

# Design & Code Generation using MATLAB

25<sup>th</sup> October, 2021 – 29<sup>th</sup> October, 2021



## Objective:

In the current era, data is being generated at an unprecedented high rate. Proper analysis of this data can help in predicting business trends, early diagnosis of deadly diseases, timely prediction of catastrophic events etc. MATLAB is one such tool that can help in discovering the patterns from the data and improve the accuracy in decision making. The workshop is mainly focused to enhance your skills and learn how to get the most from MATLAB tools. It covers the basics of MATLAB, tips and tricks, and advanced techniques suitable for specialized areas. This MathWorks training is the fastest way to build an expertise on MATLAB and Simulink. This workshop also provides a platform to help learn and develop new machine learning techniques for creating, deploying, analyzing the domain specific applications.

## Course Contents:

- Introduction to MATLAB & Simulink.
- AI with MATLAB & Simulink (Supervised, Unsupervised learning, Deep learning and etc).
- Multi-Domain Physical Modeling with Simulink & SimScape.
- Signal Processing & Communications System Design with MATLAB & Simulink.
- App Designing & Code Generation with MATLAB.

## For any queries please contact:

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Email: [rajitha@mnnit.ac.in](mailto:rajitha@mnnit.ac.in)

## Registration Deadline: 22/10/2021

The workshop is mainly focused for the Faculty, Research scholars, PG and UG students of MNNIT Allahabad.

## For registration, please visit link:

<https://forms.gle/bi5GiYrWtBfHtawj9>

## Registration Fee:

The workshop will be free of cost and conducted in online mode, Certificates will be issued to participants with above 75% attendance.

## Contact (Student Coordinators):

1. Mr. G.V. Eswara Rao, Ph.D  
Contact No: 8332961961
2. Mr. Randhir Kumar, M.Tech CSED

## Course Conveners:

- Prof. Anil Kumar Singh, Professor, CSED, MNNIT Allahabad
- Dr. Rajitha Bakthula, Assistant Professor, CSED, MNNIT Allahabad

## Course Coordinators:

- Dr. Shashwati Banerjea, Assistant Professor, CSED, MNNIT Allahabad
- Dr. Mayukh Sarkar, Assistant Professor, CSED, MNNIT Allahabad

## **Organized by**

**Department of Computer Science and Engineering**  
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