

Internship On CNC Programming & Manufacturing (2 Weeks)

(Online Session)

COURSE CONTENT

- Module-1: Introduction to the program, History of CNC Machining
- Module-2: Basic tools, Types of milling tools
- Module-3: Basic of hard keys and soft keys, Basic of using software
- Module-4: Milling machine Axis system Practice, Basic codes of Milling
- Module-5: Milling Program Format, Face milling operation
- Module-6: End milling use, Name writing on the plate
- Module-7: Tool compensation use, Contouring, Pocketing
- Module-8: Drilling Operation, Tapping operation, Polar modes
- Module-9: Introduction to turning process, Types of tools and inserts
- Module-10: Lathe machine Axis system and practice, Codes of turning
- Module-11: Turning Program format, Facing Operation, Rough turning
- Module-12: Grooving operation, Drilling cycle, Tapping cycle
- Module-13: Internal threading, external threading, Boring operation
- Module-14: Project & Simulation