

Universiti Teknologi Mara, 404 Shah Alam, Selangor, Malaysia

### **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.



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**RELEVENCE TO:** 

Person

Wireman

Provider

Regulator

• Engineer / Qualified

• Contractor / Service

• Project Manager /

Technician / Chargeman /

Academia / Researchers

# **LEARNING OUTCOME:**

- Knowledge and understanding about the software and GCPV 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 GCPV 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

# **REQUIREMENT:**

• Own a laptop and PVsyst software V 7.0 or above.

# 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

# LIMITED PLACES # https://rb.gy/tvdcnw FEE: RM1,400 per participant



