



**GUJARAT TECHNOLOGICAL UNIVERSITY**

**C. K. PITHAWALLA COLLEGE OF ENGINEERING AND TECHNOLOGY,  
SURAT (009)**

**REPORT OF ONE DAY WORKSHOP  
ON "CHARGING THE FUTURE:  
CHALLENGES AND OPPORTUNITIES  
FOR ELECTRIC VEHICLE ADOPTION"  
Academic Year 2024-25**

Program was scheduled as per the given details

<b>Event Name :</b>	<b>Charging the Future : Challenges and Opportunities for Electric Vehicle Adoption</b>
<b>Name of the Resource Person :</b>	Mr. Jeel Contractor
<b>Designations :</b>	Founder & Director, First Charge Pvt. Ltd., Surat
<b>Specializations :</b>	Electrical Vehicle Charging and Renewable Energy Sources
<b>Mobile Number :</b>	8306063022
<b>E-mail Id :</b>	info@firstcharge.co.in
<b>Date :</b>	15/10/2024
<b>Day &amp; Time :</b>	Tuesday, 02:00 pm – 04:30 pm
<b>Venue :</b>	D2 Seminar Hall, CKPCET, Surat
<b>Student Class :</b>	1st, 2nd, 3rd, 4th Year Electrical Engineering 1st Year Mechanical Engineering
<b>Event Coordinator :</b>	Prof. Zeel J. Dave, Dr. Chetan K. Lad, Asst. Prof. EED, Asst. Prof. & Head EED Dept. Coordinator, SSIP.



## Summary of Event:

Electrical Vehicle Charging and Renewable Energy Sources workshop conducted by Mr. Jeel Contractor sir, Founder & Director, First Charge Pvt. Ltd., Surat. Electric vehicle in India scope and challenges topic conducted by Dr. Chetan Lad sir, Assi. Prof. & Head, EED, CKPCET, Surat. Dr. Chetan Lad sir discussed the need of electric vehicles and the market scenario of it. He also discusses some challenges faced by India and what initiatives taken by the government of India. Then, Mr. Jeel Contractor sir, delivered the concept of charging the future: Challenges and opportunities for Electric vehicle adoption. He discussed the types of charger, types of EV charger connectors, what are the charging levels for electric vehicles. He discussed the new terminology Vehicle 2 Everything (V2x) in terms of power flow to the students. He had hands-on experience on Electric vehicle chargers, cables and controllers used in electric vehicle charging stations.

**Participants:** There are a total of 75 attendees who participated in this event and enhanced their knowledge.

Participants	Number
Students	71
Faculty	4
Total	75

Event coordinator	SSIP Coordinator	Event Convener
Prof. Zeel Dave Dr. Chetan Lad	Prof. Zeel Dave	Dr. Chetan Lad

**Enclosures:** (i) Event Photographs  
(ii) List of Participant



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SNAPS







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