

IFEVA International Federation of Electric Vehicle Association

POST-EVENT REPORT · SERIES 1

TERMINATOR 5.0 - 2026

Technical Conference, Workshop and Awards on Testing, Calibration, Validation and Emerging Technologies for the EV Ecosystem

24 October 2026 | GL Bajaj Institute of Technology and Management | Greater Noida, Uttar Pradesh

ORGANISED BY

International Federation of Electric Vehicle Association (IFEVA) and TIICCI

HOST INSTITUTION

GL Bajaj Institute of Technology and Management, Greater Noida

Supported by

सत्यमेव जयते
भारत सरकार
GOVERNMENT OF INDIA
सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

AT A GLANCE

One day. Six technical sessions. One national platform.

TERMINATOR 5.0 brought government, industry, testing specialists and academia together at GL Bajaj Institute of Technology and Management to discuss how India tests, validates and scales electric vehicles, batteries and charging. The day also saw the release of the Bharat Maha EV Rally 2025 Impact and Policy Report.

6
Technical sessions, from battery testing to closed-loop mobility

44
Speakers in the published programme

200+
Participants, as reported in the press

9
i-FEVA Green Awards presented

CHIEF GUEST

Shri Nand Gopal Gupta "Nandi"

Cabinet Minister for Industrial Development, Export Promotion, NRI and Investment Promotion, Government of Uttar Pradesh

GUESTS OF HONOUR

- Mercy Epao, Joint Secretary, Ministry of MSME, Government of India
- Dr Vishal Choudhary, Scientist F, Office of the Principal Scientific Adviser to the Government of India
- Vinkesh Gulati, Chairperson, Automotive Skill Development Council
- Sudhendu J. Sinha, former Adviser, NITI Aayog; Principal Advisor, IFEVA
- Raunak Gupta, Divisional Officer, Civil Defence





Organised by
IFEVA and TIICCI (Testing Instruments Indian Chambers of Commerce and Industry), with logo support from the Ministry of MSME, Government of India

Host and Academia Partner
GL Bajaj Institute of Technology and Management, Greater Noida; coordination by Dr Mohit Bansal, HoD, EEE

Testing and MoU Partners
ICAT, ARAI and GARC; Office of the Principal Scientific Adviser and SAEINDIA Northern Section; EduTech Partner Tata IIS

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FOREWORD

India's electric vehicle industry is moving from early adoption to scale. At scale, the questions that matter most are technical ones: whether a battery is safe, whether a charger performs as specified, whether a retrofit is sound, and whether the laboratories, instruments and people exist to prove it.

TERMINATOR was created to put those questions at the centre of the industry's agenda. The first edition of TERMINATOR 5.0 brought government, testing agencies, manufacturers, financiers and academia to GL Bajaj Institute of Technology and Management, with logo support from the Ministry of MSME, and released the Bharat Maha EV Rally 2025 Impact and Policy Report.

This report records the day: its sessions, its guests, its partners and the commitments that follow. IFEVA thanks everyone who made it possible, and invites industry and institutions to join the next editions of the series.

International Federation of Electric Vehicle Association

THE PLATFORM

Ten pillars, one mission.

TERMINATOR is IFEVA's national technical series. Each edition combines conference sessions, practical workshops, equipment demonstrations and industry recognition, hosted by a technical institution and built around ten themes.

T Testing	**E** Electric Vehicles	**R** Retrofitting	**M** Mobility	**I** Innovation
N Next Generation	**A** Artificial Intelligence	**T** Technology	**O** Optimisation	**R** Recycling

03 · INAUGURAL SESSION

Electric mobility as a path to jobs and industry.



Shri Nand Gopal Gupta "Nandi"
Chief Guest; Cabinet Minister, Government of Uttar Pradesh



Mercy Epao
Joint Secretary, Ministry of MSME



Vishal Choudhary
Scientist F, Office of the PSA



Vinkesh Gulati
Chairperson, ASDC



Raunak Gupta
Divisional Officer, Civil Defence



Sudhendu J. Sinha
Former Adviser, NITI Aayog

> **"Electric vehicles are a new path for employment and the development of industry."**
>
> Shri Nand Gopal Gupta "Nandi", Chief Guest, as reported by Amar Ujala, 24 October 2026 (translated from Hindi)

The Chief Guest inaugurated the conference with the guests of honour, the leadership of GL Bajaj Institute of Technology and Management and IFEVA office-bearers.

