink
- Tools
- Online Training Suite
- Product List R2022b

This section outlines the instructions on obtaining access to MATLAB. You will first need to associate to the **Indian Institute Of Technology (BHU) Varanasi** MATLAB Campus-Wide License and then install MATLAB.

To associate to the Campus-Wide License, open the **Indian Institute Of Technology (BHU) Varanasi MATLAB Portal** or simply scan the QR Code :
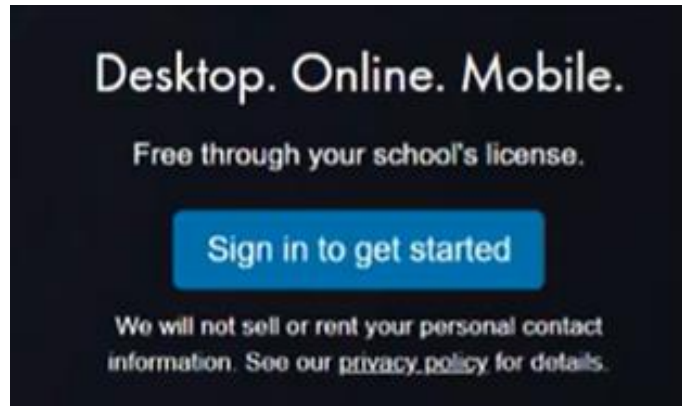

https://tinyurl.com/MATLABIITBHUVARANASI

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Indian Institute Of Technology (BHU) Varanasi

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Indian Institute Of Technology (BHU) Varanasi

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• referenced in 4 million+ research citations

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(If you have any trouble creating an account, contact MathWorks Customer Service via **info@mathworks.in** or + 91-80-6632-6000)

This section outlines the instructions on obtaining access to MATLAB. You will first need to associate to the **Indian Institute Of Technology (BHU) Varanasi** MATLAB Campus-Wide License and then install MATLAB.

- Click on Sign-In to get started

- Sign in using your MathWorks Account with your **Indian Institute Of Technology (BHU) Varanasi** email address.

- If you do not have a MathWorks Account with your **Indian Institute Of Technology (BHU) Varanasi** email address, click on Create Account

Click to know more

Desktop. Online. Mobile.
Free through your school's license.
Sign in to get started
We will not sell or rent your personal contact information. See our privacy policy for details.

- Complete the steps to create your MathWorks Account

- Once logged in to the **Portal**, you would automatically be associated to the **Indian Institute Of Technology (BHU) Varanasi** MATLAB Campus-Wide License.

Create MathWorks Account
Email Address   abc@xyz.ac.in
ℹ To access your organization's MATLAB license, use your work or university email.
Location   United States
Which best describes you?   Select one...
Are you at least 13 years or older?   ○ Yes   ○ No
Cancel   Create

Verify your email address
1. Go to your inbox for **abc@xyz.ac.in**.
2. Click the link in the email we sent you.
Didn't receive the email?
- Check your spam folder.
- Send me the email again.
- If you still have not received the email, see Email Verification or contact Customer Support.

Sign in to your MathWorks Account or create a new one.
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Email
No account? Create one!
By signing in you agree to our privacy policy.
Next

(If you have any trouble creating an account, contact MathWorks Customer Service via **info@mathworks.in** or + 91-80-6632-6000)

This section outlines the instructions on obtaining access to MATLAB. You will first need to associate to the **Indian Institute Of Technology (BHU) Varanasi** MATLAB Campus-Wide License and then install MATLAB.

Steps to Install MATLAB:

- Click the download button for the current release. (Users can also download previous releases here).
- Choose a supported platform (Windows / Mac / Linux) 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. You can add products later as well.
- 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.

