Solar PV e-learning module using animations for learning and training

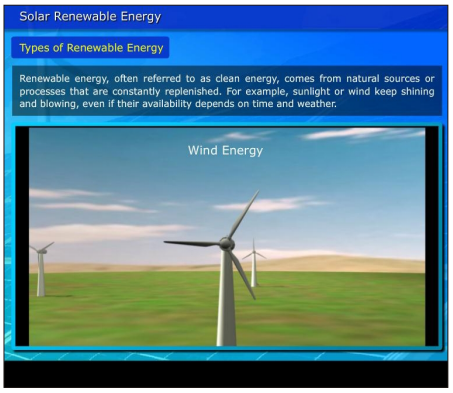
Make - Scientech

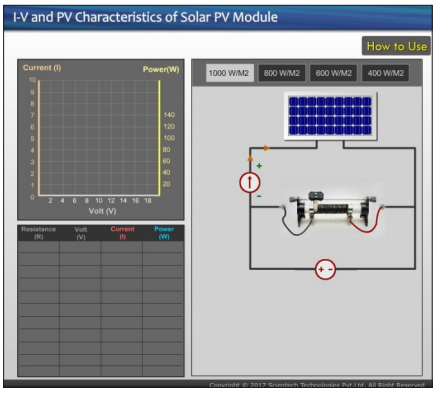
Model - Scientech PV127

It is include single user Classroom / laboratory teaching, learning module–

- This module is comprises simulations, videos, graphs, along wilth mandatory content and theory to understand fundamental concepts, interactive learning objects, MCQ, notes etc. of Solar Technology. Renewable Energy topic is cover Water Energy, Wind Energy, Sun Energy, Biomass Energy, Geo Energy.
- Basic Electrical & Electronics topic study of Fundamentals of Semiconductors, Charge Carriers and their Motion in Semiconductor, P-N Junction Diode, Ohm's Law, Solar Energy, Solar Radiation, Solar Spectrum at the Earth's Surface, The Sun and Earth Movement, Angle of Sunrays, Sun Tracking. Measurement of Solar Radiation, Photovoltaic , Solar PV Modules Mismatch in Series Connection, Mismatching in parallel Connection, Design and Structure of PV Modules, PV Module Power Output, Solar PV System, Batteries for PV System, DC to DC Converters, Charge Controllers, DC to AC Converters (Inverter), Maximum Power Point Tracking (MPPT)PV System, Introduction to Solar PV Systems, Stand-alone PV System Configurations, Solar PV Application, Grid-Connected PV System,
- The module is compatible with the Solar energy training system with grouping of solar cell (its DAQ Board) for doing virtual characteristics experiment of PV modules

Software program windows





Note Shown image is just for illustration original may differ

Subject to Change

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