



Finolex Academy of Management & Technology, Ratnagiri

TEAM SAURVEG Secured 5th Rank in Country's First Edition of National Solar Vehicle Challenge 2016-17

CAPTAIN: ASHISH SAWANT

FACULTY FACILITATORS:

Dr. Kaushal Prasad
Prof. S. S. Malusare
Prof. Rushikesh Rasal



NSVC 2016-17 organised by Dynamist Motorsports, New Delhi invites students to design single person, light weight, high efficiency electrical vehicle with three or four pneumatic tires. The vision of NSVC is to stir the minds of young technocrats to make way for India to become the largest renewable energy hub in the world by increasing public awareness and understanding efficient alternative electric vehicles and related technologies.

Team Saurveg secured 5th place in country's first edition of National Solar Vehicle Challenge out of 69 teams and grabbed the best innovation prize and the lightest vehicle award and a total prize money of Rs.25000/-

Rounds and position:

There were two rounds of competition:

- Virtual Round
- Dynamic event.

Total 69 teams participated all across the country for the virtual round of NSVC 2016-17 which was held at IIT Bhubaneswar. Team Saurveg with its solex 1.0 designs and presentation skills secured 6th position in virtual round.

The dynamic event of NSVC 2016-17 was held from 21st to 24th March 2017, at Ganpat University Kherva, Gujarat. The dynamic round comprised of two types of events static events and dynamic events.

The static events comprised of:

1. *Technical Inspection*
2. *Business and Cost presentation*
3. *Innovation Presentation*

The Dynamic Events comprised of:

1. *Acceleration and braking test*
2. *Drag race*
3. *Autocross A*
4. *Autocross B*
5. *Solar Endurance*
6. *Final Endurance*

Overall performance of vehicle:

Team Saurveg completed all of its events in its first attempt itself. With two prizes in hand for lightest vehicle and the best innovation at the end, Team Saurveg with Solex 1.0 ended its term in NSVC 2016-17 with 5th rank out of 69 teams. Our team will strive harder with solex 2.0 for better performance next year. The overall performance score sheet is as follows:

Some of the glimpses of the National Solar Vehicle Challenge 2016-17





Prizes: Best innovation and lightest vehicle awards with cash prize of Rs. 25,000/-



Team Saurveg:

SR. NO.	TEAM MEMBERS	DEPARTMENT
01	ASHISH SAWANT (CAPTAIN)	MECHANICAL
02	SHUBHAM SHELAR	MECHANICAL
03	ADITYA RANE	MECHANICAL
04	DEV DATT BAKSHI	MECHANICAL
05	VAIBHAV ZORE	MECHANICAL
06	RAHUL YADAV	MECHANICAL
08	KEYUR PATIL	MECHANICAL
09	NIHAL NHIVEKAR	MECHANICAL
10	PRASAD PALKAR	MECHANICAL
11	RAJAT POWADE	MECHANICAL
12	ASHUTOSH RANE	MECHANICAL
13	SIDDESH SAKPAL	MECHANICAL
14	SANKET SAKPAL	MECHANICAL
15	VRUSHABH RAWOOL	MECHANICAL
16	SIDDESH CHOWKEKAR	MECHANICAL
17	SAKSHI SANSARE	MECHANICAL

18	SAIPRASAD PARAB	MECHANICAL
19	JEET UPALEKAR	MECHANICAL
20	DADASO PAWAR	MECHANICAL
21	MANDAR KHANOLKAR	ELECTRICAL
22	PRASAD NAIK	ELECTRONICS
23	RUSHIKESH WALKE	ELECTRONICS
24	TUSHAR TALKATKAR	ELECTRICAL