



Welcome!!

ISIEINDIA SKILLDEVELOPMENT CELL

India's biggest E-mobility skill based education platform, promoting green technology and preparing students for industry demand and startups.



AWARDS & RECOGNITION

ISIEINDIA recognized by ministries of govt. of India for our services in the field of technology.





National Youth Award 2015-16 by Ministry of Youth Affairs & Sports, GOI

Felicitated by Shri. Yogi Adityanath, Honorable Chief Minister of U.P. & Mr. Rajyavardhan Singh Rathore, Minister of State Youth Affairs & Sports

Recommendation by the Ministry of New & Renewable Energy

Working in direction of E mobility, Solar Energy and Skill Based Education



OTHER AWARDS & RECOGNITION









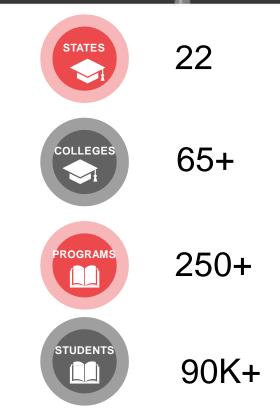


Non-profit organization established to issue and administer standards for the quality assurance of specialty performance and racing equipment. Mr. Vinod Gupta, founder and president of ISIEINDIA was recognized as an Earth Day Network Star on March 2016, for his outstanding contribution and efforts in green mobility and encouraging youth to develop and manufacture environment friendly vehicles like solar, electric and hybrid vehicles The FMSCI is the only national motorsport federation recognized by the Government of India for the promotion and control of motor sport in India, and isaffiliated to the prestigious Indian Olympic Association.

OUR SDP PROGRAMS HISTORY

ISIEINDIA CONDUCTED SKILL DEVELOPMENT PROGRAMS IN 16 STATES







SDPs at Lovely Professional University

- PCB Designing October 2013
- Beam Simulation on Ansys October 2013
- PLC & SCADA February 2014
- Catia March 2014
- Formula Car Design & Manufacturing May-June 2014
- Embedded "C"-May-June 2014
- Matlab May-June 2014
- Image Processing May-June 2014
- CAD & CAE September-October 2014
- Web Designing September-October 2014
- Ansys+Solid Works+Lotus November 2014
- Artificial Intelligence February 2015
- Asp.net February 2015
- Mud Rally Robotics February 2015
- Water Rocket Design February 2015
- Ansys March 2015
- Pro-E March 2015
- Embedded Linux May-June 2015
- Asp.net May-June 2015
- Formula Car Design & Manufacturing May-June 2015
- Matlab May-June 2015
- Embedded "C"-May-June 2015
- Formula Car Design & Manufacturing June 2016
- •PLC & SCADA June 2016
- Opnet June 2016
- Green Mobility August 2016
- CCNA August 2016
- Web designing August 2016
- Android Development September 2016





29 Skill Development Programs conducted at LPU, Punjab

NORTHERN & WESTERN INDIA





Maharaja Surajmal Institute of Tech, New Delhi

Hybrid Vehicle Design & Development – July 2015



JSS Academy, Delhi NCR

Seminar on Green Mobility – April 2018



Gulzar Group of institutes, Khanna, Punjab Solar Vehicle Design & Development – September 2015 Go-Kart Design & Development – February 2016



Giani Zail Singh College of Engg & Tech, Bhatinda

Hybrid Vehicle Design & Manufacturing – November 2016



The North Cap University, Gurugram, Haryana

Go-Kart Design & Development – March 2017



SGT University, Gurugram, Haryana

Electric Shuttle Design & Manufacturing – February 2018 Electric Go-Kart Design & Manufacturing – February 2018



University of petroleum & Energy Studies, UK

Hybrid Vehicle Design & Development – July 2017



Arya Group of Institutions, Jaipur, Rajasthan

Electric Solar Vehicle Design & Development – October 2017



SKN Singhad College of Engineering, Pandharpur

Solar Vehicle Design & Development – October 2015



MGM's JNEC, Aurangabad, Maharashtra

Solar Vehicle Design & Development – October 2016

CENTRAL & EASTERN INDIA





Radharaman Group of Institution, Bhopal

Hybrid Vehicle Design & Development – July 2016 Solar Vehicle Design & Development – September 2016



