

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

Report of Workshop on

Practical Implementation Aspects of Solar Photovoltaic Systems

Organized by Department of Electrical & Electronics Engineering

On 13th June 2016



Department of Electrical & Electronics, Madanapalle Institute of Technology & Science organized a guest lecture on "Practical Implementation Aspects of Solar Photovoltaic Systems" on 13th June 2016 in the QEEE Seminar Hall, MITS. Mr. B. Chandrasekhar, Assistant Professor of EEE Department was the resource person for the event.

Concern for reducing the dependence on fossil fuels has provided a huge impetus to the search for alternative energy sources that have a lower footprint on the environment. Solar energy is by far the most abundant form of renewable energy and has the potential to partially replace fossil fuels. The amount of solar radiation striking our earth's surface is about ten thousand times higher than the current global electrical energy consumption. Photovoltaic (PV) cells is one of the way to harness solar energy. PV cells convert sunlight directly to electricity and can be influential in meeting the world's energy demand. In this regard, the idea behind the workshop is to give an insight to the participants about the basic testing of solar PV Panels and connections. 80 external participants which includes faculty members from various institutions in Chittoor and students from various Government Polytechnique colleges got benefited with the course.