



Date: 15/02/2019

**EVENT REPORT**

1	<b>Name of the Event</b>	<b>"Design and Development of F5 racing Kart"</b>
2	<b>Day &amp; Date of the Event</b>	04 <sup>th</sup> Feb 2019 to 9 <sup>th</sup> Feb 2019
3	<b>Time of the Event</b>	10.30am to 04.30pm
4	<b>Venue of the Event</b>	C 105 Cad lab IV, Mechanical Engineering Department.
<b>Sr. No</b>	<b>Objective</b>	<b>Expected Outcomes</b>
1	To study the design of F5 racing Kart	Students will learn about design of F5 racing Kart.
2	To attain new knowledge and skills related to Design.	The interactions elicited by events helps students build relationships, understand different perspectives.
3	To provide In house training of various design and development of F5 racing Kart.	Students will familiar with basic of design and development of F5 racing Kart.

**5 Description**

**(a) Introduction, Theme & Significance**

**a) Introduction**

The F5 racing kart is a vehicle that is small, quick, light, and simple to drive. Since the go-kart is designed for flat-track racing, it has a very poor ground clearance relative to most cars, but it does not have suspension. Engine, steering, suspension, tires, and bumpers are the elements of a F5 racing. A engine kart is either a two-stroke or a four-stroke engine. The word "eco-kart" refers to a car that uses electric motors instead of an engine. F5 racing karting is a form of open-wheel motorsport that involves lightweight, open-wheeled vehicles with four wheels. To feel the excitement, the chassis is independent of the suspension.



**b) Theme**

Design and Development of F5 racing Kart Training conducted for all interested students who wish to make carrier in the field of automotive design domain.

**c) Significance**

Students are able to understand how to face interview and present themselves More effectively. They get rid of fear of performance in the interview. It build up a High confidence level because of exercise perform in the said training on Design and development of F5 racing kart.

**(b) Conduction, Guest details, Activity**

**a) Conduction**

Mechanical department conducted **"One week Hands on Training workshop on Design and Development of F5 racing Kart"** for students of Mechanical Engineering Department.

**b) Guest details**

Mr. Rakesh  
TCIL IT, Wagholi,  
Pune.  
Mr.Vineet Katkam  
ICOER Wagholi

**d) Activity**

One week Hands on Training workshop on Design and Development of F5 racing Kart includes basic knowledge of design and analysis software, its use, functions, applications. Six hours per day practical session conducted by Mr. Rakesh, TCIL IT, Wagholi, Pune and Dept. Faculty member Prof.Vineet Katkam. He shears his experience in knowledge about Automobiles as well as various design software's applicable for the training for students.

**c) Students & Faculty response & participation**



**a) Students Response:**

More than 90 students of Mechanical Engineering were attending these training Sessions conducted in two weeks. The student's response was excellent and they built their confidence about various software handling and improve the confidence for building Cart vehicle in National level competitions.

**Event Photos:**



Training session conducted by trainer.

**Sign:**  
**Name: Prof. V.Katkam**  
**Co-ordinator**

**Sign:**  
**Name: Prof.N.S.Biradar**  
**HOD**

**Sign:**  
**Name: Dr. D.D.Shah**  
**Principal**



JSPM's  
**Imperial College of Engineering and Research, Wagholi, Pune.**  
(Approved by AICTE, Delhi & Govt. of Maharashtra, affiliated to Savitribai Phule Pune University)  
Gat.No.720, Pune-Nagar Road, Wagholi, Pune, 412207



