

Advanced Electrical Safety 2012

Speaker:



Mr. Prashant Srivastava

Registration Enquiries:

For Booking Details Please Contact

Tel: +91 -22 - 619 25400

Fax: +91-22- 619 25410

Email: info@apexconferences.com

Website: www.apexconferences.com



Venue Details:

Bangalore

Hotel Capitol

Bangalore

Date: 19th – 20th April 2012

Mumbai

Hotel Holiday Inn

Mumbai

Date: 26th – 27th April 2012

Delhi

Hotel Connaught

New Delhi

Date: 3rd – 4th May 2012

...Knowledgeable, Entertaining and Outstanding Presentation...



Mr. Prashant Srivastava

Mr. Prashant Srivastava is a Graduate Electrical Engineer from Indian Institute of Technology, Kanpur and an MBA from AIMA, New Delhi. During his career spanning over thirty years, he has experienced industry in many capacities and in many sectors.

He has designed and manufactured over 50 machines for Steel, Food, Automobile, White Goods, Electronics, Chemical and various other industries. He has undertaken more than thirty training courses on Electrical Engineering and Mechatronics.

He has also conducted several workshops on improving energy efficiency and reducing Carbon Di Oxide Emission from Fuel fired furnaces with UNDP under Ministry of Steel. He has travelled extensively abroad and has visited most of North America, Western Europe, Far East, South East Asia and Middle East in professional capacity.

Work Profile:

- He started his career in Larsen & Toubro, Bombay, where he learned Switchgear Design, he has worked in Usha Martin Black, Lohia Machines and , SAMTEL in Projects, Maintenance and General Management, at senior positions.
- He has been imparting training to professional engineers and providing consultancy for last ten years.
- He has a regular customer in NTPC, Toyota Motors, HINDALCO, Bajaj Auto, Vedanta Group, Essar Steels and many other reputed companies, and has conducted several training programs (Open Workshops and In House) on Electrical Engineering topics.
- He has also provided training to several companies in Middle East.

Some important training courses conducted by Mr. Prashant Srivastava in last two years:

In House Programs in India:

- 1- NTPC- At several locations of NTPC plants
 - I. Operation, Maintenance and Testing of Power transformer
 - II. Operation , maintenance and testing High Voltage Switchgear
 - III. Operation , maintenance and testing HV Motors
 - IV. Operation & maintenance of UPS and Batteries.
- 2- Bajaj Auto - Advance Electric Safety
- 3- Vedanta - Substation Electrical Maintenance
- 4- ESSAR - Substation Electrical Maintenance
- 5- HINDALCO - Advance Electric Safety
- 6- Toyota Motors - Advance Electric Safety

In House Programs abroad:

- I. Protective Relay Coordination – Qatar
- II. High Voltage Switchgear maintenance – Qatar

Open Workshops - Several open workshops attended by senior level delegates from all over India.

- I. Advance Electric Safety
- II. Substation Electric Maintenance
- III. Power Quality
- IV. Protective Relay Coordination
- V. Industrial Drives

Training Program Agenda

Day One

Hazards of Electricity

- Shock
- Arc flash
- Static Electricity
- Burns
- Arc blast
- Electrical Fires
- Secondary Hazards
- Stoll curve

Arc Flash Hazard NFPA70E & IEEE 1584

- Conditions for Arc Flash
- Properties of arc flash
- Incident Energy of arc flash
- Flash protection boundaries
- Classes of Arc Flash hazards
- Arc Flash Hazard analysis
- Calculations of incident energy
- Calculation of flash protection boundary
- PPE for arc flash
- Mitigation of Arc Flash hazards
- Relevant software

Accident prevention

By detailed Power system studies e.g.

