

PROFILE OF THE INSTITUTE

Founded in 1981 by Vasavi Academy of Education. Vasavi College of Engineering represents a rich tradition of excellence in technology-based education. A premier-league institution among the affiliates of Osmania University. Vasavi College of Engineering owes its vision to Sri Pendekanti Venkata Subbaiah, a veteran statesman of independent India.

The college has been granted with Autonomy by the University Grants Commission (UGC), New Delhi and Osmania University, Hyderabad for all the programmes for a period of six years with effect from the Academic Year 2014- 15, and has been extended the autonomous status for a period of ten years from 2021-22 to 2030-2031. The College is Accredited by NAAC with A++ Grade. The College is implementing Choice Based Credit System (CBCS).

ABOUT THE DEPARTMENT OF EEE

The Department of Electrical and Electronics Engineering was started in the year 1999 offering undergraduate programme with Twenty-Three batches already graduated and Twenty-Fourth batch graduating in the year 2026. The Department has started Post graduation programme in Power Systems and Power Electronics in the year 2012. A good number of EEE graduates seek admission to higher studies abroad and also in IITs, NITs and IIMs. The Department has well equipped laboratories, and well qualified, dedicated, experienced and trained faculty with a deep sense of commitment towards the students and the college. The department is accredited by NBA for a period of three years.

Chief Patrons	Sri. P.Ram Mohan Rao President, Vasavi Academy of Education Sri. V.M. Parthasarathi, Secretary, Vasavi Academy of Education
Patron	Sri. P.Balaji, CEO, Vasavi College of Engineering
Chairman	Dr. S.V. Ramana, Principal, Vasavi College of Engineering.
Co-Chairman	Prof. M.Chakravarthy HOD, EEE, VCE Mobile:+91-9849979136 hodeee@staff.vce.ac.in
Program Advisor:	Prof. B. P. Muni Professor, EEE Department
Program Coordinator	Dr. Ravi Ponnala, Asst.Prof. Mobile:+91-9989600881 ravi.ponnala@staff.vce.ac.in
Coordination Committee	Dr.K.Ravi Kumar, Professor Dr.Ch.V.S.S.Sailaja, Asso. Prof Dr.G.Sandya Rani,Sr Asst prof Dr. M. Sreenivasulu, Sr Asst Prof Mr. P.Rajasekhar Reddy, Asst. Prof Dr. C.Srinivasarathnam, Asst. Prof Ms.Sheik Ruksana, Asst. Prof Dr. B. Kiran Babu, Asst. Prof
Contact Details:	Dr.Ravi Ponnala 9989600881

Faculty Development Programme
On

Innovations in Electric Vehicles with Advanced Power Electronic Control

9th -13th March 2026

Evening: 6:30 PM-8:30 PM (Virtual Mode)

Organized by



Department of
Electrical & Electronics Engineering
Vasavi College of Engineering
(Autonomous)

Accredited by NACC with A++
9-5-81, Ibrahimbagh, Hyderabad-500031.

Phone: +91-40-23146030

Website: <http://www.vce.ac.in>

INSTITUTE

Vision

Striving for a symbiosis of technological excellence and human values.

Mission

To arm young brains with competitive technology and nurture holistic development of the individuals for a better tomorrow.

DEPARTMENT

Vision

Empowering Future Engineers in Electrical & Electronics Engineering with Technological Excellence and Human Values.

Mission

To Arm Aspiring Engineers with Cutting-Edge Technology and Cultivate Holistic Development, Fostering a Synergy of Knowledge and Values for a Brighter Future.

REGISTRATION:

Rs. 200/- per participant.

Link for Registration and payment:

<https://payments.bildesk.com/bdcollect/bd/vasavicollegeofengineering/19426>



IEVAPEC-2026

CERTIFICATE:

Certificate will be provided to the participants if they satisfy the attendance criteria of 80% .

SESSIONS TIMINGS:

9th-13th March-2026 Evening: 6:30 PM-8:30PM

About the FDP:

This Faculty Development Programme (FDP) focuses on recent technological advancements in electric vehicles (EVs) with special emphasis on advanced power electronic control techniques. It covers modern EV architectures, high-efficiency power converters, motor drives, and intelligent control strategies for improved performance and energy efficiency. The programme highlights developments in, fast charging technologies, and integration of renewable energy with EVs. It also provides insights into real-time control, simulation, and design challenges in EV powertrains. Overall, the FDP aims to enhance faculty competence in emerging EV technologies and promote research and innovation in sustainable transportation

Objectives of the FDP:

- To provide participants with a comprehensive understanding of recent innovations in electric vehicle technologies and architecture.
- To enhance knowledge of advanced power electronic converters and control techniques used in EV propulsion systems.
- To familiarize participants with modern motor drives, and fast-charging technologies.
- To develop practical insights into modeling, simulation, and real-time control of EV powertrains.
- To bridge the gap between academic concepts and industrial practices in EV and power electronics.
- To bridge the gap between academic concepts and industrial practices in EV and power electronics.
- To motivate faculty members to undertake research, consultancy, and curriculum development in electric vehicle and power electronic control domains.

Resource Persons

Ramana Reddy A V, Principal Customer Success Engineer, Mathworks.

Topic: Model Based Systems Engineering for EVs

Dr. Bishnu Prasad Muni, Adjunct Professor, EEE Dept, Vasavi College of Engineering, Rtd. General Manager, BHEL Corporate R&D , Hyderabad.

Topic: Control Techniques for Electric Drives

Dr. Ramsha Karampuri, Assistant Professor, Visvesvaraya National Institute of Technology, Nagpur

Topic: Multi-Phase Drives for EVs

Dr. Manohar Reddy B, Embedded Engineer – Vehicle Charging, OLA Electric.

Topic: Wireless Charging and its Future Prospects

Dr. Patnana Hema Kumar, Specialist, Grade-F TBU-Electrification, Tata Elxsi, Hyderabad.

Topic: Fault-Tolerant BLDC Motor Drive Configurations for low Power Electric Vehicle Applications

WHO CAN ATTEND?

The course will be beneficial to:

- Faculty members from academic institutions. Professionals involved Electrical Vehicles
- PG students and research scholars pursuing PhD