

COURSE NAME: Bachelor's in Electrical & Electronics Engineering

INTRODUCTON: Bachelor of Electrical and electronics Engineering is for candidates who want to begin a career within the construction 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: BEEE

MNQF: Level 7

DURATION: 3 years

COURSE FEE: 145,200 MRF

Registration Fee: 500 MRF

Year I: 45,600 MRF

Year II: 48,000/- MRF

Year III: 51,600 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

- Engineering Mathematics 1
- Programming Concepts
- Circuits and devices
- Electrical technology
- Design and Communication

SEMESTER II

- Engineering Mathematics 2
- Analogue and digital electronics
- Electrical Machines
- Transformers and Switchgears
- Project 1

SEMESTER III

- Engineering Mathematics 3
- Electrical Energy generation, distribution and Utilization
- Microprocessor and Microcontrollers
- Power Electronics and Industrial drives
- Project Management

SEMESTER IV

- Digital signal processing
- Control System
- Control System
- Innovation & Entrepreneurship
- Design and Innovation - Group Project 3

SEMESTER V

- Elective I
- Robotics
- Renewable Energy
- Industrial management and Safety

SEMESTER VI

- Elective II
- Energy Conservation and Energy Audit
- Energy and Environment
- Electrical Traction & Electric Vehicles
- Final Group Project 2