



VCET SOLECTHON

VCET SOLECTHON 5.0



SPONSORSHIP
BROCHURE
2021-22



ABOUT VCET:

Vidyavardhini's college of engineering and technology, located in Vasai, is a sprawling campus of Vidyavardhini's spreading over an area of 12.27 acres. It was established in July 1994, with AICTE approval and NAAC accreditation, it is affiliated to the university of Mumbai for a four year degree program for bachelor of engineering. It is located on KT marg Vasai, just 2 minutes away from the station.



TEAM VCET SOLECTHON:

Team VCET Solecthon established in September 2017, Team Solecthon became VCET's very first official Solar-electric Vehicle team. Over the last couple of years, the popularity of unconventional sources of fuel, and their applications in the field of mobility has been a subject of interest of many engineers and students from across the globe. We, at Team SOLECTHON, aim to turn this concept into a reality and present our very own automobile venture, which will potentially be able to face the mobility challenges of modern India. We design, manufacture and build our solar electric cars and participate and competes in Electric Solar Vehicle Championship(Asia Level) and National Solar Vehicle Challenge(National Level) competitions.



The success of the team is based on to encourage the students about knowledge sharing, communication among the members of the team and with the outside world.



OUR TEAM'S VISION :

The main objective of the team is to apply the engineering concepts which student learn in the curriculum to an actual project, through this platform we aim to provide the exposure to learn beyond the syllabus.



OUR TEAM'S MISSION :

- To build highly efficient solar-powered electric vehicle by inculcating the latest designs innovations.
- To develop an autonomous solar electric car.
- To inculcate the importance of solar energy for the electric vehicle.



ABOUT ISIE-ESVC :

ISIE-ESVC is not just a motor sport. It is a mission to promote the awareness and skill about the e-mobility and solar energy amongst the youth. ISIE-ESVC provides various platform/opportunity to showcase their skill, innovation, research and manufactured vehicle at National and International level. ISIE-ESVC provides opportunity to team's to advance their achievements and helps them to build their career in the interested field. Electric Solar Vehicle Championship (ESVC) is Asia's largest solar event which was started in year 2013. The basic objective is to raise awareness among future generation of engineers about renewable energy recourses and push them for development in this area.

Vehicle built by Student/Faculty/Professional as per Adventure and professional class regulation must meet the strict specification of the Rule book. The teams participating must design and manufacture vehicles which are ergonomically sound, dynamically stable, light in weight and solar powered, along with all these they are fun to drive at the same time.



ABOUT NSVC :

Since 2016 NSVC of India had created revolution by enhancing the level of Engineering in development of solar car. The 5 th edition, the National Solar Vehicle Challenge® 2021 of India was focused on developing solar powered electric car which can operated in closed campus and further commercial purpose. NSVC® INDIA aims to raise awareness among upcoming Engineers, Industrialists and the public regarding advancing the sustainable vehicle technology efficiency in the automobile industry.

The competition challenge teams of students, universities, industrialists and sponsors and to bring them together at one platform, in order to detect the most promising young talents and the most innovative ideas and support their development. Official host Dynamist Motorsports extends a very warm welcome to all teams competing in the Challenge®.



- ✓ The Vision of National Solar Vehicle Challenge is to stir the minds of young technocrats to work towards sustainable model of solar powered electric car.
- ✓ Dynamist motorsports continuously engaged in developing Platform to face solve real life system
- ✓ Dynamist Motorsports the organising board of NSVC INDIA targets to make ways of Indian EV STARTUP by developing advance platform.



ABOUT ESVC-3000:

The ESVC 3000 aims to build commercial level vehicle, which can be safely run on the public road. The ESVC 3000 is a part of prestigious chain of solar vehicle challenge conducted globally. In this event, A team will design and construct a solar car under Adventure class (Single Seated) or Professional Class (Multi seated) as per the technical specification and driving it north to south region of India in accordance with the regulations mentioned in this document.

