

SAE- PSNACET COLLEGIATE CLUB

2020-2021





PSNA
College of Engineering & Technology



2020-2021

Department of Mechanical Engineering



SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)

SAE INDIA- PSNACET Collegiate Club

- *Club was started at 2006 with 59 student 's members and 2 Faculty advisor.*
- *Club Register with SAEINDIA and functioning with SAEINDIA Southern Section*



2020-2021

1. Society Registration & Membership details

2. Guest lectures

3. Engineering Events



VISION

To continuously enrich knowledge base of practitioners in mobility industry and institution in the service of Humanity

MISSION

- ☐ **To enhance the knowledgebase of the members who are mobility practitioners in India**
- ☐ **To provide to its members access to SAEINDIA's programs and services globally enabling them to practice world class standards in productivity and quality.**
- ☐ **To develop technical and scientific reports for the benefit of mankind.**
- ☐ **To provide a forum for members to informally exchange ideas and views.**

Society Faculty Detail

Senior Faculty Advisor

Dr. R KANNAN

Faculty Advisor

Mr. M KUMARESAN

1.Society Registration & Membership detail



Club Id

SAEICCSIS113

**Total No of Student
Members:**

62

No of Faculty Advisors

2

Student Members Details:

S.No	Membership id	First Name	Last Name	User id	Password
1	7200422139	Jaya Lakshmi	K	9442189645	9442189645
2	7200422138	Vigneshkarthik	S	7373372763	7373372763
3	7200422137	Saravanan	M S	8072458542	8072458542
4	7200422136	Vishal	D	7558108306	7558108306
5	7200422135	Swaminathan	S	9626205990	9626205990
6	7200422134	M	Ramashivam	9150414313	9150414313
7	7200422133	Mohammed Younus	A	9597282706	9597282706
8	7200422132	Srinivasan	N	8124175700	8124175700
9	7200422131	Kausik	B	9629642780	9629642780
10	7200422130	Nathishraj	S	9345813564	9345813564
11	7200422129	Bharath	S	8686960123	8686960123
12	7200422128	A	Prabhakarn	8682093103	8682093103
13	7200422127	Palanibharathi	S	9384704588	9384704588
14	7200422126	Mrityunjayan	R G	7092211149	7092211149
15	7200422125	Annamalai	M	9159089182	9159089182
16	7200422124	Ajith	K	9514834184	9514834184
17	7200422123	Aravindhan	M	9150414426	9150414426
18	7200422122	Raahul Kannan	G	8870140814	8870140814
19	7200422121	Sanjai	R	9361686908	9361686908
20	7200422120	M	Hariharan	9087583121	9087583121
21	7200422119	Jayanthan	T S B	7200026196	7200026196

22	7200422118	N	Gangatharan	6369479601	6369479601
23	7200422117	Naveenram	S	8825965142	8825965142
24	7200422116	Dhinesh Kanna	S	7550392115	7550392115
25	7200422115	Lenin	M	9361693525	9361693525
26	7200422114	Hari Nivethan	V S	9677952797	9677952797
27	7200422113	Ajay	P	9361240881	9361240881
28	7200422112	Gowtham	R	9361053771	9361053771
29	7200422111	Guru Prasath	S	8825808307	8825808307
30	7200422110	Kalidhasan	B	8754157980	8754157980
31	7200422109	Alexraja	N	9360495655	9360495655
32	7190429474	MADHUBALA	P	8270324237	madhubala@2
33	7190428372	S. Gayathri Sri	Praba	9842155014	Gayathrisri
34	7190426875	G	Gopinath	9443769406	9443769406
35	7190426868	A	Kaleelurrahman	7010134638	7010134638
36	7190426866	M	G Harinathmagudapathy	8870974591	protection21
37	7190426840	S	Yashwant Sundaram	1318114264	1318114264
38	7190426827	A	Rohan Fleming	8754661260	8754661260
39	7190426822	B	Nidish	9080598848	9080598848
40	7190426816	M	Ajees Khan	1318114240	1318114240
41	7190426805	Ragavan	P	9688105996	9688105996
42	7190426804	Mohammed Yashiff	A	8148701676	8148701676
43	7190426803	Ruban Kumar	A	8883808112	8883808112
44	7190426801	Sivaram Krishnan	S	8870995984	8870995984
45	7190426788	Kasi Rajan	R P	8682860900	smmrau



