

REVA

Solar Electric Vehical Team t

BUSINESS BROCHURE

2024



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About Us

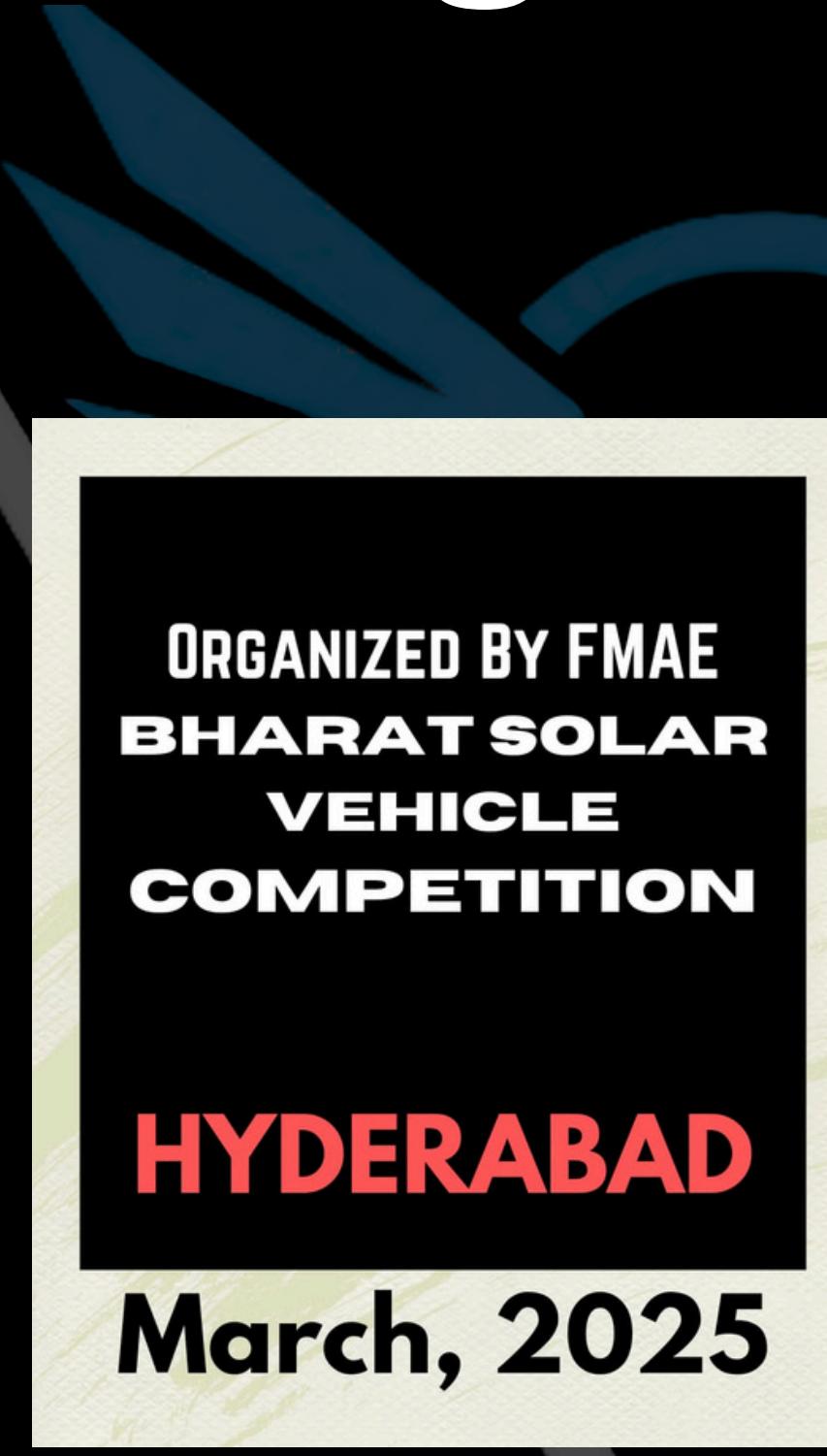
“Racing towards a sustainable future, one ray at a time.”

- We are a group of **relentless engineering students** dedicated to making advancements in the field of sustainable transportation.
- We belong from various departments of Vellore Institute of Technology,Chennai.
- We are working hard to showcase our engineering prowess on a global stage.
- Our multidisciplinary team brings together expertise in engineering, design and sustainable technologies.
- Through collaboration and ingenuity, we are dedicated to pushing the boundaries of conventional automotive design to pave the way for a greener future.

