# **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	06/02/2020	15	Qualify four	AjinkyaD.Y.PatilUniveristyLohagaon,Pune
	Racing	to		rounds.Team won	
	Championship	09/02/2020		I runner prize in	
				social media	
	(AIRC)			category with	
				cash prize of Rs	
				5000/-	
2	Students Kart	25/02/2020	13	Qualify All Rounds	Gokart Racing Track, Hydrabad.
	Design	to		and won	
	Challenge	28/02/2020		Autocross	
				Runner-up Prize	
	(SKDC)			with Trophy and	
				Appreciation	
				Letter from	
				Organizing	
				Authority to	
				, Faculty Advisor.	
				•	

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 is an <u>intercollegiate</u> design competition run by the <u>Society</u> <u>of Automotive Engineers</u> (SAE) where Teams of students from <u>universities</u> all over the country do design and build small <u>off-road cars</u>. 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 Abhydaya Go-Kart Ready for Dynamic Round and Testing Round



### Team Abhydaya'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**

Society of Mechanical &	Society of Mechanical &
Automotive Engineers	Automotive Engineers
A Automotive Engineers	Automotive Engineers
03 Mar 2020, Hyderabad	03 Mar 2020 Hyderaba
To,	To,
Nilesh Singh ,	Nilesh Raut ,
Department of Mechanical Engineering, Bharati Vidyapeeth's College of Engineering.	Department of Mechanical Engineering, Bharati Vidyapeeth's College of Engineering.
Subject: Appreciation Letter for facilitating Team Abhyudaya 4.0 in Students Kart Design Challenge-Season IV.	Subject: Appreciation Letter for facilitating Team Abhyudaya 4.0 in Students Kart Design Challenge-Season IV.
Dear Sir,	Dear Sir,
I express my gratitude for taking initiative and facilitating Team Abhyudaya 4.0 in Students Kart Design Challenge-Season IV. It is a great pleasure for me to congratulate you on increasing the quality of your Team and their vehicle viz, Go-Kart. Your way of dealing with students and helping them in completion of their project is truly appreciated. Even our board members have also appreciated your Professional Attitude and Team Spirit.	I express my gratitude for taking initiative and facilitating Team Abhyudaya 4.0 in Students Kart Design Challenge-Season IV. It is a great pleasure for me to congratulate you on increasing the quality of your Team and their vehicle viz. Go-Kart. Your way of dealing with students and helping them in completion of their project is truly appreciated. Even our board members have also appreciated your Professional Attitude and Team Spirit.
I, once again, would like to congratulate you on your achievements and wish that you will continue your work with the same spirit in future.	I, once again, would like to congratulate you on your achievements and wish that you will continue your work with the same spirit in future.
I wish you all the best and good luck.	I wish you all the best and good luck.
ellauchas	ellaunhas
Thanks & Regards	Thanks & Regards
Manohar Naidu, Vice President, SMAE.	Manohar Naidu, Vice President, SMAE.
<ul> <li>Hyderabad, Telangana, India – 501506</li> </ul>	Hyderabad, Telangana, India – 501508
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Faculty Advisor Appreciation Letter for SKDC Event by SMAE