

Technical Training

Practical courses for engineers, technicians and production personnel in Malaysian manufacturing SMEs, using industry examples and applied exercises.



01

Mechanical Engineering Fundamentals

Build understanding of forces, motion, mechanical components and engineering calculations. Apply these principles to interpret how machines and assemblies function.



02

Manufacturing Methods and Process Selection

Explain machining, forming, moulding and assembly methods, including their capabilities and limitations. Practise matching production methods to component geometry, tolerance and volume requirements.



03

Quality Management and Inspection

Develop knowledge of quality systems, measurement practices and inspection planning. Use acceptance criteria and inspection records to assess conformance to customer requirements.



04

Structured Problem Solving

Teach problem definition, evidence gathering, root cause analysis and solution evaluation through case exercises. Apply tools such as cause-and-effect diagrams and the five whys to engineering problems.



05

Technical Report Writing

Teach clear presentation of engineering observations, results and recommendations. Practise organising reports, explaining data and writing concise conclusions for technical and management audiences.