



G.VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI - 628 502.

Reaccredited with 'A' Grade by NAAC | DBT STAR College Scheme

Under the Management of G.Kuppuswamy Naidu Charity Trust for Education and Medical Relief, Coimbatore.

Scan Me For Registration



DEPARTMENT OF ELECTRONICS

Scan Me For Registration Fee



In Association with **AGARAM POWER SOLUTION, MADURAI**
Organizes

A ONE-DAY STATE LEVEL WORKSHOP ON

SOLAR POWER INSTALLATION, OPERATION & MAINTENANCE

Date : 15.02.2024 (Thursday) ♦ Time : 10.00 a.m. to 4.00 p.m. ♦ Venue : GVN College, Kovilpatti.

Proposed Class Room Topics

- ⚙ Introduction
- ⚙ Basics of Electricity
- ⚙ Solar radiation basics
- ⚙ Working of Solar Cells, Solar PV modules & Arrays
- ⚙ Types of Solar Panels & Inverters
- ⚙ Load Calculations
- ⚙ Sizing of Cables, Solar Panels, Solar Inverters
- ⚙ Q & A Session

Proposed Solar Practicals

- ⚙ Solar site survey & assessment
- ⚙ Measurement of PV Solar Cell parameters
- ⚙ Series & Parallel connections of Solar Cells
- ⚙ Series & Parallel connections of PV modules
- ⚙ Measurement of PV module parameters, temperature & radiation

Outcome of the Workshop

Upon completion of this workshop participants will be able to

- ⚙ Demonstrate knowledge
- ⚙ Size & design a PV system
- ⚙ Mount, ground, position, install, wire & connect a PV system
- ⚙ Test voltage generated by PV system, operate & maintain of solar power
- ⚙ Learn different types of Solar PV module and batteries
- ⚙ Design of Solar PV plant on estimated loads

Who Can participate?

Those who are studying other than the mentioned programmes and willing to become entrepreneur in the field of Green Energy

B.Sc & M.Sc., Electronics & Physics
B.Sc & M.Sc., Electronics & Communication
Research Scholars in the field of Solar Energy

Registration Fee : **Rs. 200/-** Refreshment, Lunch, Workshop Kit & Certificate will be provided

Contact : 76676 03318 & 99409 80222

www.gvncollege.org

Last Date for Registration : 10.02.2024



GVNCollege

