ISIEINDIA

INNOVATOR'S MONTHLY

ISIEINDIA
CHARGING CAREER

September 2025 Edition

Empowering Youths | Driving Innovations | Leading Green Mobility

www.isieindia.com

ISIEINDIA

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About ISIEINDIA

To make India a Global Talent Partner for the Sunrise Sectors - "HUB OF EV WORKFORCE"

A pioneer with 13 years of impactful experience leading advancements in Green Mobility, Renewable Energy, Drones, Robotics, AI, and IoT—shaping the future of sustainable and intelligent technologies. ISIEINDIA is positioned as a premier organization in India, specializing in Electric Vehicle (EV) Labs, EV Skill Development, Professional Courses, and Vocational Training Programs in sunrise sectors such as EV. With over a decade of pioneering experience, ISIEINDIA has emerged as a national leader in developing the ecosystem for Green Mobility, Future Automotive Technologies, and Sustainable Energy Solutions.

1600+ EV Prototypes

75+ EV Centers of Excellence

4.5+ L Youths Training

National Youth Award

Pan-India Presence

750+ Partner Institutions

150+ Memorandums of Understanding

Awards & Presence

National Youth Award

2015-2016

By Ministry of Youth and Sports Affairs, Govt. of India

Best EV LAB & EV Skill Ecosystem Development Award

2025-2026

By EMobility+ EV Manufacturing Leadership

EDN Star Award

2016

Earth Day Network Star Award in 2016 USA

Titans of Technology Award

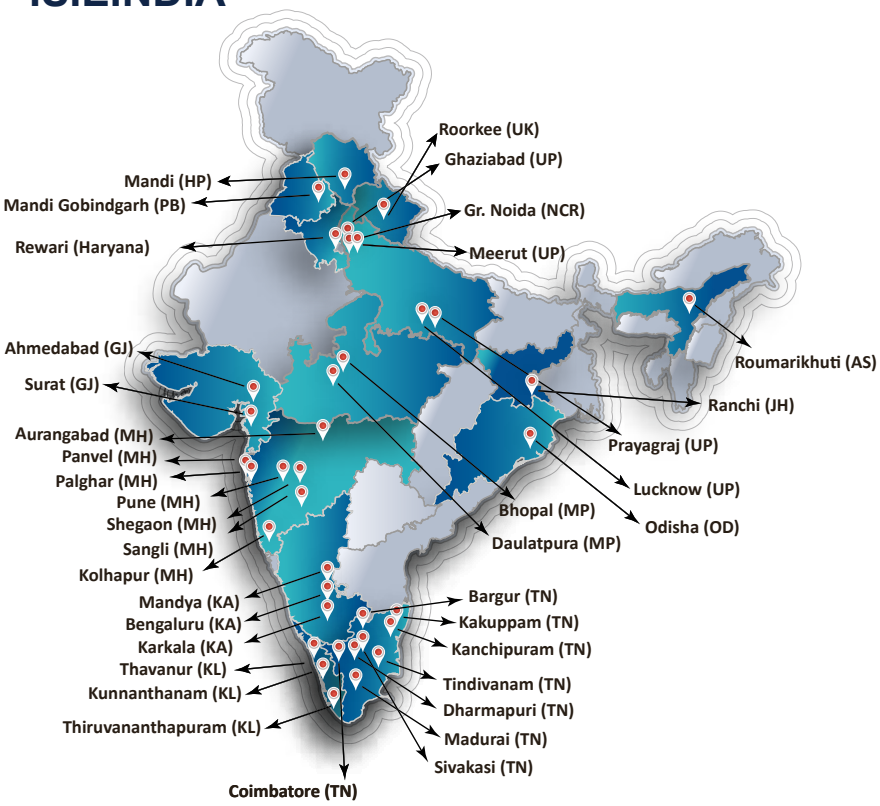
2018-2019

Social Entrepreneurship Award

2020

By Lovely Professional University

COE EV Lab Network Established by ISIEINDIA



MOU's Signed for Industry Skill Program & Industry Partnership

Cosmo Foundation, Gujarat

Cosmo Foundation
Cosmo First Limited

Bosch India Foundation, Bangalore

BOSCH INDIA FOUNDATION

Elevate Electric Pvt. Ltd. Gujrat

ELEVATE ELECTRIC

Govt Polytechnic Anantapur

GOVERNMENT POLYTECHNIC, ANANTAPURAMU

Govt Polytechnic Narpala

GOVERNMENT POLYTECHNIC NARPALA

Priyadarshini College of Engineering, Nagpur

PRIYADARSHINI COLLEGE OF ENGG. NAGPUR

Skill Development Programs Commenced this Month

Bagalkot University, Karnataka

KIET Group of Institutions, Uttar Pradesh

Pravara Rural Engineering College Loni, Maharashtra

Raj Kumar Goel Institute of Technology, Ghaziabad

Shri Ramswaroop Memorial University, Uttar Pradesh

Sardar Patel University, Gujrat

Faculty Development Programs Commenced this Month

Indian Institute Of Technology Roorkee, Uttarakhand

Atmiya University, Gujarat

RKDF University Ranchi

Students Landed into their Dream Jobs

From ISIEINDIA EV Lab to Industry: Students Selected by Tata AutoComp Gotion

ISIEINDIA Creates Industry Pathways with OLA Electric Selections

ISIEINDIA on a Mission: Women on the Move

ISIEINDIA had taken a significant step towards transforming the landscape of skill development and women empowerment in Aurangabad by signing an MOU with Cosmo Foundation. This collaborative initiative was designed to create opportunities for young women in the rapidly evolving Electric Vehicle (EV) industry, a sector poised to define India's future in green mobility.

Under this program, 50 students were carefully selected to participate in an intensive training curriculum that combined theoretical knowledge with hands-on practical experience. The training focused on EV manufacturing and servicing, giving the students a thorough understanding of the technology, components, and operations involved in the EV ecosystem. Beyond classroom learning, the students also received On-the-Job Training (OJT) in real industry environments. This allowed them to gain invaluable exposure to professional work culture, understand industry processes, and contribute to live projects, preparing them for impactful careers in the EV sector.

The initiative was more than just skill development; it symbolized a conscious effort to break traditional barriers and foster gender equality in a predominantly male-dominated industry. By empowering women with technical knowledge and practical expertise, ISIEINDIA aimed to nurture a generation of leaders who could drive innovation and transformation in electric mobility.

