MATLAB Installation Guide – GURU GHASIDAS UNIVERSITY

- **How to access the MATLAB Campus-wide License**
- **Installing MATLAB & Toolboxes on your Laptop**
- **Accessing MATLAB Online**
- **Accessing MATLAB Academy**

GURU GHASIDAS UNIVERSITY now offers a **Campus-Wide License to** *MATLAB, Simulink, and companion products*. All Teaching Academician, 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.

You can scan the below QR or click the link below, to access your portal

Portal Link: http://tiny.cc/MATLABGGU

Need installation help? Contact Support

Email: info@mathworks.in
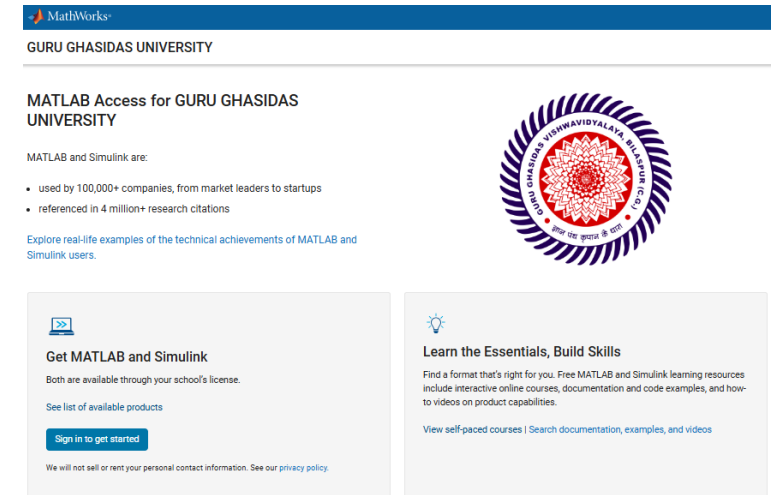
Or

Phone: + 91-80-6632-6000 (Option 3)

MATLAB R2024b System Requirements

The next two sections outline instructions for accessing and Installing MATLAB on the Personal Computer.

Account Creation:

1. Go to the MATLAB Portal - **GURU GHASIDAS UNIVERSITY**

2. Click on "Sign in to get started".
3. Create/Log Into MathWorks account.
4. Complete the steps to create your MathWorks Account.
5. Once logged in on the **Portal**, you would automatically be associated to the **GURU GHASIDAS UNIVERSITY** MATLAB Campus-Wide License.

Here is a short video for creating a MathWorks Account using the MATLAB Portal.

Steps To Install MATLAB on Personal Computer/Laptop

1. Click the download button for the current release. (Users can also download previous releases here).
2. Choose a supported platform and download the installer.
3. Run the installer.
4. In the installer, select Log in with a MathWorks Account and follow the online instructions.
5. When prompted to do so, select the Academic – Total Headcount license labeled Individual.
6. Select the products you want to download and install.
7. Click "finish" to complete the activation process.

Here is a short video for Installing MATLAB & toolboxes on the Personal Computer/Laptop

No Downloads or Installations

- MATLAB® Online™ provides access to MATLAB and Simulink from any standard web browser wherever you have internet access – just sign in.
- It is ideal for teaching, learning and convenient, lightweight access.

Cloud Storage and Synchronization

- Full integration with MATLAB Drive gives you 20GB to store, access, and manage your files from anywhere with MATLAB Online.
- Use MATLAB Drive Connector to sync your files between your computers and MATLAB Online, eliminating the need for manual upload or download.

Collaborate Through Online Sharing and Publishing

- With MATLAB Online, you can share your scripts, live scripts, and other MATLAB files with others directly.
- MATLAB Online automatically updates to the latest version, giving a consistent platform with the latest features to all users.
- Publish your scripts and live scripts to the web as PDFs or HTML and share the URL with anyone.

MATLAB Online

Use MATLAB and Simulink through your web browser

Cloud Solutions Browser Requirements

Specifications and Limitations

MATLAB Documentation

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

MATLAB Online can directly be accessed from MATLAB Home (mathworks.com)

Certification Courses with MATLAB Academy

Online Training Suite

Did you know that you have free access to a full range of online training courses, with your GURU GHASIDAS UNIVERSITYMATLAB & Simulink Campus-Wide License ?

Upskill in your favorite domain, AI, Deep Learning, Machine Learning and more with MATLAB & Simulink Training

MathWorks training covers the basics of working with MATLAB & Simulink as well as intermediate and advanced techniques that address complex workflows and niche applications.

MathWorks | Training Services

Course Completion Certificate

Jennifer Rose

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

Deep Learning with MATLAB

DIRECTOR, TRAINING SERVICES

1 January 2020

Learn MATLAB & Simulink at your own pace for free

Take entire courses or focus on specific topics.

Complete hands-on exercises and get your official course completion certificates from MathWorks Training Services

Click here to access MATLAB Academy

Product List R2024b

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
C2000 Microcontroller Blockset
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 Test
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

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
C2000 Microcontroller Blockset
DDS Blockset
Embedded Coder
Fixed-Point Designer
Filter Design HDL Coder
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
Requirements Toolbox
MATLAB Test
Simulink Check
Simulink Coverage
Simulink Design Verifier
Simulink Fault Analyzer
Simulink Test

Application Products

Aerospace
Aerospace Blockset
Aerospace Toolbox
UAV Toolbox

AI, Data Science, and Statistics
Deep Learning HDL Toolbox
Deep Learning 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
Vehicle Dynamics Blockset
Vehicle Network Toolbox

Autonomous Systems
Automated Driving Toolbox
Navigation Toolbox
Robotics System Toolbox
ROS Toolbox
Sensor Fusion and Tracking Toolbox
UAV Toolbox

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
Robust Control Toolbox
Simulink Control Design

Simulink Design Optimization
System Identification Toolbox

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

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
RF Toolbox
RF PCB Toolbox
RF Blockset
Mixed-Signal Blockset
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
Communications Toolbox
5G Toolbox
LTE Toolbox
WLAN Toolbox
Bluetooth Toolbox
Satellite Communications Toolbox
Wireless Testbench

Academic Resources
MATLAB Grader
Online Training Suite