



Organized by
CSRM

ELECTRIC KART VEHICLE CHAMPIONSHIP

2024

“Thrive for Eco Racing”



Event Information Document

ABOUT EVENT

“Thrive for Eco Racing”

EKVC (Electric Kart Vehicle Championship) is another student development initiative of the veterans of SEVC encouraging young students across India to create their own electric karts. Karting always involves the advent of thrill and essence of racing allowing students to experiment and learn the art of motorsports and aerodynamic designing. EKVC also focuses on teamwork by the collaboration of multi-disciplinary students to accomplish the task of vehicle design & manufacturing.

EKVC is a one-year activity in which students register as a team, design their dream kart virtually, get mentoring support, improvise their design, involve in market survey and procurement of parts, fabricate, perform testing, and then bring it to the 5-day dynamic event for competing with the other e-karts across the country.

“What’s behind you doesn’t matter”.

– Enzo Ferrari



OBJECTIVES

The competition's goal is to promote "Thrive for Eco Racing". The vehicle must be aerodynamic, highly engineered, safe and ergonomically suited for this purpose. The primary objective of this competition is to foster engineering applicants' excitement and passion for alternative energy sources. This event promotes the development of a clean and green society. Teams can consider themselves as employees of a fictitious company that aims at producing and selling Electric Vehicles. As a result, the design must be commercially viable as a market product and appealing to consumers in terms of aesthetic appearance, performance, reliability, and ease of use.

"We will not stop until every car on the road is electric".

– Elon Musk





VISION

- Educate, impart knowledge and create a multi-dimensional thinking for students to develop innovative concepts and make them excel in their domain.
- To establish an eco-friendly means of transportation by the incorporation of future concept electric vehicles.



MISSION

- Conduct events with innovative concepts satisfying society needs. Make them learn through practical approach. Create Opportunity for students to get placed in their desired fields.
- To train and equip students with industrial level technical knowledge making them sound professionals enabling them to contribute to the development of our nation.



ABOUT US

“Creating Green Mobility”

The Electric Kart Vehicle Championship (EKVC) is conducted by the society named as **Coimbatore Society of Racing Minds (CSRM)**.

Coimbatore Society of Racing Minds (CSRM)

CSRM is the organizing society of EKVC registered under the Tamil Nadu Societies Registration Act, 1975. The members of the society are professionals from various industries, educational institutions, entrepreneurs, and students. The members of CSRM work together with a common vision of educating students to become technically strong and professionally efficient. EKVC is conducted by CSRM to provide a platform for students to build their karts and experiment with their vehicle design in a competition and compete in a race with other student teams. This improves the practical knowledge of the students. CSRM also conducts numerous workshops, FDPs, and lectures across several colleges in India as a part of our knowledge transfer initiative thereby providing students an industrial exposure and making them industry-ready.

CSRM



GENERAL GUIDELINES

EKVC Event focuses on providing a platform for vehicle designing under a well-monitored structure.

The following are the guidelines:

a) Event Timeline:

S.No	Description	Tentative Timeline
1	Event Launch	Jan 01, 2024
2	Start of Registration	Jan 01, 2024
3	Release of Technical Rulebook	Jan 01, 2024
4	Trending Team	Jan 01, 2024- Mar 01, 2024
5	Virtual Event Report Submission	Jan 22, 2024
6	Virtual Round	Jan 27, 2024 – Feb 04, 2024
7	Event Report Submission	Mar 08, 2024
8	Vehicle Readiness Video Submission	Mar 15, 2024
9	Vehicle college level Inspection	Mar 16, 2024 – Mar 18, 2024
10	Dynamic Event	Mar 27, 2024 – Mar 31, 2024

**** The above-mentioned dates are tentative and subjected to change. ****



b) Team Requirements:

Team Size		
Team Members	5 [Minimum]	35 [Maximum] (Inclusive of female Participants)
Faculty Advisor	1 [Maximum]	

- Teams registering for the ELECTRIC KART VEHICLE CHAMPIONSHIP (EKVC) must have a *Team Name* and *Team Captain*.
- There is no limit on the number of teams that can participate from one college/University. But the team’s name, logo, Captain, Vice-Captain, and Faculty advisor should be exclusively separate for each team.
- Teams can have a maximum of 35 members including female participants.
- Teams are encouraged to choose members from various engineering disciplines like Mechanical, Electrical, Electronics, Instrumentation, etc., as building an electric vehicle requires the support of several departments.



c) Eligibility:

- Students pursuing an undergraduate program in any engineering discipline at any registered College/University can form a team to participate in EKVC.
- Team must have Two drivers with a valid government-issued 4W (Four-Wheeler) driving license.
- Each team member and faculty advisor are advised to complete the **Covid vaccination, both 1st and 2nd dose, by the time of the dynamic event.**

d) Registration Procedure:

I. Details filling

- Teams shall do their initial registration through the link on our official website and are requested to follow the procedure mentioned in our registration guidelines document.

[SEVC](#)

- It is mandatory to have an official team email ID to register for the event. Personal student or faculty mail ID will not be considered valid.
- After initial registration, teams will receive a confirmation mail from our registration committee. For further updates, check your team mail frequently.



II. Fee Structure

- Total registration fee for EKVC - 2024 is ₹ 35,400/-
- Fee payment stages

Phase	SEVC Registered Teams (₹)	New Teams (₹)
1	5,000 + GST = 5,900	5,000 + GST = 5,900
2	20,000 + GST = 23,600	25,000 + GST = 29,500
Total	25,000 + GST = 29,500	30,000 + GST = 35,400

- Teams can also pay the entire registration fee as a single payment if they are comfortable with it.
- Teams registering from colleges which have already registered SEVC teams are provided a concession of ₹5900/- including GST.

III. Registration fee payment and Confirmation

- Teams are requested to pay the phase registration on their log-in page.
- Teams must upload a copy of the payment proof, on the payment page itself.
- Confirmation mail will be sent after the verification of payment.



IV. Contact Us

Registration	<div>+91-8148093826</div> <div>+91-8122711010</div>	<div>ekvcevent@gmail.com</div>
Queries		
Technical support		
Reports		

Keep in touch with us for regular updates!!!!



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