ISIEINDIA
INNOVATOR'S MONTHLY

ISIEINDIA
CHARGING CAREER

February 2026 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

100+ EV Centers of Excellence

4.5+ L Youths Impacted

National Youth Award Winner

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

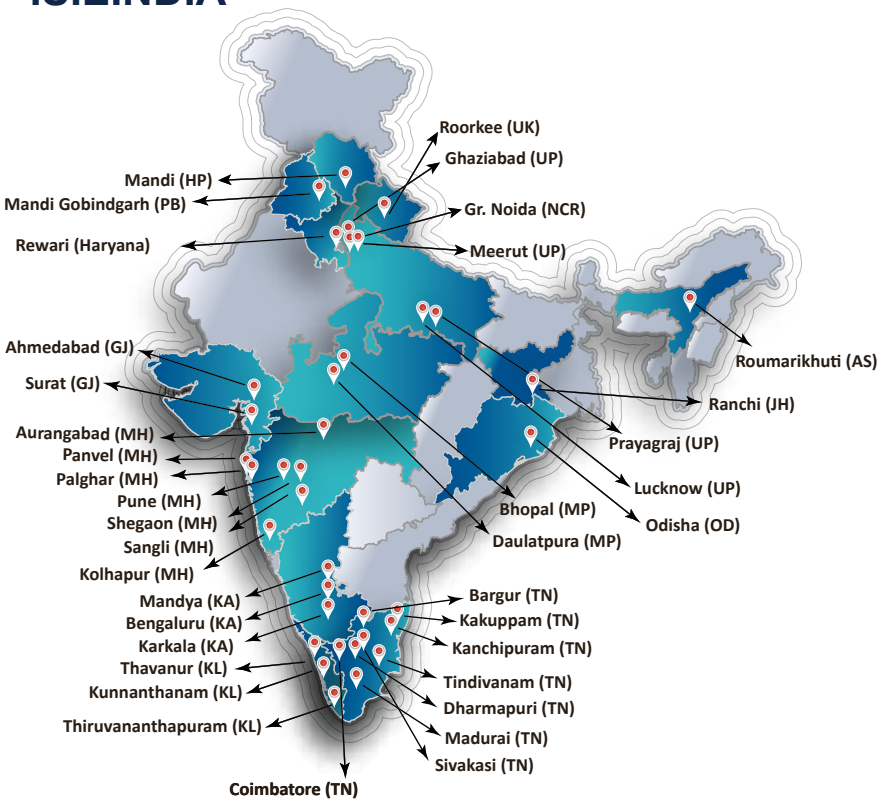
Best EV LAB & EV Skill Ecosystem Development Award
2025
By EMobility+ EV Manufacturing Leadership

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 Labs Network Established by ISIEINDIA



ISIEINDIA Successfully Established a State-of-the-Art EV Lab at NSTI Hyderabad

In a significant step toward advancing electric mobility education in India, ISIEINDIA proudly established a state-of-the-art Electric Vehicle (EV) Lab at NSTI Hyderabad, with the generous support of ICICI Foundation for Inclusive Growth. This initiative marked an important milestone in strengthening industry-aligned skill development and providing learners with hands-on exposure to next-generation automotive technologies.

The journey began with a shared vision—to create a learning environment where students and trainers could move beyond theoretical knowledge and truly experience the working principles of electric mobility systems. With this goal in mind, the EV Lab was designed and equipped with advanced training setups that allow learners to explore the technologies powering the future of transportation.

At the heart of the lab, students gained practical insights through a 4-Wheeler EV Regenerative Braking System, enabling them to understand how modern electric vehicles recover energy and improve efficiency. Complementing this system was an EV-specific Heating, Ventilation, and Air Conditioning (HVAC) setup, which helped learners study how thermal comfort and energy efficiency are managed within electric vehicles.

Understanding battery technology—often considered the backbone of electric mobility—was made possible through the EV Battery Pack Simulator, which allowed students to explore battery architecture, safety mechanisms, and diagnostic processes

The lab also featured a 4-Wheeler EV Liquid-Cooled Battery Simulator, offering deeper insights into thermal management and how maintaining optimal battery temperature directly impacts performance, safety, and longevity.

To provide a holistic understanding of the EV ecosystem, the lab included an EV Charging Analysis and Training Setup, where learners studied charging infrastructure, safety standards, and operational procedures. In addition, a Hybrid Vehicle Transmission System enabled students to observe power flow and drivetrain integration, helping them understand how hybrid systems combine electric and conventional technologies.