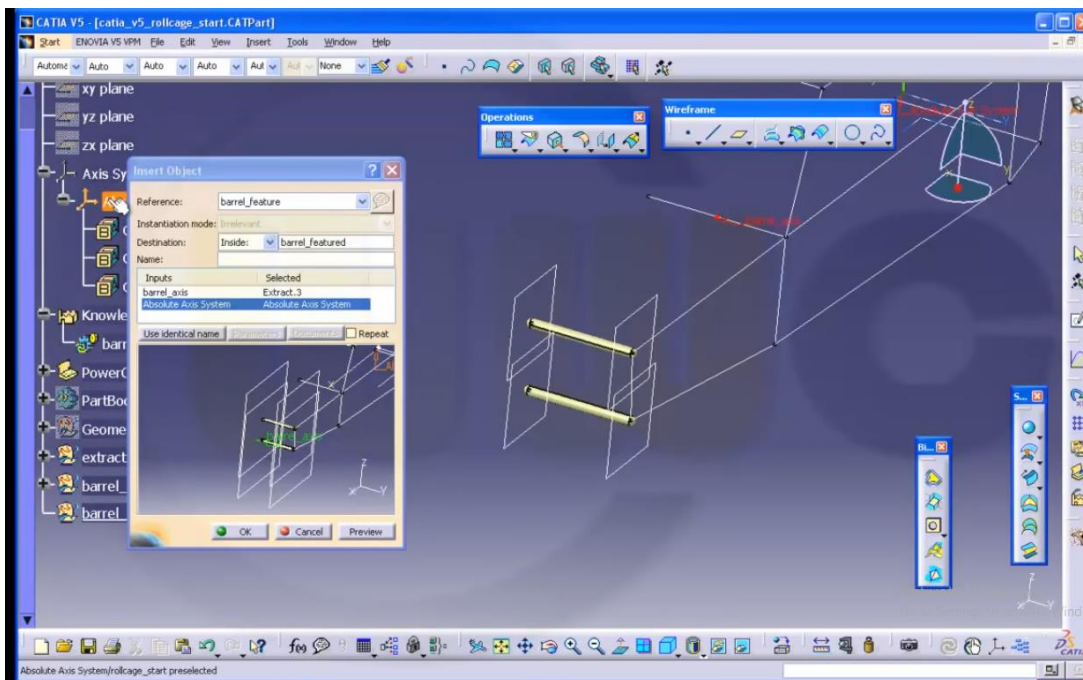
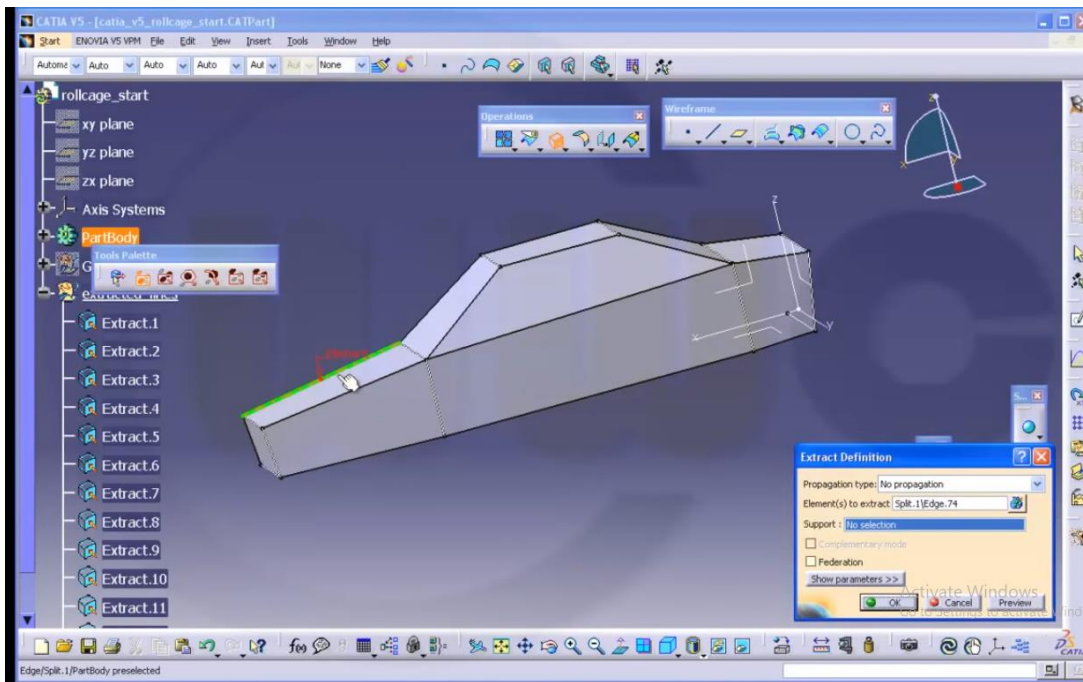
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### **Workshop Syllabus:-**