EVENT OUTCOMES:

- 1.Electric Mobility Mission 2030 : The Event will impact on 7+ Crore people / audiences over E-Mobility and Solar Energy. It'll be biggest platform to promote and accomplish Electric Mobility Mission
- 2.Highly Skilled Engineer : The Event itself became platform to produce highly Skilled Engineer for Industry. The Beneficiary will be youths of India, Industry and society. The Event will encourage youths of India for Entrepreneurship, Start-ups and Mobility Solutions.
- 3.Pollution Free Vehicle : The Event will generate huge faith, attraction and attention towards pollution free vehicle, Solar Energy and other products.



OUR ACHIEVEMENTS AND FUTURE PLANS :

NSVC 2020 :

We with a clear vision, hard work, plan and its commendable execution, we built two vehicles simultaneously and did not just win(AIR 1) the event but our second vehicle secured 3rd rank all over India. We came home with two big titles and 6 trophies from NSVC.

VCET Solecthon (3.0)

- *1st In Acceleration*
- *1st In Solar Endurance*
- *1st In Final Endurance*
- *2nd In Design*
- *2nd In Innovation*
- *3rd In Autocross B*
- *4th In TI*
- *4th In Weight Test*
- *5th In B-plan*
- *5th In Autocross A*
- *7th In Brake Test*

ALL OVER RANK 1ST



VS Pratibimb (2.2)

- *2nd In Acceleration*
- *2nd In Weight Test*
- *3rd In Autocross A*
- *3rd In Final Endurance*
- *4th In Autocross B*
- *6th In Solar Endurance*
- *9th In Design*
- *10th In TI*
- *10th In Brake Test*
- *10th In B Plan*

ALL OVER RANK 3RD





NSVC 2019

- *2nd in Technical inspection*
- *3rd in Design*
- *3rd in Acceleration test*
- *5th in Business Presentation*
- *5th in Break test*
- *7th in Endurance*

ALL OVER INDIA RANK

7th

ESVC 2019

- *Runner-up in Hill Climb*
- *3rd in Off Roading*
- *4th in Cross Pad*
- *4th in Weight*
- *11th in Business Presentation*
- *11th in Design*
- *11th in Virtual Round*



**ALL OVER INDIA RANK
3RD OUT OF 68 TEAMS**



NSVC 2018 :



- 23rd in virtual round
- 10th in Maharashtra
- Best driver award winner
- 3rd rank in National Level Project Showcase.

ALL OVER INDIA RANK 19TH

FUTURE PLANS:

This year we are planning to participate in ESVC 3000 , a 1600+ km rally from Chandigarh to Pune.



Your Chance To Become A Part Of Our Team And Contribute Towards Clean Energy

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We have perks to offer for our sponsors as well. Since the BSC and ESVC are National and Asia level competitions respectively, we have a huge platform to exhibit our supporters and display their logo and/or speak about their services/products.

Providing us with financial support will help us build a better vehicle, and aid our manufacturing.

We distribute sponsorships in the mentioned categories:

1. DIRECT FINANCIAL ASSISTANCE: Provide us with a particular amount can be very useful for us as it helps us to carry out our technical/ non-technical activities without delays.

