

# Transient Voltages of Power Systems

## Course Objectives:

Upon the successful completion of this work shop, participants will be able to understand:

- ✓ Over voltages of power systems
- ✓ Disruptive Discharge and Withstand Voltages
- ✓ Lightning Over voltages of Transmission Lines
- ✓ Lightning Performance of Transmission Lines
- ✓ The Switching Surge Design of Transmission Lines
- ✓ Insulation for Switching Surges
- ✓ Switching Surges FO strength of Insulating Strings
- ✓ Correction of Switching Surge Flashover Data to Stranded Conditions
- ✓ Insulation for Power Frequency Voltages
- ✓ Calculation of Lightning performance of EHV
- ✓ Insulation Co-ordination

## Training Methodology:

1. Expert tutor input using power points.
2. Delegate discussion and involvement.
3. Case studies, Best practice examples.
4. Supportive comprehensive course manual enabling practical application and reinforcement.
5. Workshops Topics and Handouts, Power Point Presentation for each session.

## Course Duration:

The training course duration is **5 Days**

### Course Certificate:

**MSTC** certificate will be issued to all attendees completing minimum of 80% of the total tuition hours of the course.

### Training Methodology:

1. Expert tutor input using power points.
2. Participants' discussion and involvement.
3. Case studies, Best practice examples.
4. Supportive comprehensive course manual enabling practical application and reinforcement.
5. Workshops Topics and Handouts, Power Point Presentation for each session.
6. The course delivers in interactive learning way as 80% practical and workshops and 20 % theoretical background.

## INTERNATIONAL SPEAKERS:

Delivering information through knowledge & experience obtained by renowned international speakers is one of the effective tools adopted by **MSTC**.

## ON SITE TRAINING:

- ✓ Customize the training program to your workplace.
- ✓ Conduct the training program when & where you need it.
- ✓ Save more than 50% by conducting **MSTC** training workshop at your premises.

**To request full detailed outlines, instructor's profile or any information about registration, please don't hesitate to contact us at:**

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