Goals

- We are rigorously preparing for **ESVC(Electric Solar Vehicle Championship)** and similar competitions like **BSVC(Bharat Solar Vehicle Championship)** to refine our design and strategies, along with showcasing our innovation, teamwork and technical prowess on a national level.
- Looking beyond national competitions, our aspirations extend to the notably renowned **World Solar Challenge** held in **Australia**. This epic endurance race spanning 3000 Kilometres presents an unparalleled opportunity to demonstrate the efficiency and reliability of our solar vehicle.
- Beyond the realm of competition, our team is deeply committed to a larger mission of **spreading awareness about renewable energy** and its transforming potential in the industry. By fostering an inclusive community, we strive to catalyse positive change for the future.

Upcoming championships



The Electric Solar Vehicle Championship (ESVC)

The Electric Solar Vehicle Championship (ESVC) represents a Premier Asian platform for innovation in sustainable transportation. Organized by the Imperial Society of Innovative Engineers (ISIE), this competition fosters the development of future engineers by challenging them to design, build, and race solar-powered electric vehicles. The focus lies on creating ergonomically designed, lightweight, and dynamically stable vehicles that harness solar energy for propulsion, all while maintaining an enjoyable driving experience.

Bharat Solar Vehicle Challenge (BSVC)

The Fraternity of Mechanical and Automotive Engineers (FMAE) in India organizes the Bharat Solar Vehicle Challenge (BSVC), a competition specifically designed for engineering students. This competition tests abilities in designing and building solar-powered vehicles according to a comprehensive rulebook. BSVC serves as a platform for the young minds to showcase their talent and contribute to the development of solar energy technology, a field with immense future potential. FMAE hopes to inspire students through the BSVC and provide them with the opportunity to design highly efficient solar cars that meet international standards. The event generates industry partnerships across energy, automotive, engineering, financial, material sciences, and IT sectors.

Bridgestone World Solar Challenge (WSC)

The [World solar challenge](#) (WSC), since 2013 named [Bridgestone World Solar Challenge](#), is an international event for solar powered cars driving [3000 kilometers](#) through the Australian outback. The world solar challenge is typically held every two years. The course is over 3022 kilometer or through the [Australia outback](#), from [Darwin, Northern Territory](#), to [Adelaide, South Australia](#).

SASOL Solar Challenge

The Sasol Solar Challenge is a premier biennial event held in South Africa, showcasing innovative solar-powered vehicles designed and built by teams from across the globe. The challenge spans over [2,500 kilometers](#), starting in [Johannesburg](#) and [concluding in Cape Town](#), with teams strategizing their routes to maximize energy efficiency and distance covered. The event not only fosters innovation in solar energy solutions but also raises awareness about the importance of clean energy in combating climate change.