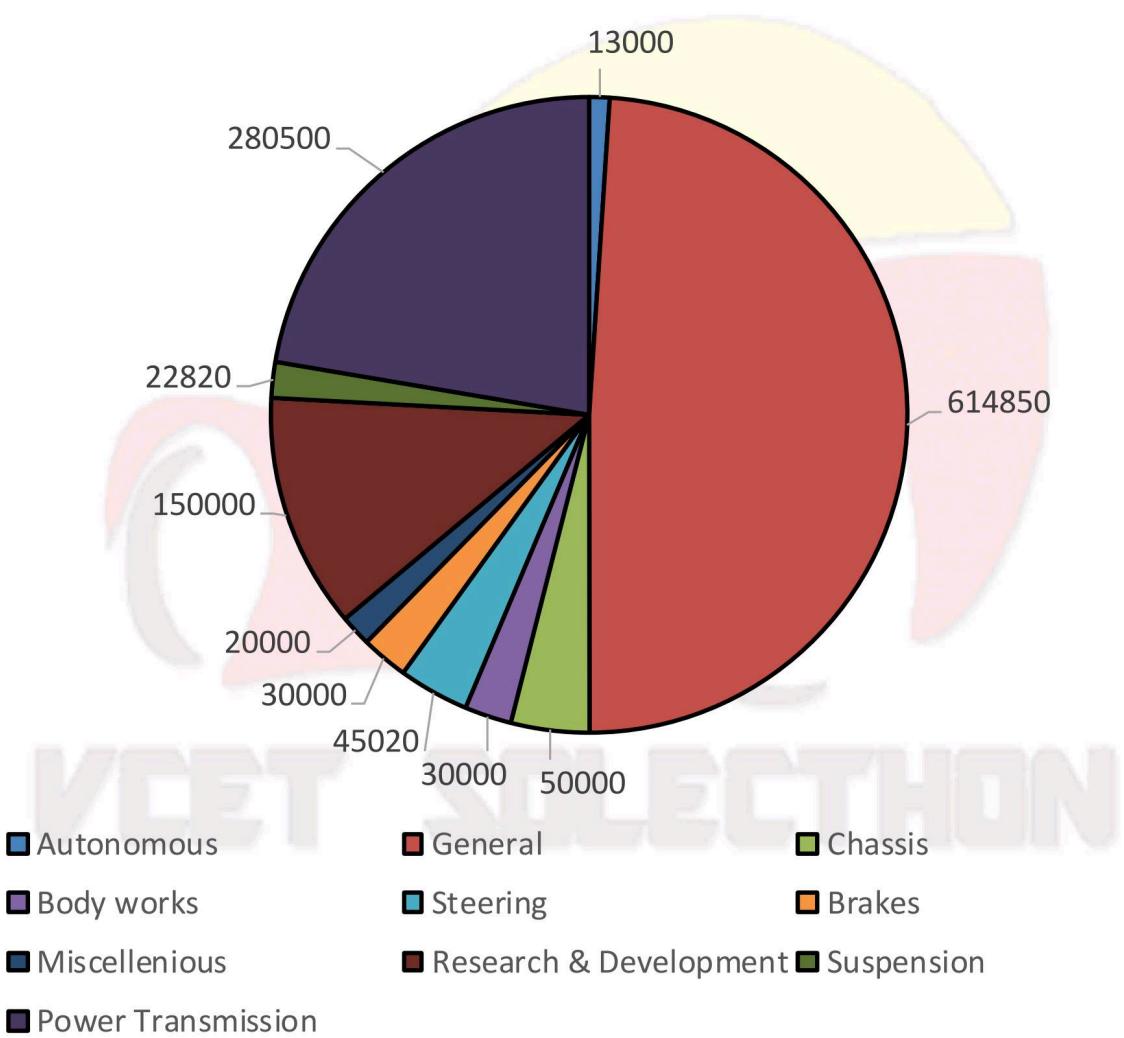
2. PROVIDING SERVICES: Providing us with any services/ products such as transport, manufacturing processes, assistance in the design and analysis, making our merchandise etc.



EXPENDITURE ANALYSIS AND SPONSORSHIP HIERARCHY:

This section explains how we plan to use the valued resources provided to us by our sponsors

Cost Split



The total estimated costs for both the events sums up to approximately
Rs.1106190/-



SPONSORSHIP HIERARCHY:

	TITLE Rs.4,50,000	POWERED BY Rs.3,25,000	IN ASSOCIATION WITH Rs.2,20,000/-	CO- SPONSORED BY Rs.1,20,000/-	Sustainable Supporter Rs.60,000/-
LOGO ON THE HELMET	YES	-	-	-	-
LOGO ON THE FRONT OF EVENT T-SHIRTS	YES	-	-	-	-
PRESS RELEASE	YES	YES	-	-	-
SPECIAL MENTION IN VIDEOS	YES	YES	-	-	-
LOGO ON BANNERS	YES	YES	YES	-	-
FINAL REPORT MENTION	YES	YES	YES	-	-
LOGO ON THE BACK OF EVENT T-SHIRTS	YES	YES	YES	YES	-
LOGO ON THE CAR	YES	YES	YES	YES	YES
ONLINE PROMOTIONS	YES	YES	YES	YES	YES
WEBSITE PRESENCE	YES	YES	YES	YES	YES



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