IES, Bhopal

Vehicle Design & Dynamics – October 2016



Symbiosis University of Applied Sciences, Indore

Go-Kart Design & Development – March 2018



ISIEINDIA Open Centre, Bhopal

Go-Kart Design & Development – February 2016

NIT, Patna

Solar Vehicle Design & Development – February 2018





Baja Buggy Design – March 2018



Gandhi Engineering College, Bhubaneshwar

Solar Vehicle Design & Development – October 2016



Kaziranga University, Jorhat

Vehicle Design & Dynamics – May 2018



ISIEINDIA Open Centre, Salt Lake, Kolkata

Go-Kart Design & Development – June 2015



Institute of Engg & Management, Kolkata

Solar Vehicle Design & Development – October 2015

Vehicle Design & Dynamics with Engine Overhauling – February 2018

UTTAR PRADESH





SRMCEM, Lucknow, UP

Formula Car Design & Manufacturing – May-June 2014



Mangalayatan University, Aligarh, UP

Solid Works & Ansys – August 2014 Robotics & Home Automation – August 2014

Solar Vehicle Design & Development – October 2014

Hybrid Vehicle Design & Development – July 2016



BN College of Engineering & Technology, Lucknow

Vehicle Design & Dynamics – February 2017 Small Scale Industrial Program – February 2017 Solar Vehicle Design & Development – March 2018



Krishna Inst. of Engg. & Technology, Ghaziabad

Solar Vehicle Design & Development – October 2016



ISIEINDIA, Noida Centre

Solid works & Ansys – June 2017 Web Designing – June 2017 Internet of Things (IOT) – June 2017 PLC & SCADA – June 2017



Galgotias University, Greater Noida

Electric Vehicle Design & Manufacturing – January 2018

Electric Shuttle Design & Manufacturing – June 2018

Electric ATV Design & Manufacturing – June 2018

Hybrid Vehicle Design & Development with Autonomous Concept – July 2018



Gautam Buddh University, Greater Noida

Ansys – October 2016



Indian Institute of Technology (ISM), Dhanbad

Electric Vehicle Design & Manufacturing – October 2016

KARNATAKA & ANDHRA PRADESH



Alliance University, Bangaluru

Hybrid Vehicle Design & Development – July 2015



Sri Sai Ram College of Engineering, Bangaluru

Go-Kart Design & Development – February 2017



Canara Engineering College, Mangalore

Autonomous Car – May 2017



St. Joseph Engineering College, Mangalore

Solar Vehicle Design & Development – May 2017

Jain University, Bangaluru

Solar Vehicle Design & Development – September 2017



Sreenidhi Institute of Science & Tech, Hyderabad

Marri Laxmi Reddy Inst of Tech, Hyderabad

Solar Vehicle Design & Development – October 2014



Shri Vishnu Engg College for Women, Bhimavaram

Hybrid Vehicle Design & Development – July 2016



SRKR Engineering College, Bhimavaram

Go-Kart Design & Development – February 2018



KL University, Guntur

Hybrid Vehicle Design & Development with Autonomous Concept – July 2018



KL University, Guntur

6 Weeks Certificate Program on Electric Vehicle Development, Quadcopter Design & amp; Development Using IOT and Automotive Electronics with IOT – April 2019



VR Siddhartha Engineering College, Vijayawada

Electric Bike Design & Development – June 2019

TAMIL NADU & KERALA





Sethu Institute of Technology, Madurai

Catia & Ansys – August 2014



VIT University, Vellore

Solar Vehicle Design & Development – September 2016



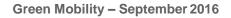
Hindusthan Institute of Engg & Tech, Coimbatore Carbon Neutrality – March 2017



Shri Krishna College of Engg & Tech, Coimbatore

Solar Vehicle Design & Development – September 2015 Go-Kart Design & Development – February 2016