1. Introduction to F5 Racing kart (6 hrs)
2. Introduction to Design of Kart (6 hrs)
3. Part Modeling (6 hrs)
4. Design Analysis (6 hrs)
5. Development of kart (6 hrs)



### Assessment Procedure-



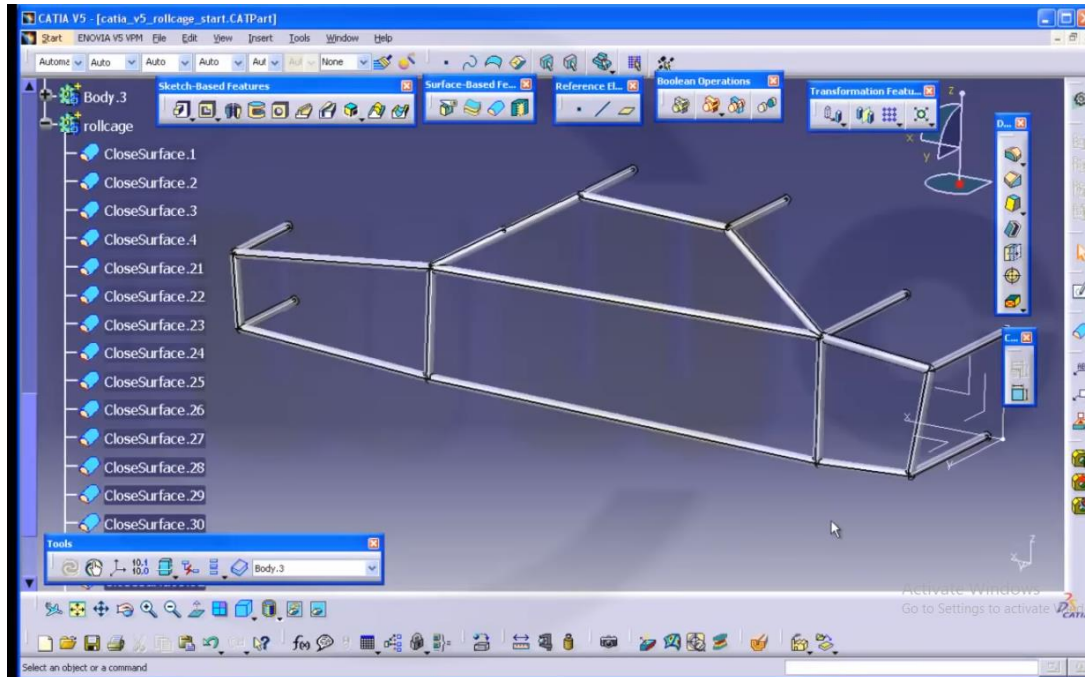




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**Accredited with NAAC "A" Grade**



