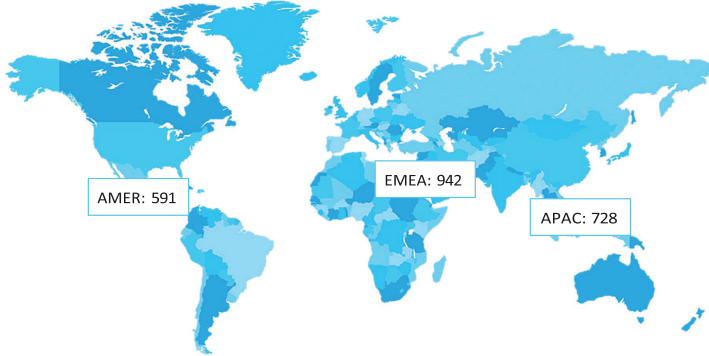# Accelerate Learning and Research with MATLAB® and Simulink®

MathWorks® Licensing for Campus-Wide Use

The Campus-Wide License offers unlimited MATLAB® and Simulink® access to over 7.1 million students, educators, and researchers across more than 2,200 global universities. This includes every university in the Top 30 rankings* and over 375+ institutions/universities in India, supporting a wide range of engineering and science disciplines for both educational and research purposes.

AMER: 591
EMEA: 942
APAC: 728

The Campus-Wide License provides:

- Unlimited use of MATLAB® and Simulink® products **(including 100+ add-on toolboxes for specialized tasks)** for all students, faculty, staff, and researchers - on and off campus - on any device.
- A wide range of resources to support teaching, learning, and collaborative research, such as access to **MATLAB® Grader, Courseware and Virtual Labs, Challenge projects and self-paced online courses.**
- Open access to scaling for MATLAB® programs and Simulink® simulations to clusters, clouds, and HPC centers.

Leading Indian Educational Institutions with MathWorks License and Rankings:

- 23 out of the 23 Indian Institute of Technology (IITs)
- 24 out of the 25 top ranked National Institutional Ranking Framework (NIRF) Engineering institutes
- 8 out of 11 Institute of Eminence (IoE)
- 6 out of 7 Indian Institutes of Science Education and Research (IISER)
- 10 out of 15 top institutions in QS ranking (Southeast Asia region)

A few universities/ institutions in India with a Campus-Wide License:

- Amrita Vishwa Vidyapeetham, Coimbatore
- Bennett University, Greater Noida
- Pimpri Chinchwad College of Engineering, Pune
- RV College of Engineering, Bangalore
- Shiv Nadar University, Greater Noida
- BMS College of Engineering, Bangalore
- KLE Technological University, Hubli
- Pandit Deendayal Energy University, Gandhinagar
- BVRIT Hyderabad College of Engineering for Women, Hyderabad
- Kalasalingam Academy of Research and Education, Virudhunagar

* Based on QS World University Rankings 2023

Support Student Success with Online Training Courses

Campus-wide access to interactive, self-paced online courses to:

- Help students quickly learn MATLAB®
- Provide faculty, researchers, and student with ands-on practice sessions
- Help universities introduce industry-standard tools into the curriculum

MATLAB has become ubiquitous in the academic sector in the recent past. I would like to mention about two unique platforms MATLAB has created for its users. One is MATLAB online courses (offered free for Licensed users) and another one is MATLAB Grader. At ECE Department, PES University offers MATLAB online courses as a 2-credit course for 3rd to 5th-semester students.
-Dr. Rajini M, PES University, Bangalore

Learn more:
mathworks.com/products/campus-wide- training

Save Time with MATLAB® Grader

- Create assignments that require students to submit MATLAB® Code
- Set custom scoring rubrics and view detailed reports and learner analytics
- Automatically grade student work and provide instant feedback
- Run web-based assignments in any learning environment

MATLAB Grader has simplified student assessment and made the evaluation process transparent. Since they can get feedback on their performance immediately after an assessment, it has also helped in improving student performance as the course progresses. - Dr. Binoy B. Nair, Amrita Vishwa Vidyapeetham, Coimbatore

Learn more: mathworks.com/products/matlab-grader

Enhance Curricula with Courseware and Virtual Labs

- Teach in and out of the classroom using interactive teaching content and examples
- Tailored to multiple disciplines

MathWorks lab is helpful for learning mathematics in a better way from 1st year engineering itself. It is used as an Experiential Learning Method and helping the students in the visualization of mathematics, as applied to engineering. - Dr. K N Subramanya, R.V College of Engineering, Bangalore

Learn more: mathworks.com/academia/courseware

Preparing Students for In-Demand Careers:

MathWorks® has customers in more than 180 countries and installations at over 100,000 businesses, universities, and government organizations. For students, knowing how to use MATLAB® and Simulink® opens the door to a wide range of disciplines and modeling methods. Each year, tens of thousands of new graduates enter the workforce with MATLAB® and Simulink® skills and experience. MATLAB® is listed as a common skill among LinkedIn members with a technical background and is listed as a required skill in thousands of job postings.

