

Research Paper Publications

2025

1. **Arindam Dutta.** (2025). Shaping India's EV future: a policy framework inspired by global best practices. *Academia Green Energy*, 2(2).
2. **Arindam Dutta.** (2025), Strategic policy architectures for India's solar-to-hydrogen transition: enabling market transformation through institutional alignment, *Solar Energy*, Volume 300, 2025,113808.(Scopus Indexed| Impact Factor: 6.6)

Conference

2025

1. **Arindam Dutta**(2025). Energy Efficiency Measures in Eastern Railway: Towards a Net Zero Future. Presented at the NET ZERO Conference 2025, Association of Energy Engineers (AEE), IISWBM, Kolkata, 30 August 2025.
2. **Arindam Dutta**(2025). The Virtuous Cycle of Form Factor and Function: A Comparative Techno-Economic Analysis of 18650, 2170, and 4680 Cylindrical Battery Cells in the EV Industry. Presented at the NET ZERO Conference 2025, AEE India Chapters, IISWBM, Kolkata.
3. **Arindam Dutta**(2025). Role of ESG Factors in Shaping Stock Market Outcomes: A Detailed Analysis of India's SENSEX-30 Companies. Presented at the NET ZERO Conference 2025, IISWBM, Kolkata.
4. **Arindam Dutta.** (2025). A Framework for ESG Scoring in Indian Iron and Steel Companies Incorporating BRSR Guidelines and Market Cap Volatility. Presented at the NET ZERO Conference 2025, IISWBM, Kolkata.
5. **Arindam Dutta**(2025). Fiscal Policy Integration for Green Development: A Detailed Study on India. Presented at the NET ZERO Conference 2025, IISWBM, Kolkata.
6. **Arindam Dutta.** (2025, November 20–21). *From concrete to carbon smart: Advancing green affordable housing in India.* In the 2025 International Conference on Sustainable Technology in Energy and Power Systems (STEPCON-2025), IEEE Kolkata Section, held at Narula Institute of Technology, Kolkata, India.
7. **Arindam Dutta**(2025, November 20–21). Rethinking building cooling energy demand using green materials: A pathway to resilient low-carbon design in India. In the 2025 International Conference on Sustainable Technology in Energy and Power Systems (STEPCON-2025), IEEE Kolkata Section, held at Narula Institute of Technology, Kolkata, India. 🏆 Best Paper Award