



GETIN TECHNOLOGIES

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COURSE NAME: MATLAB TRAINING

[Visit our website for Course Fees and Course Duration](#)

Placement Eligibility:

Eligible: Any Bachelor Degree, Any Master Degree, MBA

Not Eligible: Diploma

Class Mode:

Classroom | Online | Recorded Session | AI Session

If you have Completed Course, You want only Placements

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Training Partnership with



Placement Partnership with



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MATLAB TRAINING SYLLABUS

CHAPTER 1: INTRODUCTION

- Introduction to MATLAB
- M-Script
- Simulink
- Stateflow

CHAPTER 2: M-Script

- User Interface
- Variables
- Data Types
- Scalar, Vector, Matrix
- Statements
- Loops
- Functions
- Cell Array
- Table
- File Handling
- Commands
- Practical Session



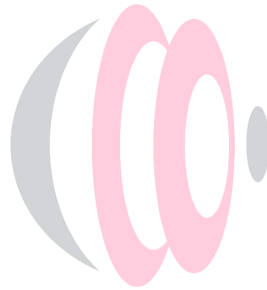
CHAPTER 3: Simulink

- What is modeling?
- Learning about the blocks
- Learning about target link blocks
- Modeling Discrete system

- **Modeling Continuous System**
- **Mathematical model**
- **Mechanical Model**
- **Electrical Model**
- **Control System**
- **Solvers**
- **Sub Systems**
- **Creating Libraries**

CHAPTER 4: State flow

- **Modeling flow charts**
- **Modeling State Machines**
- **Hierarchical State Diagram**
- **Parallel State Diagram**
- **Events in State Diagram**
- **Calling functions from stateflow**
- **Truth table and state transition tables**



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