

## **Condition Assessment & RLA of Power Transformers**

**Course Code: TR-B-1, Duration: 2 days**

- Structure of transformers
- Factory tests
- Aging mechanisms
- Gas-in-oil analysis (DGA)
- Ratio and no-load current measurement and its significance
- Resistance measurement & Tap changer testing
- Capacitance and dissipation factor measurement of the inner insulation
- Capacitance and dissipation factor measurement of high-voltage bushings
- Leakage reactance measurements
- Analysis of Mechanical condition & winding damages with the SFRA method
- Partial discharge measurements of power transformers
- DP and Furan measurement and test data assessment criteria

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**LAXMI ASSOCIATES**

## VADODARA