Departments

Management

Powetrain

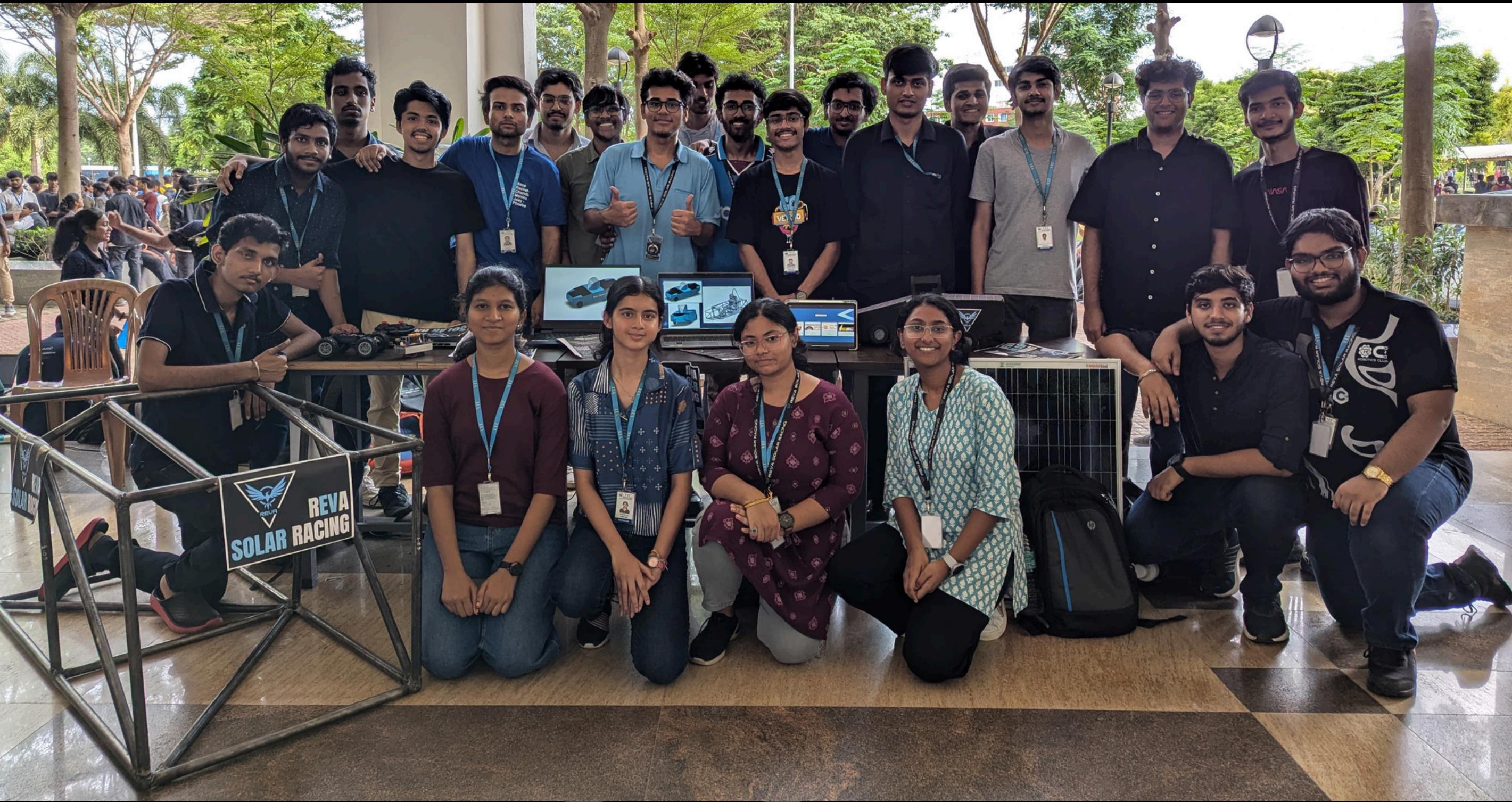
EEE

Chassis

Vehicle Dynamics

Brakes

Our Team



What we are Making

Mono-perc Solar panels for maximum efficiency

High- efficiency Motor, for enhanced performance

Lithium Battery Chemistries for maximum energy density

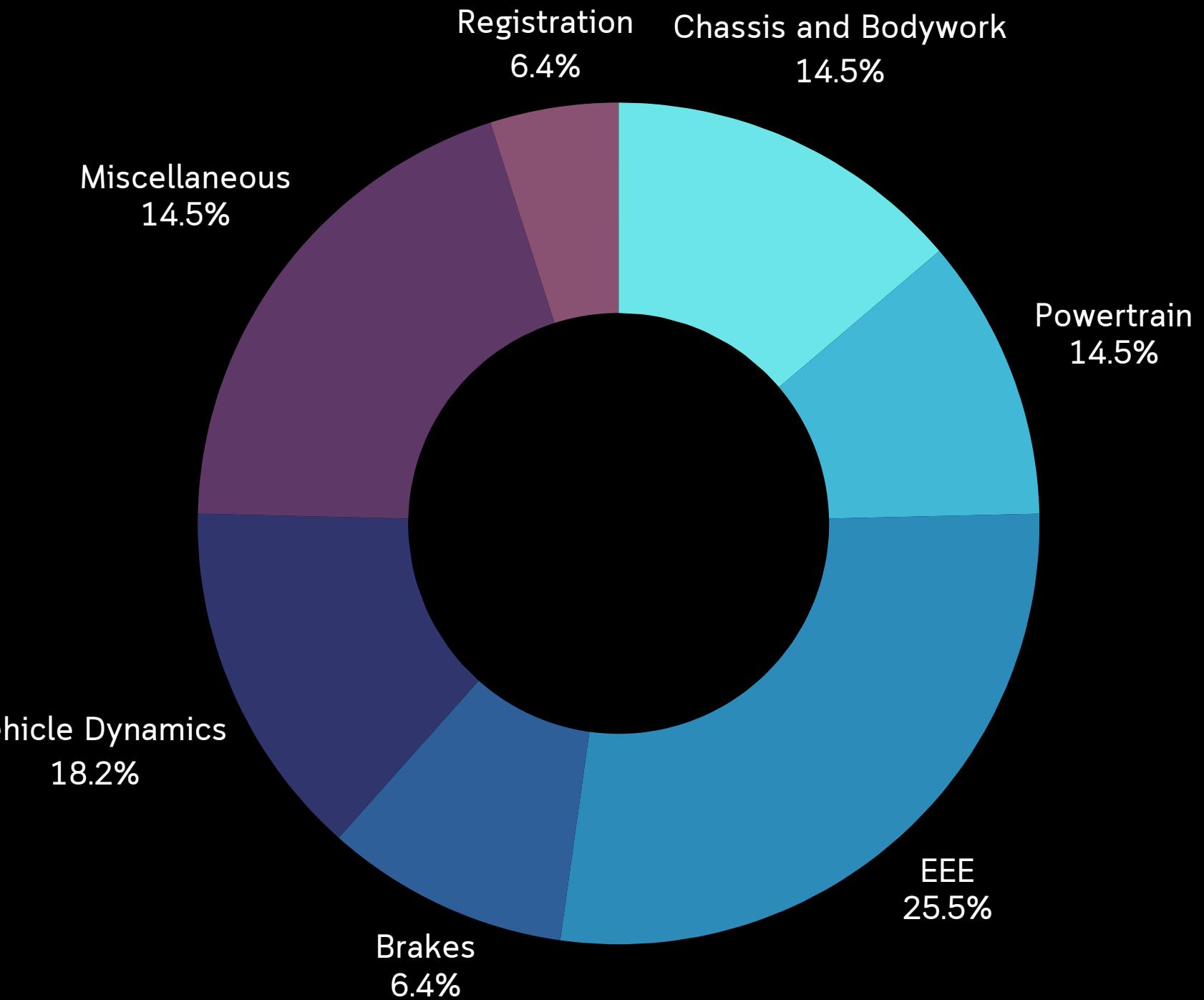


Fiber-Glass Body

12 inch alloy wheels

Budget Breakdown for ESVC 2025

Department	Budget
Chassis and Bodywork	80,000/-
Powertrain	80,000/-
EEE	140000/-
Brakes	35,000/-
Vehicle Dynamics	1,00,000/-
Registration Fee	35,000/-
Miscellaneous (Shipping, Safety Measures, Other expenses)	80,000/-



Total Budget:
5.5 Lakhs

Why Sponsor Us...

By partnering with our student solar electric vehicle team, you're not just investing in a competition machine, you're investing in the future. This sponsorship is a chance to directly associate your brand with innovation, not only gaining recognition but also fostering a loyal customer base who shares your commitment to a greener tomorrow.

- Your logo will be prominently featured in our car body, merchandise, t-shirts and social media handles.
- Access to a community of 1000+ young engineers and motorsport enthusiasts, who align with your target demographic.
- A test ride of our car.
- By sponsoring us, you are investing in research and development of solar cars, and contributing to the corporate responsibility of combating climate change and incentivising a greener future.

Regions for Sponsor Logo Placements



SPONSORSHIP LEVELS

SILVER

Rs. 0-10k

- Logo on all REVA merchandise, car front side, including the full team customised tshirt.
- Website presence on page.
- Social media sponsorship post. Personalised company
- introduction in full team meet.

PLATINUM

20k and above

All benefits of GOLD

- Logo on car on cockpit side, most prominently visible.
- Website presence on home page.
- Website blog post.
- Promotion in VIT corporate and alumni events and CSR activities.
- Dedicated interview or profile in the team's promotional material.

GOLD

10k - 20k/- only

All benefits of SILVER

- Logo on car side clearly visible.
- Logo on publications and research reports. Presence in ESVC videos, banners and presentations, also in all other events we participate.
- Dedicated videos, in our social media handles.
- Logo placement in every social media post.

***The prices are either in cash or the equivalent values of goods in kind.**

Our Sponsors

PLATINUM TIER

**METRO ELECTRICALS
& INDUSTRIAL AGENCIES**

SILVER TIER

Ansys



Solidworks



GOLD TIER

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