



# Company Profile of eSakhi EV Fleets India Pvt Ltd, Pune

Brand Name – TESLA EV Academy  
**Director - Nitin Banait**



# Mr. Nitin Banait - Director Profile



1. Electric Vehicle Network with more than 15000 students, professionals and 25+ EV Companies across Maharashtra & Gujarat
2. Developed Digital Garage (Repair & Service) System for EV 2W, 3W & Car
3. Driven more than 50000 kms on personnel EV Car, E-Scooter & E-Bicycle
4. EV expert lectures in more than 100+ colleges across Maharashtra State, Gujarat, etc.
5. Consultancy to various EV OEM's for Design and Development of Systems in India
6. Design and Consultancy for Campus Electric Vehicle
7. Developed EV-Training, EV-Workshops, EV-Kits, EV-Projects
8. MOU for EV- Center of Excellence in Academics & Industries
9. Collaborations with MNC's/ARAI/STPI
10. EV industry visits, internship, job guidance, consultancies
11. Supply of any EV components for projects & research work



# Prof. N. Ramakrishnan - Advisory Board

1. Current *Faculty at IIT Gandhinagar in Mechanical Engineering* Department
2. Conducted more than 100 CEP Courses at IIT Bombay, IIT Gandhinagar
3. Engineering Consultancies to TATA, Bajaj, TVS, Ashok Leyland, L&T, Hero Motors
4. Teaching Experience of 46 years (IIT Roorkee, IIT Bombay & IIT Gandhinagar)
5. Published More than 100 Conferences & Journal Papers
6. Research Area of Interest – Low Cost High Tech Automation, Computer Integrated Manufacturing (CIM), Manufacturing Automation, Factory Automation, Integrated Material Handling System (IMHS), Gear Technology, Mechatronics, Sensors and Actuators, Hydraulics & Pneumatics
7. Mentored Management Board of various Engineering Colleges
8. Supervised than 100 B.Tech, M.Tech & PhD Projects



# Why TESLA EV Academy ?

## What is Ready?

- EV Experts from Global Companies
- Academics and Industry Network Collaborations for Last Mile Connectivity & Last Mile Delivery
- 100+ EV Guest Lectures
- 5000+ Students Database in EV Domain
- 50+ Colleges & Universities Tie Up
- MOU with ARAI for EV Training and Workshop
- Digital Garage with App
- Digital EV Repair Management Systems
- EV GPS Tracking with software and EV Fleet Owner Dashboard System
- More than 15+ EV OEM/Suppliers Collaborations for internship/Projects
- Start Up/Incubation/ Entrepreneurship Development Programme in EV Domain
- Partners with STPI/MCCIA/SCT-ADT
- Engineering Design and Simulations Consultancies Battery Swapping Stations/Battery Pack DC-DC Converter, Dashboard, Smart Controller, etc.
- 2W/3W Electric Vehicle Dealership in PCMC Region
- Fuel Cell Electric Scooter Project is in Progress (By August 15, 2022)



# TESLA EV Academy Team (IIT & Premier Institutes)



**Mr. Nitin Banait**  
Director  
Rising Sun Technologies  
(14 Years of Design and Simulation Experience)



**Mr. Dhananjay Shinde**  
Managing Director  
(Electric Scooter OEM)  
Envvee Wheels Pvt Ltd



**Mr. Ashish Deshpande**  
Mentor  
Ex - Jaguar Land Rover & Ricardo, UK EV Motor, Power Train & System Engg Expert(20 Years)



**Dr. N. Ramakrishnan**  
Chairman - Advisory Board  
Professor (PhD), IIT, Gandhinagar Sensors and Automation Expert (46 Years of IIT Teaching Experience)



**Dr. Uday Mhaskar**  
Mentor-EV Powertrain & Charging  
(PhD, IIT Bombay-17 Years Industry Experience)



**Dr. Raju Kadam**  
Mentor-Light Weighing Chassis  
(Research & Development, Bharat Forge)  
(PhD, IIT Bombay-12 Years Industry Experience)



**Mr. Rajesh Kapoor**  
Mentor - Simulations Expert  
FEA, CFD, FSI, Fatigue, Motor, EMI/EMC  
(25 Years of Simulation Consultancy Experience)



**Dr. Shashi Bhushan Arya**  
Mentor-Material Degradation Expert NIT, Surathkal  
(PhD, IIT Bombay-12 Years Industry Experience)



