



Electric Vehicle Lab at Sandip University, Madhubani

Welcome to the Electric Vehicle (EV) Lab at Sandip University, Madhubani! Our lab is dedicated to advancing research, innovation, and education in the field of electric vehicles. Here, students and researchers have the opportunity to explore the exciting world of electric mobility and contribute to the sustainable transportation revolution.

Mission Statement: Our mission is to foster interdisciplinary collaboration and technological innovation to accelerate the adoption of electric vehicles for a greener and more sustainable future. We aim to educate, inspire, and empower the next generation of engineers and leaders in the electric vehicle industry.

Facilities:

- State-of-the-art EV testing and simulation equipment
- Battery testing and characterization facilities
- Electric motor and power electronics testing benches
- Vehicle electrification and conversion workshop
- Charging infrastructure development and testing setup

Research Areas:

1. Battery Technology and Management Systems
2. Electric Motor and Power Electronics
3. Vehicle Electrification and Conversion
4. Charging Infrastructure and Smart Grid Integration
5. Vehicle-to-Grid (V2G) Technologies
6. Sustainable Transportation Policy and Planning

Collaborations: We collaborate with industry partners, research institutions, and government agencies to undertake cutting-edge research projects, technology transfer initiatives, and workforce development programs in the field of electric vehicles.

Outreach and Community Engagement: We organize workshops, seminars, and outreach activities to raise awareness about electric vehicles and promote sustainable transportation practices among students, faculty, and the wider community.

Contact Us: For inquiries about our Electric Vehicle Lab or academic programs, please contact: **Prof. Manjeet Kumar: 8233681950 / Dr. Kunal Kishor Chandan: 7076607322**

Join us in shaping the future of transportation with clean, efficient, and innovative electric vehicles at Sandip University, Madhubani!