PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)
ADB Road, Surampalem,533 437
Approved by AICTE & Permanently Affiliated to JNTUK Kakinada & Accredited by NBA & NAAC with 'A+' Grade

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

Academic Year: 2025-26 Date: 05.03.2026

CIRCULAR

It is to inform all the students of BTech II Year that the **Electric Vehicles Club (EVC)**, Department of Electrical & Electronics Engineering is organizing a session on **"The EV Technology Spectrum 2026"**to be held on **06-03-2026.**

This session will introduce the The EV Technology Spectrum 2026 brings together a series of in-depth technical presentations focused on the full spectrum of electric vehicle technology. From vehicle architecture and energy storage systems to drivetrain engineering and charging networks.
The session will be delivered by EV Club Members.

Interested students are invited to participate as per the schedule below:

- Date & Time of Event: 06.03.2026 | 3:00 PM - 4:00 PM
- Venue: MS-10(Core Block)

For further details, please contact the event coordinators.

Faculty Event Coordinator

Mrs.P.Varalakshmi,
Asst. Professor, EEE Dept

Student Event Coordinators

K.Lalitha(23A31A0208)

Y.Abhishek (23A31A0257)

III EEE DEPARTMENT
Electric Vehicles Club

Faculty Coordinator

HOD-EEE 05/3/26

Copy to:

1. Circulate among students and staff
2. Department Notice Board
3. Department File
4. Principal for Information.

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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

ELECTRIC VEHICLES CLUB REPORT

I. Club Information

- Club Name: Electric Vehicles Club (Pragati Engineering College)
- Date: 06.03.2026
- Event Name: The EV Technology Spectrum 2026
- Student Coordinator: K. Lalitha and Y.Abhishek ,III EEE
- Faculty Coordinator: Mrs.P.Varalakshmi , EEE Dept

II. Executive Summary

The Electric Vehicles Club of Pragati Engineering College conducted a technical session on "The EV Technology Spectrum 2026"on 06 March 2026.The event on Electric Vehicles (EV) and Future EV Technologies was organized to create awareness among students about the growing importance of electric mobility and sustainable transportation. The program encouraged junior students to explore new developments in the EV industry and understand how emerging technologies are shaping the future of transportation. During the event, several students actively participated and presented PowerPoint presentations on topics such as Electric Vehicles, Artificial Intelligence in EV systems, and future advancements in EV technology. The presentations helped students gain knowledge about battery technologies, smart vehicle systems, and environmentally friendly transportation solutions. .

III. Concept of a The EV Technology Spectrum 2026.

The session started with an introduction to the idea of an electrical engineering vehicle (EV) transport system, explaining the concept of a Future Scope of Electric Vehicles (From Students' Perspective) Electric Vehicles have a very promising future as the world is moving towards clean energy and sustainable development. Students who participated in the event explored different aspects of EV technology and its future possibilities.With the integration of Artificial Intelligence, smart battery management systems, autonomous driving technologies, and renewable energy, EVs are expected to become more efficient, affordable, and widely used. Many countries are encouraging the adoption of EVs to reduce pollution and dependence on fossil fuels.

IV. Future Scope For Electrical and Electronics Engineering.

The event emphasized the overview on the growth of elecrical and electronics engineering such as :

Wireless charging technology has a wide future scope in electric vehicles. Advancements in coil design and power electronics will improve charging efficiency. Dynamic wireless charging roads can allow vehicles to charge while moving. This technology will strongly support autonomous and smart electric vehicles. Integration with smart grids and renewable energy sources will increase sustainability. In the future, wireless charging may become a standard feature in electric transportation systems.

V. Advantages of Ev Technology Spectrum.

Despite growth, several challenges exist:

High Convenience: No need to plug or unplug cables during charging.

Improved Safety: Reduces electric shock and sparking risks.

Low Maintenance: No physical connectors, so less wear and tear.

Weather Resistant: Works safely in rain, dust, and outdoor conditions.

Supports Automation: Suitable for autonomous and smart electric vehicles.