Through these advanced learning systems, the EV Lab successfully bridged the gap between classroom education and real-world applications, equipping students and trainers with the knowledge and skills required to thrive in the rapidly evolving electric mobility sector.

ISIEINDIA Successfully Established a State-of-the-Art EV Lab at NSTI Mumbai

With the rapid growth of electric mobility in India, the need for skilled professionals in the Electric Vehicle (EV) sector had been increasing significantly. Recognizing this demand, ISIEINDIA successfully established a state-of-the-art EV Laboratory at NSTI Mumbai to create a practical learning environment for students and trainees. The laboratory was equipped with advanced EV training systems, including battery technology modules, motor and controller setups, power electronics systems, and EV diagnostic tools. These facilities were designed to help learners understand the working principles of electric vehicles through hands-on exposure and real-time experimentation.

Following the establishment of the lab, students actively participated in practical training sessions that allowed them to explore EV components, battery management systems, and vehicle diagnostics.

The lab not only enhanced students' technical understanding but also supported faculty in delivering more industry-relevant learning experiences. This initiative marked an important step in strengthening EV skill development and reflected ISIEINDIA's continued commitment to preparing a future-ready workforce for India's evolving electric mobility ecosystem.

The EV Lab also opened new opportunities for students to work on innovative projects and practical assignments related to electric mobility. By engaging directly with EV systems, students developed problem-solving skills and gained confidence in handling modern automotive technologies. The lab environment encouraged curiosity, experimentation, and collaborative learning among trainees.

Through this initiative, ISIEINDIA further strengthened the bridge between industry requirements and technical education. The establishment of the EV Lab at NSTI Mumbai became a significant milestone in promoting sustainable mobility education and empowering students with the skills needed to contribute to India's growing EV industry.

ISIEINDIA Successfully Established a State-of-the-Art EV Lab at DIET Andhra Pradesh

Strengthening its commitment to future-ready education and sustainable mobility, ISIEINDIA successfully inaugurated the Electric Vehicle (EV) Lab at Dhanekula Institute of Engineering and Technology, Ganguru (Autonomous). This initiative marked a significant step toward promoting electric vehicle design, engineering excellence, and industry-oriented skill development in the state of Andhra Pradesh.

The establishment of this EV Lab was part of a broader vision to create an ecosystem where students could experience emerging technologies through hands-on learning

The inauguration ceremony was honored by the presence of Prof. Madhu Murthy K, Chairman, Andhra Pradesh State Council of Higher Education (APSCHE), along with distinguished guests including Dr. J. B. V. Reddy, Head – National Quantum Mission (NQM), Dr. L. Venkata Subramaniam, Former Head at IBM, and Mr. C. V. Sridhar, Mission Director, AP State Quantum Mission. Their presence emphasized the growing collaboration between academia, government, and industry to prepare students for next-generation technologies.

The newly established EV Lab was designed to offer students practical exposure to EV system design, testing methodologies, simulation tools, and emerging electric mobility technologies. By engaging directly with these systems, students gained deeper insights into the working principles of electric vehicles and the engineering concepts that power them.

Beyond technical learning, the lab also created opportunities for innovation, applied research, skill enhancement, and entrepreneurial exploration. It played an important role in bridging the gap between theoretical education and real-world industry requirements while supporting Andhra Pradesh's vision of becoming a leading hub for electric mobility and advanced technologies.

The EV Lab stands as a platform where curiosity meets technology, enabling students to explore, experiment, and innovate in the rapidly evolving electric mobility landscape.

Through such initiatives, ISIEINDIA continues to strengthen the EV ecosystem by empowering institutions and nurturing future engineers who will drive India's sustainable mobility transformation.

TNS India Foundation Supported EV & Solar Technology Lab Established at Deogiri Government Industrial Training Institute Chatrapati Sambhajinagar, Maharashtra by ISIEINDIA

In a significant initiative to strengthen future-ready technical skills, ISIEINDIA successfully established a state-of-the-art Electric Vehicle and Solar Technology Laboratory at Deogiri Government Industrial Training Institute Chatrapati Sambhajinagar, Maharashtra, in collaboration with the TNS India Foundation. This initiative reflects a shared commitment to empowering students with practical, industry-relevant skills aligned with the growing electric mobility and solar energy sectors.

