Objectives

- Become conversant in basics of transformer and reactors design and construction, accessories, auxiliary & monitoring devices.
- Understand Operation and maintenance.
- Identify content of safety

Audience

Personnel from Power Utilities, Power Generation, transmission companies & industries and Consultants responsible for engineering, commissioning, operation and Maintenance of substations.

Course topics

- Basic Electrical Concepts regarding Transformers and Reactors
- Working principles, core, winding, losses etc
- Introduction to Transformers & reactors - Construction, Operation, accessories, cooling methods, transformer connections – start, delta, Zigzag
- On Load Tap Changer
- Inspection and test procedures commonly performed on transformers
- Operation & Maintenance – Do’s & Don’t
- Transformer Oil, Dissolved Gas Analysis
- Interpreting Oil Test Results and Maintenance Options
- Monitoring and Digitalization of Transformer
- Diagnostic Testing and Life Extension
- Manufacturing & assembling process
- Core, winding, Bushing and other accessories assembling
- Safety: standards and regulations, safe work procedures, and usage of personal protective equipment
- Case Studies, Q & A, Open Discussion
Date and Location

- **Date:**
  
  Call 1: March 16th – 20th
  
  Call 2: July 13rd – 17th

- **Class time:** 08h30 - 14h30

- **Location:**
  
  ABB Power Products & Systems India Ltd
  
  Maneja, Vadodara
  
  390013 - Gujarat
  
  India

Price

2.750 $ per person

Registration

Register here: madrid.abbuniversity@es.abb.com

Please register before

Call 1: March 2nd

Call 2: June 29th

Contact us

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For more information


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