At NIT Durgapur, we have been using MATLAB products, specifically the 5G toolbox/ deep learning toolbox, to advance 6G research verticals, spanning vehicular, UAV, RIS, ISAC, and MU-MIMO. The communication/ antenna/ signal processing toolboxes and SIMULINK products are invaluable for hands-on sessions in undergraduate and postgraduate laboratories. - Dr. Aniruddha Chandra, NIT Durgapur

"It is great to use MATLAB, Simulink and all toolboxes for research and courses. Advancements and easy-to-use interface in emerging areas like Machine Learning, Deep Learning, Reinforcement Learning and Predictive Maintenance have really helped us in our work. - Prof. P. S. V. Nataraj, Indian Institute of Technology, Bombay

I have found that students from Mechanical Engineering easily learn MATLAB, Simulink and Toolboxes and further are able to apply them in research and development successfully. - Dr. D. Sukhdeep Singh Dhami, NITTTR, Chandigarh

Campus-Wide License Features

- Coverage for all faculty, staff, students, and researchers, on both institution / university and personally owned device.

- Access on campus, in the lab and field, and at home, including off network.

- Widest and most up-to-date array of industry-ready products, supporting everything from introductory level courses to advanced academic research.

- Annual license that provides a more predictable cost model for budget planning.

- One license, which eases license management and ensures software license compliance through central administration: it also integrates easily into bring-your-own-device (BYOD) programs.

- Pricing proportional to the size of the student body, providing cost efficiencies per user.

VIT has a campus-wide license with all packages helpful to implement interdisciplinary research and development projects. I have framed few lab experiments for the Engine Management systems course using Simulink. -Dr. Rammohan A, Vellore Institute of Technology, Vellore

I recently explored the exciting possibilities of integrating Python with Matlab to further expand its capabilities. We regularly organize sessions on courses and certifications offered by Mathworks to enhance our skills and knowledge. -Dr. S. Sathees Kumaran, Anurag University, Hyderabad

MATLAB Campus-wide License solved the limited knowledge of the power of MATLAB. Students in Computer Science believed it to be a tool reserved for ECE or EEE students, but CSE students can utilize MATLAB for applications like data visualization, data analytics, solving optimization problems, designing neural networks, and many more. -Prof. Sainik Kumar Mahata, Institute of Engineering and Management, Kolkata

Onboarding Support

MathWorks® has a dedicated Customer Success team to support you from license launch to campus- wide rollout and beyond. MathWorks® will work with you to prepare for license deployment, including license installation, federated identity management, and rollout across campus. All faculty, staff, and students will have self-serve access to software and resources through a MathWorks®-hosted MATLAB® portal.

Get Started Today
Contact your **MathWorks® Account Representative** to receive a price quote. Learn more and request a quote: mathworks.com/campus-license

Scale MATLAB® and Simulink® Computations to Clusters, Clouds, and HPC Centers

With MATLAB® Parallel Server, you can scale MATLAB® programs and Simulink® simulations to clusters, clouds, and HPC centers. The Campus- Wide License includes access to MATLAB® Parallel Server and allows every user on campus to run an unlimited number of simultaneous workers (MATLAB® computational engines) on clusters that run on university owned hardware or cloud resources.

Advantages for users
- Access cluster resources through a familiar MATLAB® environment
- Run on multiple machines without algorithm change
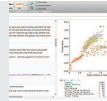- Leverage preconfigured cloud clusters or local HPC resources

Advantages for IT
- Provide open access to scaling for MATLAB® and Simulink® throughout campus
- Provide access to cluster resources through MATLAB® and your existing scheduler
- Simplify license management with a central license that accommodates all clusters

Learn more:
mathworks.com/products/matlabparallel-server/campus

Get Instant Access to MATLAB® through MATLAB Online

With MATLAB® Online, you can run the latest version of MATLAB, including features like App Designer and Live Editor, on the MathWorks® Cloud through your web browser.

- Run MATLAB® on any laptop, desktop, or Chromebook with no downloads, installations, or maintenance
- Store, manage, and access your MATLAB® files anywhere
- Share content and collaborate with others through direct sharing and publishing

Learn more: mathworks.com/products/matlab-online

Saintgits College of Engineering has relied on MATLAB software since 2008 and has upgraded to an unlimited license in 2018. Integral to our academic and research pursuits, MATLAB's array of features, including MATLAB online, self-paced courses, and instructor-led classes, have proven invaluable. Throughout the COVID-19 pandemic, MATLAB online facilitated laboratory work, ensuring continuity in our educational endeavors. - Dr. Ancy Sara Varghese, Saintgits College of Engineering, Kottayam

'The Job Skills of 2024' Coursera Report:
In the report, the Fastest-Growing Data Science Skills, 'MATLAB®' skills in the top 10 this year. Refer following link to download report:
https://tinyurl.com/DS-MATLAB-Skill?s_eid=PEP_33092