



**Dates:** 25<sup>th</sup>-26<sup>th</sup> May 2018.

**Time:** 9:00 am to 6:00 pm.

**Venue:** Evolve - by TCR, 215 Pancham Icon, Nr. D-mart, Vasna Road, Vadodara, Gujarat.

## Course Objective and Scope:

- To know the function and working of switch yard equipment
- Operation and maintenance of switch yard equipment
- Evolving Maintenance procedure
- Need for advanced monitoring system and its effective use
- Prevent major failure

## Course schedule:

### **DAY – 1 – STEP BY STEP SWITCH YARD EQUIPMENTS**

#### **1ST Half**

##### **PRE-ASPIRATION**

- Substation single line diagram
- Parameters/ Rating
- Design basics
- Circuit breakers and isolators

#### **2nd Half**

- Identification substation equipment
- Circuit breakers, instrument transformers, transformers, disconnecter, lightning arrestor

### **DAY – 2– Equipment maintenance**

#### **1ST Half**

- Construction, Application & Linking to operation and maintenance.
- Evolving maintenance practice

#### **2nd half**

- Case study to prevent major failure need for advance monitoring system.

#### **POST ASSIMILATION**

## Who Should Attend?

- Electrical engineers.
- Inspection engineers, storage and third-party inspectors.
- Technicians, operation, commissioning, maintenance CARE people who are involved or make a fresh start up -in day to day installation, operation and maintenance work of 66KV electrical switch yard equipment.

### **Registration:**

The course is limited to 20 candidates only. The allocation will be considered on first come first served basis. Interested candidates can register their names in attached registration form. Participants have to make their own arrangements for accommodation and local conveyance. The course fee is non-refundable; however, in case of cancellation of training course by TCR, it will be refunded. TCR accepts the change in nomination. The course fee includes participation, course material, and stationery. Tea / coffee and working lunch will be provided.

### **Course fee:**

Single participant: Rs. 9,500.00 for Indian delegates and USD 300 for foreign delegates  
GST @ 18.00 % applicable on above fees.

### **Payment Mode:**

Interested participants should mail/ E-mail the registration form along with DD/at par cheque in favour of "TCR ADVANCED ENGINEERING P. LTD." at address mentioned in registration form.

### **Forward your Registration forms to:**

**Mr. Rajesh Kumar**, HOD - Training

TCR Advanced Engineering Pvt. Ltd., 250/9 GIDC, Makarpura, Vadodara, Gujarat.

Ph: 0265-2657233, 7574805594-96

Email: [rajesh@tcradvanced.com](mailto:rajesh@tcradvanced.com)

Mobile: +91 7574801050

Registration form can be downloaded from our website: <http://tcradvanced.com/coursecalender.php>

For more course details,

check our FB page: - <https://www.facebook.com/EvolveTCR/>

### **TRAINING CENTRE & PROGRAMM CREATOR /DIRECTOR MR PRADIP J TRIVEDI**



**Mr. P Trivedi**

Mr Trivedi gained a BE (Electrical) with specialisation in switchgear and protection in 1974 from Gujarat University, Ahmedabad, going on to further study Cost Accountancy (1976) and Business Management (2005) for which he achieved an 'Outstanding Performance' result. His career path has been wide including Electrical Engineer with the Indian Navy & Scindia Steam Navigation.

30 years of Experience in ABB within the switchgear industry and in education – specifically as Head of Training and Customer Support – led to his FIRST creation of a training centre for Power Technologies, India.

He has worked for Areva/Alstom /GE since 2009 again focussing on the creation of training centres at Chennai Padappai and also at Vadodara. To date Mr Trivedi has trained more than 11000 people from electrician to chief electrical engineers in the field of high and extra high voltage substation equipment both at factory and at customers door steps

In addition, he has previously gained valuable commercial experience having been responsible for new product development, the management of a customer complaint resolution process and tendering management.

Whilst his present role focus is on training, Mr Trivedi has a wide number of practical activities to first credit including installing and commissioning a 400kV switchyard at Sarojininagar in India, having country's first recording DCRM at GEB Dhangadhra, COUNTRY'S FIRST commissioning an SF6 circuit breaker installing, commissioning and maintenance of 250 substations. He had also conducted several workshops on FRACTAL LADDER (EVOLVING AND CONNECTING INNERSELF TO GLOBAL CHANGES)