VI. Conclusion

This report discussed the importance and working of Electric Vehicles and Future EV Technologies successfully conducted with enthusiastic participation from junior students. The presentations w informative and highlighted the importance of EV technology in building a sustainable future. Stude gained valuable knowledge about modern automotive innovations and the role of artificial intelligenc improving EV performance and safety. The event also enhanced students' communication, research, presentation skills. Overall, the event was a great learning experience that inspired students to exp advanced technologies and contribute to the future development of electric mobilit

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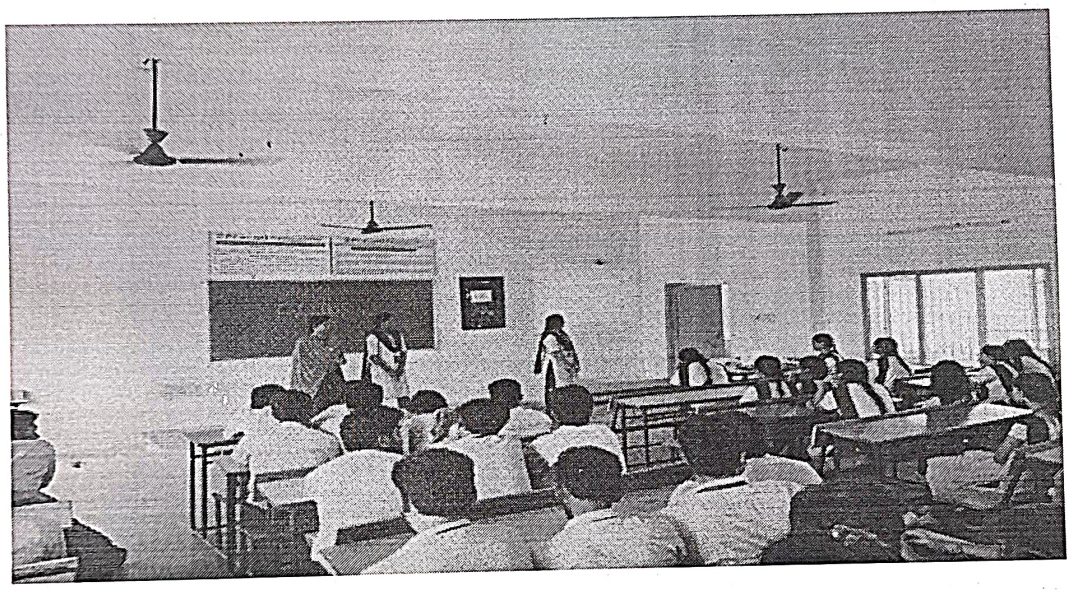
PHOTOS



PRAGATI ENGINEERING COLLEGE: SURAMPALEM

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CLUB NAME: EV club.

EVENT NAME: "The EV Technology Spectrum"

S.NO	ROLL NUMBER	STUDENT NAME	SIGNATURE
1.	24A31A0219	V. Lasya Sanjana	V. Lasya
2.	24A31A0214	P. Rohitha	Rohitha
3.	24A31A0204	ch. Mohana	Mohana
4.	24A31A0210	k. Vijaya Kumari	Vijaya
5.	24A31A0212	p. Varshitha	Varshita
6.	24A31A0216	S. Geethanjali	Geetha
7.	24A31A0218	V. Suma	Suma.
8.	24A31A0213	P. Bhanu Sri	P. Bhanu Sri
9.	24A31A0202	B. Hima Sahitya	B. H. Sahitya
10.	24A31A0201	A. Preethi	Preethi
11.	24A31A0206	G. Anusri	G. Anusri
12.	24A31A0208	J. Komali	J. Komali
13.	24A31A0209	K. Satya Raja	Satya.
14.	24A31A0205	Ch. Lakshmi Sri	Lakshmi
15.	24A31A0215	P. Satya Sri Lakshmi	Satya
16.	25A35A0201	P. keerthana	Keerthana
17.	24A31A0207	Keerthi Inala	Keerthi inala
18	24A31A0255	R. Tanmay	R. Tanmay
19	24A31A0244	N. Vijay Kumar	N. Vijay
20	24A31A0229	D. Veera Babu	D. Veera babu
21	24A31A0223	B. Anil Kumar	B. Anil
22.	24A31A0234	J. Avinash	J. Avinash
23.	24A31A0253	V. Shyam	
24	24A31A0227	B. Praveen.	B.
25.	24A31A0237	K S Vijaydeep	K S
26.	24A31A0228	D. Sai Parantejesh.	D. S. P. Tejesh.
27.	24A31A0246	N. Pavan	

PRAGATI ENGINEERING COLLEGE: SURAMPALEM

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CLUB NAME: EV Clubs **D:** 6/3/26

EVENT NAME: "The Ev technology spectrum"