Key messages from the Chief Guest

As reported in the press

- Noida has become one of India's largest centres for mobile phone and electric vehicle manufacturing.
- Electric vehicles are replacing conventional vehicles quickly; trucks and buses now also run on batteries.
- Wider EV use cuts carbon emissions and supports sustainable development.
- Students should pursue product-based research, especially on battery recycling and reuse.
- Industry and institutions should work together on batteries, charging and vehicle technology, in line with Make in India.





Inaugural programme

- Welcome: Dr Kalyan Hatti, Chairman, IFEVA
- Keynote: Sudhendu J. Sinha, Principal Advisor, IFEVA
- Academia Partner: Pankaj Agarwal, Vice Chairman, GL Bajaj
- Knowledge Partner: Vikas Yadav, Principal – Advisory, PROLOGUE
- Report release and Chief Guest's address
- Vote of thanks: Dr Shailendra Saroj, Founder, IFEVA and TIICCI

04 · TECHNICAL PROCEEDINGS

Six sessions on testing, finance and circularity.

Each session brought together manufacturers, testing and measurement specialists, financiers and researchers. Moderators and panels are as listed in the programme.

I

Battery testing and validation

Battery safety and validation, performance assessment, battery management, predictive diagnostics, advanced cell chemistry, assembly automation and end-of-line testing.

MODERATOR Dr Kalyan Hatti, Chairman, IFEVA

PANEL Balraj Bahnot, former DDG, Ministry of Heavy Industries, and Director, ARAI; Sachin Agarwal, Redon; Praveen Sood, Regnant Energy, President Technical, IFEVA; Harinder Mohan Singh, Voltaredox Israel, President Haryana, IFEVA; Sunil Bhatnagar, SwitchLabs, President Zero Emission, IFEVA

II

EV Charging 2.0

Charger performance, maintenance and diagnostics, AIS-related compliance, interoperability, intelligent and bidirectional charging, electrical safety and fault detection.

MODERATOR Sikander Singh, CEO, Energia Core; Vice President, EV Charger, IFEVA

PANEL R.K. Singh, Tata Power; Ravindra Mohan, Charge Zone; Manoj Gupta, Eco Fuel, JBM Group; Praveen Kumar Aggarwal, CUGL and GAIL; Prabhat Suman, Nexular Sweden; Ravindra Joshi, President North India, IFEVA

III

Green Finance 2.0

Capital access, project financing, risk-sharing instruments and commercial support for EV manufacturers, startups, batteries and charging infrastructure.

MODERATOR Sachin K. Sheoran, MD, HBF Direct

PANEL Ashish Agrawal, Resurgent India; Shailesh K. Agrawal, The Climate Guys; IDFC First Bank

IV

The next phase of electric mobility

Scaling EV adoption and domestic industry competitiveness while maintaining standards, safety, quality and homologation requirements.

MODERATOR Dr Kalyan Hatti, Chairman, IFEVA

PANEL Yash Pal Sachar, Ashok Leyland; Vivek Dhawan, Omega Seiki Mobility; Puneet Anand, Hyundai Motor India; Shishir Agrawal, Shigan EV; Vikas Gupta, Sampoorn EV; Ram Vemireddy, Varcas EV



Participating and supporting organisations at TERMINATOR 5.0.



TERMINATOR 5.0 at GL Bajaj Institute of Technology and Management.

V

EV retrofitting

Regulatory approvals, conversion safety, vehicle integration, battery and drivetrain selection, diagnostic requirements and the economics of retrofit solutions.

MODERATOR Dr Shailendra Saroj, Founder, IFEVA and TIICCI

PANEL Gobind Dansinghani, Dancorp (Jamaica and Canada); Nikhil Anand Khurana, Folks Corporation; Anshu Dewan, IX Energy; Sivasankari T.P., AR4 Tech

VI

Closed-loop and zero-waste mobility

Extended producer responsibility, battery recycling, critical materials, recycled content, circular manufacturing and end-of-life systems.

