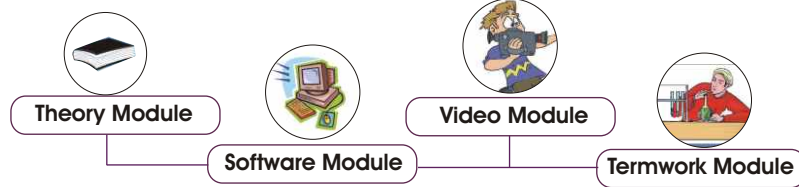


CNC Machines



Introduces, Global e-Learning System in Education & Training in the form of Learning Resources with Computer Aided Instructions

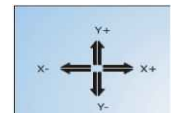


System Requirement:- IBM-PC Compatible Min P-III with Window-OS, 128 MB RAM/Multimedia Kit

- ✍ Fundamentals of C.N.C.
- ✍ Motion Control
- ✍ Understanding co-ordinate system
- ✍ Absolute and Incremental Motion

- ✍ Methods for C.N.C. programming
- ✍ Manual programming
- ✍ The modes of machine operations

Key concepts of C.N.C.



Controllable Machine Parts



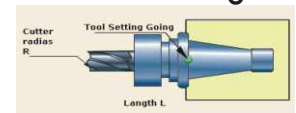
- ✍ CNC Lathe
- ✍ CNC milling machine
- ✍ Direct & Indirect Position measurement
- ✍ Incremental Measurement

- ✍ Work spindle
- ✍ Tool changers
- ✍ Rotation and other feed axes
- ✍ Chucking

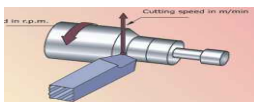
- ✍ Tooling System in milling Machine
- ✍ Tooling System in turning Machine
- ✍ Indexable tool tips

- ✍ Tool holders
- ✍ Tool holders, Lathe , milling
- ✍ Tool Dimensions

CNC Tooling



Programmable functions



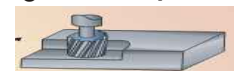
- ✍ Linear interpolation
- ✍ Circular interpolation
- ✍ Point to point controls

- ✍ Straight cut controls
- ✍ Contouring controls permit
- ✍ Machine functions control

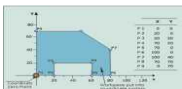
- ✍ Influence-factor machine
- ✍ Magnetic tape cassettes
- ✍ Metal cutting parameters

- ✍ Type of coolant
- ✍ Types of chips
- ✍ Wear correction systems

Metal cutting control parameters



NC Related Dimensioning



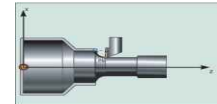
- ✍ Absolute and incremental dimension
- ✍ Contour of turned parts
- ✍ Contour if milled parts

- ✍ Dimensioning possibilities
- ✍ Contour if milled parts
- ✍ Radius programming

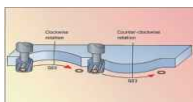
- ✍ Problem
- ✍ Simple geometric programming
- ✍ Procedure

- ✍ Programming of technological data
- ✍ Geometric programming with cut distribution

Programming



Function and build of NC program



- ✍ Machining by NC program
- ✍ Geometric information
- ✍ Program technological information

- ✍ Program preparation methods
- ✍ Manual and computer Programming
- ✍ Programming the outer contour

Head office

Unit 5/A, The Pentagon, Near Hotel Panchami, Satara Road Pune 411009- India

Ph : +91 20 24217676, 24218747

Tele Fax : +91 20 24218747

Email : sepl@softtech-engr.com, elearning@softtech-engr.com

Branch offices