List of Participants -

Sr.No	Name of Participant	Sign
1	VADAGAVE BHAGYASHRI DILIP	Bhagyashri
2	YEOLE GAURAV PANDURANG	Gaurav
3	DETHE PRAVIN NAMADEV	Downdete
4	SHAIKH SWALEHA SHAKIL	Swaleha
5	SARWADE AKASH BALAJI	Akash
6	JYOSTNA JANARDAN MALI	Jyostna
7	SHATALWAR NIKITA RAJESH	Nikita
8	ROHIKAR PRATIKSHA SHIVSHANKAR	Pratiksha
9	SHINDE PRAJAKTA SUDHAKAR	Prajakta
10	PATIL MANOJ VINOD	Manoj
11	EKAL UTTAM ANANDA	Ekal
12	DHAWALE AJIT SANJAY	Ajit
13	JAGTAP AJAY RAJENDRA	Jagtap
14	KOLHE NIVRUITTI GULABRAO	Nivritte
15	GAUD RAMANUJ ALIAS RAMRAJE PANJABRAO	Ramraje
16	SAYYAD ALTAF BABAU	Altaf
17	PATIL AKASH PRAKASH	Akash
18	SHINDE ROHAN SANTOSH	Rohan
19	PAWAR KETAN DNYANDEO	Ketan
20	WAGASKAR PRASAD DATTA	Prasad
21	KALE AKSHAY MOHAN	Akshay
22	MANE PRAVIN SHASHANK	Mane
23	BACHHAV HRUSHIKESH SURESH	Hrushikesh
24	LOKHANDE KUNAL KISAN	Kunal
25	DASI RITIKESH SUNIL	Dasi
26	PATIL HARSHAL NARENDRA	Harshal
27	PATIL SHUBHAM SURESH	Shubham
28	GIRI PRASHANT PARESH	Prashant
29	KHODKE DHANANJAY GOPALRAO	Dhananjay
30	KAMBLE RAHUL MUKIND	Rahul
31	GONDHALE SHASHANK ARUNKUMAR	Shashank
32	NICHIT ADINATH SONBHAU	Nichit
33	DESHMUKH SHANKAR PRADIP	Shankar
34	KONDHARE KIRAN KUMAR	Kiran
35	PATIL ABHIJEET SUNIL	Abhijeet
36	ADALE VAIBHAV DIGAMBER	Vaibhav
37	ATHAWALE AJAY BHUJANGRAO	Ajay
38	BHARADE GANESH	Ganesh
39	BHUWAD SWAPNESH	Bhuvad
40	CHAUDHARI RUSHIKESH	Rushikesh
41	DUKARE AKASH	Akash
42	GANGARDE AVINASH	Avinash
43	JADHAV NILESH	Nilesh
44	KAMBLE GANESH	Ganesh
45	PHAPALE SANDESH	Sandesh



46	ATUL SALUNKE	<del>Atul</del>
47	DIKSHA HINGMIRE	Diksha
48	THAKUR GANESH	Ganesh
49	KADAM JAYANTA ARUN	Jayanta
50	THITE AKASH	<del>Akash</del>
51	VIRKAR RUSHIKESH	Virkar
52	ZATE UMESH	<del>Sadan</del>
53	SAGAR WAGH	<del>Crash</del>
54	SHARDUL WAGH	<del>Crash</del>
55	bangad somesh	<del>Crash</del>
56	BHARATE AKASH	Somesh
57	SAINDANE KALPESH	Akash
58	PAWAR RUSHIKESH	Kalpesh
59	PHANSALKAR YASH	Pawar
60	BODALE MUSTAFA	Yash
61	JOSHI KRUSHANA	Mustafa
62	SAURABH AJINKYA	Joshi
63	VISHAL NAYAKA	<del>Ajinkya</del>
64	RAHUL LODHA	Vishal
65	shinde Pratiksha	Lodha
66	NISHANT SHISHODIA	Shinde
67	SHRIRANG LADDA	Nishant
68	ALLWYN D'SOUZA	Ladda
69	MUJAWAR AYESHA	Allwyn
70	UDDHAV KARAD	Ayesha
71	VIJAYKUMAR BHAD	Karad
72	JAGDALE NAVANATH NAGANNATH	Bhad
73	JAGDALE NIRAJ BAPURAO	Jagdale
74	JANGALE TUSHAR DATTATRAY	Jangale
75	ABHIJIT UFADE	Ufade
76	KADAM PANKAJ GOVINDRAO	Pankaj
77	HARSHADIP SONONE	<del>Harshadip</del>
78	AVINASH WANKHEDE	Avinash
79	AVINASH WANKHEDE	Avinash
80	DNYANESHWAR KANKE	Dnyaneshwar
81	JAYESH GAIKWAD	Kanke
82	AMOL KORE	Gaikwad
83	KAWARE ARVIND	Kore
84	KRISHNA BABERWAL	<del>Arvind</del>
85	KURADE VIKRAM	Krishna
86	LANDGE RAHUL	Kurade
87	LIHARE SHUBHAM	Rahul
88	BIDAVE PRIYANKA BASVANT	Lihare
89	NITA KADAM	Bidave
90	RAJPUT DAYALSINGH	Nita
91	RAJPUT PRAMODSINGH	Rajput
92	SHINDE GANESH	<del>Pramod</del>
93	AATKARE VAIBHAV SOMNATH	Ganesh
94	ADINATH SHIVAJI PAWAR	Somnath
95	BADGUJAR AMIT RAJENDRA	Adinath
96	BENDRE OMKAR SANJAY	Amit
97	BHOLE RAHUL VITTHAL	Omkar
		Bhole



