



POTENTIA



Volume 2 Issue 2

**Department of Electrical & Electronics Engineering
Bhoj Reddy Engineering College for Women**

**Newsletter
July - December 2020**



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EEE Newsletter



Vision, Mission

Vision

BRECW develops confident and articulate young women into dynamic engineers equipped with skills, knowledge, values and an attitude to contribute to the society.

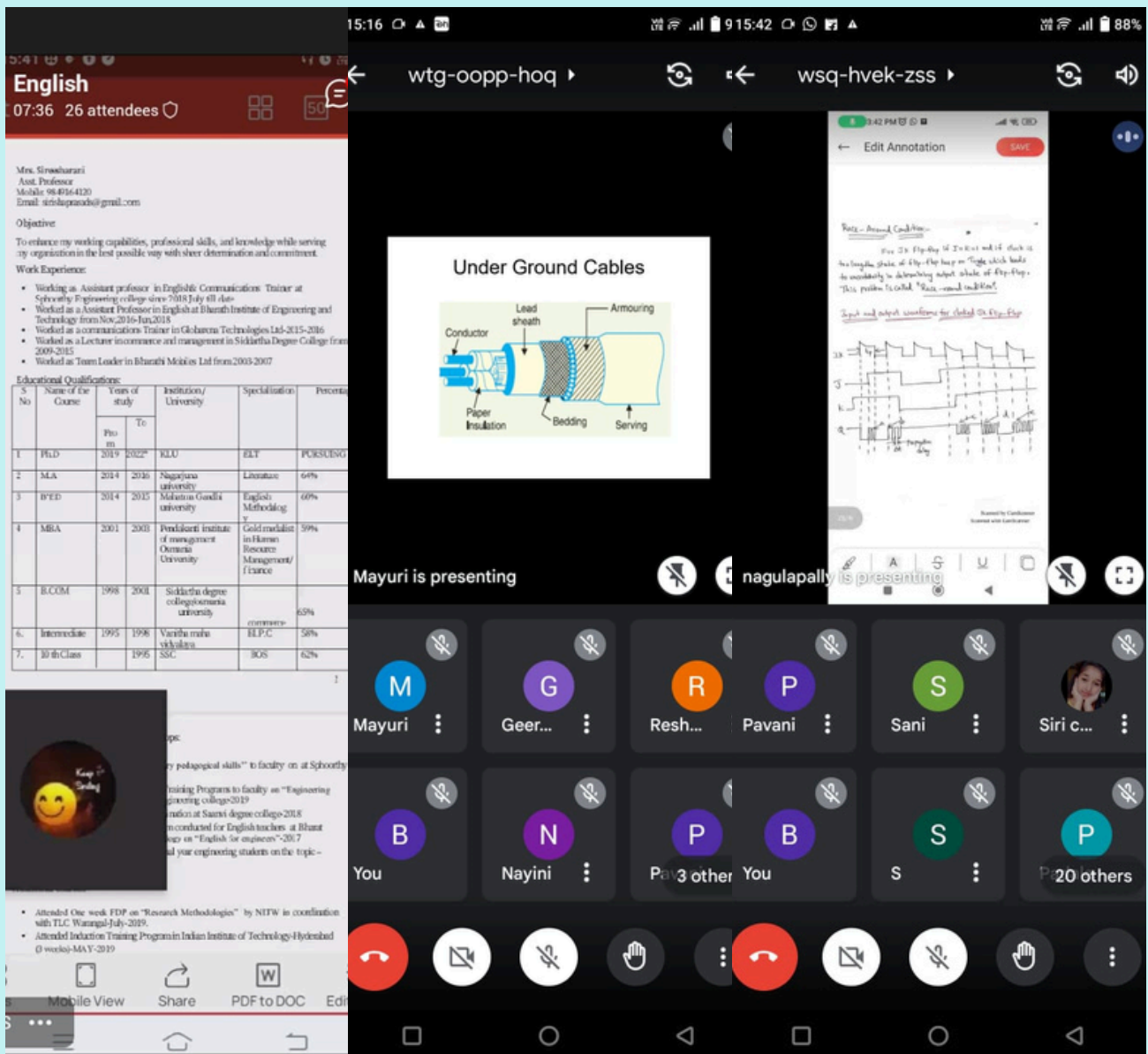
Mission

- BRECW is committed to providing a challenging, enriching, safe and supportive technical learning environment through its core values of responsibility, respect and compassion.
- Fosters intellectual, spiritual and personal development of young women so that they develop the tools necessary to lead meaningful lives.
- Offers academic curriculum along with an extensive co- curricular program with the support of dedicated staff who ensure that students identify their strengths and develop their skills such as teamwork, leadership, creativity and entrepreneurship.
- Develops independent, adaptable thinkers with a passion for learning, courage to take risks and initiative to apply what is learned.

EEE Newsletter

Online Classes

In the wake of COVID-19 pandemic situation and due to the lockdowns imposed, conduction of online classes at college and university levels became mandatory by the educational boards. Covid-19 brought out a drastic change in the educational system not only in India but rather in the entire world.



