

ORGANIZED BY

MAESCO

(Pertubuhan Syarikat Syarikat Perkhidmatan Tenaga Malaysia)
Malaysia Association of Energy Service Companies

THERMAL ENERGY TRAINING COURSE

5 DAYS TRAINING PROGRAM

RM 5000/PAX (PUBLIC/NON MEMBER)

~~RM 4500/PAX (MAESCO MEMBERS)~~

RM 4500!

**SPECIAL
OFFER**

CONTACT US TODAY

Contact Person: Nurul/Jacky

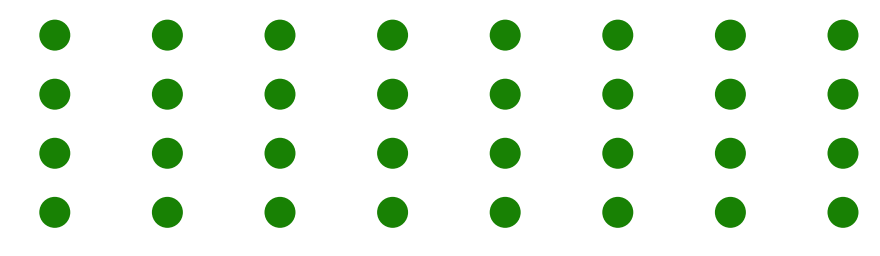
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OVERVIEW

Welcome to the Thermal Energy Training Course (TETC), a distinguished 5-day program designed to elevate the expertise of professionals in the intricate field of thermal energy management. This course is meticulously structured to offer an in-depth exploration and hands-on experience in optimizing thermal energy systems and implementing energy-efficient solutions. As a gateway to mastering the latest methodologies and innovations in thermal energy, the TETC brings together industry veterans and emerging professionals. Led by experts renowned for their contributions to the field, this training is a cornerstone for those aspiring to make impactful advancements in energy efficiency and sustainability.

WHO SHOULD ATTEND?

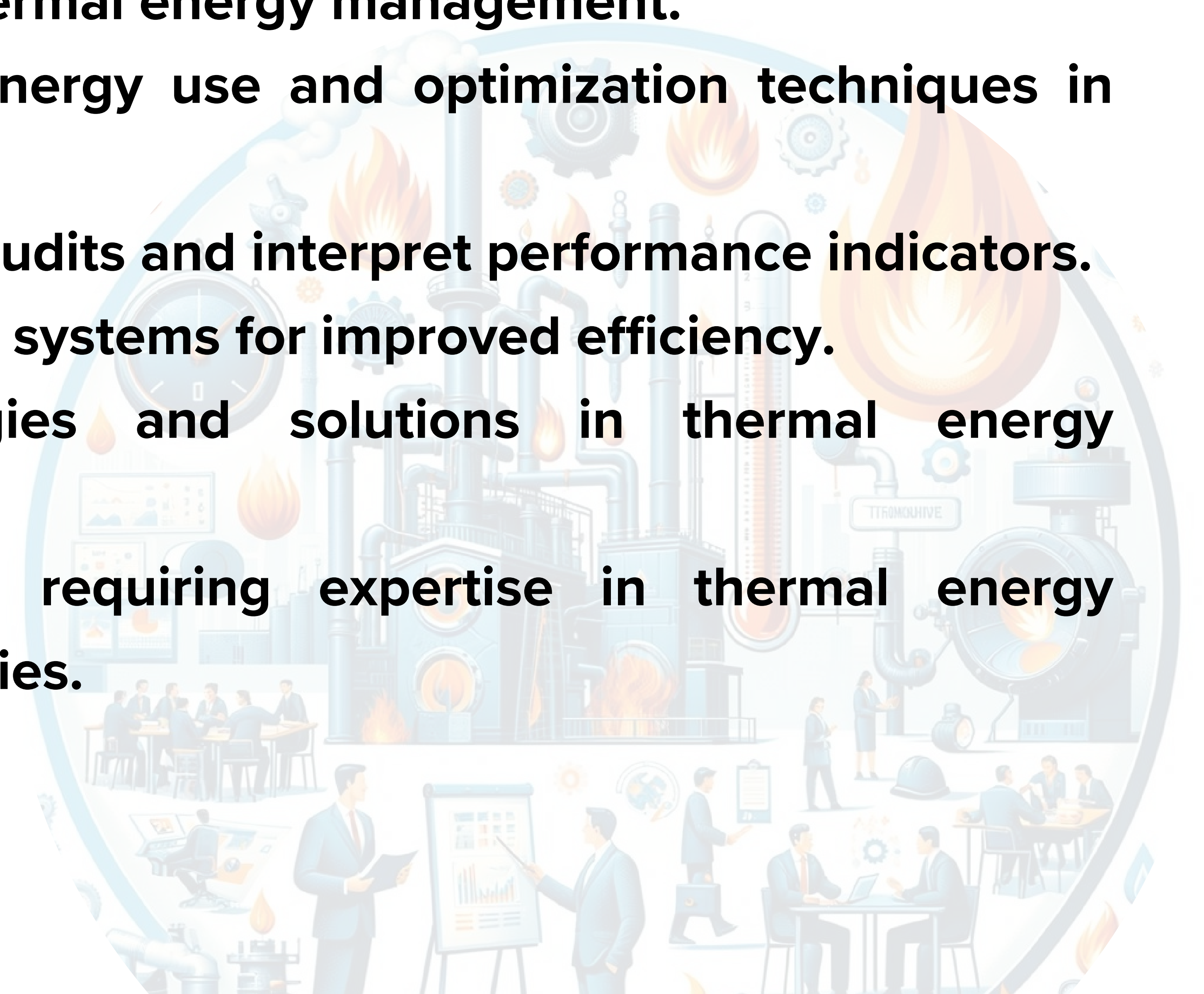
- Engineers and technical personnel in industries reliant on thermal processes.
- Energy professionals seeking to specialize in thermal energy efficiency.
- Facility managers and technical staff aiming to reduce energy costs through better thermal management.

