

Condition Assessment of CVT (Capacitive Voltage Transformer)

Course Code: TR-B-10 Duration: 1 day

- **Constructional features of CVT**
 - C1 and C2 capacitors.
 - Compensating reactor.
 - EMU Unit
 - Compensating reactor
 - Secondary circuit

- **Condition assessment of CVT**
 - Capacitance and Power Factor Measurement ,C1 and C2 measurement separately in case of non-availability of C2 test tap also.
 - Interpretation, Trend monitoring & Limit values for C1 and C2 test.
 - Secondary voltage monitoring and limitation of the method
 - Ratio tests.
 - Secondary winding IR value
 - Reasons of CVT failure

- **Maintenance schedule and their importance**
 - Temperature of EMU Tank.
 - Oil level check.
 - Visual inspection for leakage

- **Case studies- CVT incipient fault detection by condition based monitoring.**

- **Investigation of CVT failure and finding of design, manufacturing weakness.**

CALL US ON +91-9374076950

EMAIL: rayaradhana@yahoo.com

LAXMI ASSOCIATES
VADODARA