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45	PHAPALE SANDESH	Sandesha

46	RAJPUT DAYALSINGH	<u>one</u>
47	RAJPUT PRAMODSINGH	RP.
48	SHINDE GANESH	<u>Shinde</u>
49	THAKUR GANESH	<u>Thakur</u>
50	THITE AKASH	<u>Thite</u>
51	VIRKAR RUSHIKESH	<u>Virkar</u>
52	ZATE UMESH	<u>Zate</u>
53	SAGAR WAGH	<u>Sagar</u>
54	SHARDUL WAGH	<u>Shardul</u>
55	bangad somesh	
56	BHARATE AKASH	<u>Bharate</u>
57	SAINDANE KALPESH	
58	PAWAR RUSHIKESH	<u>Pawar</u>
59	PHANSALKAR YASH	
60	BODALE MUSTAFA	<u>B.S.</u>
61	JOSHI KRUSHANA	<u>K</u>
62	SAURABH AJINKYA	<u>Saurabh</u>
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68	ALLWYN D'SOUZA	<u>Allwyn</u>
69	MUJAWAR AYESHA	<u>Mujawar</u>
70	PAVALI RAMKRISHNA	<u>Pavali</u>

Jaywant Shikshan Prasarak Mandal's

**Imperial College of Engineering and Research, Wagholi, Pune,  
India.**



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**Mechanical Engineering Department**

**CERTIFICATE OF PARTICIPATION**

This is to certify that, **VADAGAVE BHAGYASHRI DILIP** has participated in One Week Hands-on workshop on **“Design & Development of F5 Racing Kart”** held on 04<sup>th</sup> -09<sup>th</sup> Feb. 2019.

**Prof. Katkam Vineet**  
Co-ordinator, Mech Dept.  
ICOER, Wagholi

**Prof. N.S. Biradar**  
HoD, JSPM's ICOER,  
Wagholi

**Dr. D.D. Shah**  
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**Mechanical Engineering Department**



**CERTIFICATE OF PARTICIPATION**

This is to certify that, **SAYYED ALTAF** has participated in One Week Hands-on workshop on ***“Design & Development of F5 Racing Kart”*** held on 04<sup>th</sup> -09<sup>th</sup> Feb. 2019.

**Prof. Katkam Vineet**  
Co-ordinator, Mech Dept.  
ICOER, Wagholi

**Prof. N.S. Biradar**  
HoD, JSPM's ICOER,  
Wagholi

**Dr. D.D. Shah**  
Principal, JSPM's ICOER,  
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**Mechanical Engineering Department**

**CERTIFICATE OF PARTICIPATION**

This is to certify that, **PATIL HARSHAL NARENDRA** has participated in One Week Hands-on workshop on ***“Design & Development of F5 Racing Kart”*** held on 04<sup>th</sup> -09<sup>th</sup> Feb. 2019.

**Prof. Katkam Vineet**  
Co-ordinator, Mech Dept.  
ICOER, Wagholi

**Prof. N.S. Biradar**  
HoD, JSPM's ICOER,  
Wagholi

**Dr. D.D. Shah**  
Principal, JSPM's ICOER,  
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Jaywant Shikshan Prasarak Mandal's

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India.**



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**Mechanical Engineering Department**

**CERTIFICATE OF PARTICIPATION**

This is to certify that, **BODALE MUSTAFA** has participated in One Week Hands-on workshop on *“Design & Development of F5 Racing Kart”* held on 04<sup>th</sup> -09<sup>th</sup> Feb. 2019.

**Prof. Katkam Vineet**  
Co-ordinator, Mech Dept.  
ICOER, Wagholi

**Prof. N.S. Biradar**  
HoD, JSPM's ICOER,  
Wagholi

**Dr. D.D. Shah**  
Principal, JSPM's ICOER,  
Wagholi