



Dr. Vithalrao Vikhe Patil  
Foundation  
Ahmednagar



DTE Code: EN-5161

# Online Expert Lecture on

## The Next Era of Energy

By

**Er. Mahesh P. Kawarkhe**

Project and Design Engineer,  
NSDC Certified Solar PV Installer  
& Trainer

Organized by

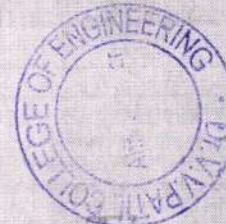
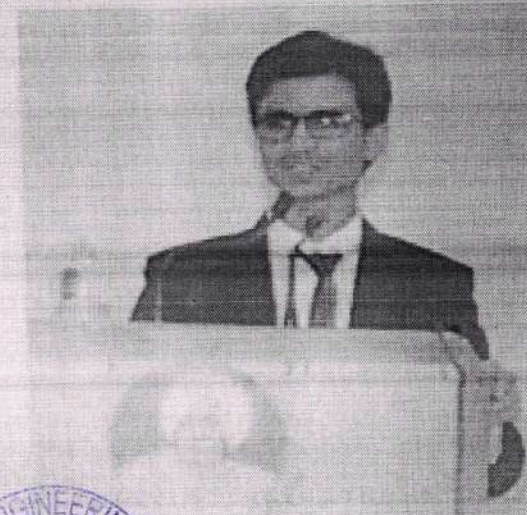
Dept. of Electrical Engineering,  
Dr. Vithalrao Vikhe Patil College of  
Engineering, Ahmednagar.

Coordinators: 1. Prof. Murade G.B.

2. Prof. Shirsath G.K.

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Dr. Vithalrao Vikhe Patil  
College of Engineering  
Ahmednagar



Date: 11/6/2021

Time: 11:00 - 1:00 pm



Department of Electrical Engineering

NOTICE

Date: 09/06/2021

All the S.E., T.E. & B.E. students are hereby informed that Electrical Engineering Department is organizing an expert lecture on "The next era of energy" by Er. Mahesh P. Kawarkhe, NSDC certified solar PV installer & trainer on 11/06/2021 at 11:00 am.

All the students should present for expert lecture.

☐ This is for strict compliance.



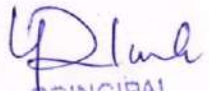
Prof. G.B. Murade

Event Coordinator



Prof. Dr. A.R. Laware

H O D



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## Department of Electrical Engg.

### Report of Event (Seminar/Workshop/conference)

**Date:-** 11/06/2021

**Time:-** 11.00 AM-01.00PM

**Class :-** TE & BE

**Venue:-** Seminar Hall

**Nature of Event(SM/WS/Con) :-** Workshop

**Name of topic:-** Workshop On "Next Era Of Energy"


**Name and Address of Speaker Guest:-** Er. Mahesh P. Kawarkhe, Project and design Engineer

**Name of Staff and Delegates:-** Prof. G.B.Murade


#### **Description of the Event:-**

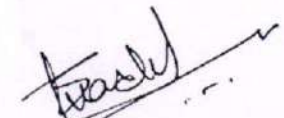
- In-depth knowledge of basics, various components of a photovoltaic power plant such as photovoltaic modules, inverters, charge controllers, batteries, switchyard, SCADA, structures, and so on.
- Photovoltaic system types, design philosophy, principles, examples and calculations.
- PV Systems: Comprehensive learning of industry-standard software.
- Project management, economics and finance of projects, solar policies, REC and carbon credits.
- Immense information and material through worked-out examples, data sheets, discussions, etc.
- Site visit to megawatt-scale PV power plant

**Total Number of Students Present:-** 60

  
Staff Coordinator



  
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H.O.D (Electrical)



**Objective of the Event:-**

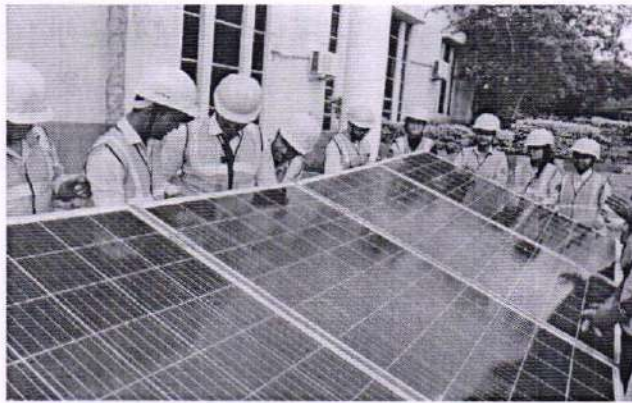
To Explore the Students to provide cutting-edge education to transform Students into 'Solar' professionals. These seminar are an intensive exercise chalking out a roadmap from concept to commissioning and Job Opportunities in solar PV.

**Budget of Event:- Free****Details of Event:-**

- Topics Covered
- In-depth knowledge of basics, various components of a photovoltaic power plant such as photovoltaic modules, inverters, charge controllers, batteries, switchyard, SCADA, structures, and so on.
- Photovoltaic system types, design philosophy, principles, examples and calculations.
- Hands-On: Site survey tools, weather measurements, photovoltaic system installation.
- PV Systems: Comprehensive learning of industry-standard software.
- Project management, economics and finance of projects, solar policies, REC and carbon credits.
- Immense information and material through worked-out examples, data sheets, discussions, etc.
- Site visit to megawatt-scale PV power plant.

**Photos:-**

*[Signature]*  
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# Attendance:-

Sr. No	Roll NO.	Name	Sign.
1	13	Garkwad Shubham S.	
2	3	Bhangare Ganesh Y.	
3	54	Tambe Manoj B.	
4	17	Harnekar Aadam S.	
5	57	Bhad Yogesh B.	
6	35	Pote Pratik R.	
7	49	Shimpi Himani S.	
8	16	Tripathi A Vaidya	
9	41	Shinde Anurag U.	
10	28	Mundhe Priyanka R.	
11	11	Churnal Sweeti S.	
12	09	Shawade Sheetal D.	
13	15	Gelhar Prati Pandurang	
14	08	Phage Poojan Vitthal	
15	42	Shinde Rajesh Manohirao	
16	19	Kale Rohit Satish	
17	12	Zekote Akshay Girish	
18	46	Arad A. Akshay	
19	16	Hajare Krunal Shamrao	
20	58	Chaudhary Vishal Ramesh	
21	48	Dangore Vidya Ganakshanath	
22	53	Pacharne Meshima	
23	32	Sawadekar Sanika Dhanesh	
24	23	Kshirsagar Priyanka Anirudh	
25	26	Kharage Deepali Balu	
26	31	Extimal Akash Pandharinath	
27	40	Shelke Ajay Vitthalrao	
28	38	Somarp Bhawal Babu	
29	21	Khilas. Krunal S.	

## Outcomes of the Event :-

- Describe various renewable energy sources such as Solar Photovoltaic, Fuel cell and Solar thermal.
- Explain different renewable energy sources as an alternate for conventional power sources in any application of energy.



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