MODERATOR Simi Mishra, Founder, The Re:Gen Collective

PANEL Dr Sandip Chatterjee, SERI, former Director, MeitY; Dr Abhijeet Anand, NITI Aayog; Manoj Chugh, formerly Mahindra Group; Sudhir Singh Pundhir, President Recycling, IFEVA

SPECIALIST PRESENTATIONS

- Next-generation battery cells: Dr Samuel Varghese, MATLAB Mumbai; International President, Battery Segment, IFEVA
- Smart battery manufacturing: Dr Deepak Wadhwa, DNA Technologies; International Vice President, IFEVA
- CSP with thermal storage for 24x7 power: Rajan Varshney, NTPC
- India–Europe partnerships: Prof. Wojciech Wolf, Lodz University of Technology
- Testing and measurement instruments: Deepak Singh Rawal, TESQ
- Battery energy storage: Dr B.S. Rathore, President, BESS, IFEVA
- Keynotes: Dr Amrita Dawn, DRIIV, Office of the PSA; Prof. B.K. Panigrahi, IIT Delhi; I.V. Rao, TERI

PRACTICAL WORKSHOP

Battery testing and fault analysis

A hands-on workshop for students and practitioners, from performance evaluation to failure analysis, led by Hiren Patel, Head, School of Energy, Tata Indian Institute of Skills.



The TERMINATOR 5.0 speaker wall at GL Bajaj Institute.



Speakers and dignitaries on stage.

05 · SPEAKERS

44 speakers from government, industry and academia.

As listed in the published programme.



Vishal Choudhary
Director (Scientist F), Office of the Principal Scientific Adviser,...



Sudhendu J. Sinha
Former Adviser, NITI Aayog



Pankaj Agarwal
Vice Chairman, GL Bajaj



Mahesh Babu
MD, Olectra Greentech



Prof. Wojciech Wolf
Honorary Consul, Grand Duchy of Luxembourg



Diego Graffi
CMD, Piaggio Vehicles



Dr Anadi N. Sinha
Director, Group Corporate and Government Affairs,...



Praveen K. Aggarwal
Chairman, CUGL; Executive Director, GAIL



Dr Abhijeet Anand
Green Transition, Energy and Climate Change Group, NITI...



