

## Highlights of Go Karting Activities

### SAE India Collegiate Club :

SAE India western section recognizes Department of Mechanical Engineering of B.V.C.O.E. Lavale with SAE India Collegiate Club in year 2015-16. In continuation for 3 year Department of Mechanical Engineering aimed to form SAE India Chapter in next year with senior faculty advisor as Prof. Nilesh Raut and additional faculty advisor as Prof. Shridhar Tambde. Under the guidance of Prof. Nilesh Raut students have participate in various event details of which is given below :

Have participated in the Year **2020** :

### Go kart Activity Report February-2020

Sr.No	Name of the Event	Date	Team Strength	Competition Key Remark	Venue
1	Auto India Racing Championship (AIRC)	06/02/2020 to 09/02/2020	15	Qualify four rounds.Team won <b>I runner prize</b> in social media category with cash prize of Rs 5000/-	AjinkyaD.Y.PatilUniveristyLohagaon,Pune
2	Students Kart Design Challenge (SKDC)	25/02/2020 to 28/02/2020	13	Qualify All Rounds and won <b>Autocross Runner-up Prize</b> with Trophy and Appreciation Letter from Organizing Authority to Faculty Advisor.	Gokart Racing Track, Hydrabad.

Go kart Team Abhyudaya of Department of Mechanical Engineering has participated in two events in February 2020. They have successfully completed all the rounds and won prizes in AIRC and SKDC event. Team members have shown their potential in both statics and Dynamics Event. Judges have praised team members for their work in Design and Fabrication of the kart. Details of the Participation is as given below.

Have participated in the Year **2017,2018** :

1. Zeal drag National level Go-karting event with 15 student members bag 13<sup>th</sup> spot in virtual round in feb 2015 costing 1,25,000 Rs for fabrication of first Go-Kart of BVCOE, Lavale with 50% sponsorship by Mechanical Department and rest from students sponsorship .

2. **Baja 2018** which is an intercollegiate design competition run by the Society of Automotive Engineers (SAE) where Teams of students from universities all over the country do design and build small off-road cars. We have participated for the first time with 15 members and obtained 124 marks out of 200 in first attempt which was held in **Chandigarh, Punjab**.

3. With this hardwork and dedication; our students participated in three different Go-karting event of International Karting Championship within a month which held at Vishakhapatnam ,Moshi and Pune .Our design and fabrication praised by all the judges and elite personalities which lead to secure a good rank in these activities.

4. In addition to this, our 30 students has participated **Rally car design challenge(RCDC) at Rajasthan** which is an engineering design challenge for the budding new engineers of the country. This is India's first challenge in which engineering students will be coming in contact and participating with professional motorsports people. It is great to mention here that only two team were succeeded in design and building ATV of this kind in Pune region and our college is one of them. Total cost for the fabrication of this **ATV was 3,40,000** Rs which is

sponsored by students with the help of different companies and association like FSAI etc

With this experience our students passionately and enthusiastically enjoy working for **design and fabrication of Go-Kart and Baja** in the year 2018-19 With this , our students are now aimed to contribute for the automobile domain in next future .

## **Glimpse of 2018-19 Activity :**



Team Abhyudaya Participated in GO-Karting Event



GO-Kart Design and Fabricated by Students

Students working tirelessly and enthusiastically in Lab for GoKart Fabrication



**Glimpse of the AIRC Event:**



**Team Abhyudaya Go-Kart Ready for Dynamic Round and Testing Round**



## Team Abhyudaya's Prize in AIRC Event

Glimpse of the SKDC Event:



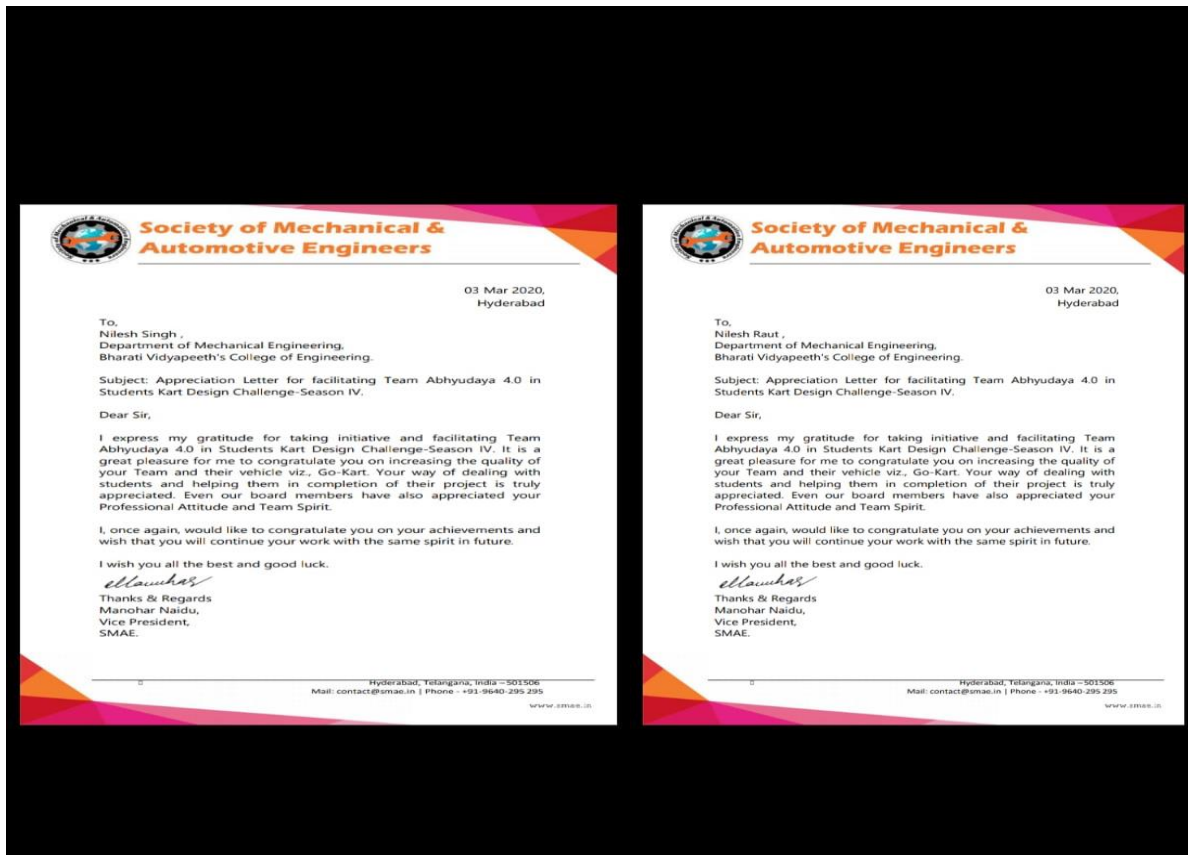
Team Abhyudaya's Go Kart Ready for Testing Round and some Troubleshoot work at SKDC



Team Abhyudaya's Go Kart at Prize Distribution Ceremony and Trophy



### Runner-up Certificate



### Faculty Advisor Appreciation Letter for SKDC Event by SMAE