

CNC – Assignment 1

Submission date: 9 October 2023 upto 11.00 a.m.

Instructions: Submit the neat and clean assignment within prescribed time. Preferable A4 size white page.

- Q.1. What do you mean by NC? What are the basic component of NC machines? Explain in **brief**.
- Q.2. Explain the EIA coding system with neat sketch.
- Q.3. Explain the difference between NC machine and conventional machine.
- Q.4. What do you mean by CNC? What are the basic component of CNC machines? Explain in **brief**.
- Q.5. Explain the difference between NC machine and CNC machine.
- Q.6. What is adaptive control? Name the different type of adaptive control.
- Q.7. What is slideways? Explain different type of slideways used in NC machines.
- Q.8. What is automatic tool changer? Explain different type of tool magazine used in CNC machines.
- Q.9. Discuss any two swarf removal methods in CNC machine.
- Q.10. Explain the purpose of PLC (program logic control).