



Diploma in Advanced CNC Programming Setting and Operating with AutoCAD / MasterCAM

# **Training Details**

<b>Course Code</b>	: HCCC 21
Course Name	: Diploma in Advanced CNC Programming Setting and Operating with AutoCAD / MasterCAM
Duration	: 6 months
Eligibility	: +2 / ITI / DIP /BE / Equivalent

# **Syllabus:**

CNC

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

Milling Programming

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

Lathe Programing

- Facing And Turning
- Turning Cycle
- Drilling And Grooving
- ➤ Thread Cutting
- CNC Stimulator [Software: CNC Train]

#### Address:

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



99443 35447 99944 37733





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## ▶ Practical Classes : Machine Training 1 Month

### **AutoCAD**

- 2d Drafting Model And Layout
- ➢ 3d Modeling

Master Cam

- Sketch , Part Modeling And Layout
- $\succ$  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

