

Two Day Workshop on

Transformer Oil, Testing & Maintenance including filtration aspects

Date: 24th & 25th July 2014



Venue

HOTEL ATRIA

#1, Palace Road, Bangalore 560001
Tel : 080 - 22205205
Fax : 080 - 22256850

Organized by

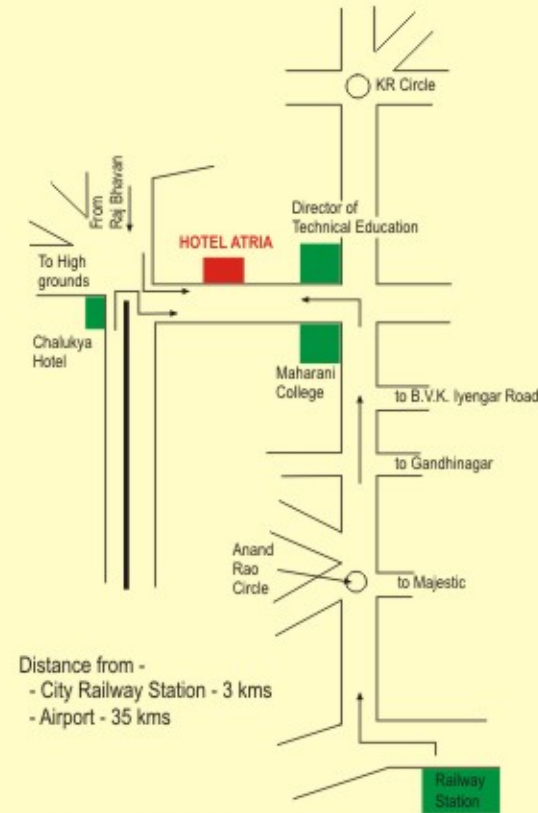


POWER EDUCATION TRAINING CENTER FOR EXCELLENCE IN ENGINEERING

#609, Shashi Kiran, New No. 47, 18th Cross,
Malleswaram, Bangalore 560055
Ph: 080-23313633, Mobile: 94805 23986

Fax: 080 22252733 email: krk.petcee@gmail.com

Venue - Location Map



For kind information

Bangalore is known as garden city with all time pleasant climate. Bangalore is a cosmopolitan city where people of different sects and language live with peace and harmony. There are several interesting tourist spots in and around Bangalore.

Bangalore metro transport corporation provides conducted tours.

A few websites where information on travel and hotel booking are available:

1. www.tcindia.com
2. www.travelairline.com
3. www.ktctours.com



Programme Director

Sri K.R. Krishna Swamy

Consultant & Former Additional Director,
Central Power Research Institute (CPRI)
Bangalore.

Ph: 080 23313633, 094805 23986

Email: krk.petcee@gmail.com

Date: 24th & 25th July 2014

Time: 9.00 am to 5.30 pm

Venue: Hotel Atria, Bangalore

Registration & Delegate Fee:

The Registration fee is Rs.7,900/- per delegate. The Programme being a **non-residential** one, the fee covers only course materials, Seminar proceedings, Tea/Coffee and Lunch.

Accommodation: Outstation participants will have to arrange for their own accommodation.

How to Register?

Please send your nomination in the Enrollment Form along with payment in the form of NEFT / Cheque / DD drawn in favour of PETCEE.

Delegates are requested to ensure that the Registration fee of Rs.7,900/- (Rupees Seven Thousand Nine Hundred only) is to be sent in advance by NEFT / Cheque / DD from their respective Organisation to PETCEE prior to commencement of the workshop.

You are requested to arrange for early registration by Email / Phone of PETCEE to ensure your delegate participation as large number of delegates are expected for this important event.

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ABOUT PETCEE

PETCEE has been established with a view to impart continuous educational programmes in the field of Power Engineering. PETCEE offers consultancy services and also impart training in various engineering disciplines, besides organizing periodic workshops / seminars for the benefit of practicing power engineers. PETCEE is managed by highly qualified Professionals having R & D, field experience for many decades. PETCEE faculty comprises of renowned experts drawn from R&D, Academic Institutions, Public & Private Utilities, Industries, etc.

INTRODUCTION

Insulating liquids obtained by processing of petroleum crude (mineral oils) are in use as coolant and insulating medium in Transformer for over a century. The quality and performance have been improved significantly, owing to the advancement of refining techniques, knowledge of chemistry and design of transformer introduced to suit oil characteristics. Since indigenisation of transformer oil manufacture, Indian industry has gained substantial expertise, various research institutions in India have contributed greatly to the development, standardization, analysis, reclamation, etc. of transformer oil to make it a mature technology.

It is felt that interaction of Researchers, Manufacturers of Transformers /

Transformer oil Processors, Engineers of power utilities can exchange experience on various aspects of Transformer Oil.

Keeping all the above aspects in view **Power Education Training Center for Excellence in Engineering** is organizing a two day Workshop on Transformer Oil.

OBJECTIVES

- ▶ To familiarize Engineers with all aspects of Transformer Oil Maintenance
- ▶ To familiarize Engineers with the state of the art and trends in the transformer oil Technology.
- ▶ To enable Engineers to create data bank and case histories to improve performance and minimize maintenance costs and to avoid premature failure of transformers.

WORKSHOP OUTLINE

- ▶ State of Art on Transformer Oil
- ▶ Latest trends in manufacturing transformer oil
- ▶ Significance and importance of Tests
- ▶ Evaluation of Transformer Oil
- ▶ Condition monitoring of Transformers through liquid insulation
 - Condition monitoring of Transformer Oil
 - Condition monitoring of Transformers by Dissolved Gas Analysis with case histories

- Condition monitoring & RLA of solid insulation by Furan Analysis
- ▶ Field tests to assess oil quality
- ▶ Mixing of Oil and their effects
- ▶ Reconditioning and reclamation of transformer oil - online/offline technologies

PROGRAMME METHODOLOGY

The programme will be conducted in an interactive environment providing greater scope for discussion. Emphasis will be on a highly participative style of learning.

WORKSHOP FACULTY

The faculty for the Workshop comprises of renowned experts who have contributed significantly in this field of Transformer oil, drawn from R&D / Academia / Utilities / Private bodies and have an experience of over three decades would deliver technical presentations.

WHO SHOULD ATTEND?

Engineers of power utilities / Corporations / State Electricity Boards / Government organization / Private Entrepreneur / Manufacturers / Industries / Research & Academic Institutions.

ENROLMENT FORM

Date

To,

K. R. Krishnaswamy

Convenor, PETCEE & Former Addl. Director, CPRI
#609, Shashikiran, New No. 47, 18th Cross, Malleshwaram,
Bangalore 560 055. Ph: 080 2331 3633, M: 94805 23986
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Kindly enroll the following delegates for the Two-Day Workshop on Transformer Oil, Testing & Maintenance including filtration aspects to be held on 24th & 25th July 2014.

Name (in Block Letters)

Designation

Address of the Organization

Ph (Off):

Fax :

Mobile :

E-Mail :

Enclosed Demand draft No.

dated for Rs.

Drawn in favour of **PETCEE** payable at Bangalore.

Signature of Sponsoring Authority