**Juhi Ramkrishnan**  
Mentor - Global Sales & Marketing Consultant  
(IIM, Ahmedabad, 26 Yrs Industry Experience)



**Dr. Krishnarao Dhuri**  
Founder & Director (Felidae Electric Pvt Ltd)  
(Electric Bicycle OEM)  
(PhD, IIT Bombay-20 Years Industry Experience)



**Nandini Kanhere**  
Consultant  
Digital Marketing CSR & Media Actor - Filmmaker  
California, USA (20 Years Industry Experience)



**Mr. Sanotsh Khawale**  
Director- INTOIT Solutions Pvt Ltd Pune, India  
(10 Years Industry Experience)



**Dr. Vidya Avasare**  
Mentor-Lithium Extraction/Recycling  
  
(PhD IIT Bombay  
25 Years Teaching Experience)



**Dr. Surekha Deshmukh**  
Mentor-AI & Data Analytics - EV  
  
IEEE Chairman - PES-IAS, Pune Section  
(20 Years Teaching Experience)



# Trademark Certificate ( Intellectual Property Rights, India)

फॉर्म आरजी - 2  
Form RG - 2



भारत सरकार  
Government of India  
व्यापार चिन्ह रजिस्ट्री  
Trade Marks Registry

व्यापार चिन्ह अधिनियम, 1999  
Trade Marks Act, 1999

व्यापार चिन्ह के रजिस्ट्रेशन का प्रमाणपत्र, धारा 23 (2), नियम 56 (1)  
*Certificate of Registration of Trade Mark, Section 23 (2), Rule 56 (1)*



क्रमांक  
No. 2656538

व्यापार चिन्ह संख्या / Trade Mark No. 4516245

दिनांक / Date 01/06/2020

ज. संख्या / J. No. 1966

यह प्रमाणित किया जाता है कि जिस प्रकार चिन्ह की समस्त प्रति इसके साथ संलग्न है, वह .....  
के बारे में दिनांक ..... नाम से रजिस्ट्रीकृत हो चुका है।

Certified that Trade Mark / a representation is annexed hereto, has been registered in the name(s) of:-  
NITIN SAHEBRAO BANAIT TRADING AS M/S. RISING SUN TECHNOLOGIES, Flat No: 11B, Darshan Park, Bldg-B, Behind Hotel Kunal,  
Kalewadi, Pune, Maharashtra, India 411017, Sole Proprietor, (Single Firm)

In Class 41 Under No. 4516245 as of the date 01 June 2020 in respect of

Goods and service as annexed





# Electric Vehicle and Hybrid Electric Vehicles – Basic @ 45 Hours

## Content

- **Introduction.** Evolution & types
- **Major components** involved in EV & HEV propulsion & **configurations**
- **Control systems** and electric drives in EV& HEV
- Basics of **LV & HV** batteries, **Motors**/Drive unit & **Charging** systems
- Practical / demo on **range, power, component sizing** calculations, model based solution, motor controller, cell , module and pack, BMS
- Applicable international & AIS **standards & regulations**

## Learning outcome

- Designed to provide a high level overview of the technology, critical components & industry in general. Industry/Dealer Visits/ARAI Visits

## Target Audience

- Engineers, graduates and professors
- Weekend Batches Available
- Group Discount @ 2 Registration

## Course Fees

- 25000 Rs. With Hybrid Electric Vehicle Kit W/O Battery can be fitted @10 inch Petrol Scooter
- 2 Hrs @ 20 Sessions



# Electric Vehicle and Hybrid Electric Vehicles – Advanced @ 90 Hours

## Content

- **Introduction.** Evolution & types
- **Major components** involved in EV & HEV propulsion & **configurations**
- **Control systems** and electric drives in EV& HEV
- Basics of **LV & HV** batteries, **Motors/Drive unit** & **Charging** systems
- Practical / demo on **range, power, component sizing** calculations, model based solution, motor controller, cell , module and pack, BMS
- Applicable international & AIS **standards & regulations**
- **Basics of FEA/CFD Course with EV Focus**

## Learning outcome

- Designed to provide a high level overview of the technology, critical components & industry in general. Industry/Dealer Visits/ARAI Visits

## Target Audience

- Engineers, graduates and professors
- Weekend Batches Available
- Group Discount @ 2 Registration

## Course Fees

- 50000 Rs. With Hybrid Electric Vehicle Kit W/O Battery can be fitted @10 inch Petrol Scooter
- 2 Hrs @ 40 Sessions





