

Assignment -2

NC, CNC and DND Machine

1. Differentiate between NC and CNC .List there advantages and limitation?
2. Explain various type of tapes, with sketch used in NC machines?
3. Write a short not on recirculating ball screw with sketch? Why recirculating ball screw are used in NC and CNC machine tools?
4. Write short note on below title:
 - ❖ Open –close loop type control system.
 - ❖ Absolute and Incremental programming CNC machine system.
 - ❖ Rotary and Linear encoders.
 - ❖ Canned cycle.(Explain Drilling, Turning, Threading Canned cycle)
5. Explain geometrical and motion statements used in APT with illustration?