- Arc Flash hazard analysis
- Load flow analysis
- Short circuit current analysis
- Stability analysis
- Harmonics analysis
- Motor starting analysis
- Switching transient analysis
- Reliability analysis
- Cable amp analysis
- Ground mat analysis
- Relay coordination analysis
- By design of system and equipment
- By installing in safe manner
- By proper operation and maintenance

Day Two

Earthing & Lightning Protection

- Relevant standards & IE rules
- Measuring earthing resistance
- Earthing pits and mat earthing
- Substation earthing
- Chemical earthing
- Step & Touch potential hazards
- Earthing for Lightning protection
- Lightning protection electrodes
- Earthing connections
- Lightning protection Zones (EGM method)
- Lightning protection of equipment

Safety procedures

- Six basic steps to safety
- SHEPP
- Energized and de energized work
- Lock Out Tag Out procedures
- Equipment for energized work
- PPE for energized work
- Grounding for de energized work
- Safe racking of breakers
- Remote operations
- Safety one line drawing (SOLD)

Safety Management

- Electrical Safety Management Structure
- Company Electrical Safety team (CEST)
- Safety measurement parameters ES (Severity of Electrical Accident),
- ESI (Electrical Severity Index)
- Safety MIS

Case Studies

Registration Form:

Please register the following delegate(s) to attend this Training program.

Delegate 1 Title _____ First name _____ Surname _____

Job Position _____ Email _____

Delegate 2 Title _____ First name _____ Surname _____

Job Position _____ Email _____

Delegate 3 Title _____ First name _____ Surname _____

Job Position _____ Email _____

Company
Name _____

Address _____

Country _____

Postcode _____

Tel _____

Fax _____

Delegate Registration Fee:

No.	Nomination	Rate
1.	Single	21,500
2.	Two	41,700
3.	Three	61,275
4.	Four	79,980
5.	Five	96,750
6.	Plus Five	Corporate Discount

Note: 10.3 % Taxes as Applicable

5 EASY WAYS TO REGISTER

Web www.apexconferences.com

Fax Complete this page and fax to +91-22- 619 25410

Email info@apexconferences.com

Telephone +91-22- 619 25411

Post A-1, Laram Center, S.V. Road, Andheri (W), Mumbai – 400 058

Payment Method:

Payment may be made by cheque or bank transfer. Your place will be confirmed once payment has been received. Please tick the appropriate option indicating your preferred payment method.

- Cheque Crossed cheque or DD payable at Mumbai to "APEX CONFERENCES"
- Please invoice me (include contact details for invoice if different from above) Email: _____

Hotel and Travel costs **are not** included in the registration fee. For assistance in your travel and accommodation requirement, please refer to details below:

Room Reservation: Special / corporate rate for room accommodation is available in the hotel.

You may contact the hotel directly as per the details above quoting Apex Conferences, Mumbai or the name of the conference.

Flight Reservation:

Contact Person: Mr. Sajeed Nandolia at Essen Travel, Mumbai
Email: info@essenrentacar.com
Tel: +91-22-678 5441 / +91—9820536100 / +91-9819469177
Website: <http://www.essenrentacar.com/>

Please book at the earliest at your convenience.

Standard Terms & Conditions:

CANCELLATION, POSTPONEMENT & SUBSTITUTION POLICY. You may substitute delegates at any time by providing reasonable advance notice to APEX. For any cancellation received in writing not less than eight (8) days prior to the conference, you will receive a ninety percent credit to be used at another Apex Conference which must occur within one year from the date of issuance of such credit.

An administration fee 10% of the contract fee will be retained by Apex for all permitted cancellation. No credit will be issued for any cancellation occurring within seven days (inclusive) of the conferences. In the event that Apex cancels an event for any reason, you will receive a credit of 100% of the contract fee paid. You may use this credit for another Apex event to be mutually agreed with Apex, which must occur within one year from the date of cancellation.

In the event that Apex postpones an event for any reason and delegate is unable or unwilling to attend on reschedule date, you will receive a credit of 100 % of the contract fee paid. You may use this credit for another Apex event to be mutually agreed with Apex which must occur within one year from the date of postponement. Except as specified above, no credit will be issued for cancellation. There are no refunds given under any circumstances. Apex is not responsible for any loss or damage as a result of a substitution, alteration or cancellations / postponement of an event.

Apex shall assume no liability whatsoever in the event this conference is cancelled, rescheduled or postponed due to our fortuitous event, Act of God, unforeseen occurrence or any other event that renders performance of this conference impracticable, illegal or impossible. For purposes of this clause a fortuitous event shall include, but not to be limited to war, fire, labor strike, extreme weather or other emergencies.