



## MATLAB

### Training Details


<b>Course Code</b>	<b>: HCCC71</b>
<b>Course Name</b>	<b>: MATLAB</b>
<b>Duration</b>	<b>: 2 Months</b>
<b>Eligibility</b>	<b>: Diploma / BE / ME / EIE / EEE / ECE / +2 / Equivalent</b>

### Syllabus:

- Matlab Programming
- File concept
- Scalar, vector and matrix representation
- Data type and Matrix indexing
- Conditional Statements
- Looping Structure
- Script & function files
- Programs to solve mathematical equations
- Sorting & Searching
- Programs for signal & image processing
- Data structure
- File concept

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*We Changed ur thinking, it Changed ur Life...*

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- Event Driven Programming using GUI controls For EEE dept Digital Signal Processing
- Solving difference equation
- Solving differential equation
- Filter Design
- Matrix Operations Computer Vision systems
- Image processing
- Video Processing Communication systems
- Analog Communication
- Digital Communication
- Editing Digital Circuit Design
- Logic gates
- Combinational Circuit Design
- Sequential Circuit Design Control System
- Open and closed loop System
- PID controllers

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