

**16 CDP**  
BY SURUHANJAYA TENAGA

ORGANIZED BY

**MAESCO**

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

# GREEN TECHNOLOGY

## 2-DAY TRAINING PROGRAM

**RM 1,700.00 (PUBLIC)**  
**RM 1,300.00 (MEMBERS)**  
*\*EXCLUDING 8% SST*

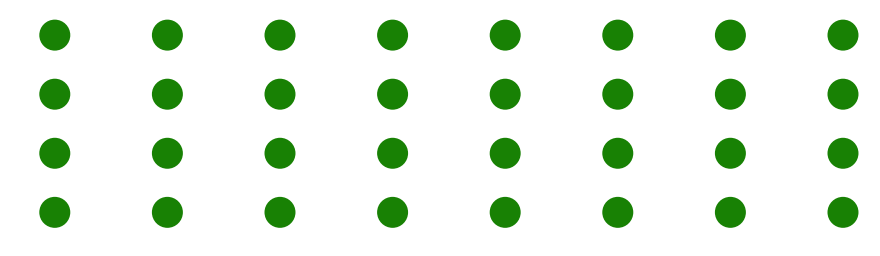
16 CDP HOURS APPROVED BY  
SURUHANJAYA TENAGA

## CONTACT US TODAY

Contact Person : Pn. Nurul/Ms. Jacky  
Phone : 03 - 7890 6077  
WhatsApp : 017 - 500 2161  
Email : [training@maesco.org.my](mailto:training@maesco.org.my)

**[WWW.MAESCO.ORG.MY](http://WWW.MAESCO.ORG.MY)**





## OVERVIEW

This 2-day programme provides participants with a comprehensive understanding of green technology concepts, applications, and policies, with emphasis on energy efficiency, green buildings, renewable energy, environmental sectors, and Malaysia's regulatory framework. The course integrates environmental fundamentals, sectoral green solutions, building energy performance, and the Energy Efficiency and Conservation Act 2024 to support practical implementation in industry and buildings.

## COURSE OUTLINE

### Day 1:

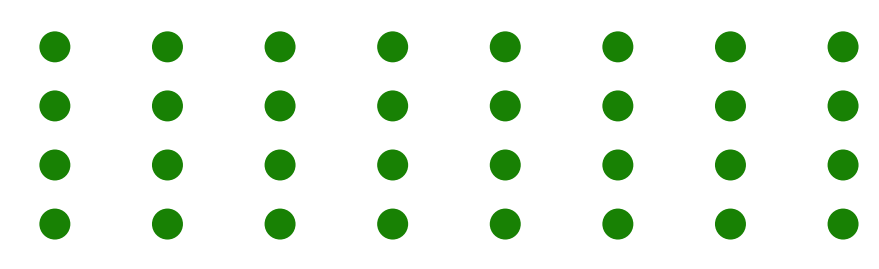
- Module 1: Global Warming & Climate Change
- Module 2: Introduction to Green Technology
- Module 3: Green Technology in the Water Sector
- Module 4: Green Technology in Waste Management
- Module 5: Green Technology in Transportation Sector
- Module 6: Information And Communication Technology
- Module 7: Manufacturing Industry

### Day 2:

- Module 8: Energy Efficiency in Buildings
- Module 9: Green Buildings
- Module 10: Energy Efficiency
- Module 11: Renewable Energy
- Module 12: Energy Efficiency & Conservation Act 2024

## OVERAL LEARNING OBJECTIVES

Participants will be able to understand the fundamentals of global warming and climate change, and explain the role of green technology in mitigating environmental impacts. Participants will be able to apply green building and energy efficiency principles in building design and operations, understand renewable energy technologies and their applications, and interpret the key requirements of the Energy Efficiency and Conservation Act 2024. The programme also enables participants to appreciate the importance of carbon footprint management and low-carbon development in supporting sustainable and compliant practices.



# MAESCO

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

## TRAINER PROFILE

### ***PROF. EMERITUS IR. DR. KS KANNAN***



Dr. KS Kannan was professor at the Faculty of Mechanical Engineering, University Teknologi Malaysia (UTM) and is currently the National Project Manager for the UNIDO-GEF project 'Industrial EE for Malaysian Manufacturing sector'. Kannan graduated with a B.Eng. in mechanical engineering from Universiti Malaya, M.Sc. (Technology) from University of Manchester and Ph.D. from Universiti Malaya. He is a professional engineer registered with BEM, Fellow of IEM, Fellow IMechE and Fellow ASHRAE and a registered Electrical Energy Manager. He has more than 30 years of experience in the field of energy, being involved in national/international energy projects and consultation.