46	7190426785	R	Arun Prasath	9003623811	imygcx
47	7190426769	I	Aravind	7708741225	7708741225
48	7190426757	S	Antony Simsoan	9791923304	9791923304
49	7190426754	V	Nithish Kumar	9500560252	9500560252
50	7190426744	A	Arul Prakash	1318114168	1318114168
51	7190426720	M	Thiruppathi	8608988117	8608988117
52	7190426714	S	S Aruthran	8825556067	8825556067
53	7190426711	S	Vignesh	9566736352	9566736352
54	7190426709	G	Arun Kumar	7418528829	7418528829
55	7190426698	S	Srinivasan	9944890945	9944890945
56	7190426676	R	Kishore	7010868037	7010868037
57	7190426674	Mohammed Hanif		6380501014	wzsbtj
58	7190426665	J	Glaadhin	1318114088	1318114088
59	7190426658	S	Madhavan	9025181841	9025181841
60	7190426633	U	Praveen Atheraj	8973751331	8973751331
61	7190426628	S	Ramkamal	9791235985	9791235985
62	7190426627	P	Pandia Mannan	7395845069	7395845069

PROJECT EXPO – (ONLINE MODE)




Online Project Expo- Google meet- 20.11.2020

Project Expo is a technical event in which the participants should prepare their project at home and they have to bring the project to demonstrate before the judges. There is only one round and the best is chosen by the judges and the respective prizes are given away

Initially, 23 teams were registered and finally, 12 teams attended the event successfully. The best presentation award has been given to the student by evaluators.


PSNA
College of Engineering & Technology
(Approved by AICTE, Affiliated to Anna University, Chennai, Accredited by NBA, New Delhi, Accredited by NAAC With 'A' Grade)
Kothandaraman Nagar, Dindigul - 624 622, Tamil Nadu, India.

DEPARTMENT OF MECHANICAL ENGINEERING

NATIONAL LEVEL PROJECT EXPO

Technovision-20



RULES & GUIDELINES


- Each team can have maximum of four members
- The competition is for all engineering students.
- Participants should have valid ID card of their college.
- Participants must exhibit their models.

Registration fee : ₹ 150 (per head)

WIN 50,000 WORTH CASH PRIZE

FOR REGISTRATION

J.MURUGESAN (AP) - 9843212315
S.NIRMAL (AP) - 9159602762
J.YASIN (AP) - 7502029968



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For more details : www.psnacet.edu.in

WINNER LIST

PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
RESULT OF PROJECT EXPO-(TECHNOVISION-2020)-ONLINE

S.NO	TEAM ID	TEAM LEADER	YEAR	SEC	TITLE	MOBILE	E1	E2	E3	TOTAL POINT	POSITION
1	ME16	HarinathMagudapathy	IV	B	Design & Fabrication of Experimental setup for producing Activated Carbon	8870974591	46	45	44	45	I
2	ME01	Kathiravan	IV	C	Segway - a self-balancing vehicle	9944864257	40	47	41	42.6	II
3	ME14	Naveen	IV	D	Design and Fabrication of Floating Waste Collector	8178965056	45	43	40	42.6	II
4	ME06	GOPINATH G	IV	B	Front spoke less bicycle with inflatable tyres	9443769406	43	41	34	39.3	III
5	ME02	Abdul Rahman	IV	A	E-Bike	9629058699	38	43	32	37.6	IV
6	ME03	Gunatharan G A	IV	F	Weight Operated Material Handling System	8807618525	39	40	31	36.6	V
7	ME13	Ajees Khan	IV	D	Design and fabrication of flexible drilling machine	9087755702	34	37	39	36.6	V

Evaluators:- 1. Dr.S.Sridhar

2.Dr.S.Karthikeyan

3.Dr.G.Chandrasekar

COORDINATOR

CONVENER

HOD/MECH

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BDC FINAL VALEDICTORY FUNCTION – ONLINE

On behalf of PSNACET Collegiate club 2 Teams Participated in Bi Cycle design Competition conducted by SAE ISS. Due to Covid – 19 Pandemic this event held by online. Only team Design review reports evaluated based on report they award a Prize for Teams