The newly established lab is equipped with advanced training systems that provide hands-on exposure to 2-wheeler, 3-wheeler, and 4-wheeler electric vehicle technologies, enabling students to understand EV architecture, drivetrain systems, battery management, and vehicle diagnostics. In addition to EV technologies, the facility also includes on-grid solar training systems, solar submersible pump setups, and battery prototyping modules, allowing learners to gain practical knowledge of solar energy applications and energy storage solutions

Through this modern training infrastructure, students at Deogiri Government Industrial Training Institute now have access to a dynamic learning environment where theoretical knowledge is complemented with real-world practical experience. The lab encourages experimentation, innovation, and skill development, preparing trainees for emerging opportunities in the electric mobility and solar technology sectors.

This initiative stands as another milestone in ISIEINDIA's mission to advance skill development and innovation across India. The collaboration between TNS India Foundation and ISIEINDIA is helping create a skilled workforce capable of contributing to India's transition toward sustainable mobility and solar energy adoption.

Advancing Electric Mobility Learning at Smt. Indira Gandhi College of Engineering

As part of its mission to promote industry-relevant education in emerging technologies, ISIEINDIA successfully conducted a Value Added Program (2025–26) on Electric Vehicle Technology at Smt. Indira Gandhi College of Engineering, organized in collaboration with the Department of Electrical Engineering.

The program was designed to create a strong foundation in electric mobility by combining theoretical understanding with practical learning experiences. Through intensive offline training sessions, students explored key aspects of electric vehicle systems, battery technologies, motor controllers, and the latest trends shaping the e-mobility ecosystem.

Throughout the program, participants engaged in interactive sessions and hands-on activities that helped them understand how EV technologies function in real-world applications. This practical exposure enabled students to connect classroom concepts with the rapidly evolving demands of the electric mobility industry.

By introducing such industry-aligned learning initiatives, the program helped students build technical confidence while encouraging innovation and curiosity in the field of sustainable transportation.

With initiatives like these, ISIEINDIA continues to bridge the gap between academic learning and real-world EV innovation—empowering the next generation with the skills needed to drive the future of electric mobility.

Building Future-Ready Skills at PES Mandya

In its continued effort to strengthen industry-oriented technical education, ISIEINDIA successfully conducted a 5-Day Intensive Training Program at PES Mandya. The program brought together enthusiastic students and faculty members for an engaging learning experience focused on practical knowledge and real-world applications.

Over the course of five days, students actively participated in hands-on technical sessions, interactive discussions, and practical demonstrations designed to enhance their understanding of emerging technologies and industry practices. The training created an environment where learners could explore concepts beyond textbooks while gaining valuable insights into real-world engineering applications.

The sessions focused on bridging the gap between academic learning and industry expectations, enabling students to develop problem-solving skills, technical confidence, and a deeper understanding of practical systems. Through collaborative learning and direct engagement with experts, participants gained exposure that will support their academic growth and future career opportunities.

The program witnessed enthusiastic participation from students, along with strong support from the faculty members of PES Mandya, making the initiative both impactful and memorable for everyone involved.

> *With such initiatives, ISIEINDIA continues to empower students with practical skills, industry exposure, and the confidence needed to succeed in the rapidly evolving technology and mobility landscape.*

Strengthening EV Education Through Faculty Training at NSTI Hyderabad

To build a strong foundation for electric mobility education, ISIEINDIA conducted a dedicated Faculty Training Program at NSTI Hyderabad, supported by the ICICI Foundation for Inclusive Growth. The initiative focused on empowering trainers and instructors with advanced technical knowledge and practical expertise required in the rapidly evolving electric vehicle ecosystem.

Recognizing that skilled trainers are essential for delivering high-quality technical education, the program was designed to upskill faculty members through structured and hands-on learning modules. The training enabled instructors to gain deeper insights into the working principles, design, and real-world applications of modern electric and hybrid vehicle technologies.

During the program, faculty members received immersive exposure to a wide range of EV systems, including 4-wheeler EV regenerative braking systems, EV-specific HVAC systems, and EV battery pack simulators that demonstrated battery architecture, safety mechanisms, and diagnostic processes. The training also included liquid-cooled EV battery simulators to study thermal management technologies, along with EV charging analysis and safety systems that highlighted the importance of charging infrastructure and operational protocols. In addition, instructors explored hybrid vehicle transmission systems, enabling them to understand power flow, drivetrain integration, and the interaction between electric and conventional propulsion systems.

Through these comprehensive learning modules, the program helped faculty members develop system-level understanding and practical confidence in delivering EV-related concepts to students. The hands-on exposure also ensured that trainers could effectively translate complex technologies into practical learning experiences within classrooms and laboratories.

