



CENTRE OF EXCELLENCE IN ADVANCED MANUFACTURING TECHNOLOGY

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR



40,000 Sq. ft. "Industrial
Research & Innovation Unit"
of this CoE

FIVE DAYS TRAINING PROGRAMME ON CNC

for ITI & Diploma Engineering Students & Professionals; Undergraduates;
MSMEs & Startups

February 17, 2020 to February 21, 2020

COURSE STRUCTURE

Lecture, demonstration & hands-on training :	Schedule
<ul style="list-style-type: none">Fundamentals of CNC: CNC turning centre, trainer latheHands-on training of CNC turning centre and trainer latheCNC programming	Day – 1 & 2
<ul style="list-style-type: none">Hands-on training on writing CNC codes and execution in CNC turning centre, trainer latheGeneration of CNC code for different operations, and testing using CNC controller & simulatorExecution of the CNC code in machine by the candidates	Day – 3 & 4
<ul style="list-style-type: none">Study and design of the part on CAD-CAM software for tool path and auto NC code generationHands-on training on designing in CAD-CAM software for different jobs, and followed by execution of the jobs in machine	Day – 5

FEES

- ITI, Diploma, & Undergraduate students: Rs 3,000 (incl of GST);
- MSME Professionals and Startups: Rs 7,500 (incl of GST)
- Large-scale industry Professionals: Rs 10,500 (incl of GST)

ACCOMMODATION, FOOD & TRAVEL

- Based on availability**, it may be arranged at IIT Guest House **with additional cost**; and request for the same need to be made separately through email well in advance
- Candidates need to make their own travel and food arrangement; However, lunch will be served during the training program

APPLICATION

Online application will soon be available on <https://erp.iitkgp.ac.in/CEP/courses.htm>

COORDINATOR

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ABOUT THIS CENTRE

This CoE 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 namely, HEC Ranchi, Tata Steel, Tata Sons, BHEL, Tata Motors & Tata Consultancy Services, 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. 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. A large number of start-ups have shown interest in getting associated with this CoE.