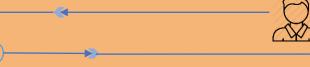


CENTRE OF EXCELLENCE IN ADVANCED MANUFACTURING TECHNOLOGY INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

5-DAY HANDS-ON TRAINING ON CNC

For ITI, Diploma and BE/B-Tech Students; Academic Members; Working Professionals from Start-ups, MSMEs & Large Industries. 05th December, 2022 to 09th December, 2022



Introduction to CNC, its mechanism, control system

Introduction to CNC coordinate system & coding

Learn the syntax to create a part programming

Get trained on CNC Lathe & CNC Turning Centre; Operate the machine for part fabrication

Working on FANUC & SIEMENS controllers

Write your first CNC program & simulate it in a virtual environment

Part designing using CAD & CAM software

Project: Develop your own design, CNC code, successful simulation, & fabrication

"Welcome to the World of CNC"

Add-on Knowledge: Intro. on Industry 4.0

All Students

MSME Professionals and Start-ups

INR 6,000 (incl. of GST)

INR 12,000 (incl. of GST)

ACCOMMODATION, FOODING & TRAVEL

- <u>Based on availability</u>, it may be arranged at IIT Guest House <u>with additional cost</u>; and request for the same need to be made separately through email in advance
- Candidates need to make their own travel and food arrangements; however, lunch will be served during the training programme
- · Candidate must wear mask all the time, maintain physical distance from the co-worker during training

APPLICATION PROCEDURE

Apply online: "https://erp.iitkgp.ac.in/CEP/courses.htm" >> Click on Signup for new registration. Search in the search bar >> IIT/CEP/WOR/WOR/2022-2023/DH/97 and click on >> APPLY NOW Fore more instruction: Click on "How to Apply" and "How to Pay"



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ABOUT CoE-AMT

CoE-AMT has been established at IIT Kharagpur with the support from Department of Heavy Industry (Ministry of HI&PE) and a consortium of top 6 industry members in the country, offering a unique platform for collaborative research in manufacturing keeping harmony with the 'Make-in India' initiative of the GoI. The Centre initiates innovative and top-quality research focused to the industries on Specialty materials, Design and automation, Additive manufacturing, and Industry 4.0 (Industrial Internet of Things). The Centre boosts innovative interventions in the advanced manufacturing domain by enabling an ecosystem among Institutes of higher repute, top industries, and also the MSMEs & Start-ups.