S.No	Team Details	Student List
1	TEAM NAME : PASSION PERFORMERS TEAM ID : BCD202008	1.PONMAARAN.T (CAPTAIN) 2. NITHISH KUMAR.B 3. NIDISH.B 4. DEVA.G 5. VINCY JENIFER.W 6. MUTHUMANI.M 7. MUKESH KUMAR.S
2	TEAM NAME: EUREKIANS TEAM ID: BCD202038	1. JEYA KUMAR B (TEAM CAPTAIN) 2. GOPINATH G 3. M.JEYARAM M 4. UDHAYA KUMAR V 5. SRINIVASAN N 6. ARUL PRAKASH A 7. PETER AMAL RAJ A

- Final Valedictory function conducted by online mode all the team members and Faculty Advisor participated



Bicycle Design Competition 2020 (SAEISS BDC - 2020)



Cordially invites you to **VALEDICTORY FUNCTION**

Date & Time: 05.12.2020 & 07.00pm to 08.00pm

Venue: **Online (Webex)**

Agenda

Welcome Address	: Mr. B.Vasanthan, MC Member, SAEINDIA Southern Section
Presidential Address	: Dr. R.Rajendran, Vice Chairman, SAEINDIA Southern Section
Introduction about the Chief Guest	: Dr. M.Bharathiraja, Champion, SAEISS BDC 2020
Chief Guest Address	: Mr. P.Velmurugan, DGM - Product Development, TI CYCLES OF INDIA, Chennai.
Feedback about the Competition	: Mr. P.Ramachandran, Senior Manager, Mr. V.Arunachalam, Assistant Manager, TI CYCLES OF INDIA, Chennai.
Announcement of Results	: Mr. T.Kasiraja, Secretary, SAEINDIA Southern Section
Vote of Thanks	: Dr. M.Bharathiraja, Champion, SAEISS BDC 2020

Meeting Information

Meeting link:

<https://saeiss.webex.com/saeiss/j.php?MTID=m088c5a005720b4df13f4aa9e900bdd52>

Meeting number: 176 076 3887

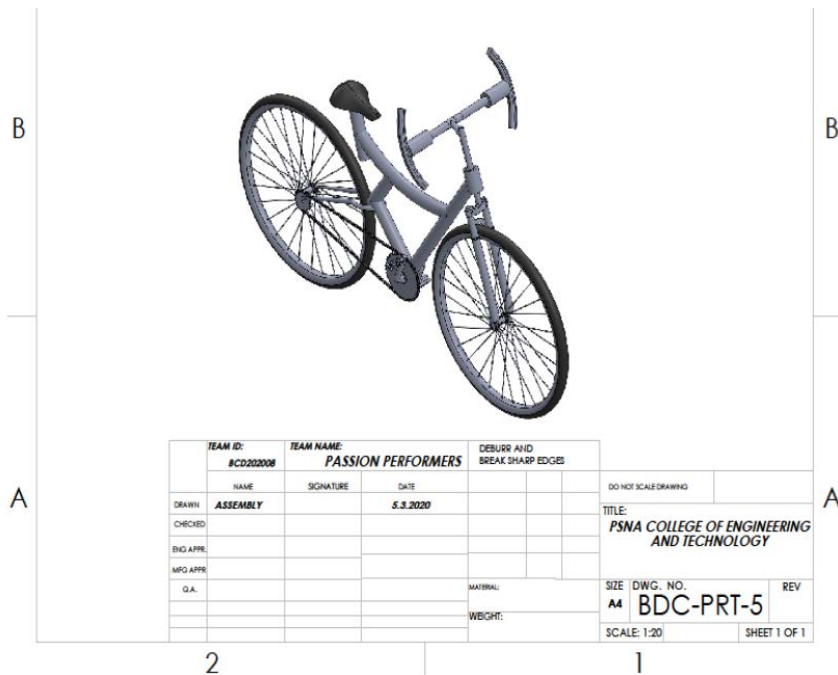
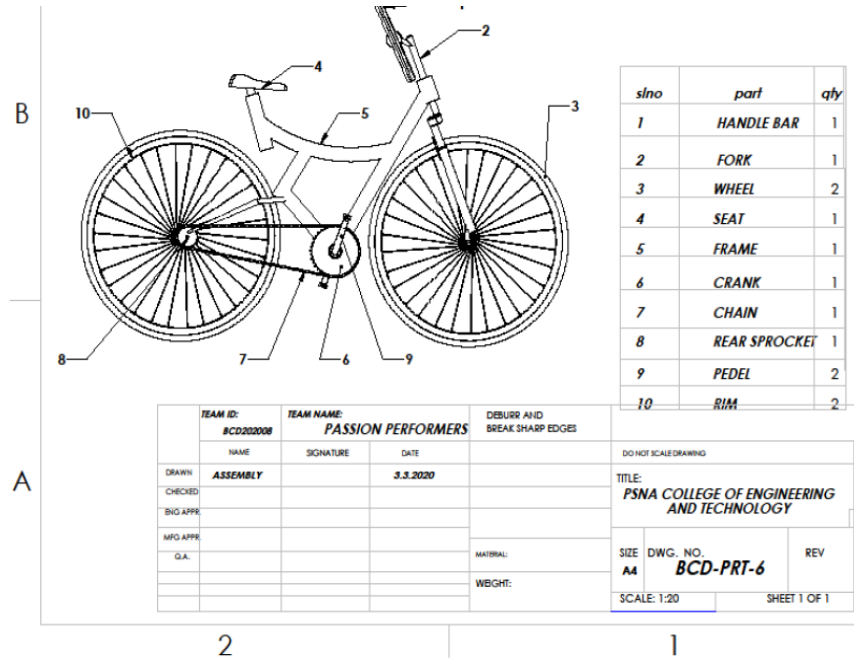
Password: saebdc