Colleges and universities partnered with ISIEINDIA Labs to ensure their students became future-ready with in-demand EV skills, while students and parents actively engaged with the program, recognizing the opportunity to gain real-world experience in a sector that is shaping India's sustainable future.

Through this project, ISIEINDIA successfully showcased how education, hands-on training, and industry collaboration could converge to not only create career opportunities but also inspire women to lead the charge in India's electric mobility revolution.

> *With initiatives like this, ISIEINDIA is not just shaping skilled professionals—it is empowering women to drive India's electric mobility revolution forward.*

A Step Towards Empowering Women, Building India's Future

ISIEINDIA, in collaboration with Cosmo Foundation and JMA Marketing, proudly inaugurated the Women Empowerment Project, witnessed by esteemed dignitaries:

- **Shri Mangal Prabhat Lodha Ji** – Minister, Ministry of Skill Development and Entrepreneurship, India
- **Ms. Rupa Bohra** - Managing Director at TNS India Foundation
- **Mr. Rajesh Gupta** – General Manager (Finance), Cosmo Films Pvt Ltd, Chh. Sambhajinagar
- **Mr. Purushottam Deotale** – Joint Director, Regional Office, Chh. Sambhajinagar
- **Mr. Ashish Garde** – Director, MAGIC Business Incubator SME Accelerator
- **Mr. Arjun Gaikwad** – President, MASSIA

This initiative was not just an event—it was a vision to empower women, equipping them with skills, confidence, and independence to inspire change in their families, communities, and the nation. Participants engaged in skill-building activities, workshops, and mentorship sessions designed to nurture self-reliance and leadership.

The Women Empowerment Project reflects ISIEINDIA's commitment to creating a future where every woman is financially independent, every home stronger, and every community thrives because of empowered women.

Together, we can build a stronger, brighter India—one empowered woman at a time.

ISIEINDIA Partners with Bosch India Foundation to Advance Automotive Skill Development

ISIEINDIA proudly achieved a significant milestone when it received official approval to deliver Skill Development Programs aligned with industry standards. Recognized by Bosch India Foundation as their Knowledge Partner, ISIEINDIA stood out among more than 300 applicants, with only 40 organizations granted this prestigious approval.

As part of this initiative, ISIEINDIA had the honor of participating in the launch and letter exchange ceremony of the Livelihoods Enhancement through Automotive Skills Development Program, held at the Bosch – North Gate Welcome Pavilion in Adugodi, Bangalore. The event marked the formal beginning of a collaboration that aimed to equip youth with industry-relevant automotive skills and prepare them for entry-level opportunities in the sector.

Through this partnership, ISIEINDIA took a major step toward creating sustainable livelihoods for young professionals, combining hands-on training, industry insights, and practical skill-building. By aligning education with the evolving needs of the automotive industry, the program set the stage for students to transition seamlessly from learning environments to professional careers.

This collaboration with Bosch India Foundation exemplified ISIEINDIA's commitment to shaping the next generation of skilled automotive professionals and strengthening India's workforce in the rapidly advancing mobility sector.

> *Through this partnership, ISIEINDIA is not only imparting skills but also shaping the future of India's automotive workforce, one trained professional at a time.*

ISIEINDIA Welcomes Elevate Electric Pvt. Ltd. as Industry Partner for COE EV Lab in Gujarat

ISIEINDIA proudly announced its collaboration with Elevate Electric Pvt. Ltd., bringing the industry's expertise directly into the COE EV Lab in Gujarat. This partnership aimed to bridge the gap between classroom learning and real-world EV industry experience, providing students with hands-on training in Electric Vehicle manufacturing, design, and servicing.

