

OFFICIAL LANGUAGE

The course will be conducted in ENGLISH.

COURSE SCHEDULE

Day 1 (17 Nov 2009, Good Hope Hotel)

0800 - 0830	- Registration
0830 - 0900	- Opening ceremony
0900 - 1015	- Introduction to HV Technology
1015 - 1030	- Tea Break
1030 - 1200	- Module 1 (Transformer)
1200 - 1400	- Lunch and Rest
1400 - 1500	- Module 2 (Cable)
1500 - 1600	- Module 3 (Switchgear)
1600 - 1615	- Tea Break and Asar
1615 - 1715	- Module 4 (Insulator)
1715 - 1815	- Module 5 (Calibration)
1815 - 1830	- Break and Rest
2030 - 2200	- Dinner

Day 2 (18 Nov 2009, IVAT Lab)

0830 - 1030	- Session 1 (Hands on)
1030 - 1100	- Tea Break
1100 - 1300	- Session 2 (Hands on)
1300 - 1430	- Lunch
1430 - 1630	- Session 3 (Hands on)
1630	- Tea Break & End

Day 3 (19 Nov 2009, IVAT Lab)

0830 - 1030	- Session 4 (Hands on)
1030 - 1100	- Tea Break
1100 - 1300	- Session 5 (Hands on)
1300 - 1430	- Lunch
1430 - 1600	- Question and Answer

REGISTRATION DETAILS

Fee: The participation fee is **RM2700** per person, which includes course materials, lunches, refreshments and Certificate of Attendance. Participants are required to arrange their own accommodation and transport to the venue of the program.

Group Discount: 10% discount will be given for group registration of 5 or more participants.

Early Birds: The fee is **RM 2300** per participant for registration and payment received before **01 Nov 2009**

Number of Participants : Participation is limited. Basis of acceptance is on first come first serve.

Method of Payment: Please make crossed cheque in local currency payable to **"BENDAHARI UNIVERSITI TEKNOLOGI MALAYSIA"**.

CLOSING DATES

The organizer should receive registration forms latest by **12 Nov 2009**. This course will be postponed if the minimum number of participants is not met.

ENQUIRIES

All enquiries and correspondence should be addressed to :

Chairman

Short Course On Lightning Protection On High and Low Voltage System

Inst. Of High Voltage and High Current (IVAT)

Faculty of Electrical Engineering

Universiti Teknologi Malaysia

81310 UTM Skudai, Johor.

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(Miss Norhidayu/Pn. Hanifuniza)

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<http://fke.utm.my/ivat>



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



3-DAY SHORT COURSE ON HIGH VOLTAGE TESTING TECHNIQUES



17 - 19 NOV 2009

Venue:

Good Hope Hotel,
Skudai, Johor
and
IVAT Laboratory,
UTM Skudai,
Johor Bahru



ORGANIZED BY:
INSTITUTE OF HIGH VOLTAGE AND CURRENT (IVAT)
FACULTY OF ELECTRICAL ENGINEERING
UNIVERSITI TEKNOLOGI MALAYSIA
81310 SKUDAI, JOHOR

RECIPIENT OF MS ISO/IEC 17025

INSTRUCTORS

1. Dr. Hussein bin Ahmad is the professor of Faculty of Electrical Engineering, UTM since 1997 and is the current IVAT's director since 2001. He obtained his tertiary educations from University of Strathclyde B.Sc (Hons) and M.Sc on 1977 and 1981 respectively. He Pursued his Ph.D at UMIST, UK in 1986 on High Voltage Engineering.
2. Assoc. Prof. Dr. Zulkurnain Abdul Malek is currently the Deputy Director (Testing & Technology Transfer) of IVAT. He obtained his B.E. from Monash University in 1989 and his MSc and PhD (High Voltage) degrees from University of Wales, Cardiff in 1995 and 1999 respectively. He is an approved Signatory for IVAT'S Calibration Activities.
3. Assoc. Prof. Dr. Mohd Muhridza Bin Yaacob is currently the Deputy Director (Calibration, Consultancy & Continuing Education).He obtained his BSc (1986), MEng (1988),Phd (2004). He is an approved Signatory for IVAT'S Calibration Activities.
4. Dr. Zolkafle Buntat is currently the Deputy Director of Research and Development (R&D) of IVAT. He gained his BSc at the University of Strathclyde (1988), MEng in High Voltage at UTM (1996), Skudai and PhD in Pulsed Power at the University of Loughborough, UK (2005).
5. Dr. Mohamed Afendi Mohamed Piah is currently a senior lecturer of FKE. He obtained his BEE in UTM (1986) before continuing MSc in Power System at University of Strathclyde (1990), UK and finally gained his PhD (2004) in High Voltage at UTM, Malaysia.
6. Mr. zuraimy is currently his PhD in UTM in the field of EMC. Aspects in Lightning. He attained his Degree in Electrical and Emc Eng from University of Salford, (1995), Manchester, UK.

All instructors have published numerous conference and journal publications and have facilitated several courses related to High Voltage Technology.

OBJECTIVES

This short course aims to provide the participants with a review of high voltage engineering fundamentals and associated technologies with special emphasis on several high voltage testing techniques. The course has also been designed to give participants a hands-on experience on high voltage laboratory practice.

LEARNING OUTCOMES

At the end of this course, participants will be able to:

1. Identify the basic theory of HV testing techniques
2. Apply the procedures of testing the equipment
3. Setup the basic testing techniques for equipment
4. Conduct the equipment testing

TARGET PARTICIPANTS

This course is intended for engineers and researchers who are involved in Electrical Power Industry. It will also of value to those who wish to acquire, update and enhance the knowledge on various aspects of High

TOPICS

To bridge between theory and practical :

- * Introduction to High Voltage Technology (Prof. Dr. Hussein bin Ahmad)
- * High Voltage Transformer Testing (PM. Dr. Zulkurnain bin Abd Malek)
- * High Voltage Cable Testing (Dr. Zolkafle bin Buntat)
- * High Voltage Switchgear Testing (En Zuraimy bin Adzis)
- * High Voltage Insulator Testing (Dr. Mohd. Afendi bin Mohd. Piah)
- * Introduction to High Voltage Calibration (PM Dr. Mohd Muhridza bin Yaacob)

REGISTRATION FORM

(Please make photocopy of this form if an additional copy is required)

Chairman

Short Course on Lightning Protection On High and Low Voltage system

Inst. Of High Voltage and High Current (IVAT)

Faculty of Electrical Engineering

Universiti Teknologi Malaysia

81310 UTM Skudai, Johor.

Please register the following person (s) for the above mentioned course:

1. Mr/Ms:.....

Designation:

2. Mr/Ms:.....

Designation:

3. Mr/Ms:.....

Designation:

4. Mr/Ms:.....

Designation:

5. Mr/Ms:.....

Designation:

Organization :

Address :

Tel. No. :

Fax No. :

Encl. Cheque No.:.....

Amount RM :

Manager/ Contact Person:

Mr / Ms :

Designation: