



AICTE - EduSkills



Educator Development Program on

Electric Vehicle

Design & Simulation using ANSYS Workbench



17th - 22nd August, 2026

Organized by

Department of Electrical & Electronics Engineering

in collaboration with



EduSkills®

Nation Building Through Skills



BVRIT HYDERABAD

College of Engineering for Women

(UGC Autonomous Institutions | Approved by AICTE | Affiliated to JNTUH)
(NAAC Accredited -A Grade | NBA Accredited B.Tech (EEE, ECE and CSE))
Bachupally, Hyderabad-500 090

About EDP

The EDP on Electric Vehicle Design & Simulation equips faculty with expertise in EV fundamentals & architecture, master powertrain design for two and four wheelers, get hands on with ANSYS, learn about embedded systems, perform battery thermal and motor performance analysis, and sharpen skills in vehicle dynamics optimisation. Through hands on training on digital simulations, and global standards, it fosters academic integration, preparing educators to guide EV focussed students project, integrate industry oriented practices, and contribute to research in electric mobility.

▶ OFFLINE MODE

Impact Analysis

Attendance
90%

There will be an assessment on the last day of the FDP. Based on the attendance and performance, the faculty members will be awarded certificate.

Resource Person

Mr. Bhairab Prasad Kantu

Assistant Manager – Learning & Development, EduSkills Foundation

Topics To be Covered

- EV Fundamentals & Simulation
- Battery Systems & Embedded Controllers
- EV Powertrain & Motor Systems
- Vehicle Dynamics & Chassis
- Thermal Management & CFD
- EV Integration & Mini Project

About the Department

The Department of Electrical and Electronics Engineering (EEE), established in 2012, is affiliated with JNTUH, Hyderabad and has been NBA accredited since 2018, with reaccreditation in 2025. The department offers quality education through experienced faculty, modern laboratories, and an industry-oriented curriculum that combines theoretical knowledge with practical skills. Students are encouraged to pursue certifications through NPTEL, edeX, Coursera, and IITs, while technical activities organized by IEEE, IE(I) ISTE, and Deeptha promote innovation and professional development. The department provides strong industry exposure through internships and industrial visits, resulting in excellent placements in leading multinational companies. The department actively promotes research, innovation, and entrepreneurship through DST-funded projects, the MSME IDEA Hackathon, and the Centre of Excellence in Electric Vehicles (Vishnu Vehicle Design Lab), where students have won several national-level awards in EV, HEV, and Autonomous Vehicle competitions.



REGISTRATION PROCESS

- First Registration First Confirmation basis
- Registration Fees - Free for EduSkills Member Institutions



BVRIT HYDERABAD

College of Engineering for Women

Rajeev Gandhi Nagar, Nizampet,
Bachupally Road, Hyderabad, 500 090

www.bvrithyderabad.edu.in

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Sri K Sai Sumant	Joint Secretary, SVES
Dr. K V N Sunitha	Founder Principal

PATRON

Dr. A Sharada	Principal, BVRITH
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Dr. J Naga Vishnu Vardhan,	Dean Academics
Dr. S L Aruna Rao	Dean Industry Relations

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Ms. B Sujatha	Associate Professor, EEE
Ms. Babita Gupta	Assistant Professor, EEE
Dr. K Bhavya	Assistant Professor, EEE
Dr. R Manoj Kumar	Assistant Professor, EEE
Mr. M Prashanth	Assistant Professor, EEE
Dr. C V Subba Reddy	Assistant Professor, EEE
Dr. M Sri Suresh	Assistant Professor, EEE

Institution Vision

To emerge as the best among the institutes of technology and research in the country dedicated to the cause of promoting quality technical education.

Institution Mission

At BVRITH, we strive to

- Achieve academic excellence through innovative learning practices.
- Enhance intellectual ability and technical competency for a successful career.
- Encourage research and innovation.
- Nurture students towards holistic development with emphasis on leadership skills, life skills and human values.

Department Vision

To Develop Comprehensively trained and socially responsible women electrical and electronics engineers with competencies and capabilities to adopt to new challenges

Department Mission

- To Empower the students adept at latest technologies by providing innovative learning environment.
- To cultivate interdisciplinary research mindset and outlook to develop engineering solutions.
- To inculcate ethical behavior and professional attitude in order to embrace holistic concept of living.



BVRIT HYDERABAD College of Engineering for Women (BVRITH), the youngest offspring of Sri Vishnu Educational Society (SVES) founded by Chairman Sri K V Vishnu Raju in 2012.

BVRIT HYDERABAD College of Engineering for Women (Autonomous) was established in the year of 2012 with the clear Vision & Mission to empower the women to aspire for a better career. College was accredited by NAAC with Grade 'A' in the year 2020 and granted UGC autonomous status from AY 2023-24 for a period of 10 Years. The Institute is duly approved by All India Council for Technical Education, Government of Telangana and is affiliated to Jawaharlal Nehru Technological University Hyderabad. UG Programs – B.Tech. (EEE, ECE, CSE) were accredited by NBA. College offers 4 UG Programs in B.Tech. EEE, ECE, CSE and CSE (AI&ML) with an intake of 660 and 3 PG Programs in M.Tech (Data Sciences) with an intake of 18, M.Tech (VLSI Design) with an intake of 12 and M.Tech (CSE) with an intake of 12.

In spite of being a new college, by following different unique practices the college became one of the first choices among all affiliated colleges under JNTUH for the aspiring students who want to elevate their talent more than the academics.