Through this collaboration, students gained access to the latest industry practices, cutting-edge technology, and practical insights from professionals, preparing them for impactful careers in India's rapidly growing electric mobility sector.

By joining forces with Elevate Electric Pvt. Ltd., ISIEINDIA reinforced its commitment to creating future-ready EV professionals equipped with the skills, knowledge, and industry exposure needed to lead India's electric mobility revolution.

> *This partnership with Elevate Electric Pvt. Ltd. empowers ISIEINDIA students to turn their EV aspirations into real-world innovations, driving India's electric mobility forward.*

ISIEINDIA Signs MOU with Govt Polytechnic Anantapur fo Saksham 2.0 Initiative

ISIEINDIA reached a new milestone by signing an MOU with Government Polytechnic Anantapur to implement the Saksham 2.0 initiative, an industry-driven program spearheaded by Hero MotoCorp in collaboration with the Automotive Skills Development Council (ASDC) – India. The initiative focused on equipping students with hands-on automotive skills, bridging the gap between academic learning and industry requirements.

Through this program, students received specialized training in automotive manufacturing, service, and maintenance, gaining practical exposure to industry processes and tools. The collaboration aimed to enhance employability, preparing the next generation of professionals for India's evolving mobility and automotive sector.

By partnering with Hero MotoCorp and ASDC, ISIEINDIA reinforced its commitment to providing industry-aligned skill development, empowering students to step confidently into impactful careers in the automotive ecosystem.

> *Through the Saksham 2.0 initiative, ISIEINDIA is empowering students to transform their skills into careers, shaping the future of India's automotive industry with confidence and expertise.*

ISIEINDIA Partners with Govt Polytechnic Narpala for Saksham 2.0 Initiative

ISIEINDIA strengthened its commitment to industry-aligned skill development by signing an MOU with Government Polytechnic Narpala to implement the Saksham 2.0 initiative. This program, led by Hero MotoCorp in collaboration with the Automotive Skills Development Council (ASDC) – India, aimed to equip students with hands-on automotive skills for meaningful careers in India's mobility sector.

Students underwent practical training in automotive manufacturing, servicing, and maintenance, gaining exposure to industry-standard tools, processes, and techniques. The program focused on enhancing employability, bridging the gap between classroom learning and professional requirements, and preparing students to contribute effectively to the automotive industry.

By partnering with Hero MotoCorp and ASDC, ISIEINDIA continued to create pathways for the next generation of skilled automotive professionals, empowering them to drive innovation and growth in India's evolving mobility landscape.

> *Through Saksham 2.0, ISIEINDIA is empowering students at Govt Polytechnic Narpala to transform their skills into careers, shaping the future of India's automotive industry.*

ISIEINDIA Collaborates with Priyadarshini College of Engineering, Nagpur for Saksham 2.0 Initiative

ISIEINDIA proudly joined hands with Priyadarshini College of Engineering, Nagpur to implement the Saksham 2.0 initiative, an industry-driven program led by Hero MotoCorp in collaboration with the Automotive Skills Development Council (ASDC) – India. The initiative focused on equipping students with practical automotive skills, preparing them for rewarding careers in India's dynamic mobility sector.

As part of the program, students received hands-on training in automotive manufacturing, servicing, and maintenance, gaining exposure to real industry tools, technologies, and processes. The initiative bridged the gap between academic learning and industry requirements, enhancing employability and ensuring that students were ready to meet the demands of the automotive workforce.

By partnering with Hero MotoCorp and ASDC, ISIEINDIA strengthened its mission of nurturing industry-ready talent, enabling students to translate their skills into meaningful careers and contribute to India's growing automotive and electric mobility ecosystem.

> *Through Saksham 2.0, ISIEINDIA is empowering students at Priyadarshini College of Engineering to turn their skills into careers, driving India's automotive industry forward.*

BATTERY CHARGING

ON-BOARD CHARGING

This is the most convenient way to charge the battery. Just connect the charging cable directly to the motorcycle itself.

PORTABLE CHARGING

If you do not have a power source near the motorcycle, simply remove the battery and charge it in the confines of your home or office.

REVOLT SWITCH STATIONS

If you are on the move and the low battery indicator is on, you can visit the nearest Revolt Switch Station through the MyRevolt app and exchange your drained battery for a fresh one.

SOS DELIVERY

In case you run out of battery charge and do not have access to any of the above battery charging options, you can order a fully-charged battery through the MyRevolt app. Delivery time: 90 minutes (may vary depending on traffic conditions).

Every Revolt motorcycle battery undergoes numerous tests including performance, battery life cycle, nail penetration, shock, all-weather and waterproofing as per ARAI standards.

