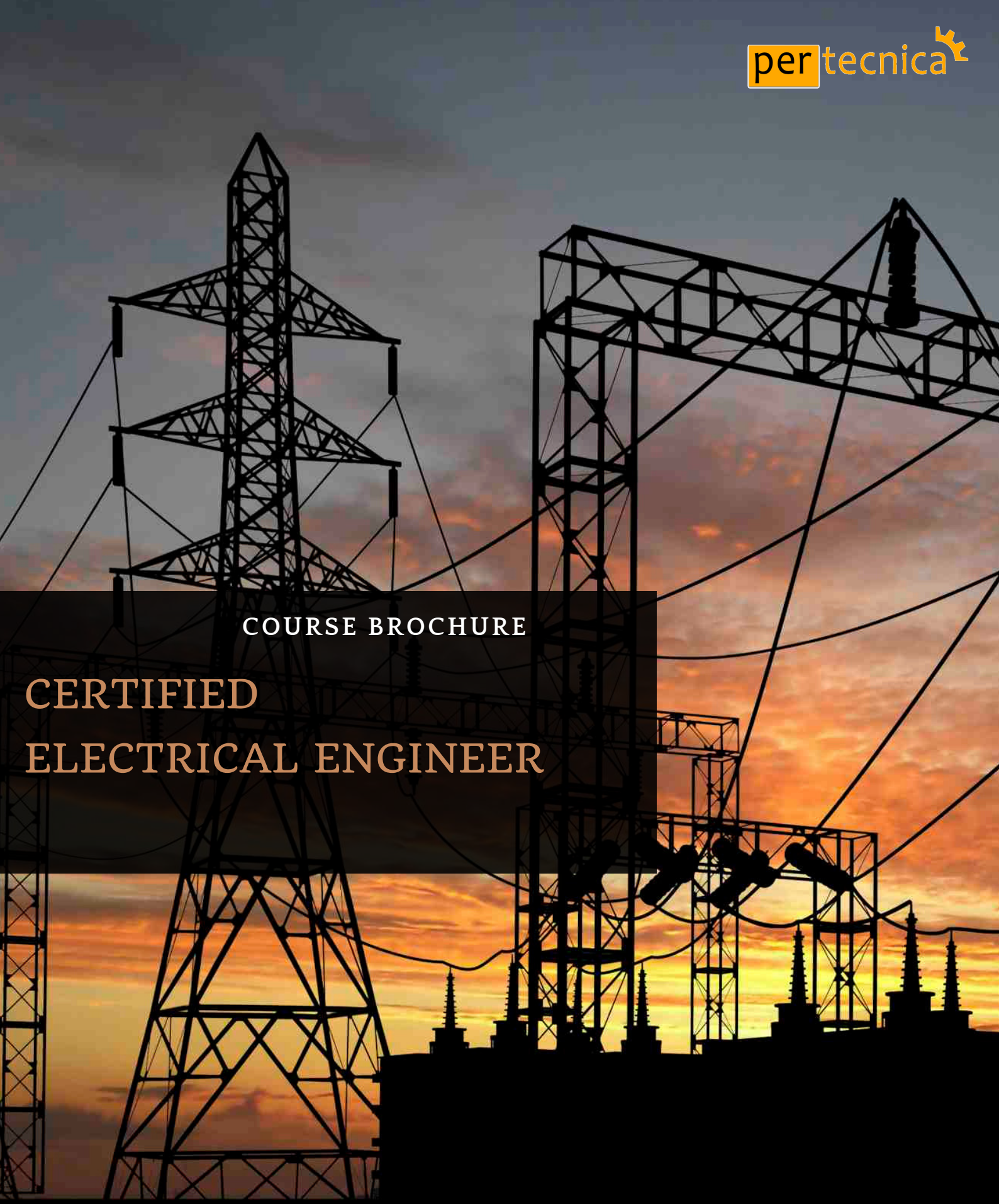


COURSE BROCHURE

CERTIFIED ELECTRICAL ENGINEER

PERTECNICA ENGINEERING

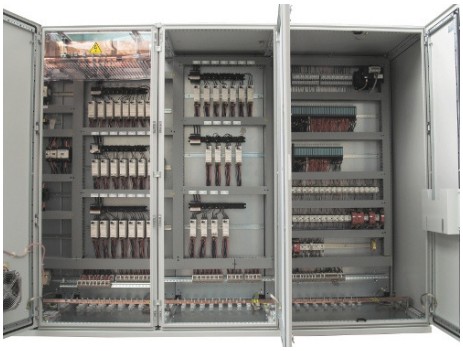
ABOUT THE COURSE

THIS IS A CERTIFIED ELECTRICAL ENGINEER TRAINING PROGRAM WITH 3 MONTHS INTERNSHIP CERTIFICATE FOR ELECTRICAL ENGINEERS.

Pertecnica Engineering expertise training & internship to BE / B Tech (EEE) students.

This training program is the first of its kind in India and ranked as India's best designed plant technologies course for those who want work as Project Engineers.

Our faculty are internationally certified & worked with world class companies



OUR TRAINING PROGRAM COVERS THE FOLLOWING AREAS

- Introduction to Electric equipment
- Power plants (Coal fired, Gas fired, CCPP)
- Refineries & Petrochemical plant
- Electrical systems design, Selection criteria
- Review of Single line drawings (SLD)
- Selection of Motors, Industrial fans, Variable frequency drives, and Motor control centers
- Circuit breaker selection, Relay selection, Transformers
- Lightning, surge protection & Earthing
- Generators
- Switchgear, Substation
- Transmission lines
- Preparation Load Schedule, BOQ preparation
- Electrical safety
- Plant Operations & Troubleshooting procedure
- Plant safety (NEBOSH, OSHA)
- Plant automation (PLC, SCADA)

Duration: - This is a three (3) months' program with case studies and project work.
Course fee: Rs. 36,000/-

CASE STUDIES

- Power plants
- Cement plants
- Building electrical systems
- Railway electrical systems
- 220-13-33KV substation
- 33-11-0.450V substation
- 400KV Transmission line
- Solar plants

JOBS ELIGIBLE

- Petroleum Engineer
- Drilling Engineer
- Operations Engineer
- Power plant Engineer
- Control Engineer
- Substation Engineer
- Design Engineer
- Engineering - Safety
- Field Engineer
- Field Technician
- Procurement Engineer
- Project Engineer
- Process Engineer
- QA/QC
- Planning Engineer

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