All are Invited

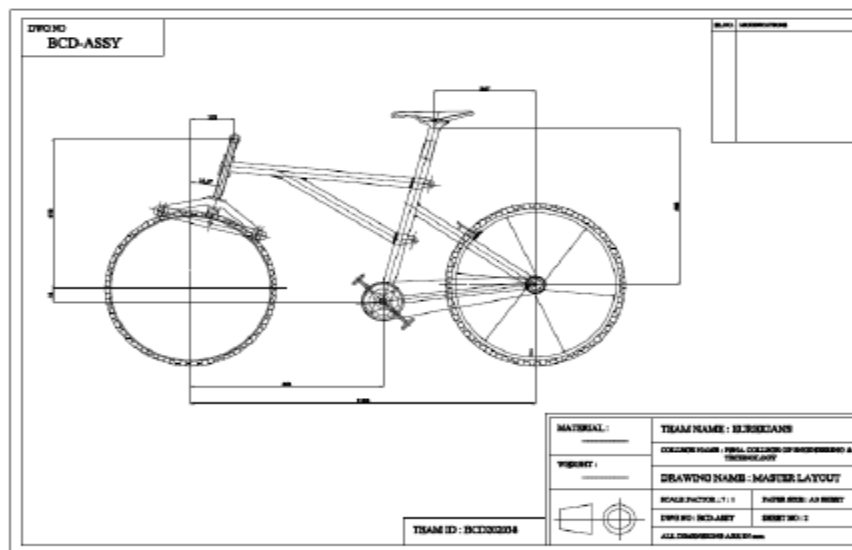
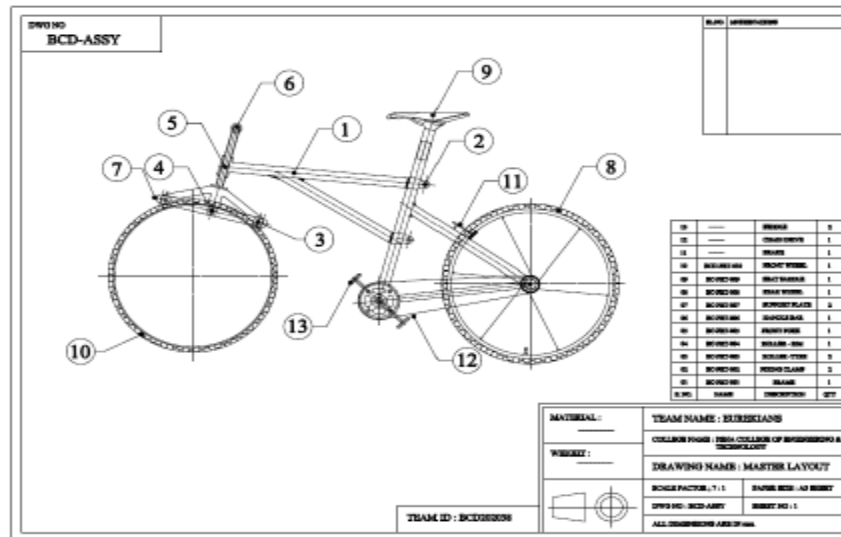
Student Reports in BDC