Click to know more

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Installing MATLAB

Instructional Video

Alex Colón
MathWorks Customer Success Program

4:55

Several **cloud-based tools** are available to the faculty, students and researchers such as:
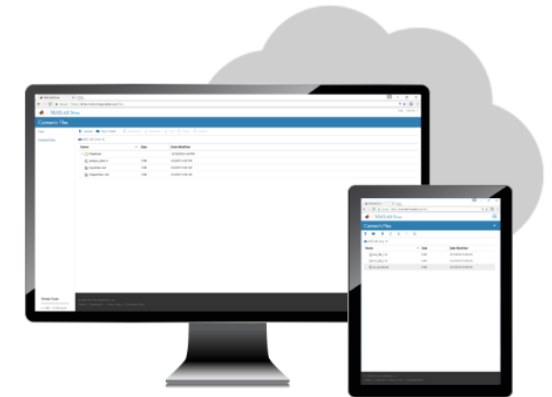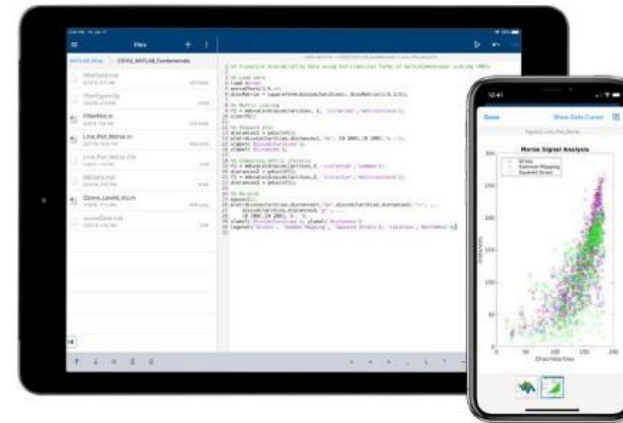
MATLAB Online - **U**se MATLAB in a web browser without installing, configuring, or managing any software.

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

MATLAB Drive - MATLAB Drive provides a common cloud-based storage location for your MATLAB file.

Learn to Use MATLAB and Simulink - MATLAB Onramp, Simulink Onramp and Deep Learning Onramp (free 2-hour overview of MATLAB) and other course offerings.

MATLAB Help - Provides link to installation support and documentation.

Get started with MATLAB & Simulink using the **Online Training Suite** with **On-Ramp** and **Focused** courses

Interactive Courses

- Use MATLAB directly in your browser
- Receive instant feedback
- Complete as individual lessons or full courses
- Share progress reports and course certificates

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Course Completion Certificate

John Smith

has successfully completed **100%** of the self-paced training course

Machine Learning Onramp

25 April 2020

Explore Courses by Topic

Data Science	Programming and Application Development	Image Processing and Computer Vision
Signal Processing and Communications	Modeling and Simulation	Control and Algorithm Design
Physical Modeling	HDL Code Generation	C Code Generation

Visit: **https://matlabacademy.mathworks.com/**

Products on Campus-Wide Licenses sold after R2022b

Organized Alphabetically

5G Toolbox
Aerospace Blockset
Aerospace Toolbox
Antenna Toolbox
Audio Toolbox
Automated Driving Toolbox
AUTOSAR Blockset
Bioinformatics Toolbox
Bluetooth Toolbox
Communications Toolbox
Computer Vision Toolbox
Control System Toolbox
Curve Fitting Toolbox
Data Acquisition Toolbox
Database Toolbox
Datafeed Toolbox
DDS Blockset
Deep Learning HDL Toolbox
Deep Learning Toolbox
DSP HDL Toolbox
DSP System Toolbox
Econometrics Toolbox
Embedded Coder
Filter Design HDL Coder
Financial Instruments Toolbox
Financial Toolbox
Fixed-Point Designer
Fuzzy Logic Toolbox
Global Optimization Toolbox
GPU Coder
HDL Coder
HDL Verifier
Image Acquisition Toolbox
Image Processing Toolbox
Industrial Communication Toolbox
Instrument Control Toolbox
Lidar Toolbox
LTE Toolbox
Mapping Toolbox
MATLAB
MATLAB Coder
MATLAB Compiler

MATLAB Compiler SDK
MATLAB Grader
MATLAB Parallel Server
MATLAB Production Server
MATLAB Report Generator
MATLAB Web App Server
Medical Imaging Toolbox
Mixed-Signal Blockset
Model Predictive Control Toolbox
Model-Based Calibration Toolbox
Motor Control Blockset
Navigation Toolbox
Online Training Suite
Optimization Toolbox
Parallel Computing Toolbox
Partial Differential Equation
    Toolbox
Phased Array System Toolbox
Polyspace Bug Finder
Polyspace Code Prover
Powertrain Blockset
Predictive Maintenance Toolbox
Radar Toolbox
Reinforcement Learning Toolbox
Requirements Toolbox
RF Blockset
RF Toolbox
RF PCB Toolbox
Risk Management Toolbox
Roadrunner
Roadrunner Asset Library
Roadrunner Scenario
Roadrunner Scene Builder
Robotics System Toolbox
Robust Control Toolbox
ROS Toolbox
Satellite Communications Toolbox
Sensor Fusion and Tracking
    Toolbox
SerDes Toolbox
Signal Processing Toolbox
Signal Integrity Toolbox
SimBiology

