



AMAL JYOTHI
COLLEGE OF ENGINEERING
KANJIRAPPALLY

CNC

TRAINING CENTRE

CNC Division
Dept of AUE
Amal Jyothi



CNC programming and Operations

Manufacturing trend has made a quantum leap towards CNC (Computer Numerical Control) from conventional methods. Industry is in great need of professionals with thorough CNC Programming knowledge in India and Abroad. CTC a newly started state –of– the – art training centre, offers High End Training in **CNC PROGRAMMING AND CNC MACHINING**

Course Overview

This course will make one familiar with the operating process, manual programming, computer assisted programming, tool & work setting and Product machining.

Training Modules

LEVEL 1

CNC Machine Operator

- Understanding of all CNC machining operations
- Introduction to the working of CNC control panel

LEVEL 2

CNC Machine Setter

- Machine settings / work-piece holding / tool holding
- Tool offset / work offset
- Changing offset parameters on CNC control panel

LEVEL 3

Level 3 - CNC Programmer

- Basics Of CNC programming : G codes and M codes.
- Advanced programming techniques using
 - *Basic machining cycles*
 - *Advanced machining cycles*
 - *Canned cycles*
 - *Mirroring commands*
 - *Subroutines (Subprogram) and*
 - *How to reduce the machining cycle time*

LEVEL 4

APT programming

- Basics of APT



Duration

Duration of the course is for 10 days

Course Fee

Rupees three thousand five hundred (3500/-), payable wholly or in two equal installments.

Unique Features

Training on CNC Machinery
CNC programming & Simulation Using CNC Softwares
Coverage of latest Trends in CNC
Industry standard live Project training
High speed machining concept
Cutting Tool Technology
Preventive maintenance of CNC Machines
Tips & Tricks to improve one's CNC skills
Theory classes will be supported with the help of videos and power point presentations

For registration

Registration can be done through our website
www.amaljyothi.ac.in

Selection

Selection will be on a first-come-first served basis. The number of candidates for a single batch is limited to ten.

For more details

Mr. M R Anudas,
CNC Trainer,
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Qualification

- Diploma/ITI certificate holder (or)
- Plus two pass



About the college

Amal Jyothi College of Engineering (AJCE) has established itself as a benchmark of excellence in technical higher education and research. Founded in 2001 by the Catholic Diocese of Kanjirappally. AJCE was approved by the AICTE and affiliated to Mahatma Gandhi University, Kottayam, Kerala. It is the first new generation engineering college in Kerala to secure the prestigious NBA accreditation for prime departments.