With initiatives like these, ISIEINDIA continues to empower educators, strengthen institutional capabilities, and build a future-ready ecosystem that will drive India's electric mobility revolution forward.

Fostering Automotive Innovation through Go-Kart Training

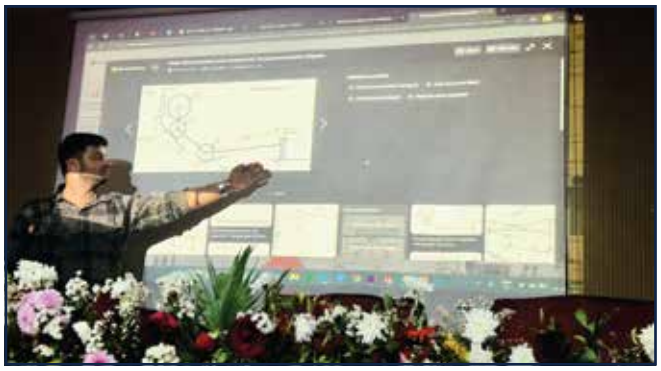
VASANTDADA PATIL PRATISHTHAN'S COLLEGE OF ENGINEERING & VISUAL ARTS

ISIEINDIA CHARGING CAREER

In its continued effort to promote experiential learning and practical engineering skills, ISIEINDIA successfully conducted a 3-Day Training Program on Go-Kart Design & Development in association with Vasantdada Patil Pratishthan's College of Engineering and Visual Arts (VPPCOEVA), Mumbai.

The program was designed to introduce students to the exciting world of automotive engineering through hands-on learning and real-world technical insights. Over the course of three days, participants explored the fundamentals of go-kart design, chassis development, vehicle dynamics, powertrain systems, and safety standards, gaining a deeper understanding of how performance vehicles are conceptualized and engineered.

Through interactive sessions, practical demonstrations, and technical discussions, students were encouraged to think creatively while applying engineering principles to real design challenges. The training also emphasized design thinking, teamwork, and problem-solving, helping participants develop skills that are highly valued in the automotive and mobility industries.



By combining theoretical knowledge with practical exposure, the program created a platform where students could experience the engineering process from concept to implementation, strengthening their confidence and technical capabilities.

With initiatives like these, ISIEINDIA continues to bridge the gap between classroom education and industry expectations—empowering future engineers with the skills and innovation needed to drive the mobility technologies of tomorrow.

Strengthening Industry–Academia Collaboration with JSW Greentech for Heavy Electric Mobility

In a significant moment for advancing electric mobility education and industry collaboration, ISIEINDIA had the privilege of hosting the leadership team from JSW Greentech Limited at the Centre of Excellence for Electric Vehicles by ISIEINDIA at CSMSS Chh. Shahu College of Engineering, Sambhajinagar.

This visit marked an important milestone in the ongoing partnership between ISIEINDIA and JSW Foundation for establishing India's first-of-its-kind, state-of-the-art Centre of Excellence dedicated to Heavy Electric Vehicles. The initiative aims to build advanced technical capabilities while preparing a future-ready workforce to support the rapidly expanding electric mobility sector.

The delegation included distinguished leaders from JSW Greentech, including Mr. Amitav Sahay – COO, JSW Greentech Ltd, Mr. Gaurav Jhala – CHRO, JSW Greentech Ltd, Mr. Bhupendra Singh Bais – Plant HR Head, Mr. Sandip Pingale, and Mr. Yuvraj Dange – JSW Greentech Ltd. Their visit provided an excellent opportunity to exchange ideas and explore future collaborations in the field of sustainable mobility and skill development.

During the interaction, the ISIEINDIA team showcased the advanced EV laboratories, real-time simulation systems, drivetrain testing infrastructure, and industry-aligned training modules developed to create a strong bridge between academic learning and industry requirements. The discussions focused on strengthening long-term industry–academia collaboration, enhancing skill development initiatives, and supporting the growth of India's heavy electric mobility ecosystem.

The visit served as a valuable platform for sharing insights, aligning visions, and reinforcing the shared commitment toward building a skilled talent pool capable of driving the next generation of electric mobility technologies.

With such collaborations, ISIEINDIA continues to foster meaningful partnerships with industry leaders—accelerating innovation, empowering talent, and contributing to India's sustainable and electrified mobility future.