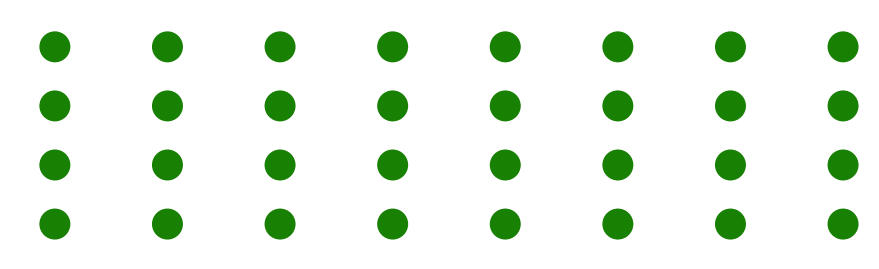
COURSE OUTLINE

- Overview of Thermal Energy Management
- Introduction to Thermal Energy Use
- Thermal Energy Basics
- Fuel Management and Combustion
- Performance Indicators and Reporting in Thermal Energy Audits
- Boilers and Steam Systems
- Thermal Oil Heaters
- Industrial Furnaces
- Insulation and Refractories
- Waste Heat Recovery
- Cogeneration Systems
- Energy Audit Instrumentation

EXPECTED LEARNING OBJECTIVES

- **Understand the fundamentals of thermal energy management.**
- **Identify and implement efficient energy use and optimization techniques in thermal systems.**
- **Conduct thorough thermal energy audits and interpret performance indicators.**
- **Design and manage thermal energy systems for improved efficiency.**
- **Recognize the latest technologies and solutions in thermal energy management.**
- **Prepare for and excel in roles requiring expertise in thermal energy management across various industries.**





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COURSE COORDINATOR



Ir. Leong Siew Meng graduated with Bachelor of Engineering (Mechanical) from Melbourne, Australia, has been actively involved in the field of Energy Efficiency and Conservation (EEC) since he joined the then Pusat Tenaga Malaysia (PTM, now the Malaysian Green Technology and Climate Change Corporation) as Technical Advisor in 2006. He successfully completed the EEC training courses, which were conducted by the Energy Conservation Center Japan (ECCJ) in 2007 and 2008.

He was responsible to develop and complete the publication of both the Part-1 Electrical and Part-2 Thermal Energy Efficiency Guidelines for Malaysian Industries with contributions from the Institution of Engineers Malaysia, ASHRAE Malaysia Chapter, Federation of Malaysian Manufacturers and Energy Commission.

