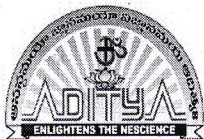


Aditya College of Engineering & Technology

Aditya Nagar, ADB Road, Surampalem - 533437
DEPARTMENT OF MECHANICAL ENGINEERING

2020-21

S.No	Date	Name of the event	Name of the coordinator/s	Resource person details	No of participants
1	5-3-2021 to 13-3-2021	Workshop on Implementation meshing methods	Dr. M. Murugan	Mr A Yeswanth Asst. Professor Pragati Engineering College (A)	134
2	1-2-2021 to 11-2-2021	Workshop on Design and Simulation using Ansys Workbench	Dr Pramod Kumar	Mr Y V S Yeswanth Asst. Professor NEC	198
3	16-10-2021	Guest lecture on Welding Processes and Repairs	Dr. T. Srihari	Mr. Ravi Shankar (Generalmanager Vizag Steel Plant)	140
4	09-10-2021	Guest lecture on Process Planning Techniques	Dr P. Gangadhar Rao	Dr. A. Srinivasulu Reddy (Professor Mechanical Engineering JNTUAnanthapur)	145

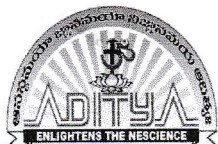


Aditya College of Engineering & Technology

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DEPARTMENT OF MECHANICAL ENGINEERING

2019-2020

S.No	Date	Name of the event	Name of the coordinator/s	Resource person details	No of participants
1	12-8-2019	Hands on Training session on CATIA	Mr. A. Arif	Mr. V. Ravi Teja Assistant Professor Aditya Engineering College	118
2	19-8-2019 to 27-8-2019	Hands on Training Session on Drafting and Modelling using Autocad	Mr. Kotamarthy Vijay	Mr. CH. Pavan Kumar	135
3	9-9-2019 to 17-9-2019	Hands on Training Session on Solid works	Mr. P SV V Srihari	Mr. Sai Teja Assistant Professor Aditya Engineering College (A)	85
4	23-9-2019& 24-9-2019	Workshop on Advanced Automotive Technology	Mr. Kotamarthy Vijay	Mr. Jami Paparao (ABM Group CEO)	55
5	12-7-2019& 13-7-2019	Hands on Experience in Welding Technology	Mr. E. Raghavendra Yadav & M. Srinivas	Dr. T. Srihari	143
6	19-9-2019	Heating Ventilation and Air conditioning	M. Srinivas	Mr. L Srinivas Prasad (JNTUCEV)	140
7	17-2-2020 to 24-2-2020	Workshop on Introduction to Ansys using CFD	Dr. N Stanley Ebenezer	Mr. Y V S Yeswanth Asst. Professor NEC	85
8	19-2-2020	Seminar on Energy Management in industries	Mr. P Chaitanya Krishna	Mr. R S Johnson (VTPS)	130



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DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

S.No	Date	Name of the event	Name of the coordinator/s	Resource person details	No of participants
1	25-2-2019 to 5-3-2019	Hands on Training session on CATIA	Mr. A. Arif	Mr. V. Ravi Teja Assistant Professor Aditya Engineering College	185
2	3-10-2018 to 11-10-2018	Hands on Training session on Drafting and Modelling using AUTOCAD	MrKotamarthy Vijay	Mr. P. Chaitanya Krishna Asst. Professor VSM College of engineering	208
3	19-10-2018& 20-10-2018	Experimental Techniques in welding Technology	Mr. B Saroj Babu	Dr T. Srihari Professor ACET	135
4	5-9-2018	Emerging Technologies in Welding Methodologies	Dr T. Srihari	Dr. A . Gopala Krishna JNTU Kakinada	120
5	24-8-2018 &25-8-2018	Robotics Workshop	Mr. P. Jai Kishan	Mr . P. Gangadhar Rao Assoc. Professor, Nalanda Institute of Engineering Technology	52


Faculty Incharge


Head-ME




Principal
PRINCIPAL
Aditya College of
Engineering & Technology
SURAMPALAM

AUTOMOBILE CLUB:

SAEINDIA-ACET:

In the Department of Mechanical Engineering of Aditya College of Engineering & Technology, under SAEINDIA total 55 members of students from Mechanical, Electrical and Electronics, Electronics and communication Engineering are actively participating in the events of SAE BAJA. All the Automobile club students are participating in several activities. Here is a list which indicates the previous activities of Automobile club.

