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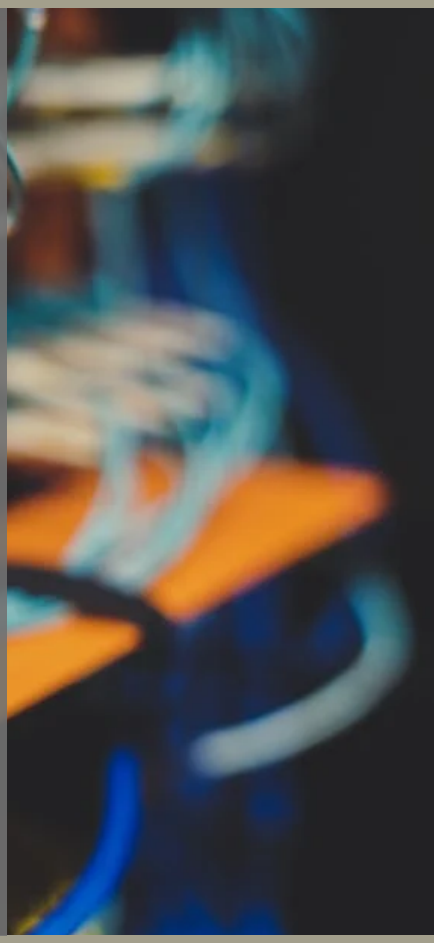
TEEAM SERIES OF TECHNICAL TALKS 02/2023

"Electrical Protection - Overcurrent & Earth Fault and Protection Relays"
"Fundamentals Of Protection and Their Basic Principles of Operation"

22 August 2023 (Tuesday)

09:30 am - 12:30 pm

Cybertorium Menara Star
No. 15, Jalan 16/11, Petaling Jaya



Our Speakers:



Mr. Ng Tong Heng



Ir. Chew Shee Fuee, KMN
Past President

Approved with 5 CIDB CCD

Register Now!

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www.teeam.org.my

Closing date: 14 August 2023

No.5-B, Jalan Gelugor, Off Jalan Kenanga, 55200 Kuala Lumpur
Email: philia@teeam.org.my

SYNOPSIS

"Electrical Protection - Overcurrent & Earth Fault and Protection Relays"

1. Overcurrent & earth fault - how to isolate fault and how the IDMT plays a role in protection,
2. Earth leakage relay - how earth leakage works and the importance,
3. New relay features - easy for troubleshooting, event records & NFC function,
4. New ST's guidelines on 4 years calibration.

"Fundamentals Of Protection and Their Basic Principles of Operation"

Protection is always regarded as the most complicated part of the electrical system. It is of course the crucial element of the electrical system that will ensure system stability in the event of electrical failures. Understanding protection in a way that will be beneficial to interpret the cause of electrical tripping and restoration process. In depth understanding of protection principles so that application of relays could be effective.

SPEAKER'S BIODATA

Mr. Ng Tong Heng is currently working as a technical support engineer in Mikro Sdn Bhd. He is part of the research and development team in the company with effort of continuous improvement of the existing product quality. Mr. Ng obtained his BEng (HON) degree from University Tenaga Nasional Malaysia with more than 12 years of experience in electrical industry. Prior joining Mikro he worked with Humach Engineering as project engineer for automation industry in PLC control & SCADA system. In Mikro, he spends most of his career in supporting and troubleshooting electrical system, especially for electrical protection system, protective relay, meters and other related application matters.

Ir. Chew Shee Fuee, KMN B Sc (Hons) (Strathclyde), PEng, CEng, FIEM, MIEE Member, IEEE Member, 1st Grade Electrical Engineer (Competent up to 500 kV). Ir. Chew was President of The Electrical and Electronics Association of Malaysia (TEEAM) for 2001-2005 and 2013-2017. He was the President of the ASEAN Federation of Electrical Engineering Contractors (AFEEC) for 2016-2018. He is the Immediate Past Chairman of The Institution of Engineering & Technology (IET) Malaysia Local Network. Ir. Chew is the Managing Director of G H Liew Engineering (1990) Sdn Bhd and Chris Chew Electrical Consultant. He graduated from the University of Strathclyde, Glasgow with a B Sc (Hons) in Electrical & Electronics Engineering. He is a Professional Engineer and is also licensed by the Energy Commission as a Competent Engineer (without voltage limits) and a Service Engineer to carry out electrical testing up to a voltage of 500 kV. Ir. Chew has more than 30 years of industry experience in electrical control and relay protection. He is also specialised in electrical site tests on power equipment, electrical fault investigation, service and maintenance of electrical switchgears and relays. His work also includes electrical supervision of sub-stations and electrical audit. He also presents lectures on electrical apparatus and the protection system. He was Vice-Chairman of MyENC (Malaysian Electro-Technical National Committee) and is a Member of Technical Committees (TCs) and Working Groups (WGs) in Standards Development.

Programme:

09:30am:	Registration and Networking Breakfast
10:00am:	Welcome Remarks
10:05am:	Electrical Protection - Overcurrent & Earth Fault and Protection Relays by Mr. Ng Tong Heng
11:05am:	"Fundamentals Of Protection and Their Basic Principles of Operation" by Ir. Chew Shee Fuee
12:05pm:	Q & A
12:30pm:	End with Networking Lunch