FEATURES

RV400

COLORS	REBEL RED | COSMIC BLACK
DISC BRAKES (CBS)	FRONT (240 MM) AND REAR (240 MM)
TYRES	FRONT - 90/80-17, REAR - 120/80-17
FRONT FORK	UPSIDE DOWN FORKS
REAR SUSPENSION	ADJUSTABLE MONOSHOCK
BATTERY TYPE	LITHIUM ION
VOLTAGE / WATTAGE	72 V, 3.24 KWH
CHARGING TIME	0-75% IN 3 HOURS AND 0-100% IN 4.5 HOURS
MOTOR	3 KW (MID DRIVE)
WEIGHT	108 KG
WHEEL BASE	1350 MM
SEAT HEIGHT	814 MM (RIDER)
CARRYING CAPACITY	2 PERSONS / MAXIMUM 150 KG
GROUND CLEARANCE	215 MM
LED LIGHTS	HEAD LAMP WITH PROJECTION (HIGH BEAM) TAIL LAMPS AND INDICATORS
RANGE	150 KMS* (ECO MODE) 100 KMS* (NORMAL MODE) 80 KMS* (SPORT MODE)

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Specifications, features and services are subject to change without prior notice. Revolt Switch Stations are restricted to the Municipal limits of select cities. Features may vary between models. Range in each mode depends on riding conditions, rider weight and riding behaviour. Always wear a helmet while riding. T&C Apply.

REVOLT

Revolt Intellicorp Pvt. Ltd.
Revolt House, Plot No 4, Sector 8, IMT Manesar, Haryana 122050, India

ISIEINDIA Hosts Expert Session on Tyre Care & Road Safety with ATMA

ISIEINDIA hosted an Expert Session on Tyre Care & Road Safety at Raj Kumar Goel Institute of Technology, Ghaziabad, in collaboration with the Automotive Tyre Manufacturing Association (ATMA). The session was designed to provide students with practical knowledge and industry insights, emphasizing the importance of vehicle maintenance and safe driving practices in today's fast-evolving mobility landscape.

During the session, students gained hands-on guidance on tyre care, including proper maintenance techniques, lifespan optimization, and safety checks that are crucial for vehicle performance.

Industry experts shared best practices for road safety, offering students insights into responsible driving, accident prevention, and the role of safety standards in reducing road incidents. The discussions also highlighted the connection between well-maintained vehicles and sustainable mobility, stressing how small practices can contribute to safer, greener roads.

The program provided a unique opportunity for students to interact with professionals, ask questions, and learn from real-world experiences in the automotive sector. By combining theoretical knowledge with practical demonstrations, the session empowered students to become both skilled engineers and responsible drivers, capable of applying these lessons in their professional and personal lives.

Initiatives like this reflect ISIEINDIA's commitment to creating industry-ready talent while promoting a culture of safety, awareness, and innovation among young engineers. By equipping students with the right skills and knowledge, ISIEINDIA continues to contribute toward India's vision of safer roads and sustainable mobility.

> *Through this session, ISIEINDIA empowered students to become skilled, responsible engineers, driving India's vision of safer and smarter roads forward.*

EV Workshop Kicks Off at Basaveshwar Engineering College, Bagalkote

Basaveshwar Engineering College, Bagalkote, Karnataka, marked an exciting beginning as its EV Workshop commenced with enthusiasm, learning, and innovation. Students and faculty eagerly engaged in hands-on exploration of Electric Vehicle (EV) technologies, gaining practical experience and insights into sustainable mobility solutions.

The workshop provided a platform for participants to build critical skills for the future of transportation, combining theoretical knowledge with real-world applications. By working on EV systems, components, and maintenance practices, students were able to understand the intricacies of electric mobility and develop problem-solving abilities relevant to the industry.

Participants also explored emerging trends in the EV sector, including battery management systems, motor technologies, and charging infrastructure, enabling them to grasp the challenges and opportunities of sustainable mobility. Faculty members guided students through interactive sessions, demonstrations, and collaborative projects, fostering an environment of creativity, innovation, and teamwork.

This initiative underscored the importance of bridging academic learning with industry-relevant skills, ensuring that students are well-prepared for careers in India's growing EV ecosystem. By encouraging curiosity, experimentation, and hands-on problem solving, the workshop inspired students to become the next generation of innovators and leaders in electric mobility.

The EV Workshop at Basaveshwar Engineering College served as more than just a learning program—it became a hub for inspiration, skill-building, and future-focused thinking, equipping students to contribute effectively to India's journey toward sustainable transportation.

> *The EV Workshop at Basaveshwar Engineering College has empowered students to transform their curiosity into skills, preparing them to lead India's electric mobility revolution with innovation and confidence.*

Empowering Girls, Engineering the Future with ISIEINDIA at Sardar Patel University, Gujarat

ISIEINDIA made a remarkable stride in women's empowerment by engaging students at Sardar Patel University, Gujarat, nurturing curiosity, innovation, and confidence among young women in engineering. From classroom discussions to hands-on sessions in state-of-the-art labs, ISIEINDIA provided training in Electric Vehicles (EV), Artificial Intelligence (AI), and sustainable technologies, ensuring students gained practical skills alongside theoretical knowledge.