Aditya College of Engineering





SRM University, Chennai, TN

Hybrid Vehicle Design & Development – July 2017

Solar Vehicle Design & Development – March 2018



Sri Sai Ram Engineering College, Chennai, TN

Electric Solar Vehicle Design & Development – October 2017



TKM Engineering College, Kollam, Kerala

Vehicle Design & Dynamics – March 2017



Shri Krishna College of Technology, Coimbatore

Green Mobility – September 2016

ASSOCIATE EXPERT FROM INDUSTRIES





Director- Ministry of New and Renewable Energy, Govt. of India

Dr. Shankar Ve nugopal



Vice President, Research and Development Mahindra & Mahindra Chennai

Mr. HK Agg arwal



Sympar Associates

Project Executive

EV/Hi-Tech Projects

Dr. Sitarame swar Sarma Ak a ella



Head – CAE, CFD and Methods, Mahindra & Mahindra Ltd

Continue.....

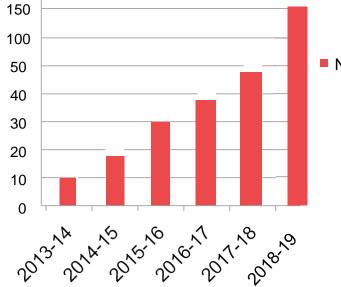












No. of SDP

ASSOCIATE EXPERT FROM INDUSTRIES



Mr. TN Sundar



Corporate Manager-Tyre Uniformity, Race & Rally, MRF

Mr. Denny P Julice

TATAConsultancy Service Expert Hybrid & Electric Vehicle, Bosch

Mr. Nanda Kumar

Mr. Sumit A neja



CEO, Speedways Electric

TECHNICAL COMMITTEE

ISIEINDIA TECHNICAL COMMITTEE MEMBERS ARE FROM VARIOUS INDUSTRIES.



Mr. Suroju Ramakrishna

Renault-Nissan Technology & Business Centre India Pvt Ltd. Manager – Vehicle Architecture & Planning



Mr. Jotiprasad Shete L & T Services: Post graduated CAE Engineer



Mr. Satvinder Singh

Volvo Eicher Commercial Vehicles, Deputy Manager



Mr. Ketan Kumar Jangra

Assistant Manager, Steel Strips Wheels Limited



Mr. Vikas Kumar

ARAI Academy, IC Engine Design and Development



Mr. Ajinkya Shah



Mr. Manish Kumar TVS Motors Limited, Assistant Manager R & D



Mr. K Satyanarayana Tejaswi

Mahindra & Mahindra, Program Manager



Mr. Sonu Singh

Renault Nissan Technology and Business Centre India Pvt. Ltd., Engineer



Mr. Ramesh Batakurki ARAI Academy, Pune, Research Faculty – II



Mr. J Vikram Reddy Lohia Auto, Technical Head

Mr. Tanuj Gupta

Engineer, Denso International India Pvt. Ltd.



Mr. P. Arjun Raj

PSA AVTEC Powertrain Private Limited Manager Powertrain R and-D



TESTIMONIALS / FEEDBACKS

Here are some of the student's feedbacks attended our skill developmentprograms.

This program has been a great opportunity for us to learn the things practically which I believe are hard to get anywhere. Mr. Preetam Pant, ME, Dr. B.C. Roy Engg. College, Orissa

Amazing Program, I have motivated so much. Trainers are really good and I want to associate with ISIE Program again. Mr. Rahul Parasar, ME, Kazirnga University, Assam

This Program provide us with extreme knowledge of solar vehicles. Through this program, we can work over the research technologies. Mr. Ali Abbas, EEE, SRM University, Chennai This Program was very well arranged and conducted. The teaching will prove to be fruitful for our future endeavours. Ms. Swati Priyadarshini, ME, CET, Bhubneshwar

I feel ISIEINDIA is the best development program for the youth generation. Mr. Hariom Maurya, ME, BNCET, Lucknow





