



Organiser:

**UCTS Consultancy & Services Sdn Bhd
(UCSSB)**

In collaboration with

**Department of Electrical and Electronic Engineering School of
Engineering and Technology
University College of Technology Sarawak (UCTS)**

Residual Life Assessment of Power Transformers (IEC Standard)

Date **13th November 2017 (Monday)**
Time **09.00 am – 5.00 pm**
Venue **University College of Technology Sarawak**
Closing Date **11th November 2017 (Saturday)**
(We seek your kind cooperation to observe the closing date of this event)

Registration Fee:

RM1,000 / person

RM900 / group of 3

BEM Approval CPD / PDP hours = 6

Reference No: IEM17/SWAK/417/C

PSMB Approved Training Provider (Registration No.1183312-A)

Claimable under HRDF SBL Scheme

(Amount Claimable Subjected to HRDF Approval)

University College of Technology Sarawak*868 Persiaran Brooke, 96000 Sibul, Sarawak

Tel: + (6) 084- 367300, Fax: + (6) 084-367301

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Background

William Stanley, the man who built the first reliable commercial transformer says “Transformer is the heart of the alternating Current system”. Transformer is the most important unit in an electrical distribution network. All transformers are subjected to various tests at the manufacturer’s test laboratory before dispatch to the destination of erection. The normal life time of a transformer is 25 years. Residual life Assessment is required to determine the condition of the Transformer in order to identify the most vulnerable component of the equipment. Based on the evaluation, utilities can develop a strategic plan for a particular population of equipment in such a way so as to maximize the availability and utilization by avoiding unexpected failures and at the same time minimizing risk. This course is intended to give an understanding about the care take measures on a Power Transformers

This programme serves as a public training programme for the budding engineers in UCTS and engineers all over Malaysia

Objectives

The objectives achieved, at the end of the program:

1. The participant will acquire a broad knowledge on the different testing of transformers.
2. The participant would make an assessment on the residual life of power transformers.

Course Outline

The course is divided into 4 units, covering the basic outline of transformers

Unit 1: Basics of Transformers

Unit 2: Testing of Transformers

Unit 3: Guidelines for RLA studies on Power Transformers

Unit 4: Practical Session

About the Speaker

Dr. Geno Peter, completed the Bachelor of Engineering (B.E) in Electrical & Electronics Engineering from Bharathiar University, India (2004) subsequently completed Master of Engineering (M.E) in Power Electronics & Drives from Karunya University, India (2006), then received the Doctor of Philosophy (Ph.D) in Electrical Engineering from Anna University, India (2015). He started his career as Test Engineer with General Electricals (Transformer Manufacturing Company) in India ,subsequently worked with Emirates Transformer & Switchgear, Dubai as Test Engineer and then with Al-Ahleia Switchgear Company, Kuwait as Quality Assurance Engineer. He is a trained person to work on **HAEFELY, Impulse Test system, Switzerland**. He is a trained person to work on **Morgan Schaffer, Dissolved Gas Analyzer Test system, Canada**.

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His research interests are in Transformers, Power Electronics & Switchgears. He has trained Engineers from “Government Electricity board”, India on the various testing in transformers. He has given hands on training for Engineers from different Oil and Gas Companies in Dubai and Kuwait on testing of Transformers and switchgears.

He has 35 publications to his credit. He has published his Research findings in 14 International and 5 National Journals. He has presented his research findings in 16 International Conferences. He is a life member of ISTE.

Course Schedule

08.30am – 09.00am	Registration
09.00am – 10.30am	Unit 1: Basics of Transformers
10.30am – 11.00am	Morning Tea Break
11.00am - 01.00pm	Unit 2: Testing of Transformers
01.00pm – 02.00pm	Lunch
02.00pm – 03.30pm	Unit 3: Guidelines for RLA studies on Power Transformers
03.30pm – 04.00pm	Afternoon tea break
04.00pm – 05.00pm	Practical Session
05.00pm	End

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PARTICIPANTS REGISTRATION FORM

Please register the following personnel

No	Name	Profession	E-mail	H/P	Amount
1.					
2.					
3.					
4.					
5.					
6.					
Total (RM)					

**Fee must be fully paid BEFORE the CLOSING DATE. Seat could only be confirmed upon payment.*

Payment:

Mode 1: participants can come to **Admin & Finance department** to make the payment. **(cash term)**

Mode 2: participants may use **BANK TRANSFER, INTERNET BANKING, TELEGRAPHIC** transfer or **CHEQUES** to **UCTS CONSULTANCY & SERVICES SDN BHD**, Bank Acc: **BANK ISLAM (M) SDN BHD, 11068010010901**.

(Note: Participants need to email the transaction slip as proof of payment and stated their name, IC and reason of payment to ling.ai.wong@ucts.edu.my / drgeno.peter@ucts.edu.my or edwin@ucts.edu.my)

Authorized Signature

Company Stamp

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Terms and Conditions

1. You may substitute the participant at any time without additional cost.
2. For cancellation, please write using company letter head within 7 days for full refund. After that we may impose 20% cancelation fee.
3. The organizer has the right to replace a trainer or amend the course for the best interest of the participants.
4. The organizer reserves the right to reschedule the date or change the training venue due to circumstance beyond our control.
5. All transactions are in Ringgit Cash Term.

Contact persons:

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Dr Geno Peter (Tel: +(6)084-367473, E-mail: drgeno.peter@ucts.edu.my)

Mr.Edwin (Tel: +(6)084-367538, E-mail: edwin@ucts.edu.my)