Dr Uday Narang
Founder, Omega Seiki Mobility



Dr Sandip Chatterjee
Advisor, SERI; former Director, MeitY



Yash Pal Sachar
VP and Head, Corporate Affairs, Ashok Leyland



Puneet Anand
AVP and Vertical Head, Hyundai Motor India



Manoj Chugh
Former President, Group Public Affairs, Mahindra



Dr Shobha Dhawan
Chairperson, Dawnsun Group



Ashish Agrawal
Director, Resurgent India



Shailesh K. Agrawal
Managing Partner, S&B Fin.; The Climate Guys



R.K. Singh
Head, BESS, Tata Power



Balraj Bahnot
Former Director, ARAI



Shishir Agrawal
MD, Shigan EV



Ravindra Mohan
Director, Charge Zone



Dr B.K. Panigrahi
Dean, Academics, IIT Delhi



Anshu Dewan
Founder and CEO, IX Energy



Simi Mishra
Founder, The Re:Gen Collective



Gobind Dansinghani
Dancorp, Jamaica, West Indies and Canada



Nikhil Anand Khurana
Chairman, Folks Corporation



Prabhat Suman
Director, Business Development, Nexular Sweden



Sachin K. Sheoran
MD, HBF Direct



Dr Amrita Dawn
Chief Innovation Office, DRIIV



Dr Samuel Varghese
Director, MATLAB



I.V. Rao
Distinguished Fellow, Transport and Urban Governance, TERI



Sudhir Singh Pundhir
President, Recycling, IFEVA



Rajan Varshney
DGM, NTPC



Aryan Gupta
CEO, Eco-Connect



Ram Vemireddy
Director, Varcas EV



Saurabh Mohan Saxena
Founder Director, AHODS Technologies



Dr Deepak Wadhwa
Founder and Director, DNA Technologies



Dr B.S. Rathore
President, BESS



Sunil Bhatnagar
Director, SwitchLabs



Dr Kalyan S. Hatti
Chairman, IFEVA; Chairman, META Group

Deepak Singh Rawal
Director, TESQ

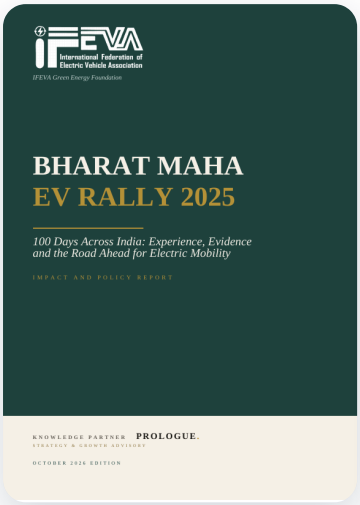
Harinder Mohan Singh
Director, Voltaredox

Shivangi Agrawal
CEO and Founder, Labsol Enterprises

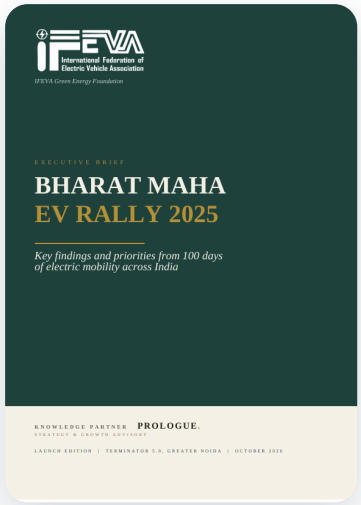
Praveen Sood
Director, Regnant Energy

06 · KNOWLEDGE MILESTONE

Bharat Maha EV Rally 2025: Impact and Policy Report released.



Impact and Policy Report, 52 pages



Executive Brief, 12 pages

The report turns the 100-day, 23,000 km Bharat Maha EV Rally across 24 States and 6 Union Territories, with engagements in Bhutan and Nepal, into evidence on charging access, adoption conditions and implementation gaps, and sets out an agenda for policy action.

10
Analytical frameworks

20
Recommendations in six themes

Proposed: a National EV Observatory to track adoption, charging reliability and implementation with consistent indicators.

Published by IFEVA. Knowledge Partner: PROLOGUE. Available at www.ifeva.org.





Release of the report and Executive Brief by the Chief Guest, guests of honour and IFEVA leadership.

07 · RECOGNITION

i-FEVA Green Awards.

The i-FEVA Green Award Show closed the day with nine awards for companies across vehicles, components, batteries, charging, retrofitment, testing and innovation. Closing remarks were delivered by Dr Rajeev Mishra, President, IFEVA.

BEST EV CAR DEALER
Sagar Motors
Noida · Tata EV dealership

BEST COMPONENT SUPPLIER
Shigan EV

RELIABLE AND AFFORDABLE EV COMPANY OF THE YEAR
Varcas
Hyderabad

BATTERY SECOND LIFE OF THE YEAR
Voltaredox

EV CHARGER OF THE YEAR
Charge Zone

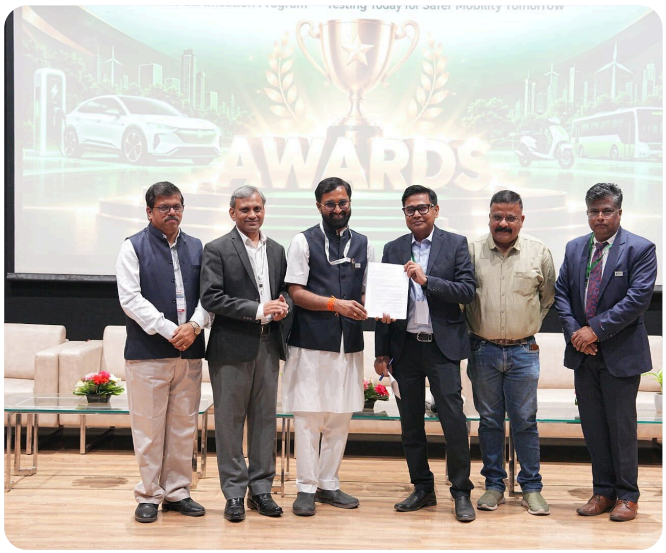
CLEAN ROOM EQUIPMENT OF THE YEAR
Labsol

BEST EV RETROFITMENT OF THE YEAR
IX Energy
Noida

BEST TESTING EQUIPMENT SUPPLIER
TESQ Electronics India

INNOVATION OF THE YEAR
Lords Mobility (Lords EV)





Award presentations at the i-FEVA Green Award Show, 24 October 2026.