OUR PROGRAMS

- Academia Partnership Specialization Program (APSP)
- → Student Research Association (SRA)
- \rightarrow Centre of Excellence (COE)
- → 2/3 Days Skill Development Program (SDP)
- → 8 Days Internship/Training Program
- → 15 Days Internship/Training Program
- → 30/45 Days Vocational Training Program



ACADEMIA PARTNERSHIP PROGRAM JOINT INITIATIVE OF ISIEINDIA AND AUTOMOBILE INDUSTRIES



Imperial Society of Innovative Engineers-ISIEINDIA & Program Partner introducing "Academia Partnership Program on "Electric Vehicle Engineering" for Final Year Students. It's a joint initiative of ISIE and various industries.

The curriculum has been designed by various resources i.e International Universities curriculum and Industrial experts ISIEINDIA is associating with Core Manufacturing Industries as a program partner. The program partner will play a key role in skill development and placements.



1,2,3 Semester Regular/Open Elective Course: Electric Vehicle Engineering

WHY ACADEMIA PARTNERSHIP PROGRAM ?

On Electric Vehicle Engineering

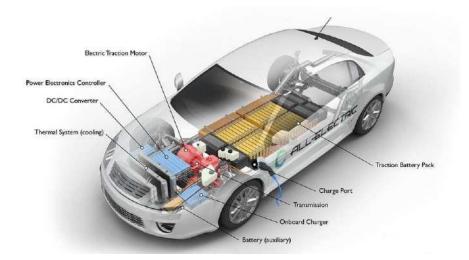
Most automobile companies are vowing to switch to electric, a cleaner, and sustainable alternative.

An 'electric' revolution is coming to automobile sector in India. But, the in dustry is facing a shortage of talented, aptly skilled engineers needed for th e transition to electric drives as the primary source of motive power. ISIEINDIA help fill that gap and gain an edge with ISIEINDIA's Electric Veh icle Engineering curriculum.

The Electric Vehicle Engineering course provides advanced knowledge an d hands-on, in design, analysis, control, calibration, and operating character istics of EVs.

This program follows the practical approach of learning to educate and offer cutting edge training to prepare engineers for the future industry workforce demand due to the emerging dynamic technological shift.

These include setting up of battery manufacturing plants, investing in settin g up charging stations, investment in product and component development.



INDUSTRY SCENARIO

Here is a look at what each of the aspirants are doing in the field of electric cars that has got everyone talking.

Mahindra

Mahindra & Mahindra

M&M is the only company to have commercially la unched fully electric cars in the Indian market. The se started with a compact four-seater e2o and later graduated to e-Verito. Later, electric versions of Su pro and a three-wheeler were launched.

Maruti Suzuki

MARUTI M SUZUKI Way of Life! plan but work has already started on building el ectric vehicles. It hopes to launch these vehicles based on "customer preferences". Additionally, parent company Suzuki Motor Corporation is setting up a Rs 1,200 crores lithium ion battery \pl ant in Gujarat in association with Denso and Tosh iba Corporation.

No concrete details available about the company' s

Tesla



The company which glamourised EVs on the world stage Caris considering building an electric car fact ory in India. The US-based company headed by bill ionaire Elon Musk wants to develop India as a cou nter challenge to China, which is the battery produ cing capital of the world. Last year, Transport Minis ter Nitin Gadkari visited Tesla facility in San Franci sco and invited Musk to set up a factory in India.

Tata Motors

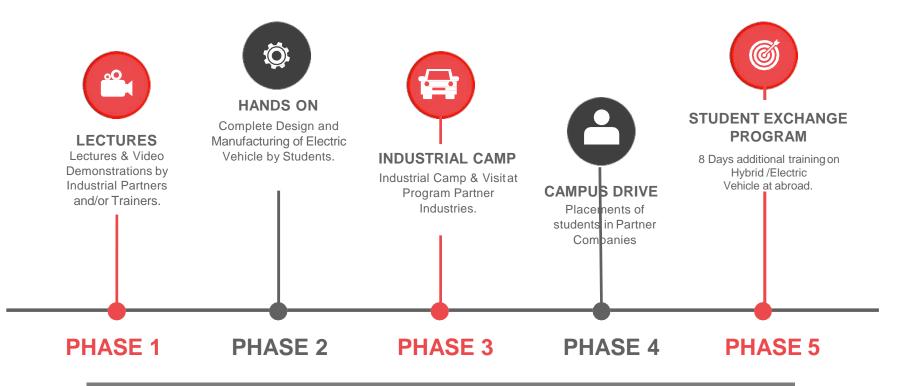
Perhaps before by the end of this year Tata Motors will have launched the electric versio n of its largest-selling car Tiago. More such experiments are underway including an elec tric version of the Nano. Electric Tata buses are already under trials and are tested by so me state transport undertakings.





