

### **CNC – Assignment 3**

**Submission date:** 05 December 2024 up to 11.00 a.m.

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

- Q.1. What are the main problems in mechanical, electrical and pneumatic components of a CNC machine? Explain.
- Q.2. Explain any five fault-finding techniques.
- Q.3. What is automation? Explain three type of automation.
- Q.4. What is an automated guided vehicles (AGV)? Explain different type of AGV with the help of neat sketch.
- Q.5. What is flexible manufacturing system (FMS)? Explain different type of FMS with the help of suitable diagram.
- Q.6. What do you mean by Robot? Explain different type of robotic joints with the help of neat sketch.