

# **Event Report**

## **Report: Internship on Electric Vehicle Certification Course**

### **Introduction:**

Internship on Electric Vehicle Certification Course was organized by Department of Electrical and Mechanical Engineering from 01-07-2024 to 29-07-2024 at Electrical Vehicle Lab, Centre of Excellence, Management Block, Sandip University, Madhubani. The event aimed to promote and celebrate technical knowledge and innovation while providing a platform for participants to showcase their expertise. This Internship drew participants from various technical backgrounds.

### **Event Details:**

**Start Date: 01-07-2024**

**End Date: 29-07-2024**

**Venue:** Electric Vehicle Lab, Centre of Excellence(Management Block), Sandip University, Madhubani

### **Organizers:**

The event was organized by Department of Electrical and Mechanical Engineering, Sandip University, Madhubani. We extend our gratitude for their invaluable contributions to the success of the competition.

### **Course outline of the Internship:**

This Internship was divided in two category that is theory and hands on practical. This include Battery pack creation workshop, Wire harness checking, 3W and 4W test bench, Study on Motor controller wire connection, complete disassemble and assemble of Electric Vehicle.

### **Participants:**

A total of 67 participated in this Internship. The participants represented diverse technical backgrounds, including. Notable participants included.

### **Topics Covered:**

The Internship covered a technical topics related to Electric Vehicle but not limited to:

- **Introduction to Electric and Hybrid Electric Vehicle Technology**
- **Battery Pack Creation workshop**
- **Motor controller and Motor drive Technology**
- **Use of Power Electronics**
- **Complete wire harness checking procedure**
- **Complete disassemble and assemble of Electric Vehicle**

### **Certificate Distribution:**

All the participants got their certificate for the Internship on “Electric Vehicle Certification Course”

**Feedback and Improvement:**

We received positive feedback from participants, praising the diversity of topics covered and the challenging yet enjoyable nature of the Internship Program.

**Conclusion:**

Internship was a resounding success, thanks to the collective efforts of the organizing committee, sponsors, participants, and the audience. We look forward to organizing similar events in the future to continue promoting technical knowledge and innovation.







