

PATRON:

Director, Indian Institute of Technology (IIT) Kharagpur, India

ADVISORS:

Deputy Director, IIT Kharagpur, India
Dean, FOS, IIT Kharagpur, India
Dean, R&D, IIT Kharagpur, India
Dean, Outreach, IIT Kharagpur, India
Dean, VGSOM, IIT Kharagpur, India

ORGANISING COMMITTEE:

General Chair

Prof Rudra Pradhan
IIT Kharagpur, India

Organising Chairs

Prof Sreeraj Puravankara
IIT Kharagpur, India

Prof Kannan Govindan
University of Adelaide, Australia

Industry Chairs

Dr. Suman Basu
Battery Pack, RIL, India

Mr. Vikash Gupta

Lead, Supply Chain & Logistics, IBM, India

REGISTRATION FEES

STUDENTS INR 1000
ACADEMIA INR 2500
INDUSTRY INR 3000

*Registration Fee waiver Applicable to selected participants

IMPORTANT DATES

Deadline for Extended Abstracts/ Full Paper	January 10, 2025
Information about Paper Acceptance	January 20, 2025
Registration Closes	February 10, 2025
Conference Dates	February 13-14, 2025

PUBLICATION OPPORTUNITIES

*Selected papers will be published as proceedings.

*Only full papers shall be considered for publication.

*Papers should adhere to APA format (7th edition) for submitting full paper.

HOW TO SUBMIT?

Submit the papers through

<https://easychair.org/conferences/?conf=bufsev2025> or bufsev2025@gmail.com

https://erp.iitkgp.ac.in/InfoCellDetails/resources/external/cepdata?course_id=IIT/CEP/CON/CON/2024-2025/BM/112

CONFERENCE VENUE

Indian Institute of Technology Kharagpur

<https://www.iitkgp.ac.in/>

*There would be provisions for online presentation for selected presenters



Indian Council of
Social Science Research



ICSSR Sponsored Conference

BUFSEV 2025

**Transforming Mobility:
Business Innovations,
Financial Strategies, And
Sustainability Practices
for a Greener Future**

FEBRUARY 13-14, 2025

Organised by:

Vinod Gupta School of
Management (VGSOM)

**Indian Institute of
Technology, Kharagpur,
West Bengal, 721302**

The conference, Transforming Mobility: Business Innovations, Financial Strategies, and Sustainability Practices for a Greener Future, aims to address challenges and opportunities in reshaping the mobility landscape. It will foster collaboration among industry leaders, policymakers, researchers, and entrepreneurs to explore innovative business models, such as Mobility-as-a-Service (MaaS) and circular economy approaches, alongside cutting-edge technologies and strategic financial frameworks supporting eco-friendly mobility practices. Focusing on reducing emissions, enhancing resource efficiency, and promoting inclusivity, the event seeks to uncover actionable solutions that integrate profitability with sustainability. It will examine policy frameworks and regulatory strategies that facilitate the digital and green transformation of transport ecosystems, aligning with global sustainability goals. Additionally, the conference will emphasize the interplay of technology, consumer behavior, and equity in mobility, fostering discussions on innovation, inclusivity, and climate resilience to pave the way for a greener and more equitable future.

THEMES

Theme 1: Business Models for Sustainable Mobility

Innovative Revenue Strategies, Public-Private Partnerships, Circular Economy in Mobility, EV Battery Lifecycle Management, Sustainable Supply Chains, Critical Mineral Sustainability

Theme 2: Financing the Future of Mobility

Green Financing Mechanisms like the role of green bonds, carbon credits, tax rebates, and subsidies in accelerating investments in EVs and clean transportation solutions, economic challenges and innovative funding strategies for scaling EV infrastructure, high-return investment opportunities in mobility transformation such as autonomous EV technology, urban EV projects, and green logistics hubs.

Theme 3: Policy and Governance in Sustainable Mobility

Global Best Practices, Policies that incentivize sustainable mobility, encourage cross-border cooperation, and standardize charging and safety protocols internationally, adaptive regulations to address climate-related impacts, India Policy Initiatives

THEMES

Theme 4: Technology and Innovation in EV Mobility

IoT, AI, blockchain and big data to optimize traffic flow, enhance EV network efficiency, and improve customer experience in shared mobility services, Automated, Connected, Electric, and Shared Mobility (ACES), Transitioning various vehicle categories, including electric tractors, trucks, ambulances, two-wheelers, and three-wheelers, to electric powertrains.

Theme 5: Consumer Behavior and Social Impact

Consumer preferences, Financial and Non-financial policy impact on EV adoption, Equity and Accessibility, Inclusive Shared Mobility like bike-sharing, ride-hailing, and car-sharing

Theme 6: Resilience and Climate Change in EV Mobility Systems

EV adoption and GHG Emissions and Mobility patterns, energy storage solutions for clean transportation, Balance energy demand from EV charging with renewable energy supply and grid storage