08 · PARTNERS, INDUSTRY AND ACADEMIA

Bringing the EV industry onto campus.

Holding TERMINATOR at a technical institution put students and faculty in the same room as manufacturers, testing specialists and policymakers. The table sets out potential areas for follow-up collaboration with the host institution.

AREA	POTENTIAL AREAS FOR FOLLOW-UP COLLABORATION
Testing skills	Short workshops on battery, motor, charger and diagnostic equipment
Applied projects	Industry problem statements and student research assignments
Faculty engagement	Train-the-trainer programmes and specialist lectures
Laboratory collaboration	Instrument demonstrations and testing awareness within authorised facilities
Internships	Placements with member companies across the EV value chain

PROGRAMME PARTNERS

MoU Partners: Office of the Principal Scientific Adviser; SAEINDIA Northern Section. Testing Partners: ICAT, ARAI, GARC. Academia: GL Bajaj. EduTech: Tata IIS. Knowledge: PROLOGUE. Finance: Resurgent India.

09 · MEDIA COVERAGE

In the news.

Print and online coverage focused on the Minister's call for EV-led jobs and investment, battery recycling and product-based research.



Hummer (English), 1 Nov 2026



Navodaya Times, Noida, p.1



Dainik Jagran



AIR News Lucknow



Federal Bharat

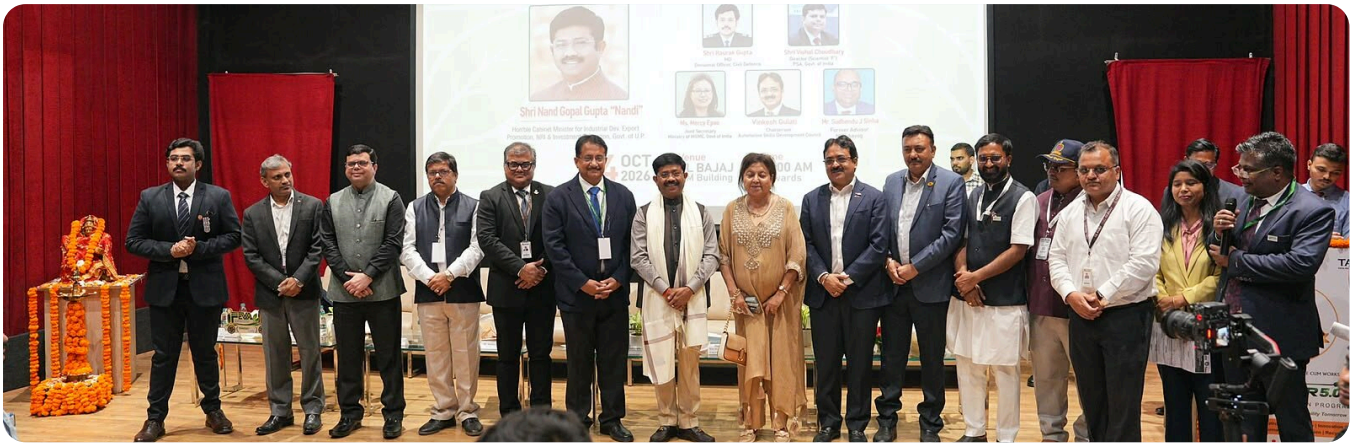


Suryoday Bharat

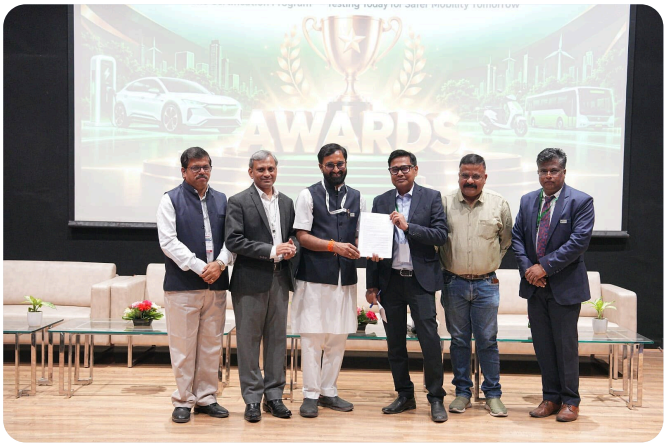
OUTLET	DATE	HEADLINE OR FOCUS
Hummer (English daily, New Delhi)	1 Nov 2026	TERMINATOR 5.0 brings EV industry leaders, policymakers and technical experts together in Greater Noida
Amar Ujala	24 Oct 2026	Electric vehicles will transform the future of employment: Nandi
GrenoNews	24 Oct 2026	TERMINATOR 5.0 held at GL Bajaj; Minister calls electric vehicles the future
Federal Bharat	24 Oct 2026	TERMINATOR 5.0-2026 held at GL Bajaj; Minister Nand Gopal Gupta "Nandi" Chief Guest
Raftar Today	24 Oct 2026	Minister emphasises electric vehicles, battery recycling and product-based research
Adbhut Samachar	24 Oct 2026	Investment and employment potential in the EV sector
Navodaya Times	25 Oct 2026	Youth should research battery recycling: Minister
Dainik Jagran	25 Oct 2026	Noida among key centres for mobile and EV manufacturing
AIR News Lucknow	25 Oct 2026	TERMINATOR 5.0–2026 organised with IFEVA; Cabinet Minister Nandi attends as Chief Guest
Suryoday Bharat	25 Oct 2026	Investment and employment potential in electric vehicles and green energy
Deshbandhu	Oct 2026	Work on battery solutions with new transport options: Nand Gopal Gupta

