COMFRONT INSTITUTE OF TECHNOLOGY

Accredited Training Partner • Directorate of Skill Development, Govt. of Tripura • NSDC & NCVET Aligned

Central Administrative Campus: Ramkrishna Sarani, Kumarghat, Unakoti District, Tripura - 799264

DOMESTIC ELECTRICAL SOLUTIONS & SUBSTATION SAFETY

NSQF Level 4 • 420 Hours (3.5 Months) • Ref: CIT-CRS-ELEC04 • Academic Year 2025-26

Sector Skill Council Affiliation

Electronics Sector Skills Council of India (ESSCI)

Course Duration & NSQF Certification

420 Hours (3.5 Months) (NSQF Level 4 Certification by NCVET)

Minimum Educational Eligibility

Class 10th / 12th pass with basic numeracy and literacy.

Curriculum Modules & Laboratory Schedule

Module 1: Electrical Wiring Principles, Circuit Breakers & Conduit Fitting
Module 2: Domestic Switchboard Assembly & Continuity Testing
Module 3: Substation Transformer Basics & Single-Phase/Three-Phase Wiring
Module 4: Inverter, UPS & Battery Maintenance
Module 5: Earthing Resistance Measurement & Overload Protection
Module 6: Industrial Electrical Safety & Standard Testing Protocols