



2 DAYS-SHORT COURSE ON : DESIGN AND SIMULATION OF STAND ALONE PHOTOVOLTAIC (SAPV) SYSTEM USING PVSYS

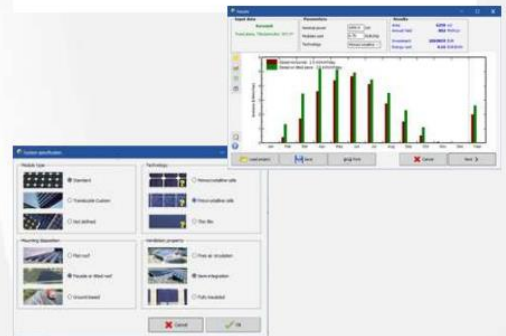
16 - 17 October, 2023 | 08:00am - 05:00pm

Institute of Business Excellence (IBE), Kompleks AI-
Farabi, Aras 4, Jalan Usahawan, Universiti Teknologi
MARA

ABOUT COURSE

PVSyst is a popular software that is used to design, predict and optimize the energy output of a solar photovoltaic (PV) power plant. It allows the user to design, simulate, predict the energy output, analyse shadings, carry out financial analysis, probability reports and generate many types of outputs. This helps the PV designer in predicting the overall performance of the solar PV power plant.

This short course introduces the software and covers key topics from the beginner to intermediate levels.



CERTIFIED TRAINER



Dr. Ahmad Maliki B
Omar

Master Trainer:

- GCPV Design Course (PTM; KeTTHA; SEDA, Malaysia)
- OGPV Design Course (SEDA, Malaysia)
- PV Chargeman & Wireman Course (SEDA, Malaysia)
- PV Installer Course (SEDA, Malaysia)

Expertise:

- Power Electronics converters
- Microcontroller applications
- Automation using PLC
- Grid Connected Photovoltaic (GCPV) System
- Off Grid Photovoltaic (OGPV) systems

LEARNING OUTCOME:

- Knowledge and understanding about the software and SAPV system.
- Ability to set-up, design and execute the simulations.
- Generate proper results and understanding of their meanings.

A COMPREHENSIVE COURSE INCLUDES:

1. Introduction to a SAPV system
2. Setting-up design parameter
3. Setting and Meteo definitions
4. Orientation
5. Shading analysis
6. Dimensioning
7. Sizing
8. Create new components
9. Advanced simulation
10. File management
11. Simulation and reporting

RELEVANCE TO:

- Engineer / Qualified Person
- Technician / Chargeman / Wireman
- Contractor / Service Provider
- Project Manager / Regulator
- Academia / Researchers

REQUIREMENT:

- Own a laptop and PVSyst software V 7.0 or above.

LIMITED PLACES !!

**FEE: RM1,400 per
participant**

> BOOK NOW with QR

