

COURSE NAME: Advanced Diploma in Mechanical Engineering

INTRODUCTION: Advance Diploma in Mechanical Engineering is for candidates who want to begin a career within the construction industry, specializing in general Mechanical engineering works across the local industry. They will wish to progress as a competent Mechanical engineer. Candidates are required to demonstrate the ability to perform the necessary practical skills and the knowledge required to complete the assessments.

CODE: ADME

MNQF: Level 6

DURATION: 2 years

COURSE FEE: 78,800 MRF

Registration Fee: 500 MRF

SEM I: 19,200 MRF

SEM II: 19,200/- MRF

SEM III: 19,200 MRF

SEM IV: 19,200 MRF

MODE: Face to Face

ENTRY CRITERIA: Successful Completion of Higher Secondary Education OR

MNQF level 4 qualification in the Mechanical Engineering field

INTAKE: January / July

MODULES:

SEMESTER I

- Engineering Mechanics
- Principles of Electrical and Electronic Engineering
- Engineering Drawing and Computer Aided Engineering
- Engineering Materials and Manufacturing Processes

SEMESTER II

- Electrical Drives and Control
- Thermodynamics and Thermo Fluids
- Mechanical Engineering System
- Engineering Mathematics - 3

SEMESTER III

- Dynamics of Machine
- Fluid Mechanics and Hydraulics
- Energy Science and Applications
- Heat Transfer and Combustion

SEMESTER IV

- Mechatronics Systems and Robotics
- Industrial Economics and Management
- Machine Design
- Design Project