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CONVENOR

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ORGANISING COMMITTEE

Ms. A.S.V. Vijaya Lakshmi, Department of EEE, GVPCEW
Ms. N. Veekshita, Department of EEE, GVPCEW
Mr. M. Krishna, Department of EEE, GVPCEW
Ms. V. SreeVidya, Department of EEE, GVPCEW
Mr. Y. Ramu, Department of EEE, GVPCEW
Mr. D. Srinivas Reddy, Department of EEE, GVPCEW



AICTE-ISTE

Induction/Refresher

Online program on

E-Mobility and Battery Charging

09 – 15 December, 2021

Time: 10:30 AM to 5:00 PM

Organized by

Department of Electrical and Electronics Engineering



**Gayatri Vidya Parishad
College of Engineering for Women**

Madhurawada,

Visakhapatnam -530048

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Visit us at: www.gvpcew.ac.in

ABOUT THE INSTITUTION AND DEPARTMENT

GVP College of Engineering for Women is established under the aegis of Gayatri Vidya Parishad, an educational society founded by eminent academicians, industrialists, and philanthropists of Visakhapatnam. To empower women in technological and engineering fields, the society has established this engineering college exclusively for women in 2008. It is a self-financed institution offering excellence in engineering education and is affiliated to Jawaharlal Nehru Technological University, Kakinada (JNTUK), approved by AICTE, New Delhi. The college offers UG courses in ECE, EEE, CSE, CSE (AI & ML), IT, and PG Courses in ECE & CSE. The ECE, CSE, and IT programs are accredited by NBA (valid from 2019 to 2022).

The Department of Electrical and Electronics Engineering was established in 2011 and offers a B.Tech Program in EEE. The Department is well established with experienced faculty who carry out research in power systems, renewable energy systems, control systems, and advanced power electronic drives. The Department has state-of-the-art laboratories with advanced software and hardware to facilitate research in significant areas of EEE. The Department flourishes in its vibrant and energetic environment, comprising of the major fields of Electrical and Electronics Engineering.

ABOUT THE TOPIC

About 74% of total dust emissions (PM10) at a national level come from traffic. Accordingly E-Mobility is emerging as a thrust area to minimize air pollution in the cities. Therefore, the proposed refresher course deals with E-Vehicles, Battery storage, and Power Converters required for the Battery charging stations.

OBJECTIVES OF THE WORKSHOP

The faculty members and Ph.D. scholars need to update their knowledge and refine research problems on E-Mobility systems, Battery charging issues, and Power Electronic technologies involved in E-vehicles to meet demands in coming years. After attending the course, the faculty will be able to understand the concepts; systems involved in E-Mobility and explore the research problems in Electric Vehicles. Further while interacting with the academicians from reputed organizations, and knowledge gained during this course will lead to collaborative research.

RESOURCE PERSONS

- Prof. Dr. Sastry V. Vedula, GVPCE(A), Visakhapatnam
- Prof. Dr. Ch. Sai Babu, JNTUK, Kakinada
- Prof. Dr. CVK Bhanu, GVPCE(A), Visakhapatnam
- Dr. Ranjan Kumar Behera, IIT, Patna
- Dr. Nishant Kumar, IIT, Jodhpur
- Dr. N. K. Swami Naidu, IIT, BHU, Varanasi
- Dr. Sreedhar Madichetty, Mahindra University, Hyderabad
- Dr. Sankar Peddapati, NIT, Andhra Pradesh
- Dr. Vinay Kumar T, NIT, Warangal
- Dr. Hemachander A, NIT, Pondicherry
- Dr. M. Santhosh Kumar, Engineering & Industrial Services, TCS, Pune
- Mr. Ashhar Ahmed, SkillSharkEduTech, Hyderabad
- Dr. V. Sivani, Dept. of Orthopedics, GVP Institute of Health Care and Medical Technology, Visakhapatnam

WHO CAN PARTICIPATE

All PG students/Research Scholars and faculty from AICTE approved engineering colleges can participate. E-certificates will be issued to those participants who will complete the program with 80% attendance and qualify the tests with a minimum of 60% marks.

REGISTRATION

Registration is free, and the number of participants is limited to 100. Following is the link for the registration form.

<https://tinyurl.com/j23j9pu7>

All participants will be sent the meeting link one day before the program.