



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

P. B. V. Madrigonda
 18/8
 HOD
Dr. B. V. Madrigonda
 Prof. & Head BE, ME, Ph.D.
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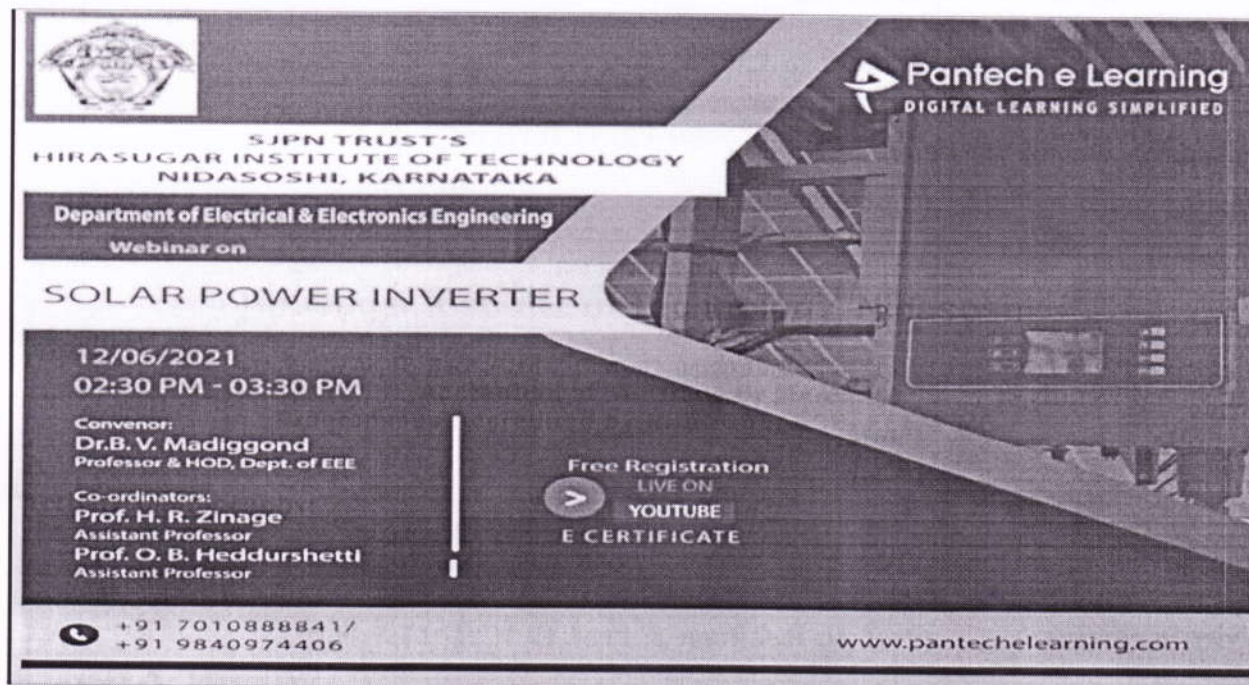
EEE Dept.

EESSA

Activity Report

2020-21
(Even Sem)

Activity Photographs:



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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

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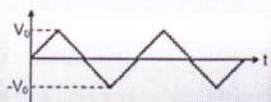
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Modified Sine Wave Inverter

- ✓ 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.



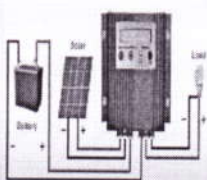
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18:55 / 1:14:09

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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

Asnage
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