



## Five Days Faculty Development Program on

# “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 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 grown 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 and has become well known with high Quality 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 and 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;

- Future scope and career opportunities in EV sector;
- 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.Mr. R.M. Navale**  
Vice President(HR) , STES/  
SPSPM, Kamlapur

**Hon. Mrs. Dr. S. M Navale**  
Founder Secretary, STES/  
SPSPM, Kamlapur

**Hon. Mrs.Rachana Navale -Ashtekar**  
Vice President (Amin) , STES/  
SPSPM, Kamlapur



## 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)

Savitribai Phule ShikshanPrasarak Mandal's



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



## 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

