

19. POWER TRANSFORMER (CONSTRUCTION & OPERATION)

COURSE CODE : PTCO || 2 DAYS

A two-day programme combining theory, demonstration, and hands-on practice, conducted by experienced instructors, designed to provide comprehensive understanding of the role of power transformers in electrical power systems up to 33 kV, including transformer types, components, operating principles, and proper management to enhance efficiency, performance, safety, and cost effectiveness.

COURSE CONTENT

- Alternating current (AC) systems
- Power losses and efficiency
- Rating plate
- Vector group
- Components
- Percentage impedance and fault current
- Types of power transformers
- Neutral earthing of power transformers
- Conditions for parallel operation

RECOMMENDED FOR

- Electrical Engineer
- Electrical Technician
- Electrician
- Electrical Chargeman (Authorized Person)