

COURSE NAME: Advanced Diploma in Electrical & Electronics Engineering

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

CODE: ADEEE

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 Electrical field

INTAKE: January / July

MODULES:

SEMESTER I

- Electromechanical Energy conversion
- Circuit Theory
- Programming Concepts
- Analogue Electronics

SEMESTER II

- Digital Electronics
- Telecommunication Principles
- Signals & Systems
- Engineering Mathematics-3

SEMESTER III

- Digital Signal Processing
- Control System
- Digital System & Design
- Principles & Application of Microcontrollers

SEMESTER IV

- Programmable logic controllers and Industrial automation
- Power System Analysis
- Electrical Machines and Drives
- Design Project