



DIPLOMA IN ENGINEERING TECHNOLOGY (INDUSTRIAL PLANT MAINTENANCE)

JPT/BPPP(K) 1000-600/B293 Jld. 5(2)(R/520/4/0041)(MQA/FA2040) 02/2023

PROGRAMME BRIEF

The Industrial Plant Maintenance programme is an ideal choice for students with good technical aptitude who take pride in their work in maintaining highly complicated modern manufacturing, industry, and energy plants. The main activities are blueprint reading, dismantling, re-assembling, modification, aligning, calibrating, piping, parts replacement, process troubleshooting and preventative/predictive maintenance management.

This programme prepares students with knowledge and skills in maintenance activities related to mechanical, electrical and electronics in the field of instrumentation and control to ensure the optimum functionality of production plants. Industrial plant maintenance also involves problem solving skills in which identifying the problem and providing with the best and safest means of rectifying and solving the problems are integral parts of the maintenance process.

Industrial plant maintenance personnel are usually multi-tasks individuals who will take safety, health and environment as the pivotal aspect of maintenance.

CORE STUDY AREAS

- Industrial Plant Safety, Health & Environment
- Rotating Equipment, Valve and Piping Technology
- Supervisory Control and Data Acquisition (SCADA)
- Print Reading & Plant Reverse Engineering

JOB OPPORTUNITIES

- Plant Technical Specialist
- Plant Maintenance Technical Assistant
- Control & Instrumentation Technologist
- Technical Sales Executive