ACADEMIA PARTNERSHIP PROGRAM

JOINT INITIATIVE OF ISIEINDIA AND AUTOMOBILE



1 Semester Regular/Open Elective Course: Electric Vehicle Engineering

STUDENT RESEARCH ASSOCIATION

The minimum of 20 student members, with a senior faculty Adviser and additional faculty Adviser, elected Student Head Coordinator & Deputy Head Coordinator constitute a ISIEINDIA Student Research Association.





1. Platform to work on unique and eco-friendly Innovation.



2. Branding of college through our website and social media platform.

- 3. Academic Reputation and Work Culture.
- Opportunity to Organize/ Host National / International Level Program.





 Support to your business idea Including funding, consulting to Expert and registering your company.



6. Opportunity to showcase your innova tive product and project made by our associated teams and colleges in International level Expo & conferences.



Centre of Excellence (COE)





The Centre of Excellence is a place where University/Institutes faculty, staff, students and community members work in a collaborative environment to create rich, engaged learning and teaching experiences. The COE in curricular engagement will contribute to significant increases in student retention and graduation rates.

Mission

Emphasize personal responsibilities in all fields of study, Use assessment to deepen learning and establish a culture of shared purpose and continuous improvement.

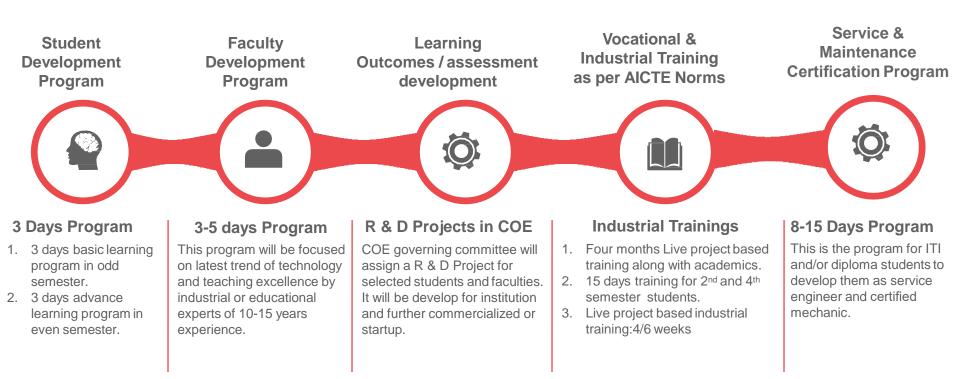
CENTRE OF EXCELLENCE

Faculties, staff, students and community members work in a collaborative environment.



CENTRE OF EXCELLENCE (COE)

Annual Structure Program under Centre of Excellence



2/3 DAYS SDP

Automobile/Mechanical/Mechatronics



Automobile Engineering	CAD, CAE, & Suspension Software	Video Demo and Practical Exposure	2/3 Days Certification
	*		ţŎ;
		SDP Topics •Vehicle Design & Dynamics •Green Mobility •Autonomous (Driverless) Car •Carbon Neutrality •Vehicle* Design and Development •Solidworks and Ansys (Basic/Advance)	

- •Engine Overhauling
- •Reverse Engineering
- Beam Simulation
- •Advance Welding Techniques

* Vehicle: Solar/Hybrid/Formula/Baja Buggy/Go-Kart/ATV/Shuttle etc.

