

## **Diploma in Mechanical Engineering (Manufacturing)**

### **SYNOPSIS**

Diploma in Mechanical Engineering (Manufacturing) is designed to cover the current wide discipline of mechanical engineering with added specialization in the area of manufacturing. The mechanical engineering foundation courses which include Computer Application, Engineering Drawing, Computer Aided Design, Occupational Safety and Health and Mechanical Workshop provide versatility to the graduate, and emphasize the area of specialization in manufacturing. Some of the specialised courses include Workshop Technology, Manufacturing System, Materials Technology, Computer Aided Manufacturing Design, Industrial Robotics, Manufacturing Control, Quality Control, Jigs, Fixtures & Tooling Design, Engineering Design, Manufacturing Economy, Instrumentation & Control and Industrial Maintenance.

### **JOB PROSPECT**

This programme provides knowledge and skills in mechanical and manufacturing engineering field that can be applied to a broad range of careers in mechanical and manufacturing engineering. The knowledge and skills that the students acquire from the programme will enable them to participate in the job market as:

- Technical Specialist
- Technical Assistant
- Quality Technician
- CNC Programmer
- Production/Process Planner
- Purchasing Technician
- Product Designer
- Design Drafter
- CADD Technician
- Process Technician