The initiative went beyond conventional education. By working directly on innovative projects, participating in workshops, and exploring real-world applications, these young women developed the confidence to lead and innovate. Many of the participants have since embarked on successful careers in top companies, demonstrating that empowerment and skill development are key drivers of professional success.

Programs like this highlighted ISIEINDIA's commitment to creating an inclusive and future-ready engineering workforce. By equipping girls with the tools, knowledge, and mentorship they need, ISIEINDIA is shaping leaders who will drive India's technological and sustainable mobility revolution.

To every aspiring girl engineer, this initiative sent a strong message: your dreams are valid, your skills are powerful, and your future is limitless.

> *With ISIEINDIA's guidance and training, young women are not just learning—they are leading the charge toward a future of innovation, sustainability, and limitless possibilities in engineering.*

Empowering Young Women Engineers at Pravara Rural Engineering College, Loni

ISIEINDIA embarked on an inspiring journey with Pravara Rural Engineering College, Loni, Maharashtra, focusing on nurturing the next generation of women engineers. Through hands-on workshops, lab sessions, and interactive learning modules, students gained practical knowledge in Electric Vehicles (EV), Artificial Intelligence (AI), and sustainable technologies, bridging the gap between classroom theory and real-world application.

The program emphasized building confidence alongside technical skills, encouraging young women to innovate, problem-solve, and take leadership in engineering projects. By engaging in real-life simulations and collaborative activities, students developed critical thinking and hands-on expertise, preparing them to excel in India's rapidly evolving technology and mobility sectors.

This initiative showcased ISIEINDIA's commitment to inclusive engineering education, empowering girls to pursue ambitious career paths and contribute meaningfully to the industry. Through guidance, mentorship, and exposure to cutting-edge technologies, ISIEINDIA inspired these young engineers to envision a future where their skills and innovation drive sustainable progress.

For every aspiring girl engineer at Pravara College, the message was clear: your abilities are your power, your ideas can lead change, and your future in engineering knows no bounds.

> *With ISIEINDIA's mentorship and hands-on training, young women at Pravara Rural Engineering College are transforming their skills into leadership, innovation, and a future full of limitless possibilities in engineering.*

B.Tech Specialization in Electric Vehicles Running at KIET Group of Institutions, Uttar Pradesh

ISIEINDIA proudly partnered with KIET Group of Institutions, Uttar Pradesh, to offer a B.Tech specialization in Electric Vehicles (EV) in offline mode, bringing students closer to hands-on learning and industry-aligned education. This program is designed to equip future engineers with in-depth knowledge of EV technologies, sustainable mobility solutions, and practical skills required to excel in India's rapidly growing electric mobility sector.

Students benefit from a blend of theoretical knowledge, lab-based experiments, and real-world project work, gaining exposure to EV systems, battery technologies, motor design, charging infrastructure, and maintenance practices. The offline format ensures immersive learning, direct mentorship, and the opportunity to engage closely with instructors and industry experts.

The program also emphasizes innovation and problem-solving, encouraging students to work on industry-relevant projects, prototype development, and research initiatives. Through collaborative sessions and hands-on workshops, students learn to address real-world challenges in electric mobility, preparing them for careers that demand creativity, technical expertise, and adaptability.

By running this B.Tech specialization, KIET Group of Institutions and ISIEINDIA are shaping the engineers of tomorrow—professionals who can lead India's transition to sustainable transportation, drive technological advancements in EVs, and contribute to a greener, smarter mobility ecosystem. Students graduate not only with academic knowledge but also with the confidence, skills, and industry exposure needed to make an immediate impact in the EV sector.

> *Through this B.Tech specialization, ISIEINDIA and KIET are empowering students to turn their knowledge into innovation, shaping the future of India's electric mobility with skilled, industry-ready engineers.*

B.Tech Specialization in Electric Vehicles Running at Shri Ramswaroop Memorial University, Uttar Pradesh

ISIEINDIA proudly partnered with KIET Group of Institutions, Uttar Pradesh, to offer a B.Tech specialization in Electric Vehicles (EV) in offline mode, bringing students closer to hands-on learning and industry-aligned education. This program is designed to equip future engineers with in-depth knowledge of EV technologies, sustainable mobility solutions, and practical skills required to excel in India's rapidly growing electric mobility sector.

Through this hybrid approach, students benefit from a balanced learning experience—engaging with theoretical concepts and industry insights online while participating in practical lab sessions, workshops, and real-world projects on campus. The curriculum covers EV systems, battery management, motor technologies, charging infrastructure, and maintenance practices, ensuring students gain both technical expertise and problem-solving skills.

