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ORGANIZING CHAIR

Dr. E. Porpatham

Director, Automotive Research Centre

Vellore Institute of Technology (VIT)

VIT was established to provide quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education consistently. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The international standards established at VIT in teaching and research drive us in our unwavering quest for excellence. In VIT, the Automotive Research Centre (ARC) is the pioneer research centre that focuses on developing EV powertrains with battery management system and their communication framework for gradable electric vehicles.

About the Workshop

Battery Safety Awareness workshop is designed to enhance the understanding of battery fundamentals and EV battery technologies. Participants will gain insights into the risks associated with batteries, such as overheating, short-circuiting, and thermal runaway. Also, will learn best practices for battery handling and maintenance. The workshop will cover essential battery safety standards and regulations, ensuring that attendees are familiar with the guidelines that govern battery usage and transportation. Additionally, the program will address emergency response and incident management, equipping participants with the knowledge to handle battery-related incidents effectively. A focus on battery recycling and disposal will also be included, promoting sustainable practices. The workshop offers a unique opportunity to learn directly from battery manufacturers and researchers working on EV batteries, with demonstrations to reinforce the concepts discussed. Following topics will be covered by battery experts

- Introduction to Batteries and its Technologies
- Risks Associated with Batteries
- Battery Handling and Maintenance
- Battery Recycling and Disposal
- Battery Safety Standards and Regulations
- Emergency Response & Incident Management

Registration

Event Date: 16-11-2024

Registration Fee: Rs. 100

Registration Link: <https://events.vit.ac.in>



Automotive Research Centre

One day Workshop on

Battery Safety Awareness

(Best Practices and Risk Mitigation)

Sponsored by

SERB, ANRF under Scientific Social Responsibility

16th Nov. 2024 (Saturday)



Coordinators

Dr. R. Raja Singh, Dr. Thangaraja J

Dr. Porpatham E & Dr. Cheralathan K K

Professor(s) | VIT Vellore

Vellore, Tamil Nadu - 632014, India.

For Contact

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