



**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES**

(AUTONOMOUS)



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



**VIHAAN**  
ELECTRIX

**A Two Day  
Hands on Training Workshop  
on**

**ELECTRIC VEHICLES (2W)**

**during**

**27<sup>th</sup> - 28<sup>th</sup> FEBRUARY 2023**

**In Association with**

**VIHAAN ELECTRIX AND IEEE VTS**



**N. VENKATA REDDY**  
Founder/CEO



**ARC 2023**  
*GENERATE TO TRANSFORM*

**FACULTY COORDINATORS**

Mrs. D. Sri Lakshmi  
Mr. S. Harish

**HOD**

Prof. J. Vijaya Kumar

**PRINCIPAL**

Prof. K. Sri Rama Krishna



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(Permanent Affiliation by Andhra University & Approved by AICTE  
Accredited by NBA (ECE,EEE,CSE,IT, Mech. Civil & Chemical) & NAAC)  
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### **DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

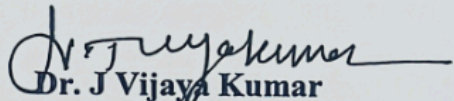
#### **CIRCULAR**

22<sup>th</sup> Feb, 2023

A Two dayshand on training workshop on "ELECTRIC VEHICLES (2W)" by Mr. N Venkata Reddy, CEO, Vihaan Electrix has been arranged on 27<sup>th</sup> & 28<sup>th</sup> February, 2023 for third year EEE students at PS Simulation lab in the EEE department by department of EEE in association with IEEE Vehicular Technology Student Chapter.

Students, who are interested to participate, give their names to class teacher.

**Mrs. D Sri Lakshmi**  
**Mr. S Harish**  
**Faculty Coordinators**

  
**Dr. J Vijaya Kumar**  
**HOD, Dept. of EEE**

Head of the Department  
**ELECTRICAL & ELECTRONICS ENGG.**  
**ANITS, Sangivalasa,**  
**Visakhapatnam-531 162**

**Circular to:**  
**Third Year EEE Section A,B & C**



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### **DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Date: 07/03/2023

#### **Report on a Two Day Hands on Training Workshop on “ELECTRIC VEHICLES (2W)”**

**Name of the workshop: “ELECTRIC VEHICLES (2W)”**

**Speaker: N.Venkata Reddy, Founder & CEO, Vihaan Electrix,**

**Date and Time: 27-02-2023 & 28-02-2023**

#### **Objectives of Workshop:**

The objective of the workshop is to explore the state-of-art technologies in the area of Electric Vehicle through a series of lectures delivered by eminent person working in this field and to provide some hands on experiences on the vehicles build using this technology.

#### **Outcomes of Guest Lecture:**

In this workshop, the students has exposure to learning and knowledge of Electric vehicle that will provide an insight and complete idea how to build and parts of an Electric vehicle.

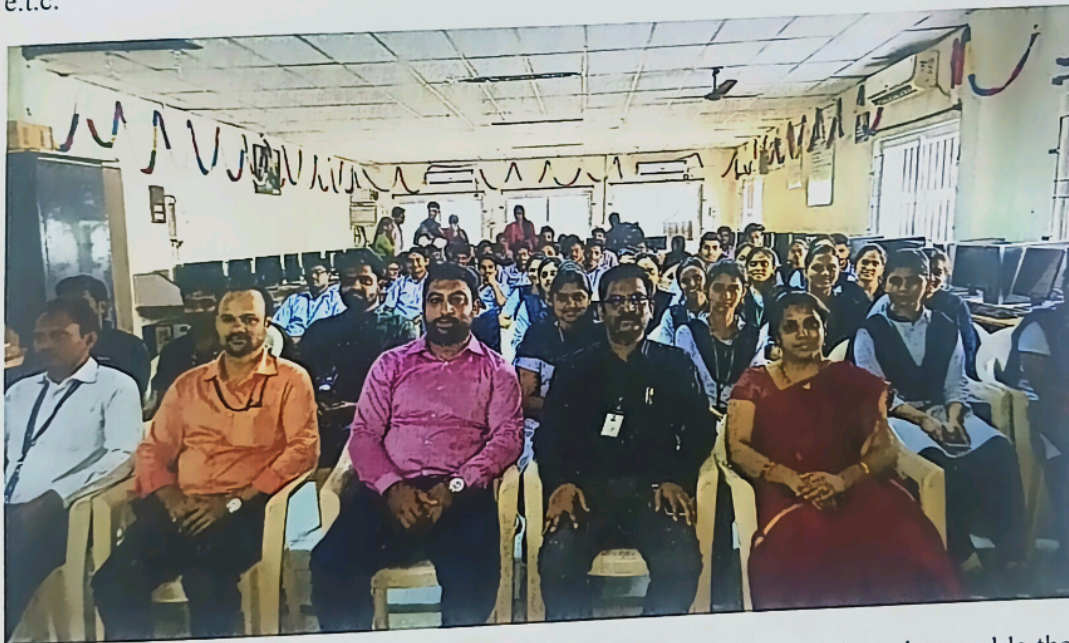
#### **Report:**

A Two Day Hands on Training Workshop on “ELECTRIC VEHICLES (2W)” is planned for third year EEE students on 27<sup>th</sup> and 28<sup>th</sup> February, 2023 by department of Electrical and Electronics Engineering in association with IEEE Vehicular Technology Society Student Chapter.