The program encourages innovation and creativity, allowing students to work on prototype development, collaborative projects, and research initiatives, preparing them to address real-world challenges in the EV industry. By running this specialization in hybrid mode, Shri Ramswaroop Memorial University and ISIEINDIA provide flexible, immersive, and industry-aligned education for the engineers of tomorrow.

This initiative not only builds academic knowledge but also instills confidence, hands-on expertise, and industry readiness, empowering students to contribute effectively to India's sustainable mobility ecosystem.

> *Through this hybrid B.Tech specialization, ISIEINDIA and Shri Ramswaroop Memorial University are equipping students with the skills, innovation, and confidence to lead India's electric mobility revolution.*

Empowering Educators: Faculty Development Program at IIT Roorkee's EV Lab

The Indian Institute of Technology Roorkee, Uttarakhand, recently became the epicenter of electric vehicle innovation as faculty members from across India gathered for a Faculty Development Program (FDP) at the advanced EV Lab set up by ISIEINDIA.

During the program, participants delved into the latest developments in electric vehicle technology through a mix of theoretical sessions and hands-on practical demonstrations.

They explored critical topics such as battery management, motor control, charging infrastructure, and sustainable mobility solutions, gaining invaluable insights into cutting-edge EV systems.

The EV Lab, equipped with advanced simulators, hardware kits, and diagnostic tools, served as a hub for interactive learning. Faculty actively engaged in experiments, collaborative projects, and technical discussions, fostering a spirit of innovation and knowledge sharing.

The program was designed to empower educators to bring these insights back to their institutions, inspiring students to embrace the future of electric mobility.

The FDP at IIT Roorkee highlighted ISIEINDIA's commitment to bridging academia and industry in the EV sector, leaving participants motivated, enriched, and ready to accelerate the journey toward sustainable transportation.

> *The Faculty Development Program not only ignited a spark of innovation among educators but also paved the way for shaping the future of electric mobility in India.*

Faculty Development Program Conducted at Atmiya University, Gujarat

Atmiya University, Gujarat, recently hosted an engaging Faculty Development Program (FDP), designed to elevate knowledge and skills in the rapidly evolving field of electric vehicles. The program was conducted at the EV Lab set up by ISIEINDIA, providing faculty members with a unique opportunity to explore cutting-edge EV technologies.

Participants delved into topics ranging from battery management systems and motor control to charging infrastructure and sustainable mobility solutions. Through a combination of theoretical sessions and hands-on practical demonstrations, educators gained deep insights into the latest advancements in electric mobility. The interactive environment of the EV Lab encouraged collaboration, experimentation, and knowledge sharing, leaving participants inspired to bring these innovations into their classrooms.

The FDP at Atmiya University underscored ISIEINDIA's dedication to bridging the gap between academia and industry, empowering educators to shape the next generation of skilled EV professionals.

> *This program not only enhanced the technical expertise of educators but also ignited a vision for driving India's sustainable mobility future.*

Faculty Development Program Conducted at RKDF University, Ranchi

RKDF University, Ranchi, recently became a hub of innovation as it hosted a Faculty Development Program (FDP) focused on electric vehicle technology. The program was conducted at the EV Lab established by ISIEINDIA, offering faculty members a unique platform to explore the latest advancements in the EV sector.

During the program, participants engaged in comprehensive sessions covering battery management, motor control, charging infrastructure, and sustainable mobility solutions

The blend of theoretical learning and hands-on practical demonstrations enabled educators to gain a thorough understanding of modern EV systems. The interactive EV Lab environment encouraged experimentation, collaboration, and knowledge exchange, inspiring faculty to implement these insights in their own institutions.

The FDP at RKDF University highlighted ISIEINDIA's commitment to bridging academia and industry, equipping educators with the tools to foster the next generation of skilled EV professionals.

> *The program empowered educators to not only enhance their expertise but also to drive innovation and sustainability in India's electric mobility landscape.*

ISIEINDIA Students Experience On-the-Job EV Training at Prakash Hero Motors, Anand, Gujarat

At Prakash Hero Motors in Anand, Gujarat, ISIEINDIA students embarked on an immersive journey into the world of Electric Vehicles (EVs), gaining hands-on exposure that went beyond the classroom.

From examining components and understanding EV architecture to assembling vehicles and learning advanced servicing techniques, every activity offered a practical opportunity to explore, experiment, and grow. The students engaged deeply with real-world EV systems, translating theoretical knowledge into actionable skills.

This intensive on-the-job training is shaping the next generation of EV professionals in India, equipping them with the expertise and confidence to accelerate the nation's electric mobility revolution.

Through this hands-on experience, ISIEINDIA students are not just learning—they are driving the future of sustainable transportation in India.

ISIEINDIA Honoured at ASDC 2025 Annual Conclave for Excellence in Skill Development

ISIEINDIA proudly received recognition at the ASDC 2025 Annual Conclave for its outstanding contributions to skill development and industry-driven education. This prestigious award celebrates our relentless efforts in empowering students and professionals in the automotive and electric mobility sectors.