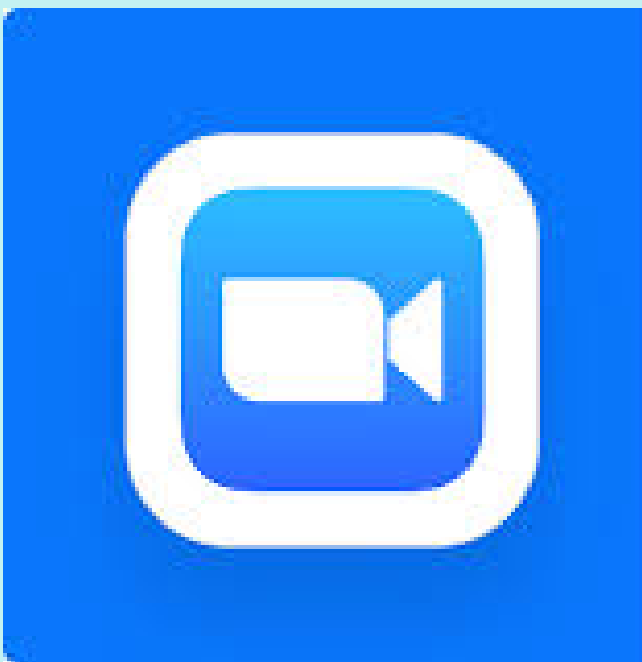
EEE Newsletter

Online Classes Platforms used

During the COVID-19 pandemic, BRECW (Bhoj Reddy Engineering College for Women) initially adopted Zoom for conducting online classes. Zoom's user-friendly interface and robust features for video conferencing, such as large meeting capacities, breakout rooms for group work, screen sharing, and recording capabilities, made it an ideal choice for transitioning from in-person to virtual learning.

As the situation evolved, BRECW transitioned to using Microsoft Teams for their online classes. Microsoft Teams offered seamless integration with other Microsoft Office 365 applications, which facilitated collaboration on documents, assignments, and projects. Teams provided a comprehensive platform for education, featuring class notebooks, assignment tracking, and integration with various educational tools and apps.

This transition allowed BRECW to enhance their online teaching capabilities, ensuring that students and teachers had the tools they needed for effective remote learning. The combined use of Zoom and Microsoft Teams enabled BRECW to maintain educational continuity and adapt to the changing demands of the pandemic, providing a supportive and interactive learning environment.



EEE Newsletter

Webinar

On 30 July 2020, from 11 AM to 1 PM, a comprehensive webinar on hybrid vehicles was conducted featuring an esteemed speaker, P. Chander Sekar, who holds an MS, MBA, and PhD. Currently serving as the Technical Director at Technique Design Group, located at 5-3-419, 1st floor, Jeera, Secunderabad, A.P., INDIA-500003, Dr. P. Chander Sekar brought a wealth of knowledge and experience to the session. The event was highly anticipated by industry professionals and enthusiasts alike, aiming to explore the advancements and future prospects of hybrid vehicle technology. Participants gained insights into the technical intricacies and environmental benefits of hybrid vehicles, as well as the challenges faced in their development and commercialization. During the webinar, the speaker, P. Chander Sekar delved into the practical applications and innovations driving the hybrid vehicle industry, drawing parallels with his extensive experience in product development. The session was not only informative but also inspiring, highlighting the potential of hybrid vehicles to revolutionize transportation and contribute to a sustainable future.

Bhoj Reddy Engineering College For Women
Saidabad, Hyderabad, Telangana 500059

Department of Electrical and Electronics Engineering

Webinar on
HYBRID VEHICLE

on 30 July 2020
From 11 am - 1 pm

Free Registration
E-Certificate will be provided

Dr. J. Madhavan
Principal

R. Manju Bhargavi/ Associate Professor
HOD

V. Sri Lakshmi Vani/ Assistant Professor

EEE Newsletter

Webinar

HYBRID VEHICLES



YOU DREAM AN IDEA
WE IMPLEMENT THROUGH
TECHNOLOGIES



Dr. P. Chandra Shekar
Technical Director - Techniq Design Group
Mob: 09848023755
Email : tdghyd@gmail.com

HEV OBJECTIVES

Objectives the HEV :

- Maximize fuel economy
- Minimize fuel emissions
- Minimize propulsion system cost to keep affordable
- Maintain acceptable performance with a reasonable cost
- Reduce the conventional car weight

Department of Electrical and Electronics Engineering

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Sri Lakshmi Vani/ Assistant Professor
Coordinator

