

Advanced CNC Programming & Operating in lathe and milling Mechanical

Training Details

Course Code	: HCCC 18
Course Name	: Advanced CNC Programming & Operating in lathe and milling
Duration	: 1 month
Eligibility	: +2 / ITI / DIP /BE / Equivalent

Syllabus:

Theory: (1 month)

CNC Lathe

- Introduction of CNC Machine
- Application of CNC Machine
- Introduction of CNC lathe
- Co-ordinate methods
- Concept of Programming
- G-codes and M-codes
- Facing Program
- Step Turning
- Taper Turning
- Chamfer Program
- Cycle Programs

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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CNC MILLING

- Introduction of Milling
- Co-ordinate methods
 - Absolute Method
 - Incremental Method
- G-codes and M-Codes
- Facing Program,
- Chamfer and Radius Program
- Programming using I,J Method
- Pocketing Program
- Canned cycle
 - Drilling
 - Boring
 - Counter Sinking
 - Counter Boring
 - Tapping
 - Reaming
- Sub Program
- Maintenance and Trouble Shooting
- Measuring Instruments

Practical: (1 Week)

- ON, OFF Proper
- HOME Position Taken
- MPG (Handle Move) Applications
- MDI, JOG
- AUTO, EDIT
- MENU OFF Set (Work co-ordinate use)
- Display Use
- Button use (Programming Typing)
- JOB dial
- BORE dial
- JOB Setting
- JOB setting Dial, TOOL setting , JOB Running, JOB Output

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