The award was presented with great honour by:

- F R Singhvi, President, ASDC
- Arindam Lahiri, CEO, ASDC
- Vinkesh Gulati, Vice President, ASDC

ISIEINDIA was recognized for significant achievements, including:

- Establishing 75+ Centres of Excellence and EV Labs across premier institutes in India
- Impacting 4.5 lakh+ students and professionals in future mobility technologies
- Designing industry-aligned curricula in collaboration with ASDC, MSME, and leading corporates
- Creating career opportunities for 1000+ students placed in top companies such as Ather Energy, Ola Electric, Hero MotoCorp, and more

This accolade reflects ISIEINDIA's mission to bridge the gap between academia and industry, offering hands-on training, live projects, workshops, and real-world exposure—preparing the next generation of engineers and innovators to lead India's green mobility revolution.

Through continuous collaborations with corporates, MSMEs, and government bodies, ISIEINDIA has transformed skill development into a movement, creating a strong talent pool ready to meet the evolving demands of the automotive and EV industry.

This recognition inspires ISIEINDIA to continue empowering students, shaping careers, and driving innovation, while contributing to a sustainable and technology-driven future for India.

BYD's Battery Innovations: Ultra-Fast Charging, Blade Tech, and the Solid-State Roadmap

Himanshu Ranjan, Senior Engineer, Mahindra Research Valley

Himanshu Ranjan is a Senior Engineer at Mahindra Research Valley with an M.Tech in Electric Vehicle Technology. He specializes in EV Calibration, VCU, Matlab, Simulink, StateFlow, ETAS INCA MDA, Vector Canoe, and Thermal Component Modelling. Previously, as Assistant Manager – Vehicle Technology at GreenCell Mobility, he worked on HV Batteries and Electric Bus systems. Himanshu brings extensive industry experience and practical insights in EV technology.

The global EV race is accelerating, and BYD (Build Your Dreams) has emerged as a leader with groundbreaking battery and charging innovations. Their recent developments focus on ultra-fast charging, advanced Blade Battery technology, and the long-term goal of solid-state batteries — all aimed at improving performance, safety, and consumer confidence.

Ultra-Fast Charging Breakthrough

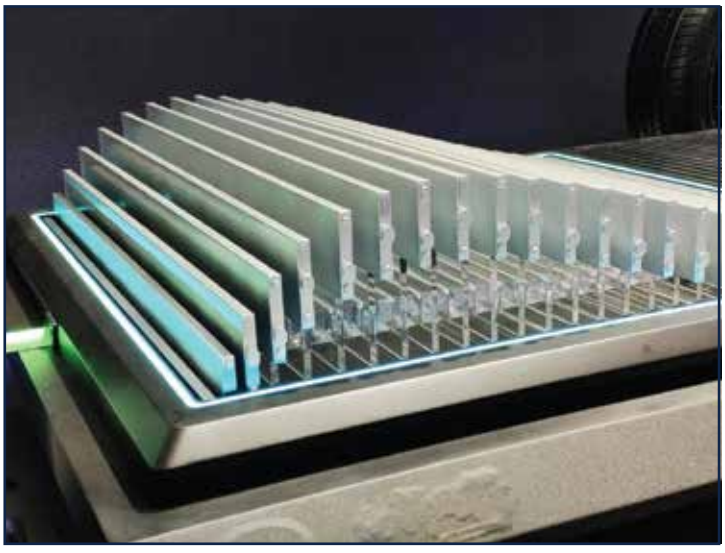
BYD's new Super e-Platform introduces a 1,000-volt architecture capable of handling up to 1,000 kW (1 MW) charging. Flagship models like the Han L sedan and Tang L SUV can reportedly add 400 km of range in just five minutes. To enable this, BYD plans to deploy more than 4,000 ultra-fast charging stations across China, ensuring infrastructure keeps pace with technological capability.

Blade Battery Enhancements

The Blade Battery, already recognized for its slim design, thermal safety, and structural strength, has recently achieved China's toughest new safety certifications. It passed extreme tests such as nail penetration, bottom impacts, water immersion, and high-rate fast-charging without fire or explosion risks. Internationally, it was awarded "Innovation of the Year 2024" by Electrifying.com in the UK. Enhancements now provide better cold-weather performance, cycle life stability, and improved resilience under repeated fast-charging.

Solid-State Roadmap

BYD is advancing towards all-solid-state batteries, with 60 Ah prototype cells already produced. The company targets demonstration uses by 2027 and large-scale adoption by 2030. Research efforts focus on sulphide-based solid electrolytes, which promise high energy density and stability but face scaling and cost challenges.



The Road Ahead

The next few years will reveal how BYD's promises translate in consumer hands. Watch for real-world results from the Han L and Tang L using 1 MW charging, pilot EVs with solid-state packs around 2027–2029, and the expansion of robust fast-charging infrastructure. With these moves, BYD is not just iterating — it is reshaping the global EV battery landscape.

