The goal
The goal of the course is to provide a complete foundational understanding of the internal and external elements of the transformer and fundamentals of transformer operation and maintenance.

Learning objectives
Upon completion of this course, participants will:
• become conversant in basics of transformer design and construction
• understand operation and maintenance.

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

Prerequisites
This course requires working knowledge of basic electricity. Students must wear safety toe shoes or boots while entering the labs. No shorts or sandals will be allowed.

Topics
• Basic Electrical Concepts regarding Transformers
• Introduction to Transformers – Construction, Operation, Accessories, cooling methods,
• Testing on of power transformer.
• Erection, commissioning, maintenance, Trouble shooting.
• Q & A, Open Discussion

Course type
This is a face to face class room training.
Learning methods and tools
Lectures, demonstrations and visit of transformer shop floor factory. The language of the course is English

Laptop or tablet is required to have access to the e-documentation. Please bring your own device.

Duration
The duration of the course is two days.

To Register:
LMS:- MyLearning
Sign In: check IE browser setting Click SIGN IN to Sign-up or Log-In with your ABB account.
Search: please enter course number INTCV551 into the search field. (Please check the language filter EN)

The latest version of the course portfolio, and course schedule can be found on our ABB PowerTEC Webpage:
http://new.abb.com/service/abb-university/india
or
scan the below QR Code:

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