

Course No: 2 - SOLAR ENERGY

Objective :

- 1) Energy Saving
- 2) Solar Energy system installation
- 3) Dedicated individual educated
- 4) D.C. Solar facility
- 5) 40 Megawatts Purchases
- 5) Power harness energy.

Outcomes:

After studying this course, you should be able to

- 1) Explain the principal that underlie the ability of various natural phenomena to deliver solar energy
- 2) Out live the technologies they are used to harness the power of solar Energy

Opportunity:

Materials engineer, Field service technician, Technical cells of photo voltaic systems, Solar site assessor, Solar install

Fees :

Unpaid Courses.

Certificate details:

Certificate courses will be given to the students by the Department of Physics, TTWRDC, W, Medak

Course contents:

- 1) Man & energy world production & Reverses of commercial energy source, Indian's Production & reverse energy.
- 2) Alternative photovoltaic conversion world energy, energy form biomass, wave energy Ocean thermal energy conversion, energy in marine current.
- 3) Solar energy and harvesting Importance storage of solar energy application of solar energy, solar water heater solar distillation, Solar cooker solar cell characteristics of photovoltaic (PV) System.

Book Recommended:

1. Non- Conventional energy Sources: G.D. Rai Khanna Publishes, New Delhi.
2. Solar energy : M.P. Agarwal – S. Chand & co. Ltd.
3. Solar energy : Suhas P. Sukhatave tat a Mc Grew hill publishing company Ltd.

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