On the first day i.e. 27-02-2023, the speaker discussed about electrical vehicle manufacturing industry, how assembling of Electrical vehicle takes place. He also discussed about batteries in the Electrical vehicle and how few of them are connected in series and in parallel connection and also solution for our both technical and non-technical queries. The explained the battery life span through number of cycles of charging and discharging effect. Their also said that during the braking there will be some charge is generated by forced braking and it is stored again in battery.



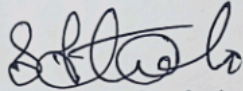
They explained students about their startup idea about charging station. For the vehicle to charge, it takes some time. The person who is travelling in the vehicle can rest over there. They build the entire thing in a ship container. If anyone wants it then they sales it. They build entire rest room with provision with T.V Connection, Bed and A.C., e.t.c.



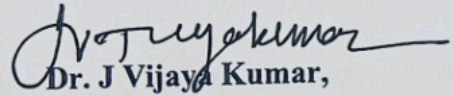
On the second day i.e., **28-02-2023**, they showed how to dissemble and assemble the electric vehicles. Then showed how they build the prototype and test it and give to customer. They also showed different steel and wood cutting machines and different

electronics tools and electronic equipments from Sensors to motors, e.t.c. When Coming to embedded Sector they showed a robotic hand which mimics the fingers movement which are received through the face cam. He interfaced robotic hand with code to make this possible. He controlled the movement of robotic hand by the input of face cam through the servo motors placed in it. Then we went to 3D Printing Sector, where we gone through the different models made by them.

Our honorable guest, Mr. K Sri Rama Krishna, Prof and Principal of ANITS have inaugurated the workshop and delivered an opening remark. Dr. J Vijay Kumar, Prof. and HOD of EEE, delivered a few words related to the workshop, he highlighted the importance and relevance of the topic in the current scenario. Mrs. D Sri Lakshmi, Asst. Prof. EEE concluded the session, where she briefly reviewed some of the main points of the session, she also proposed vote of thanks to our distinguished speakers and participants. Around 80 interested students have participated in the workshop with 15 students from colleges around.



Mrs. D Sri Lakshmi, Asst Prof  
Mr. S Harish, Asst. Prof  
Faculty Coordinators



Dr. J Vijaya Kumar,  
HoD, Dept. of EEE  
Head of the Department  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Training workshopon "ELECTRIC VEHICLES (2W)"

S:NO	Student Name	Roll Number	Signature
1.	G. Sai Soumya	320126514013	Soumya
2.	Ch. Mounika	320126514010	Mounika
3.	S. Harsha Vardhan	320126514035	S. Harsha
4.	V. Vamsi Krishna	320126514011	V. Vamsi
5.	K. Ceerthi	321126514010	K. Ceerthi
6.	M. Keerthi Reddy	320126514029	M. Keerthi Reddy
7.	Ch. Rohitha	320126514009	Ch. Rohitha
8.	S. Vysknavi	320126514038	S. Vysknavi
9.	P. Sai Sai Tejwini	320126514031	P. Tejwini
10.	K. Parvathi	320126514025	K. Parvathi
11.	M. Renuka	320126514028	M. Renuka
12.	Sk. Ali	320126514036	Sk. Ali
13.	O. Deva Ganesb	320126514040	O. Ganesb
14.	S. HARI PRAKASH	321126514012	S. Hari Prakash
15.	K. Parvathi	320126514025	K. Parvathi
16.	Ch. Kampani	320126514008	Ch. Kampani
17.	A. Shanmukha	320126514001	A. Shanmukha
18.	A. Yuva Kiran	320126514002	A. Yuva Kiran
19.	B. Haritha	320126514007	B. Haritha
20.	D. Bharu Prasad	320126514011	D. Bharu Prasad
21.	G. Yeswanth	320126514012	G. Yeswanth
22.	B. Priyanka	320126514004	B. Priyanka
23.	B. Vikas	320126514005	B. Vikas
24.	B. Hari prakash	320126514006	B. Hari prakash
25.	G. Manasa	320126514014	G. Manasa
26.	M. Krishna	321126514014	M. Krishna
27.	B. Yogendhar	321126514015	B. Yogendra
28.	J. N. Teja	321126514013	J. Teja
29.	J. Bhargav	321126514016	J. Bhargav
30.	B. Harsha Vardhan	320126514025	B. Harsha Vardhan
31.	M. Rajesh	320126514030	M. Rajesh
32.	G. Surya Vishal	321126514001	G. Surya
33.	M. Likitha Krishna	321126514006	M. Likitha
34.	Jawed Alam	321126514004	Jawed Alam