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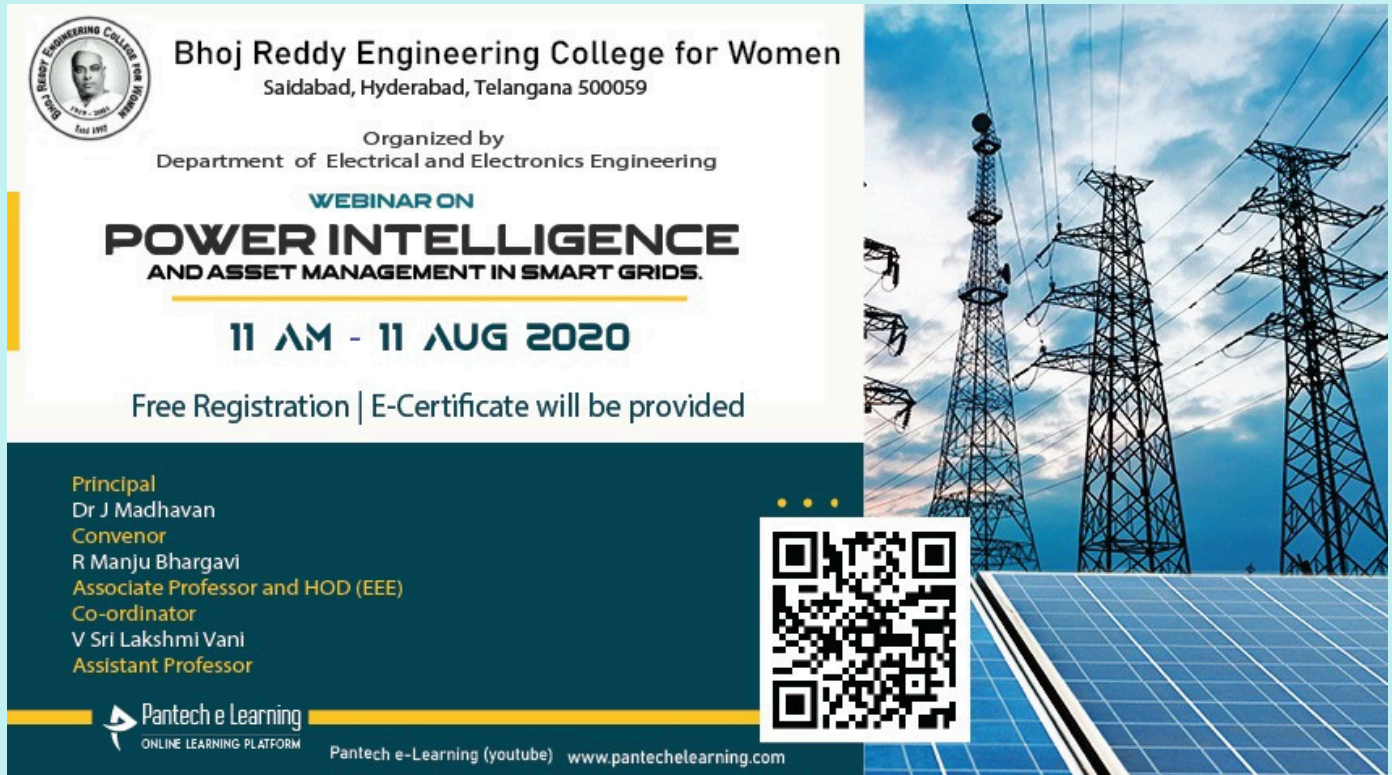
Sri Lakshmi Vani (You)


Guntur Anjali Reddy

sri chaitanya

(3)

Sri Lakshmi Vani (You)



 **Bhoj Reddy Engineering College for Women**
Saidabad, Hyderabad, Telangana 500059


Organized by
Department of Electrical and Electronics Engineering


WEBINAR ON
**POWER INTELLIGENCE
AND ASSET MANAGEMENT IN SMART GRIDS.**

11 AM - 11 AUG 2020

Free Registration | E-Certificate will be provided

Principal
Dr J Madhavan
Convenor
R Manju Bhargavi
Associate Professor and HOD (EEE)
Co-ordinator
V Sri Lakshmi Vani
Assistant Professor



 **Pantech e Learning**
ONLINE LEARNING PLATFORM Pantech e-Learning (youtube) www.pantechlearning.com

The Department of Electrical and Electronics Engineering (EEE) at our institution organized a webinar titled "Power Intelligence and Asset Management in Smart Grids," conducted by Pantech on 11 August 2020, from 11:00 to 12:00 Hrs. The webinar was hosted on YouTube and attracted a total of 320 participants, including students from II, III, and IV years of EEE, as well as faculty members and staff. The session delved into crucial aspects of smart grid technology, focusing on power intelligence and effective asset management strategies, providing valuable insights and fostering a deeper understanding among attendees about contemporary advancements in the field.



Sample certificate

The webinar started with objective of power intelligence to save electricity and utilize it in proper way. The webinar covered several practical aspects like use of smart grids, how to use smart grids, basic concepts of smart grid. And discussed the difference between conventional grid and smart grid. The key factors for electrical power systems were also discussed. Smart appliances which are already in the market are explained. The limitations of smart grid are listed out. Students and faculty are actively participated in the webinar. And all the participants who filled feedback link were provided with an E-certificate.