S.NO	ROLL NUMBER	STUDENT NAME	SIGNATURE
28.	24A31A0242	R. Sravan	Sravan
29.	24A31A0251	P. Suyatija	P. Suyatija
30.	24A31A0260	Y. Teja	Teja
31.	24A31A0252	P. Hemanth	P. Hemanth
32	24A31A0241	K.S.S.N.G.S Yisurya	K.S.S.N.G.S. Suryya
33	24A31A0239	K.K.S.S.V Raju	K Raju
34	24A31A0247	N. Santosh	N.J.S. Santosh
35	24A31A0259	V.N.S.S. Kundan	V.N.S.S. Kundan
36	24A31A0221	B. Roopchand	B.
37.	24A31A0244	M. Rajkumar	
38	25A35A0209	V. Vijay Kumar	V. Vijay Kumar
39	25A35A0207	R.N.D. Shankar	R. Shankar
40	25A35A0208	S. Rajgopal varma	S. Rajgopalvarma
41	25A35A0204	K Lokesh	K Lokesh
42	25A35A0205	N. Raja	N. raja
43	24A31A0249	P. Seeru	P. Seeru
44	24A31A0256	S. Abhishek	S. Abhishek
45	24A31A0224	B. Durgesh	B. Durgesh
46	24A31A0245	N. Vinay Venkata Reddy	N. Vinay
47	24A31A0233	T.S. Mouli	T.S. Mouli
48	24A31A0232	G. Vishnadh	G. Vishnadh
49	24A31A0237	S. Jagan	S. Jagan
50	24A31A0231	G. Bhargav Sai	G. Bhargav Sai
51	24A31A0250	P. Abhishek Kumar	P. Abhishek Kumar
52	24A31A0230	D. Loshith	D. Loshith
53	25A35A0203	K. Navadwar	K. Navadwar
54	24A31A0225	B. Sailokesh	B. Sailokesh

PRAGATI ENGINEERING COLLEGE: SURAMPALEM

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CLUB NAME: Ev club.

EVENT NAME: "The Ev technology spectrum"

1. This session was really amazing. We learnt many new things from each and every PPT presented. From History of EVs to the applications & modern technology, everything was informative.

2. The overall session is good

3. The session is very good every participant presented the PPT very well.

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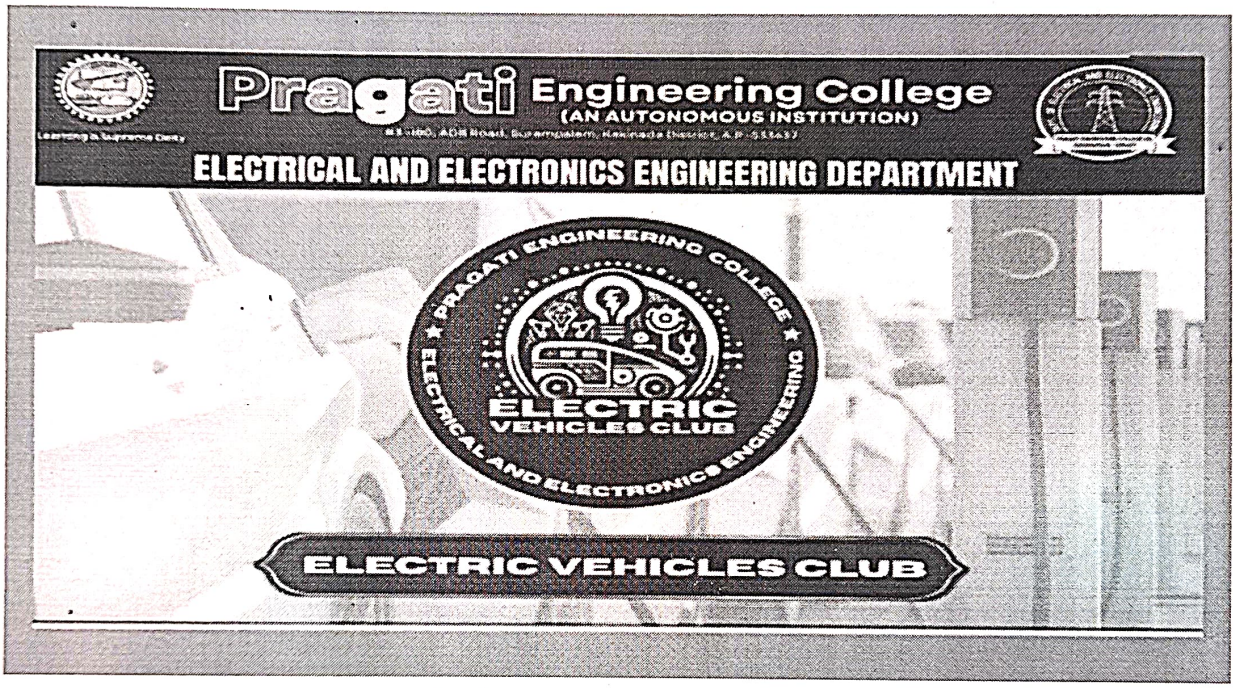

Faculty Coordinator

IQAC Coordinator

HOD - EEE