Table 1 Activities of Automobile club from 2016-17 onwards

Sl. No	Academic Year	Semester	Particulars/Event	No. of Students
1	2021-22	I	SAE BAJA	25
2	2020-21	I	SAE BAJA	25
3	2019-20	II	ETWDC	10
4	2019-20	II	GOKART - STEP CONE at GMRIT	23
5	2019-20	II	GOKART - SIEGER at ADITYA	23
6	2019-20	I	HANDS ON EXPERIENCE OF AUTOMOTIVES	208
7	2018-19	II	GOKART	18
8	2017-18	I	SAE BAJA	25
9	2016-17	II	ESVC - ISIE	25

SAE BAJA 2021-2022:

BAJA 2022 is the event organising by SAE INDIA in three phases of virtual round for scrutinizing the participants, virtual dynamic through IPG Car maker and Physical Dynamic Event in which have to participate with Fabricated ATV.



Figure 1 Fabrication of the ATV chassis



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SAE BAJA 2020-2021:

Due to pandemic situations event is completely organised through virtual mode by using IPG Car Maker for endurance of the vehicles along with other static rounds like business plan, design report. In this event totally 25 students from Mechanical, Electrical and Electronics, Electronics and communications Engineering with two faculty advisors from Mechanical are participated.



Figure 2 Certificate of Faculty advisor



Figure 3 Certificate of student

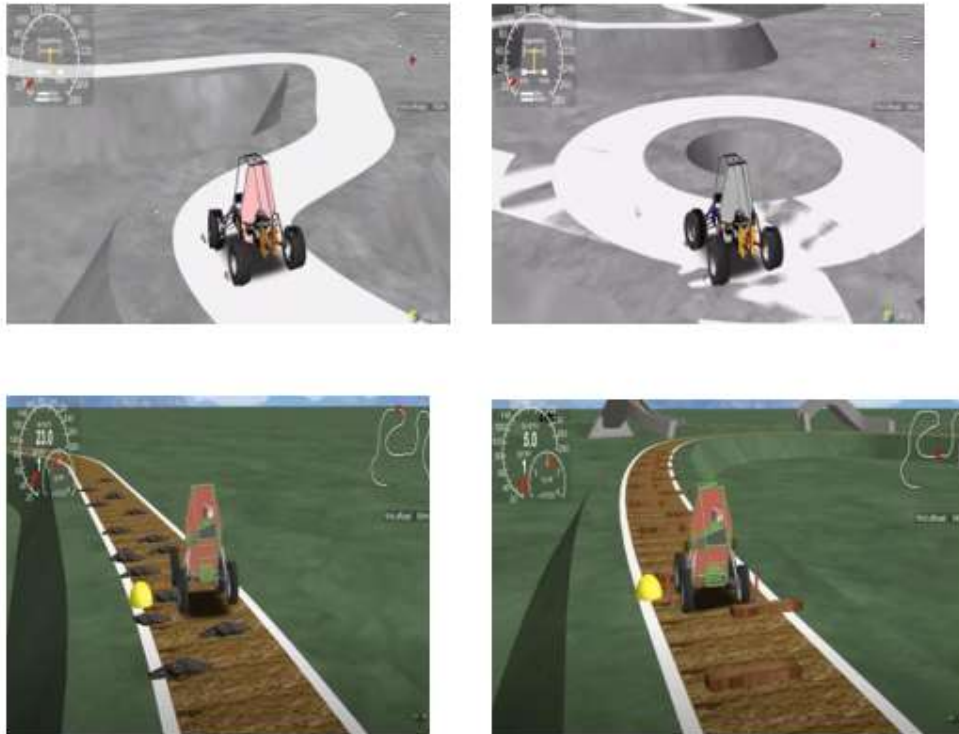


Figure 4 IPG Car Maker Simulation test ride for Endurance

Electric Two-Wheeler Design Challenge:

ETWDC is an event organised by SAEINDIA Southern Section. A total of 10 students from Mechanical and Electrical and Electronics Engineering with two faculty advisors are participated in this event from Aditya College of Engineering & Technology. Due to pandemic situation, the event is restricted to online only. In this event, three phases of Design report-1, Design report-2 and static event-business plan.