Mobility Leadership Series | Episode 3 – Accelerating the Green Mobility Workforce

The third episode of the Mobility Leadership Series emerged as a landmark discussion in India's journey toward a sustainable, future-ready electric mobility workforce. Organized by ISIEINDIA, the session brought together a diverse panel of industry leaders, academicians, and ecosystem experts, fostering an environment where knowledge, insights, and practical experiences converged to shape actionable strategies for students, professionals, and industry stakeholders.

The dialogue focused on critical themes including digital intelligence, data-driven decision-making, apprenticeships, research and development, scalable technology platforms, and policies that enable a thriving EV ecosystem. Participants explored how each of these elements contributes to building a workforce capable of supporting India's transition to green mobility.

Nitin Khindria (CHRO, Omega Seiki Mobility) emphasized the growing role of digital intelligence and IoT-driven learning in preparing the workforce. He highlighted the importance of aligning employee aspirations with organizational capabilities and demonstrated how thoughtful, long-term business decisions can amplify the impact of skill development initiatives.

Priya Bhargava (Director – Strategy & Development, TNS India Foundation) addressed the unique challenges faced by ITI students and vocational learners. She underscored the need for apprenticeships, supportive policies, and industry collaboration, praising ISIEINDIA for bridging the gap between skilling and employability and ensuring students are ready for the rapidly evolving EV sector.

Pranay Prakash (Head HR, Bluwheelz) brought attention to emerging EV skills and the role of SaaS-based scalable technology platforms in training and workforce development. He emphasized the necessity of career clarity for professionals, while tailoring workforce strategies to the needs of both metro cities and Tier 2/3 markets.

Arpit Sharma (CEO, Skill Council for Green Jobs, SCGJ) highlighted the critical role of skill councils in aligning government initiatives, startups, and industry players. He illustrated how collaborative efforts can accelerate green mobility skilling, infrastructure development, and employment opportunities, establishing India as a frontrunner in the EV revolution.

Sumit Kanchan concluded the discussion by emphasizing the power of cross-sector collaboration. He noted that synergy between skill councils, HR leaders, academic institutions, and industry innovators is the key to positioning India as a global leader in green mobility.

The session also delved into the importance of hands-on training and practical exposure for students entering the EV sector. Speakers stressed that theoretical knowledge alone cannot prepare learners for the complex systems and technologies involved in electric mobility. Real-world projects, internships, and lab-based learning were highlighted as critical tools for developing job-ready professionals.

Another key discussion centered around the integration of technology and innovation in curriculum design. Panelists emphasized the need for adaptive learning platforms, simulation tools, and real-time data analysis to equip students with skills aligned to industry requirements. This approach ensures that future engineers are not just trained in theory but are prepared to handle the practical challenges of EV design, testing, and deployment.

The panel also addressed the importance of inclusive workforce development, focusing on women, rural youth, and students from underserved communities. By creating equitable opportunities and targeted skilling programs, the industry can tap into a broader talent pool, driving both innovation and social impact. ISIEINDIA's initiatives in promoting women in EV technology were highlighted as a model for inclusive growth

In addition, discussions covered the role of policy support and government initiatives in creating a sustainable EV ecosystem. Stakeholders explored how collaborations between ministries, industry bodies, and educational institutions can streamline training standards, incentivize skill development, and accelerate employment opportunities in green mobility.

Finally, the session explored future trends in EV technology and workforce requirements, such as autonomous vehicles, connected mobility, and smart charging infrastructure. Industry leaders emphasized the need for continuous learning and upskilling programs to keep the workforce aligned with evolving technologies, ensuring India remains competitive in the global EV market.

The episode reinforced ISIEINDIA's mission of integrating skilling, innovation, and employability, ensuring that students, professionals, and institutions are equipped to contribute meaningfully to India's green mobility revolution. By fostering dialogue, sharing knowledge, and promoting collaboration, the Mobility Leadership Series is driving momentum toward a workforce that is future-ready, industry-aligned, and globally competitive.

> *Through focused skilling, innovative solutions, and industry-academia collaboration, India is poised to lead the global electric mobility workforce of tomorrow.*

Our Alumni as Entrepreneurs

Kausthub Kaundinya Y
Founder & CEO, Jarsh Safety

Aswinth Raj
Editor & CoFounder, Circuit Digest

Aditya Pramod Kotha
Co-Founder, Atlast

Denish Panchani
CEO, Pachani Energy Pvt. Ltd.

Hameed M A Kalvathi
Founder, Ideate9

Sumanth Potluri
Co-Founder, Rapo Industries

Arpit Chauhan
Founder and CEO at Erkey Motors Pvt. Ltd.

Akshaykumar Sunagar
Founder, Abhiyantrik Solutions

Impact Created in September 2025

15
Students Placed

6
MOU's

1
New EV Labs Established

220
Students Skilled

56
Faculties Trained

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