

Five Days Faculty Development Program

"Electric Vehicle"

27th Feb to 3rd March, 2023



Organized by

Department of Mechanical Engineering and **Department of Electrical Engineering**

N. B. Navale Sinhgad College of Engineering,

Kegaon, Solapur - 413 255,

Maharashtra, India

Visit us at http://sinhgadsolapur.org/EdSite/

The Host Institute:

Sinhgad Institute was established in 1993 under the able • Future scope and career opportunities in EV sector; and dynamic leadership of Prof. M. N. Navale, with an objective of providing technical education which is at par with the best in the world. In the past three decades, the Sinhgad family was gown to 119 Institutes spread all over 12 Campuses and providing education for more than 1,00,000 students. SPSPM's N B Navale Sinhgad College of Engineering, Kegaon, Solapur was established in 2010 well known with high Ouality and has become Engineering Education. The college has been recognized by NAAC with A Grade(3.12/4 CGPA). The institute has got recognition as ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS (ARIIA). The college offers Bachelor Degree Programmes in five different streams of engineering viz. Electronics & Telecommunication Engineering, Mechanical Engineering, Computer Science Engineering, Civil Engineering Electrical Engineering. The college also offers Post Graduate Degree Programme in Civil Engineering.

Objectives of the Course:

- To understand fundamentals of Electric Vehicles (EVs) and various components used.
- · To identify the environmental impact by the use of Electric Vehicles.
- To optimize various components of EV.
- · To understand Battery Management System for EVs
- To get an insight to Charging Infrastructure of EVs
- · To understand and solve various industry grade case studies and engineering problems.
- To develop and promote research interest in applying different techniques in EV.

Course content:

- Introduction about Electrical Vehicle:
- Mechanical design of Electric Vehicles;
- · Motors used in EV and their types;
- · Circuits and wiring in EV:
- · Battery Management System;

- · EV charging and the grid;
- · Fast Charging Station for EVs;
- · Sensors and controls used in Electric Vehicle;
- Demonstration and working of various parts of EV;
- · Industrial visit

Who can participate:

Faculty members from degree and diploma colleges. industry delegates and PHD scholars can register for program.

Registration:

The interested candidates should submit the complete duly filled registration form along with cash of Rs.500/-(Non-refundable) OR the candidates can register through the online link and also can pay online by using QR code. Selection will be on first come first served basis up to maximum 40 participants. The registration fee covers the cost of working lunch, tea and course material.

Registration may also be done online, through

https://forms.gle/HMo3mbibcDy5GhLs8

Speakers:

Experts for the sessions will be from Academic Institutes and industries (TATA Motors, Green Leaf Energy Solution etc.)

Chief Patrons

Hon, Prof. M. N. Navale

Founder President, STES/ SPSPM, Kamlapur

Hon. Mrs. Dr. S. M Navale

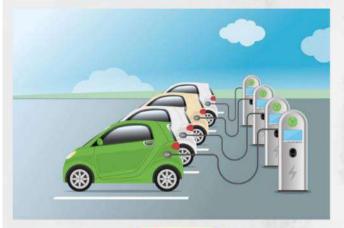
Founder Secretary, STES/ SPSPM, Kamlapur

Hon.Mr. R.M. Navale

Vice President(HR), STES/ SPSPM, Kamlapur

Hon. Mrs.Rachana Navale -Ashtekar

Vice President (Amin), STES/ SPSPM, Kamlapur



Patrons

Hon. Mr. Sanjay Navale

Campus Director, SPSPM, Kegaon, Solapur and Jt. Secretary, SPSPM, Kamlapur

Dr.R. T. Vyavhare

Vice Principal(Academics), N B Navale Sinhgad College of Engineering, Solapur

Dr S. D. Nawale

Principal, N B Navale Sinhgad College of Engineering, Kegaon, Solapur

Dr. S. M. Jagade

Vice Principal (Admin), N B Navale Sinhgad College of Engineering, Solapur

Advisory Committee

Dr R T Vyavhare

Vice-Principal (Academics)& Head Mechanical Engineering

Prof. V S Biradar

Head, Dept. of Electrical Engineering

Dr P. D. Gandhmal

Head, Dept. of Computer Science and Engineering

Dr S. M. Jagade

Vice Principal (Admin) & Head Electronics& Telecommunication Engineering

Dr P. P. Tapkire

Head, Dept. of Civil Engineering

Dr V. V. Kharat

Head, Dept. of General Science and Engineering

Dr S S Shirgan

Associate professor Electronics & Telecommunication Engineering



Important Dates:

Last date for registration: 24/02/2023

Confirmation of selection: 25/02/2023

Online Link for Registration

https://forms.gle/HMo3mbibcDy5GhLs8

Participants can use following bank details for payment

Account Name: N B Navale Sinhgad College of Engineering

Axis Bank Account No: 916010038065803

IFSC CODE: UTIB0001043

After successful payment, please share screen shot of payment on following
WhatsApp No: +91 9657869146

Co-ordinators

Prof. S M Chavan

Prof. A A Kotmale

Organizing Committee

Prof. K S Mangrulkar Prof. S S Kulkarni

Prof. S T Jagtap

Prof. B N Bedre

Prof. A K Shaikh

Prof. A U Bhise

For Registration Query

Prof S M Chavan Mobile: +91 9657869146

For Accommodation

Prof A A Kotmale Mobile: +91 9420291860

Accommodation will be provided at hostel at nominal charges of Rs.500/- (for the period of entire FDP if required)



N B N Sinhgad College of Engineering, Kegaon-Solapur

A
Five Days Faculty
Development Program
ON

"Electric Vehicle"

(27th Feb to 3rd March, 2023)

Registration Form

Name:
,
E-mail:
Designation:
Department:
Institution/Industry:
Address for correspondence:
Mobile No:
Transaction No
Amount:Bank:
Branch:

Accommodation Required - Yes / No (Please take photocopy of form, if required)

Signature of Applicant