

SNJB's
KKHA Arts, SMGL Comm. & SPHJ Science College, Chandwad
DEPARTMENT OF ELECTRONIC SCIENCE

Workshop Report

Title: One-Day Workshop on “**Entrepreneurship opportunities in Renewable Energy Sector**”

Dates: 27th March, 2021

Organized by: Department of Renewable Energy Management (REM) under B. Voc.
Faculty Coordinators: Mr. Babu R. Pagar, Dr. Tushar S. Salve & Dr. G. E. Patil

No. of Participants: 47

Department of Renewable Energy Management (B. Voc.) organized an one-day workshop on ‘**Entrepreneurship opportunities in Renewable Energy Sector**’ on 27th March, 2021 in association with Shubh-Arnab Energy Solution, Sangamner.

The workshop free to all the UG and PG students of B. Voc. REM course, Physics and Electronics department.

The workshop was arranged online due to covid pandemic situation. Principal Dr. G. H. Jain inaugurated the function as a chief guest. In inaugural speech, Dr. G. H. Jain motivated students about various opportunities in the renewable energy sector. Vice- Principal Asst. Prof. S. P. Khairnar, Dr. D. R. Patil, Asst. Prof. Mr. Babu Pagar, Dr. Smt. S. D. Shinde, Dr. G. E. Patil, Asst. Prof. A. B. Gite, Dr. T. S. Salve, Asst. Prof. O. M. Pardeshi & Mr. S. B. Borade were present for the inaugural function.

The main Objectives of the Workshop were:

- To develop the human resource in Renewable Energy (RE) sector, which is the need of the hour.
- To create several self-employment opportunities in renewable energy and energy efficiency sectors
- To explore the different techniques in RE sector

The topics discussed in the workshop: Developing the solar lighting solution, Solar pumping solution, How to carry out the site survey for installation of Solar PV system, Install the Civil/Mechanical and Electrical components of a Solar PV system, Test and Commission Solar PV system & Maintain Solar PV system.

In first session, the resource person Prof. Dr. M. M. Rathore Sir, Dean ‘Research and Development’ in SNJB College of Engineering Chandwad discussed Structure of a solar cell,

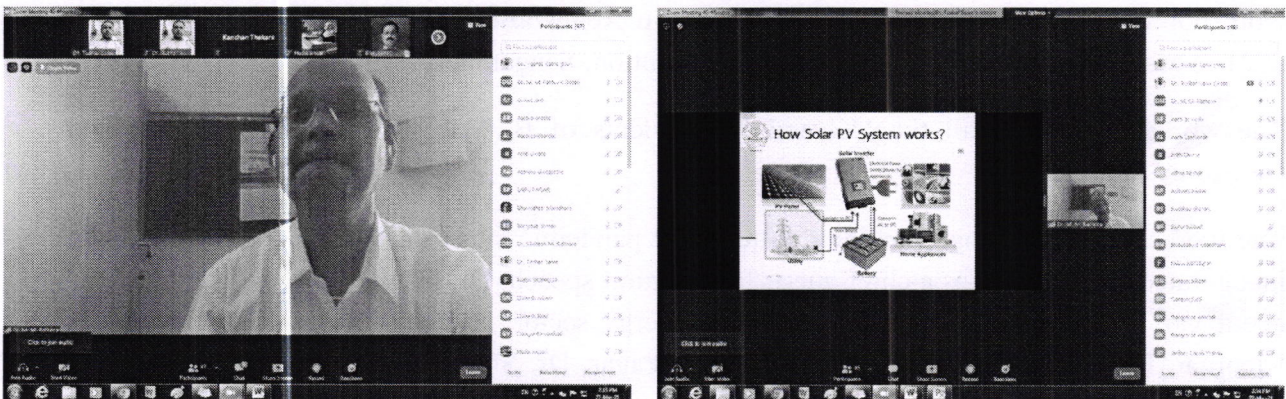


types of modules, PV array, solar cell equation, Grid aspects of solar power, Equipment used in solar photovoltaic plants, Power Conditioning Equipment-inverters, Regulations and Norms: Net Metering Policy System Analysis-Design Procedure, Design Constraints, Other Considerations.

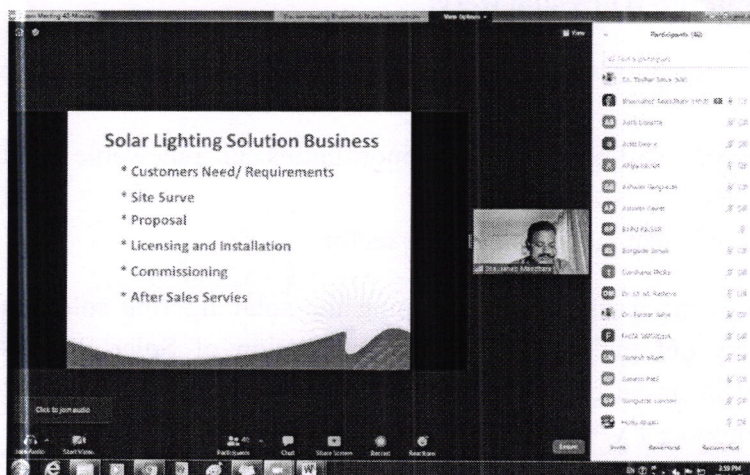
In the second session Prof. Bhausaheb Mandhare Consultant at Shubharnav Enterprises (Solar Energy Solutions) Sangamner discussed solar business target of India in 2022, solar lighting solution and its business scalability, solar pumping system, solar offgrid system and other solar products.

The workshop was beneficial to the students in various aspects. They learnt and interacted to resource persons to know the basics of Arduino board and its programming logic. Students interacted through questions and answer sessions.

Valedictory function was anchored by Coordinator of the workshop Dr. Tushar Salve and put the vote of thanks.



Prof. M. M. Rathore explaining working of Solar PV system



Prof. Bhausaheb Mandhare discussing Solar lighting solution business

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COORDINATOR

Internal Quality Assessment Cell
 SNJB's K.K.H.A.Arts, S.M.G.L. Commerce
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PRINCIPAL

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