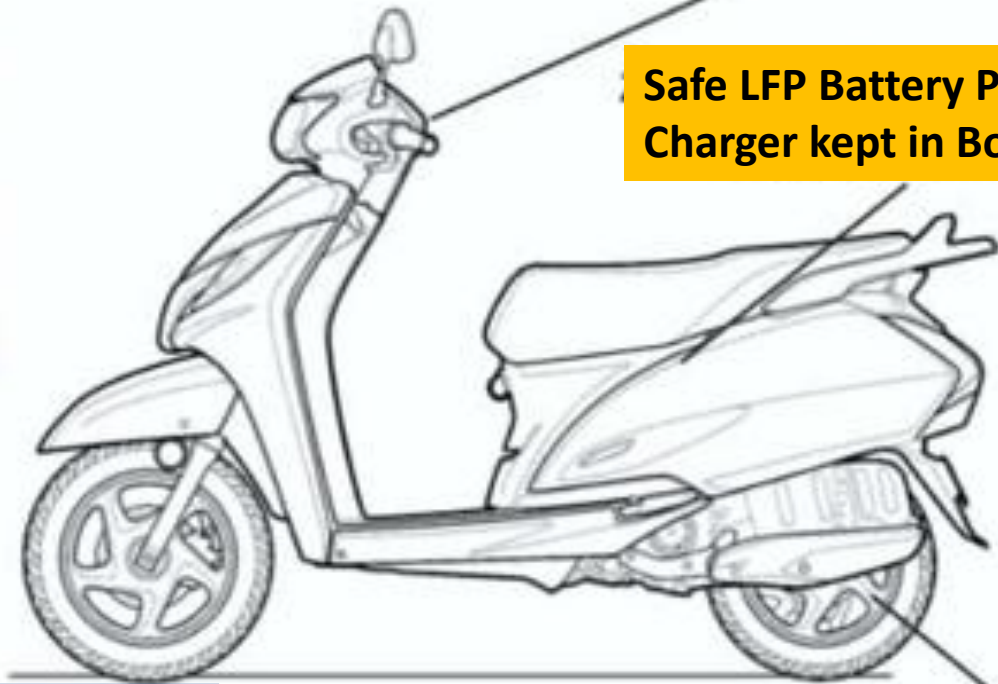
# TESLA EV Academy: EV & HEV Course

## Content of Course

- **Why EV & HEV ?**
- **HEV & EV Fundamentals**
- **Vehicle Dynamics, Performance & Fuel Economy**
- **Electric Vehicle Powertrain**
- **Battery, Battery Cell, Battery Module, Battery Pack, Battery Calculations**
- **Battery Thermal Management**
- **Regenerative Braking**
- **EV Component Details**
- **HEV Component Details**
- **HEV & EV Energy Management**
- **Modeling & Simulations in Electric Vehicle (FEA & CFD Basics)**
- **Hands on EV/HEV**

**Common Throttle for Petrol & Electric Drive**

**Safe LFP Battery Pack with Charger kept in Boot Space**



**Go Green**

**eSakhi Brand Hub Motor Integrated with Rear Wheel**

- Consent Letter from Vehicle Owner
- Notary of Letter - Cost in customer scope
- Launch Offer - 45000 Rs Till Aug 15,2021

**On 2 Advance  
Course Purchase  
HEV Kits, One  
eSakhi EV Charging  
Station is Free**



# TESLA EV Academy: Payment Method – QR Code



**Google Pay / Phone Pe / BHIM UPI**



# TESLA EV Academy: Payment Method – UPI ID & Bank

**UPI ID – easypay1058@icici**

**ICICI Bank**  
HINJEWADI Branch  
Shobha Guest House, Hinjewadi, Phase II, Pune-411 057  
RTGS / NEFT IFS Code : ICIC0000986

VALID FOR THREE MONTHS ONLY  
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ESAKHI EV FLEETS INDIA PRIVATE LIMITED

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# Gallery



## Expert Lecture on "Opportunities and Scope in Electric Vehicle"

Date of Industry Institute Interaction : 23/08/2019

The Mechanical Engineering Department in association with IEI student chapter & III Cell organized Expert lecture on "Opportunities and Scope in Electric Vehicle" by Mr. Nitin Banait. He worked with Ansys Pvt Ltd Pune. Currently he is working as Academic Head at Khodiyar CAD Pvt Ltd.

He speaks about overall scenario of Electric vehicle in India and around the world. He told about various opportunities for student as well as faculty of Research in Electric Vehicle. Also guides about the job opportunities in Electric Vehicle industry.





# Contact Us

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**[CLICK HERE TO REGISTER FOR ONLINE & OFFLINE EV COURSES](https://teslaevacademy.com)**