



DISCOUNTS ARE AVAILABLE

CNC MACHINING & ITS APPLICATION

**COURSE FEE
RS: 16,000/-**

**START COURSE FROM
20-JUL-2024
(DURATION 20HOURS)**



Scan For Registration

INTRODUCTION:

This course is designed to provide participants with a comprehensive introduction to CNC (Computer Numerical Control) machining with CAD (Computer-Aided Design) design. Participants will learn the fundamental principles, techniques, and best practices for operating CNC machines effectively, as well as how to create 3D models and generate CNC programs using CAD software. Upon completing this course participants will gain a comprehensive understanding of CNC machining principles, CAD design techniques, and programming skills, which are highly sought after in fields like engineering, manufacturing, and product development. This will prepare participants for future careers by equipping them with practical expertise that aligns with industry standards

COURSE OUTLINE

1. Precision manufacturing: Introduction to CNC Manufacturing
 - Overview of CNC technology and its application in industries
2. Computer Aided Design (CAD) Fundamentals
 - Introduction and creation of 3D CAD design using software.
3. CNC Programming Essentials for Precision Machining
 - Introduction to G-code and M-code and its generation using computer Aided Manufacturing (CAM) software.
4. Hands-on experience: CNC Machine Operation and Safety
 - Work on CNC machine and understanding machine setup, machining of parts and safety precautions.
5. Cutting techniques: Tooling and Machining Strategies
 - Understanding selection of cutting tool, cutting parameters and machining strategies.

CONTACT

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