Industry Oriented Training on
# Computer Numerical Control



**TRAINING TODAY FOR A BETTER TOMORROW**

# Distinct Productivity Solutions
*An ISO 9001-2008 Certified Company*

## OBJECTIVE

- Promote CNC Training at Grass root level.
- Create life long learning opportunities for individuals
- Significantly reduce the skill shortage in India

## TARGET AUDIENCE

- Students of Diploma Colleges / Engineering Colleges
- Students of ITI Colleges & Voccational Training Institutes
- Engineer Trainees in companies

## TRAINING METHODOLOGY

- The SSCNC SIMULATOR SOFTWARE is loaded in the PCs of computer center
- The students / participants practice the CNC programming along with the Instructor
- The concepts can be practiced on simulator in a real time environment with chips effect and sound effects
- Lot of real time movies and exercises to make the program highly relevant to the industrial life
- Work book becomes exhaustive study material and hand book at the end of the program
- Industry experts as Faculty

## PROGRAM CONTENTS

- Basics of CNC Programming : Axes Movements, Co-Ordinate System, Absolute and Incremental programming.
- Basics of machines : Axes descriptions, Machine nomenclatures
- Modes of Programming : Jog Mode, Incremental Mode, Handle Mode, Edit Mode, MDI Mode etc.
- Introduction and use of G-Codes & M-Codes, Other machine functions like T, S, F etc.
- Calculating Speeds and Feeds
- Writing CNC Programs on Turning Center and Vertical Machining Centers.
- Exercises on Liner interpolation, Circular interpolation, Canned Cycle etc.
- Programing on FANUC Controller
- Exercises and Industry relevant movies

## TRAINING VENUE

The Computer Center of Respective colleges / Training Centers

## PROGRAMME DURATION

Three full days

## PROGRAMME FEE

Contact organizers for more details

*SHARPEN YOUR SKILLS . . .*

ORGANISERS:

## Distinct Productivity Solutions

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