

Energy Efficiency, Conservation and Optimisation for Malaysian Industries



About us

Who we are

The Centre for Continuing and Professional Education (CPE) was established in 1999 to provide continuing professional education and lifelong learning opportunities for University's staff, students, alumni and the public. As part of TAR UMT's commitment to continuing education and lifelong learning, CPE is entrusted with designing, developing and delivering various activities, workshops and programmes to meet the diverse learning needs of multiple parties.

About This Training

From the national perspective, energy conservation (EC) must be considered. The benefits of energy conservation are significant to the nation's economy and performance in the management of its environment. Improving energy efficiency will lead to substantial cost-savings and thereby improve competitiveness. Energy conservation activities will also help conserve the usage of the nation's limited natural resources and simultaneously reduce the negative environmental impacts. Implementing energy efficiency (EE) programmes will focus on energy-saving features in the industrial and commercial sectors. This course is an industry designed to provide a broad understanding of the improvement methodology, concepts, and process. The methodology is presented with case studies and examples drawn from service, business processes and manufacturing applications.



Date and Time

13 - 14 April 2023
Thursday to Friday
9 AM to 5 PM



Training Venue

TAR UMT
Jalan Genting Kelang, Setapak
53300 Kuala Lumpur



Trainer

Ir Dr. Jayaseelan

COURSE CONTENTS

TRANSFORMERS

GUIDELINES ON EQUIPMENT ENERGY EFFICIENCY

TYPES AND PARTS OF TRANSFORMERS AND GUIDELINES ON SELECTION AND EFFICIENT UTILISATION

BEST PRACTICES

MOTORS

MOTOR SELECTION

HIGH-EFFICIENCY MOTOR, EFFICIENCY CLASSIFICATION AND EFFICIENCY TESTING REQUIREMENTS

COST PREMIUM AND SAVINGS IN RUNNING COST

CHILLER

GUIDELINES ON SYSTEM DESIGN AND CHILLER SELECTION

SYSTEM DIVERSITY AND OPERATING REGIMES

EQUIPMENT ENERGY EFFICIENCY RATING

COOLING TOWER

GUIDELINES ON SYSTEM DESIGN & EQUIPMENT (COOLING TOWER) SELECTION

SYSTEM DIVERSITY
EQUIPMENT ENERGY EFFICIENCY RATING

GUIDELINES FOR BEST PRACTICES

GUIDELINES FOR OPERATION AND MONITORING

FANS AND BLOWERS

TYPES OF FANS USE IN THE HVAC INDUSTRY

CENTRIFUGAL FANS

AXIAL FLOW FANS

EQUIPMENT ENERGY EFFICIENCY RATINGS

GUIDELINES

PUMPS

GOOD DESIGN AND MANAGEMENT PRACTICES

SELECTION OF PUMPS

MAINTENANCE AND OPERATION MANAGEMENT

BEST PRACTICES

AIR COMPRESSORS

TYPES AND SELECTIONS

MANAGING COMPRESSED AIR SYSTEM LEAKS

MAINTENANCE

LIGHTING

DESIGN CRITERIA

LUMINOUS ENVIRONMENT

ASPECTS

GUIDELINES FOR BEST PRACTICES

Introduce our Trainer

Ir Dr. Jayaseelan

Ir Dr. Jayaseelan was a recipient of the Association of Overseas Technical Scholarships (AOTS) award on two occasions, awarded by the Ministry of Economy, Trade and Industry of Japan. He was also a member of the working group to draw up the energy efficiency and energy conservation guidelines for pumps and compressors for Malaysian industries under the Institution of Engineers, Malaysia, Pusat Tenaga Malaysia, and the Ministry of Energy, Water and Communications. He is current Co-Chair of the Malaysian Green Building Index Accreditation Panel (GBIAP).



Click/Scan for enquiry



Contact Us



Centre for Continuing and Professional Education

+603-4145 0170
+601110758530 (whatsapp)

training@tarc.edu.my
<https://www.tarc.edu.my/cpe/>



REGISTRATION FORM

Fees: Public RM 795.00 per participant (inclusive of 6% Service Tax) TAR UMT Student/Alumni RM 636.00 per participant (inclusive of 6% Service Tax)

The Manager
TARC Education Foundation (1033820M)
Tunku Abdul Rahman University of Management and Technology (TAR UMT)
TEL: 03-4145 0170

Email: training@tarc.edu.my

Dear Madam / Sir,

Please register the following participant(s) for the above programme: (To be completed in BLOCK LETTERS)

1	Name : <input type="text"/>	IC No. : <input type="text"/>	Nationality : <input type="text"/>
	Email: <input type="text"/>	Mobile No. : <input type="text"/>	Designation : <input type="text"/>
2	Name : <input type="text"/>	IC No. : <input type="text"/>	Nationality : <input type="text"/>
	Email: <input type="text"/>	Mobile No. : <input type="text"/>	Designation : <input type="text"/>

(If space is insufficient, please attach a separate list)

Disclaimer

Registration is on a first-come-first-served basis. All cancellations must be made in writing. Cancellation made 14 days or more in advance of the workshop date will receive full refund. Cancellations made thereafter will be subjected to a cancellation fee of 50% of the workshop fee. All fees are payable in the event of non-attendance of any registered participant(s) or the overall attendance falls below 75% of total workshop hours. Replacement(s) can be accepted at no additional cost if notified 24 hours prior to the commencement of the workshop. The Tunku Abdul Rahman University of Management and Technology reserves the right to change the speaker, reschedule or cancel the workshop and all efforts will be taken to inform participants of the changes.

We hereby confirmed that (please tick accordingly):

- We will be claiming under **HRD Corp Claimable Course** and full payment would be made to Tunku Abdul Rahman University of Management and Technology in the event that no disbursement from HRD Corp under any circumstances.
- We will **NOT BE CLAIMING** from HRD Corp. Payment will be made to account payee TAR UMT by cheque or bank transfer to Public Bank Account No. 3 1 8 1 5 6 4 1 1 3. Kindly submit your payment remittance to training@tarc.edu.my together with this registration form.

Submitted by

Name : <input type="text"/>	Designation : <input type="text"/>	Department: <input type="text"/>
Email : <input type="text"/>	Telephone No. : <input type="text"/>	Mobile No. : <input type="text"/>
Company Name: <input type="text"/>	Company Registration No. : <input type="text"/>	
Company Address : <input type="text"/> <input type="text"/> <input type="text"/>	Company Stamp & Signature : <input type="text"/>	Date : <input type="text"/>