SimEvents
Simscape
Simscape Battery
Simscape Driveline
Simscape Electrical
Simscape Fluids
Simscape Multibody
Simulink
Simulink 3D Animation
Simulink Check
Simulink Code Inspector
Simulink Coder
Simulink Compiler
Simulink Control Design
Simulink Coverage
Simulink Design Optimization
Simulink Design Verifier
Simulink Desktop Real-Time
Simulink PLC Coder
Simulink Real-Time
Simulink Report Generator
Simulink Test
SoC Blockset
Spreadsheet Link
Stateflow
Statistics and Machine Learning
    Toolbox
Symbolic Math Toolbox
System Composer
System Identification Toolbox
Text Analytics Toolbox
UAV Toolbox
Vehicle Dynamics Blockset
Vehicle Network Toolbox
Vision HDL Toolbox
Wavelet Toolbox
Wireless HDL Toolbox
Wireless Testbench
WLAN Toolbox

Products new to Campus-Wide Licenses as of this release in BOLD

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Products on Campus-Wide Licenses sold after R2022b

Organized by Application

MATLAB Product Family
MATLAB

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

Parallel Computing
MATLAB Parallel Server
Parallel Computing Toolbox

Reporting and Database Access
Database Toolbox
MATLAB Report Generator

Simulink Product Family
Simulink

Application Deployment
Simulink Compiler

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

Physical and Event-Based Modeling
SimEvents
Simscape
Simscape Battery
Simscape Driveline
Simscape Electrical
Simscape Fluids
Simscape Multibody
Simulink 3D Animation
Stateflow

Real-Time Simulation and Testing
Simulink Desktop Real-Time
Simulink Real-Time

Reporting
Simulink Report Generator

Systems Engineering
System Composer

Verification, Validation, and Test
Polyspace Bug Finder
Polyspace Code Prover
Simulink Check

Verification, Validation, and Test (cont.)
Simulink Coverage
Simulink Design Verifier
Requirements Toolbox
Simulink Test

Application Products
Aerospace
Aerospace Blockset
Aerospace Toolbox
UAV Toolbox

AI, Data Science, and Statistics
Deep Learning Toolbox
Deep Learning HDL Toolbox
Predictive Maintenance Toolbox
Reinforcement Learning Toolbox
Statistics and Machine Learning Toolbox
Text Analytics 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
Roadrunner Scenario
Roadrunner Scene Builder
Robotics System Toolbox
ROS Toolbox
Sensor Fusion and Tracking Toolbox
UAV Toolbox

Code Verification
Polyspace Bug Finder
Polyspace Code Prover

Computational Biology
Bioinformatics Toolbox
SimBiology

Computational Finance
Database Toolbox
Datafeed Toolbox
Econometrics Toolbox
Financial Instruments Toolbox
Financial Toolbox
Risk Management Toolbox
Spreadsheet Link

Control Systems
Control System Toolbox
Fuzzy Logic Toolbox
Model Predictive Control Toolbox
Motor Control Blockset
Predictive Maintenance Toolbox
Reinforcement Learning Toolbox

Control Systems (cont.)
Robust Control Toolbox
Simulink Control Design
Simulink Design Optimization
System Identification Toolbox

FPGA, ASIC, and SoC Development
Deep Learning HDL Toolbox
Filter Design HDL Coder
Fixed-Point Designer
HDL Coder
HDL Verifier
SoC Blockset
Vision HDL Toolbox
Wireless HDL Toolbox
DSP HDL Toolbox

Image Processing and Computer Vision
Computer Vision Toolbox
Image Processing Toolbox
Lidar Toolbox
Medical Imaging Toolbox

Math and Optimization
Curve Fitting Toolbox
Global Optimization Toolbox
Mapping Toolbox
Optimization Toolbox
Partial Differential Equation Toolbox
Symbolic Math Toolbox

RF and Mixed Signal
Antenna Toolbox
Mixed-Signal Blockset
RF Blockset
RF Toolbox
RF PCB Toolbox
SerDes Toolbox
Signal Integrity Toolbox

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

Test and Measurement
Data Acquisition Toolbox
Image Acquisition Toolbox
Instrument Control Toolbox
Industrial Communication Toolbox
Vehicle Network Toolbox

Wireless Communications
5G Toolbox
Communications Toolbox
LTE Toolbox
Satellite Communications Toolbox
WLAN Toolbox
Bluetooth Toolbox
Wireless Testbench

Academic Resources
MATLAB Grader
Online Training Suite

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Product List of R2022A. For more information, visit: https://in.mathworks.com/products.html