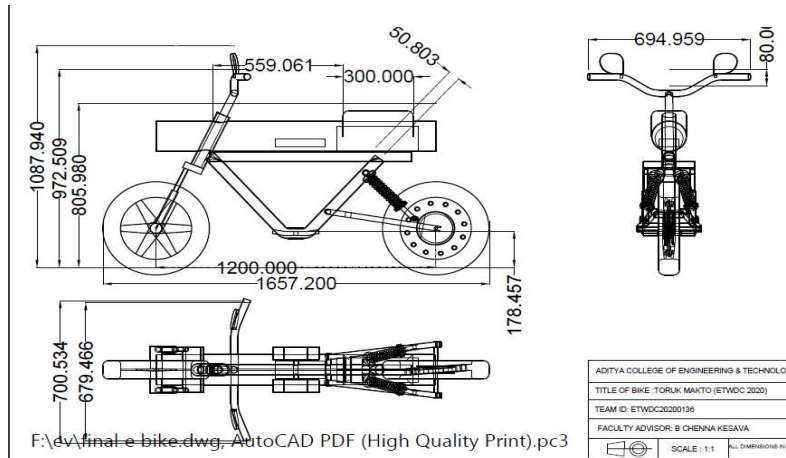


Figure 5 Master layout of Electric bike



Figure 6 3D model of the designed vehicle



Figure 7 Student Participation certificate



Figure 8 Faculty advisor participation certificate

SOCIETY OF INNOVATIVE MINDS

(Registered society under Telangana Societies Registration Act 2001)

Certificate of Participation

This is to certify that

Mr/Ms D. Shankar Ganesh Swamy representing
team Cursed Infinity from Aditya
College of Engineering participated in national level kart
racing Pro Karting Championship Season 3 from 13th
March to 16th March 2K19 organised by
Society of Innovative Minds in association with
Aditya Educational Institutions.



M. Pavan Kumar

Pavan Kumar Merugu
President
Society of Innovative Minds





GOKART - SIEGER AT ADITYA

Students of mechanical engineering has participated in Pro Karting championship 2K19 organized by society of innovative minds with Aditya educational institutions, achieved runners prize in endurance test, for which a cash prize of 15000 has been given





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GOKART - SIEGER AT ADITYA



Hands on experience on automotive:

Automobile club students are encouraged to participate in automotive hands on experience as part of skill development program



Figure 9 Explanation of the Bus chassis and parts



Figure 10 Differential gear box



Figure 11 Differential gear box



Figure 12 Two wheeler bike parts



Figure 13 Two-wheeler engine components



Figure 14 Assembly of engine components



Figure 15 Bike chassis explanation

Electric Solar Vehicle:

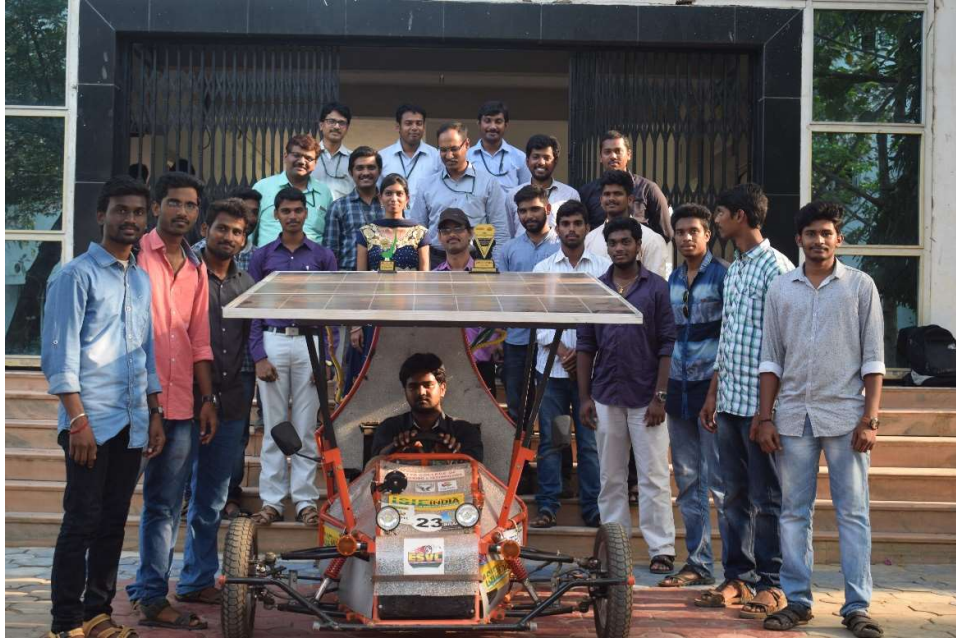


Figure 16 Appreciation from Principal



Figure 17 Acceleration test at ESVC – ISIE



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Figure 18 Appreciation from Aditya Educational Group Chairman Sri N Sessa R

Faculty Incharge

Head-ME

Principal