



AEDEI

LINEMAN/TECHNICIAN TRAINING



FEES AND DURATION :-

DURATION: ONE MONTH

MODE: WEEKEND

**ADVANCE ELECTRICAL DESIGN
& ENGINEERING INSTITUTE**

**(Registered under MSME & An ISO
9001:2008 CERTIFIED)**

C-1 2nd Near Floor ,Near Nirman Vihar
Metro Station Laxminagar, Delhi 110092 ,
Ph:8467024957

Web:-www.advanceelectricaldesign.com

ABOUT US

Advance Electrical Design & Engineering Institute (AEDEI) , **Registered under MSME , An ISO 9001:2008** Certified Institute of Electrical Design & Engineering training programs for Dedicated to Electrical Engineers . AEDEI is latest venture for providing the quality education in the best possible facilities is a key aim of Skill developments for various verticals in Electrical Engineering design.

OUR MISSION

Our Technical Institute offers a full range of training in electrical ,Electronics &Communication and mechanical design courses full fill requirement of current industries ,

These courses which encompass all aspects of core electricity from fundamentals to in-depth of design knowledge are based on several value adding pillars.

Our trainers share their know-how and design experience through demonstrations on dedicated equipment on industries. Courses include training dedicated documents and the possibility of follow-up with regular /internship /e-learning modules. Over one to 45 days depending on the topic, trainees get in-depth, hands-on instruction and the opportunity to practice their acquired know-how.

We cover all the range of engineering industries skills disciplines:

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Process Design Training Course	Instrumentation Design Training
Electrical System Design	Instrumentation Design Training
Solar Power Plant Design	Structure Design Training
Substation Design	Hybrid Electrical Vehicle Design Training
Technical Transformer Design	Piping Design training

OBJECTIVES OF TRAINING

- To make the Engineers expertise in Various engineering design field by experience faculty
- Engineers Job oriented programs.
- Develop the key skill in Electrical Designing for employments
- To familiarize with industries norms (BIS Code, NEC Code, IEC Code, IEEE Code , NFPA Code etc)
- To share experiences of various best practices
- To clarify their doubts in the execution process

KEY FEATURES OF TRAINING

- ✓ First Certified institute for electrical and Electronics Engineers.
- ✓ Employment opportunities - EPC Companies, thermal power plant,
- ✓ Government sector (Contract Basis), Manufacturing, construction (Electrical Work).
- ✓ **Placement Partner with 10+companies in India.**
- ✓ Expert Faculty from Industries experience more than 7 year and Electrical Consultants.
- ✓ Hands on training facility on live projects(Power Sector and Infra sector)
- ✓ **Available Latest electrical software for Designing(Dialux, ETAP, CG Lux. Auto CAD, Substation D)**
- ✓ study materials provide by AEDEI
- ✓ Library of IS CODE , NEC Code, IEEE Code, IEC Code
- ✓ **Individual Candidates provided projects for designing.**
- ✓ Visiting solar power plant during practical session
- ✓ Visiting on switch yard/substation for practical session.
- ✓ **Certified by Design Engineer -Electrical.**
- ✓ More than Eleven courses for Electrical Engineers.

SYLABUS OF LINEMAN/TECHNICIAN FOR LINE & SUBSTATION

- Safety process and procedure as per client rule/norms following standard process like PTW.
- Planned shutdown (Preventive and predictive)
- Emergency troubleshooting as and when applicable basis
- T&P items for safety and maintenance
- To take shutdown from Shift operation staff and return it post maintenance work
- 11kV SWBD with 2 no's I/C, 1 no B/C and O/G with 1/2 Bus-bar shutdown and full Bus-bar shutdown
- method and its VCB maintenance
- 66/33kV Bus Bus maintenance (Full OR Half based on availability)
- 10MVA Power Transformer Maintenance
- CB, CT, PT, ISO & LA switch-yard equipment maintenance
- Thermo scan of all Hardware clamps and connectors across Joint(Conductor OR IPS Tube) and healthiness checking
- Knowledge of interlocking between ISO (Main), ISO (Earth-switch) and CB to start shutdown OR breakdown maintenance and during closing of maintenance.