10 · IN PICTURES

The day at GL Bajaj.











11 · THE ROAD AHEAD

From one campus to a national series.

TERMINATOR 5.0 continues as a national series, each edition hosted by a technical institution with its own testing and skills focus.

1	2	+
Greater Noida	**Bengaluru**	**Further editions**
24 Oct 2026 Completed	Series 2 Dates to be announced	Hosts and cities announced by the Secretariat

Next steps after Series 1

- Share this report and the Rally publications with participants, partners and government stakeholders
- Explore workshop modules and follow-up activities with GL Bajaj Institute
- Develop subject-specific agendas on testing, diagnostics and skills for Series 2
- Publish award recipients and approved photographs on www.ifeva.org
- Announce the date, venue and partners for Series 2 in Bengaluru

Ideas in development

At the conference IFEVA outlined a proposal for an integrated Mobility and Energy Park in Prayagraj, Uttar Pradesh. IFEVA is also developing concepts for an EV Park, EV Hospital and EV Clinic to strengthen inspection, diagnostics and technical support. These remain subject to feasibility work, approvals and funding.

UPCOMING

TERMINATOR 5.0 Series 2. Organisations interested in hosting, sponsoring or speaking can contact the IFEVA secretariat.

ACKNOWLEDGEMENTS

With thanks.

IFEVA thanks the Chief Guest, Shri Nand Gopal Gupta "Nandi", and the guests of honour from the Ministry of MSME, the Office of the Principal Scientific Adviser, the Automotive Skills Development Council, NITI Aayog and Civil Defence. We are grateful to the Ministry of MSME for its logo support; to GL Bajaj Institute of Technology and Management, its leadership, faculty, students and volunteers for hosting the conference; to TIICCI as co-organiser; to ICAT, ARAI and GARC as Testing Partners, and the Office of the Principal Scientific Adviser and SAEINDIA Northern Section as MoU Partners; to Tata Indian Institute of Skills for the practical workshop; to PROLOGUE. as Knowledge Partner for the Bharat Maha EV Rally publications; and to every speaker, sponsor, exhibitor and delegate who took part.

International Federation of Electric Vehicle Association

People · Policy · Industry · Sustainability

IFEVA Green Energy Foundation
Office No. 06, 3rd Floor, Plot No. 43, Hasanpur Village,
IP Extension, New Delhi 110092
www.ifeva.org · jointsecretary@ifeva.org

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