

Short Term Training Program on “Future Trends in Renewable Energy Sources”



A

Report on

Gujarat Technological University

Organized

FDP on “Future Trends in Renewable Energy Sources”

In collaboration with

Vishwakarma Government Engineering College, Ahmedabad

Date: 12<sup>th</sup> December to 17<sup>th</sup> December, 2016

Background of Event:

- Enhancing and providing futuristic knowledge and explore research opportunity in the field of renewable energy sources.
- Familiarizing and training the faculties / participants in the emerging trends of renewable energy sources with emphasis on various technologies and tools.
- Providing hands on experience with various simulation tools of solar PV modules and wind energy conversion.

Event Declaration link: [www.vgecg.ac.in](http://www.vgecg.ac.in)

Date, Time title of event, venue:

Date: 12<sup>th</sup> Dec- 2016 to 17<sup>th</sup> Dec-2016

Event Name: Short Tern Training Program on Future Trends in Renewable Energy Source

Venue: L-102, Sir Vikramsarabhai Auditorium

Time: 10:30 to 05:30

## Short Term Training Program on “Future Trends in Renewable Energy Sources”

### Brief Report:

Short Term Training Program on “Future Trends on Renewable Energy Sources” had organize by Department of Electrical Engineering, Vishwakarma Government Engineering College, Chandkheda between 12<sup>th</sup> December-2016 to 17<sup>th</sup> December-2016. The main objective of STTP is to enhance and update latest knowledge on renewable energy sources as well as finds new opportunity in the field of renewable energy sources.

The experts are invited from various reputed colleges and industry. They talk about very cutting edge things about renewable energy source.

Solar power plant visit was also planned for enhancing the knowledge of practical aspect in solar technology.

### Key point Discuss in the event:

- 1) Smart Grid Technology
- 2) Construction and working of Solar panel
- 3) Solar Pump Application and its controller
- 4) Economics in Renewable energy system
- 5) Design of grid tied inverter

### Site Visit:

#### Key outcome of the event:

Solar power plant visit planned at PDPU campus –Gandhinagar, is very useful for the entire participant. It will enhance practical knowledge of solar power generation and its advantage and disadvantages. Also participant understand integration between solar systems with grid.

## Short Term Training Program on “Future Trends in Renewable Energy Sources”

Image Gallery:



## Short Term Training Program on “Future Trends in Renewable Energy Sources”



Coordinators:

- 1) Prof. K. B. Rathod
- 2) Prof. Y. B. Bhavsar

Compiled by: Prof. D. K. Bhatt and Prof. D. J. Vaghela