Honoured to Host Shri Temjenwapang Ao at ISIEINDIA Centre of Excellence, Dhenkanal

It was a privilege for ISIEINDIA to welcome Shri Temjenwapang Ao (IAS), Special Secretary, Planning & Convergence Department, Government of Odisha, to the Centre of Excellence at SDC Kamakhyanagar, Dhenkanal. His visit marked a significant moment of encouragement for the students and the entire training ecosystem dedicated to skill development and emerging technologies.

During the visit, Shri Temjenwapang Ao interacted with the students and trainers, gaining insights into the ongoing training programs and the hands-on learning environment established at the centre. He also reviewed the advanced training infrastructure and appreciated the practical approach adopted to equip young learners with industry-relevant technical skills.

The interaction provided an opportunity to showcase how the Centre of Excellence is empowering youth through real-world exposure, practical training, and skill-oriented learning, enabling them to build strong technical foundations and career opportunities.

Such visits play an important role in motivating students and strengthening the shared vision of developing a skilled workforce at the grassroots level.

> *ISIEINDIA remains committed to bridging the gap between education and employability while nurturing future-ready professionals who will contribute to the vision of a skilled, innovative, and self-reliant India.*

Driving Digital Inclusion and Future-Ready Skilling at Digital Inclusion Summit 2026

ISIEINDIA proudly represented its vision and mission at the Digital Inclusion Summit 2026, contributing to impactful discussions focused on inclusive technology, AI-enabled education, future-ready skilling, and digital empowerment.

As India rapidly advances toward a technology-driven economy, digital inclusion powered by Artificial Intelligence is becoming a key driver for equitable growth and opportunity. At the summit, ISIEINDIA highlighted its ongoing initiatives aimed at bridging the skill gap through AI-integrated learning models and industry-aligned training frameworks.

Through its programs and collaborations, ISIEINDIA demonstrated how institutions and students can be empowered with data-driven learning, hands-on training, and exposure to emerging technologies such as electric mobility, renewable energy, artificial intelligence applications, and advanced engineering systems. These initiatives are designed to ensure that learners develop the practical and technical competencies required in the modern technology ecosystem.

The summit also served as a valuable platform to exchange ideas with policymakers, industry leaders, academic institutions, and ecosystem partners, reinforcing the importance of collaboration in building a digitally inclusive and skill-driven future.

Empowering Youth through Skill Counselling in Dhenkanal

ISIEINDIA proudly participated in the Skill Counselling Camp organized by the District Skill Development Cum Employment Office (DSDEO), Nayagarh, conducted across various blocks of Dhenkanal. The initiative aimed to guide and empower students by creating awareness about skill development opportunities and emerging career pathways.

The counselling camp served as an important platform where students could interact with experts and gain valuable insights into career planning, industry-oriented skills, and employment opportunities. Through interactive sessions and discussions, participants explored the importance of technical training and how skill-based education can open new avenues for their professional growth.

The initiative focused on key areas such as skill development awareness, career guidance and counselling, employment opportunities, and future-ready technical training. Students actively engaged in the sessions, gaining clarity about the evolving job market and the importance of acquiring practical skills aligned with industry needs.

Such programs play a vital role in reaching students at the grassroots level and guiding them toward meaningful career opportunities while strengthening the connection between education and employability

> *Through its continued involvement in initiatives like these, ISIEINDIA remains committed to empowering youth, promoting skill development, and contributing to the creation of a skilled and confident workforce for the future.*

Fiat India Ltd. Placement Drive Successfully Conducted at ISIEINDIA COE, Odisha

A placement drive by Fiat India Ltd. was successfully conducted at the ISIEINDIA Centre of Excellence, District Skill Development Centre, Kamakhyanagar, Dhenkanal, Odisha, creating valuable employment opportunities for aspiring candidates.

The drive brought together skilled trainees and industry representatives, providing students with the opportunity to interact directly with recruiters and showcase the practical skills they had developed through hands-on training. It served as an important step in connecting trained talent with real industry requirements in the automotive sector.

Through this placement initiative, candidates gained valuable industry exposure, career guidance, and the chance to secure employment with a leading automotive company. The event highlighted the growing importance of skill-based training in preparing students to meet the evolving demands of the mobility and manufacturing industries.

Such initiatives play a crucial role in bridging the gap between skill development and industry needs, ensuring that trained youth are equipped with both the technical competencies and the confidence required to begin their professional journey.

> *ISIEINDIA continues to remain committed to empowering young talent with industry-aligned opportunities—driving career-ready professionals and contributing to the growth of India's automotive and mobility ecosystem.*

Impact Created in February 2026

30
Students Placed

4
Established Center's

4
Training Conducted

245
Students Skilled

25
Faculties Trained

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