

Skill based Add-on Certificate courses of 02 credits each

(25-30 % Theory and 70-75 % practical training)

1. Renewable Energy (Solar & Wind) Devices: Installation and Maintenance

CISST, Sardar patel University, Vallabh Vidyanagar is planning to offer a short term course on **RENEWABLE ENERGY (SOLAR & WIND) DEVICES: INSTALLATION AND MAINTENANCE** jointly with Supernova Technology Pvt. Ltd, V U Nagar. Apart from lectures Hands-on laboratory/ practical sessions and on-site sessions for the system installation, testing and maintenance are the major components of this very valuable certificate course.

Course Content

Overview of various renewable energy sources and devices, Solar Photo Voltaic Technology and Applications, Solar Photo Voltaic system design (on grid and off grid technology). Solar Photo Voltaic System Installation, Testing and maintenance.

Solar Thermal Technologies and Applications, Wind energy generators: Design and Installation Hybridization of Solar-Wind energy systems, Economic Viability estimations.

Resource Persons : Subject experts from various industries/ Institutes, Technical experts in the relative fields drawn from Supernova, Germe and P G Departments of the University.

Target Audience

- Active and interested UG/PG/Research level students of Science, Engineering, and other industrially sponsored persons from various industries can participate this course.

Benefits of the course

The course can enable the participants to have add on skill based know how about the emerging area of renewable energy systems. It allows them to learn the installation and maintenance of the devices and can get exposure to practical challenges to seek future solutions. After the successful completion of the course the candidate can initiate their own firms related to various aspects of renewable energy devices.

Course Duration: 30 hours

Minimum No. Of Registration reqrd: 15

Contact details & Enquiry for Registration: jr_gandhi@yahoo.com, cisst_head@spuvvn.edu