



# **DESIGN OF GRID-CONNECTED PHOTOVOLTAIC SYSTEM USING** PVSYST

### **OVERVIEW**

This course aims to design, predict and optimize the energy output of a solar photovoltaic (PV) power plant. It allows the user to simulate and predict the energy output, analyze near shadings, far shading, carry out financial analysis, probability reports and generate many types of outputs. This helps the PV system integrator in predicting the overall performance of the solar PV power plant. PVSyst is an industry-standard with research grade elements to be used as a design tool and a musthave skill for a solar PV system integrator. The final report produced from a PVSyst simulation plays a key role in the proposal to be submitted to potential clients and investors in order to understand the bankability and performance of the solar PV plant. This short course introduces the software and covers key topics from the beginner to intermediate levels.

#### **OBJECTIVE**

Knowledge and understanding about the software.

- Ability to set-up and execute the simulations.
- Senerate proper results and understanding of their meanings.

#### REGISTRATION



## **COURSE INFORMATION**

🛅 Date	22-23 April 2024
() Time	9am - 5pm
<u>Course Fee</u> • RM3,780.00/pax (Non-MPIA members) • RM 2,970.00/pax (MPIA members)	
Venue	SHRDC, Shah Alam
Duration	2 Days
Facilitator	Dr. Ahmad Maliki
TRAINING METHODOLOGY	

> Hands-on

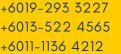
➢ Regulation

Structured activities

### TARGET AUDIENCE

- > Chargeman **Engineer** Competent Person Scontractor  $\triangleright$  Qualified Person Service Provider > Technician
  - > Wireman
- Project Manager > Academia
  - ➢ Researchers







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