



AICTE-VAANI Sponsored

2 Days Workshop On

Accelerating Sustainability: Exploring the World of Electric Vehicles

(In Gujarati)

28th & 29th November, 2025

Coordinator:

Dr. Sanjay M.Patel

Co-Coordinator:

Prof. Yagnesh J. Gambhava

Sponsored By:

AICTE-VAANI (India)

Organized By:

Department of Automobile Engineering

A. D. Patel Institute of Technology

The Charutar Vidya Mandal (CVM) University

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ABOUT CVM

Charutar Vidya Mandal (CVM) was established in the year 1945 as a charitable trust with a prime objective of rural development through education. Ability to use quality education as a powerful means of social transformation is the uniqueness of Charutar Vidya Mandal. At present, Charutar Vidya Mandal manages about 50 Educational & Research Institutions from schools to colleges, with over 30,000 students on the rolls.

ABOUT CVM UNIVERSITY

Charutar Vidya Mandal University (CVMU) established in the year 2019 as a largest self-financed state private university with a prime objective of imparting quality education for current and future needs of individual, society and the Nation. The CVM University offers programs in more than nine academic disciplines. The initial size of the CVM University is largest among all private universities of Gujarat and around 10,000 students and well-qualified faculty members and non-academic staff members are the part of the CVM University.



ABOUT INSTITUTE, ADIT

A. D. Patel Institute of Technology (ADIT) is a self-financed Degree Engineering College established by Charutar Vidya Mandal in year 2000. The college offers degree Engineering programs in 11 disciplines & PG program in 6 disciplines. The Institute is situated in campus over 40 acres. The institute is also certified with ISO 9001:2015. ADIT has been selected among 49 colleges across India, by AICTE to establish IDEA Lab. ADIT ranked 7th with 4 star in the entire state of Gujarat by GSIRF, Govt. of Gujarat.



DEPARTMENT OF AUTOMOBILE ENGG.

The department of Automobile Engineering, ADIT was established in the year 2003, being pioneer in the state of Gujarat. Department offers Degree in Automobile Engineering at UG level. Department is having well qualified and experienced teaching faculty members. Department is having well equipped state of art laboratories and Project lab with excellent infrastructure. The department is also having centre of excellence in E-Mobility and centre of excellence in Road Safety. Automobile Engineering Department is a winner of SAE All India Electric Two Wheeler Design Competition, 2019 & 2020. Department has also MOU with MG Motor for academic excellence.

ABOUT WORKSHOP

This workshop on "Accelerating Sustainability: Exploring the World of Electric Vehicles" is intended to provide opportunities for faculty members and researchers employed in engineering institutions to enhance their knowledge and to keep abreast with the latest technical developments in the field of electric vehicles. The program includes expert lectures delivered by Industry experts from the respective domain and by academicians, who will give a flavor of the academic research activities happening in the domain of electric vehicles. The primary focus of the program is to give exposure and explores the latest technology related to electric vehicles to the participants attending the program.

TOPICS TO BE COVERED IN WORKSHOP:

- Electric Vehicles; Needs & trends.
- Government promotions & policies.
- Battery management systems.
- Battery swapping technology.
- Thermal management of EV.
- EV Motors and controllers.
- EV Retrofits in existing vehicles.
- EV battery chargers.
- EV Manufacturing & Testing.
- Use of AI in EV mobility.

TARGET AUDIENCE

Faculty members from AICTE approved institutions, Ph.d. scholars, PG scholars, Research fellows, working professionals from Industry.

REGISTRATION

No Registration Fees.
Registration thru AICTE ATAL Portal only.
Limited Seats are available.

MODE OF EVENT

2 Days: Offline
Venue: A D Patel Institute of Technology,
New V V Nagar, Dist: Anand; State: Gujarat.

Chief Patron

Er. Bhikhubhai B. Patel,
President, CVM University; Chairman, CVM

CVM University officials

Prof. (Dr.) Indrajit N. Patel
Provost, CVM University

Dr. Sandeep Walia
Registrar, CVM University

Program Chair

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