

## Advanced CNC Programming and Operating in CNC Lathe & Milling with MasterCAM

### Training Details

<b>Course Code</b>	<b>: HCCC 25</b>
<b>Course Name</b>	<b>: Advanced CNC Programming and Operating in CNC Lathe &amp; Milling with MasterCAM</b>
<b>Duration</b>	<b>: 3 months</b>
<b>Eligibility</b>	<b>: +2 / ITI / DIP /BE / Equivalent</b>

### Syllabus:

#### CNC

- Introduction
- Point Coordination
- Programming Methods
- G Codes And M Codes

#### Milling Programming

- Part Programming
- Cutter Compensation
- Drilling Program
- Sub Program

#### Lathe Programming

- Facing And Turning
- Turning Cycle
- Drilling And Grooving
- Thread Cutting
- CNC Stimulator [Software: CNC Train]
- Practical Classes : Machine Training 10 Days

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#### Address:

163 C/1, First Floor, Kamarajar Salai,  
NP TVS Showroom Opp., Ganesh Theatre Signal,  
Santha Pettai Bus Stop Near,  
Madurai – 625 009.



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## AutoCAD

- 2d Drafting Model And Layout
- 3d Modeling

## Master Cam

- Sketch , Part Modeling And Layout
- Tool path
- 2d Tool path [Milling Operation]
- Facing
- Pocketing
- Drilling
- Contour
- 3d Tool path [Milling Operation]
- Parallel
- Pocket
- Radial
- Project
- Contour
- Tool path [Lathe]
- Turning [Roughing]
- Turning [Finishing]
- Grooving
- Drilling
- Thread Cutting

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