

## About the Institution

Velammal College of Engineering and Technology was established in the year 2007 to impart quality technical education. It is a self-financing non-minority Institution, approved by All India Council for Technical Education (AICTE), New Delhi and affiliated to Anna University; Chennai. This College is founded by Shri. M.V. Muthuramalingam, Professional Engineer and the Chairman of the Velammal Educational Trust, Chennai and Madurai. Velammal group has 72 Institutions, 1,50,000 students and 15,000 faculty members under its fold. The college has a team of dedicated faculty specialized in various branches of Engineering, Science and Humanities. The Institute offers Nine UG Programmes and six PG Programmes. The institute has been recognized as Research Center under Anna University, Chennai. Our Institution has received 59 grants to the tune of 12.54 Crores. Velammal Group of Institutions have created a niche among the public through quality education, discipline and high level of placement. The watch words of our trust are "Dedication, Determination and Distinction".

## About the Department

The Department of Electrical and Electronics Engineering was established in the year 2007. It offers B.E. (EEE) and M.E. (Power Systems Engineering) & Ph.D. (Electrical Engineering). To nurture students innovative idea, Department has established industry supported laboratory sponsored by Texas Instruments (TI), Coimbatore. The department is progressing towards world class excellence through committed teaching and research faculty. The department has received Rs.1.43 Crores towards R&D activities from various funding agencies such as DRDO, EDII-DST and AICTE. The department has Innovation and Entrepreneurship Development Centre (IEDC) sponsored by DST. Energy audit and power quality audit are being regularly conducted by qualified Energy Managers (approved by Bureau of Energy Efficiency-BEE) for Velammal Educational Trust since 2019. The department regularly conducts various programs such as International & National Conferences, FDPs, STTPs, Entrepreneurship Development activities, Energy Awareness camps, Project contests, Webinars, Professional society activities under Institution of Engineers (India) IE(I) - Students' Chapter, Workshops and Value added courses.

## Objectives of the Seminar

- ❖ This National Level Seminar will focus upon exploring new avenues with latest advances in the field of Electric Drive System in Electric Vehicle.
- ❖ This national level seminar is intended for academic community in teaching, research and for the Engineering students (UG/PG) who wish to develop a deeper understanding and create custom solutions to problems in the field of Electric Drive System in Electric Vehicle.
- ❖ Design and implementation methods for various applications will be highlighted.
- ❖ At the end of this seminar, the participants can learn about different Electric Drive System in Electric Vehicle along with the real time applications.

## Seminar Preamble

The development of Electric drive system in electric vehicle technologies and faster adaptation has generated a great deal in improving the sustainability of the transportation model. Electric mobility has experienced a significant advance in the last decades due to technological advancements, bringing a dramatic change to our societies and transforming our lives. This is particularly true in the current times where mankind faces serious risks due to the well-known pandemic and global warming. This seminar will provide a premier interdisciplinary platform for students, researchers, practitioners and educators and discuss the most recent innovations, trends, and concerns, as well as practical challenges in the fields of Electric Vehicle Technologies. The scope of the topics covers major aspects of electrical design, mechanical design and communication technologies required for Electric drive system in Electric Vehicle Technologies.

## TNSCST Sponsored One Day National Level Seminar

On

## “Electric Drive System in Electric Vehicle”

24.01.2025 (Friday)



Organized By



Department of

**Electrical and Electronics Engineering**

**Velammal**

**College of Engineering & Technology**

(Autonomous)

Madurai-625 009, Tamil Nadu.

## Organizing Committee

### Chief Patron

**Shri. M. V. Muthuramalingam**

Chairman, VET

### Patron

**Dr. P. Alli,**

Principal, VCET

### Convener

**Dr. A. Shunmugalatha,**

Professor & Head/EEE and Dean (Academics)

### Organizing Secretaries

**Dr. A. Radhika,** Associate Professor / EEE

**Dr. B. Kiruthiga,** Associate Professor / EEE

### Co-ordinators

**Dr .S. Muthulakshmi,** AP/EEE

**Mr. A. Madhan,** AP/EEE

### Venue

**Seminar Hall - I, VCET**

### Expected Participants

- UG/PG Engineering Students, Research Scholars and Faculty members from various reputed Engineering Institutions/ Polytechnic Colleges.
- Industrialists from reputed companies

❖ **Number of seats is limited to 80**

❖ **Participation Certificate, Lunch & Refreshments will be provided to all the participants**

## Registration Details

Delegates	Fees (Rs.)
UG/PG Students & FT Research Scholars	150
Research Scholars/ Faculty Members	200
Industry Persons	300

➤ Selection intimation will be given through e-mail

➤ Mode of Payment – Online Payment (G-Pay number: 8903830888)

➤ **Registration Link:**  
<https://forms.gle/LbWxgcGFmS81RJt98>

## Important Dates

Last Date for submission of application	20.01.2025
Intimation of Selection (through email)	21.01.2025
Confirmation by participants	22.01.2025

## Resource Person

Sessions will be handled by the subject experts from Research Organization and other premier Govt. / Govt. Aided Institutions.

## Registration QR:



## Whatsapp Group Link:

<https://chat.whatsapp.com/Br2J7o5vwNhBSip6a>

## Velammal

### College of Engineering & Technology

(Autonomous)

**TNSCST Sponsored One Day National Level Seminar on “Electric Drive System in Electric Vehicle”**

**24.01.2025 (Friday)**

## REGISTRATION FORM

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Department : \_\_\_\_\_

Qualification : \_\_\_\_\_

Organization : \_\_\_\_\_

Address : \_\_\_\_\_

Phone : \_\_\_\_\_

E-mail ID : \_\_\_\_\_

Category (Tick) : Student / Faculty / Research Scholar (PT/FT)

## DECLARATION

The information furnished above is true and I agree to abide by the rules and regulations governing this National Seminar on 24.01.2025.

Signature of the Applicant

## SPONSORSHIP CERTIFICATE

Certified that Mr./Ms/Dr.....is a bonafide Student / faculty of our college.

Signature of Head of the Department /Institution  
(with office seal)