

Brief Report On

“Training Course on CNC Machines” Organized by the Department of Mechanical Engineering, Integral University, Lucknow.

Department of Mechanical Engineering, Integral University, Lucknow organized a paid “Training Course on CNC Machines” from 07.03.2022 to 12.03.2022 (One Week training program)

Computer Numerical Control (CNC) machining is a manufacturing process in which pre-programmed computer software controls the movement of tools during a cutting operation. CNC machines are vastly used for grinding, milling, turning and many more other machining operations. With CNC machining, three-dimensional cutting tasks can also be accomplished in a single set of prompts.

CNC machining can produce a broad range of metal components used across many industries, because of its ability to perform, accurate, consistent and complex cuts. Some examples of these industries are aerospace, automotive, electronics, firearms, hospitality, manufacturing, metalwork, military, production and transportation.

This training course offered hands-on experience and imparted practical knowledge to the participants. After completion of the course participants were well versed in developing CNC programs and executing them for simple as well as complex machining operations.

The participants also learned about the tool/work offset setting, axis setting, tolerance setting, program simulation, etc. on CNC Lathe & CNC Milling machine. Nine students participated in this paid training program for one week.

The faculty coordinator Ms. Sumita Chaturvedi and Mr. S.A. Thomas imparted training to the participants.

Certificates were provided to all the participants after successful completion by Dr. P.K.Bharti ,Head ,Department of Mechanical Engineering.



