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Hirasugar Institute of Technology, Nidasoshi

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Programmes Accredited by NBA: CSE, ECE, EEE & ME

EEE Dept.

EESSA

Activity Report

2020-21
(Even Sem)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Date of Activity held	12/06/2021
Time	2.30PM to 3.30PM
Type of Activity (curricular/co- curricular/extra curricular)	Webinar on "Solar Power Inverter" (Co-curricular)
Resource Person	Srinivasan N.
Professional Details of Resource Person	Technical Lead Pantech Prolabs India Pvt Ltd. Chennai
No. of Participants-	219
Activity In charge-	Prof. H. R. Zinage & Prof. O. B. Heddurshetti

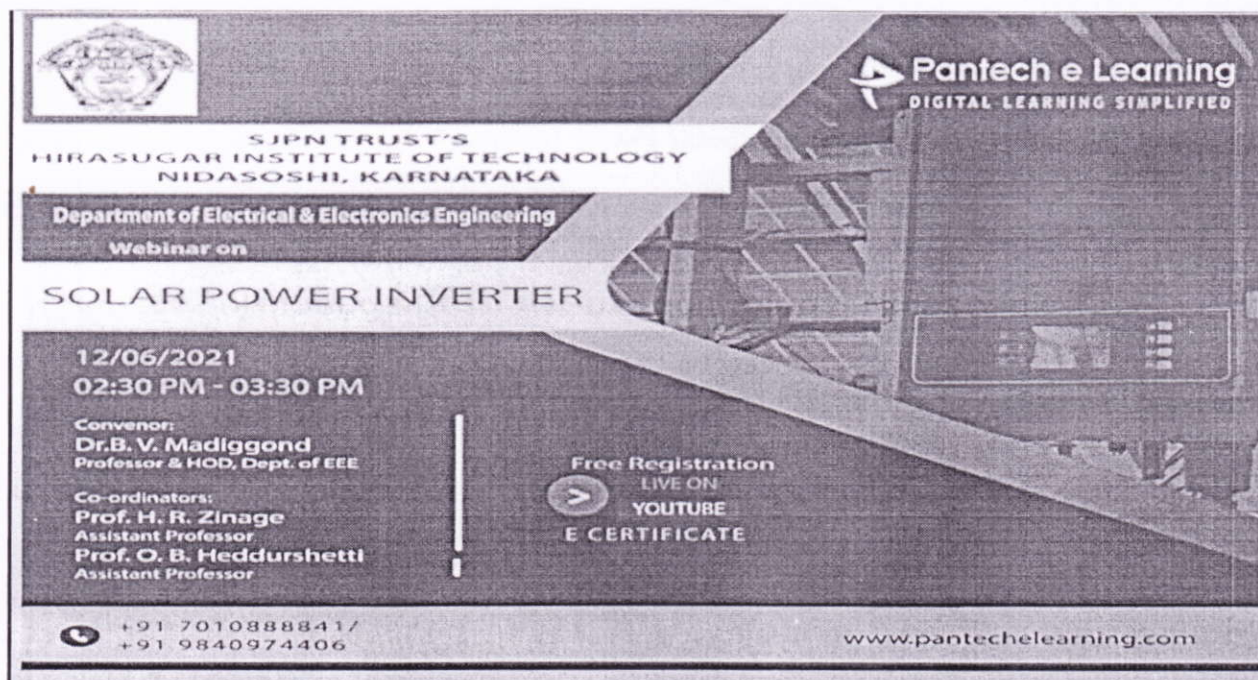
Description of Activity: EESSA in association with Pantech E Learning organized a national level webinar on "Solar Power Inverter" on 12th June 2021 at 2:30pm to 3:30pm for the staff and students of engineering colleges all over India. The resource person of the webinar Mr. Srinivasan N., Technical Lead, Pantech Prolabs India Pvt. Ltd, Chennai, discussed about Solar Power Generation, types of batteries, types of converters, controllers and simulation techniques of inverters using MatLab Simulink. Total 219 participants from various Engineering colleges all over India attended the webinar.

H. R. Zinage
EESSA Coordinators

O. B. Heddurshetti
HOD
Dr. B. V. Madiggonda
Prof. & Head BE,ME,Ph.D.
Dept. of Electrical & Electronics Engg.
HIT NIDASOSHI-591 236



Activity Photographs:



Pantech e Learning
 DIGITAL LEARNING SIMPLIFIED

**SJPNT TRUST'S
 HIRASUGAR INSTITUTE OF TECHNOLOGY
 NIDASOSHI, KARNATAKA**

Department of Electrical & Electronics Engineering
Webinar on
SOLAR POWER INVERTER

**12/06/2021
 02:30 PM - 03:30 PM**

Convenor:
Dr. B. V. Madiggond
 Professor & HOD, Dept. of EEE

Co-ordinators:
Prof. H. R. Zinage
 Assistant Professor
Prof. O. B. Heddurshetti
 Assistant Professor

**Free Registration
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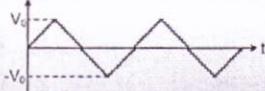
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Modified Sine Wave Inverter

- ✓ This inverter is also known as quasi wave inverter. This inverter generates the signal near to the sine wave. But it cannot generate the smooth sine wave.
- ✓ The construction of this inverter is more complex than the square wave inverter but simpler than the sine wave inverter.



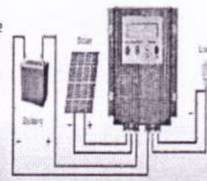
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18:55 / 1:14:09

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3. Controller :

- charge controller is a one type of Voltage controller to charge the batteries and keep away cell from over charging.



16:32 / 1:14:09

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B. V. Madiggond
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