2/3 DAYS SDP

For Electrical/Electronics/Computer Science Students



Basics and Advance Introduction	Software Learning	Video Demo and Practical Exposure	2/3 Days Certification
	*		Į.
	SDF	P Topics	
	Deve •Gree •Auto •PCB •PLC •Emb •Imag •MAT •Web	tric Vehicle* Design & lopment en Mobility nomous (Driverless) Car B Designing & SCADA eedded "C" ge Processing LAB o Designing icial Intelligence	 Robotics and HomeAutomation Specific Task oriented Robot Designing Water Rocket Design Quadcopter Design Embedded Linux Opnet CCNA Web Designing Android Designing Internet of Things (IOT)

•Asp.net

* Vehicle: Solar/Hybrid/Formula/E-Go-Kart/E-ATV/E-Shuttle etc.

8 DAYS INTERNSHIP / TRAINING POGRAM

This program can be with academics or can be during vacations. It also includes development of minor projects and presentation of participants.

> Lecture and Video Demonstration Introduction of program and Basics learning of every parts of program.

03 DAYS

DAYS

DAYS

03

02

Formation of Groups & Hands on Participants will be divided in groups and they will do practical on various minor projects related to program.

Presentation and Certificate Distribution

Presentation by every group of participants and certificate distribution with grades according to their performance.



15 DAYS INTERNSHIP / TRAINING PROGRAM

This program can be with academics or can be during vacations. It also includes manufacturing of a major project and presentation of participants in groups.



30/45 DAYS VOCATIONAL TRAINING PROGRAM

We provide Placement assistance on 30/45 days program. It can be with academics or during vacations.

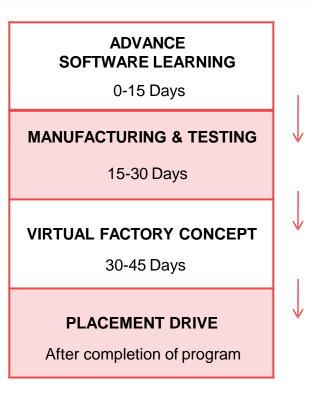
Mechanical / Automobile / Mechatronics

CREO, Solidworks, Ansys, Lotus Shark, Keyshot

Chassis, Steering Geometry, Suspension Mounting, Braking Points, Transmission System, Tires, Bodyworks

Business Process, Subsystem, Market Sur vey, Communication, Network Subsystem , Virtual Installation





Electrical / Electronics / ECE

E-TAP, MATLAB, PROTEUS, Autocad, ZWSOFT

Battery & Battery Charger, Motor & Motor Controller, Transmission System, Workingon Sensors, Electric Actuator, Battery Level Indicator, Dashboard Design

Business Process, Subsystem, Market Survey , Communication, Network Subsystem, Virtual I nstallation

Vocational training, also known as Vocational Education and Training (VET) and Career and Technical Education (CTE) provides job-specific technical training for work in the industries.





जनवरी में होगा हाइब्रिड कार प्रतियोगिता

estrocate in second letter in a write र कह कर्ष भगित जन्मा में - 2017 में सोने पाल सहवित कार कॉन्सिटीलन को टारनीट करते हु आयरजित की जा पही है। ताकि स्ट्रांट्स को तथ इसके ती जरूरी आन्मारी में ज जर्म। whether in we sense are a periodepen राइंत आयोजित होगा जिल्ली कईठान यहत्व



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ing their creative and innov skills, will construct the h cars. Starting from the bas engineers will be gui experts.

training camp

is being held

at Radhara-

On Tuesday, the car

VARIOUS NATIONAL NEWS

University/College can tie up with ISIEINDIA in the following forms:

- 1. Student Research Association (SRA)
- 2. Centre of Excellence (COE)
- 3. Academia Partnership Specialization Program (APSP)
- 4. Annual Custom MOU as per desired activities for students and faculties

Contact Details

- training.isie@imperialsociety.in
 - 0120-4538459
 - www.imperialsociety.in

E210, Sector 63, Noida 201301

How campus can associate?