TEAM NAME: PASSION PERFORMERS

Prototype Model in 2D



TEAM NAME: **EUREKIANs**



Guest Lecture - Industrial Internet of Things (IIoT): Practical Perspective

SAE – PSNACET Collegiate club arranged a online guest lecture on “**Industrial Internet of Things (IIoT): Practical Perspective**”

Speaker : Dr.V.Balaji, President, TVS Sensing Solutions Private Limited., & Director - Fiber Optic Sensing Solutions Private Limited., Madurai.



Online Lecture meeting

SAEINDIA
SOUTHERN SECTION
Estd : 1984

*PSNACET- SAE Collegiate Club & SAEISS
Madurai Division jointly Invites you for online
lecture meeting on
Industrial Internet of Things(IIoT) :
Practical Perspective"*

by
Dr.V.Balaji,
President, TVS Sensing Solutions Private Limited

05th Feb 2021 11:00am

Meeting Link :
<https://seccommunications.webex.com/seccommunications/j.php?MTID=m2f090f41a484009f2c62ca3182ddcc2d>

Meeting number: 176 622 9173
Password: saemadurai

Around 32 student members from our club and faculties attended this lecture meeting.

Internship for SAE Students: (08.03.2021 to 03.04.2021)

Our club arranged internship for final year students at Indo Autotech Limited – V Plot No. 176-181, Narsapura Distt. Kolar. Bangalore (Karnataka)-560001 INDIA.

From our club 3 final year students showed their interest and successfully completed internship.

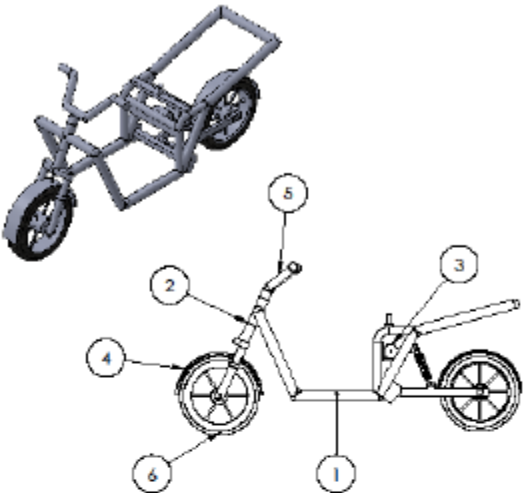


ETWDC-2021 Final Valedictory function (Online) - 03.04.2021

On behalf of PSNACET Collegiate club 3 Teams Participated in Electric Two wheeler Design Competition conducted by SAE ISS. Due to Covid – 19 Pandemic this event held by online. Only team Design review reports evaluated based on report they award a Prize for Teams

S.No	Team Details
1	TEAM NAME: ANNIHILATORS TEAM ID: ETWDC20200126
2	TEAMNAME: PSNAINSTIGATORS TEAMID: ETWDC20200103
3	TEAMNAME: THE ELITE TEAMID: ETWDC20200112

Student Reports in ETWDC – 2020



PART NO	PART NAME
1	FRAME
2	FORK
3	MOTOR DRIVE
4	FENDER
5	HANDLE
6	TYRE

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		TYPICAL		CORNER AND HOLE DRILL EDGES		TEAM ID: ETWDC20200103	
						TEAM NAME: PSNA INSTIGATORS	
						COLLEGE NAME: PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY	
NAME	SIGNATURE	DATE					
DESIGN							
CHECKED							
APPROVED							
WFO							
QA							
				MATERIAL:			
				WEIGHT:			
DRAWING NO.						A4	
SCALE: 1:1						SHEET 1 OF 1	

TIER III EVENT – STUDENT CONVENTION (09.03.2020-20.03.2020)

Student convention (Tier - III) conducted by SAEISS by online mode. On behalf of Our club students Participated in following events.

1. Group Discussion
2. Technical Paper Presentation
3. Sheet Metal
4. Refrigeration & Air conditioning
5. Technical Quiz

Our club students Got Second Prize following events

C. Saamynathan

G . Gopinath

Sheet Metal

Refrigeration & Air conditioning

