



DIPLOMA IN ENGINEERING TECHNOLOGY (JIGS & FIXTURES DESIGN AND MANUFACTURING)

JPT/BPP(K) 1000-600/B293 Jld 5(6)(N/521/4/0180)(MQA/PA 9540)03/2023

PROGRAMME BRIEF

In manufacturing product for automotive sectors, the number of jig and fixtures required are four times higher than mould and die. This is due to the highly usage of these tools in production, inspection and assembly to achieve the repeatability and accuracy of the product.

This program focuses on the design and manufacturing of jig & fixture for automotive industry. Students will experience the complete cycle of design and manufacturing process in this program that gives them an added advantage, using real manufacturing machines.

It covers all the processes related to the design and development of jig and fixture. With this the student is exposed to various types of skills namely processing, design and managerial skills which allows them to work efficiently at all stages of work process.

CORE STUDY AREAS

- Fundamental of Jigs & Fixture Design
- Advanced Jigs & Fixture Manufacturing
- Jigs & Fixtures for Common Industries
- Jigs & Fixtures Design for Automotive Industries

JOB OPPORTUNITIES

- Jigs & Fixtures Designer
- Tooling & Fixtures Specialist
- Tooling Specialist
- Production Specialist (Jigs & Fixtures Fabrication)