Misirimal Navajee Munoth Jain Engineering College
Department of Mechanical Engineering
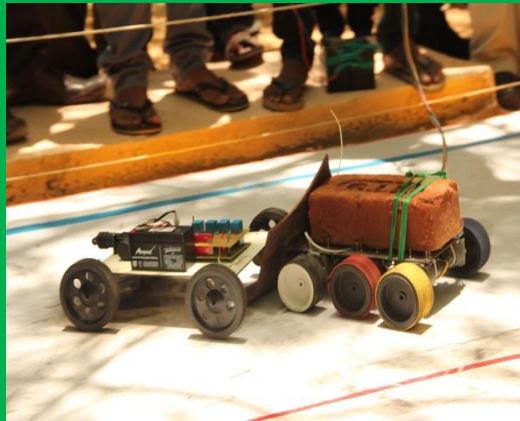
July 2015

❖ The Department Association Inauguration was held on 15th July 2015. .Dr Natrajan ,Professor, Institute of energy Studies, Anna university, Chennai

AUGUST 2015

❖ The Department Symposium **"SWIVEL'15"** was held on 8th August 2015. SWIVEL 2k15 was inaugurated by   Dr Sundararajan, head and professor, Mechanical Engineering, IIT-Madras

OCTOBER 2015

- ❖ Our students participated in E- Bikes, October 11, 2015 at Karpagam College of Engineering and own 2 price and best innovation award and the details given below:

Sl. No	2nd Price	Best Innovation Award
1.	Mr. P. Darshan (2 year)	Mr. Abhishek N Chatrani (4 Year)
2.	Mr. A. S. Badrinarayanan (2 year)	Mr. Nitin M Sharma (4 Year)
3.	Mr. C.V. Haarish (2 year)	Mr. Chandan O Jain (4 Year)
4.	Mr.R.Balaji (2 year)	Mr. Abhishek Jain (4 Year)
5.	Mr. R. Krishna (2 year)	Mr. Manish Nahar (4 Year)
6.	Mr. Jai Prashanth (2 year)	Mr. Shreyans (EEE 4 year)

MARCH 2016

- ❖ Our students participated in ISIE- Electric solar Vehicle championship-2016, march 25, 2016 at Imperial society of innovative engineers(ISIE) in Bhopal, Madhya pradesh and own Outstanding contribution Certificate and best innovation award and the details given below:
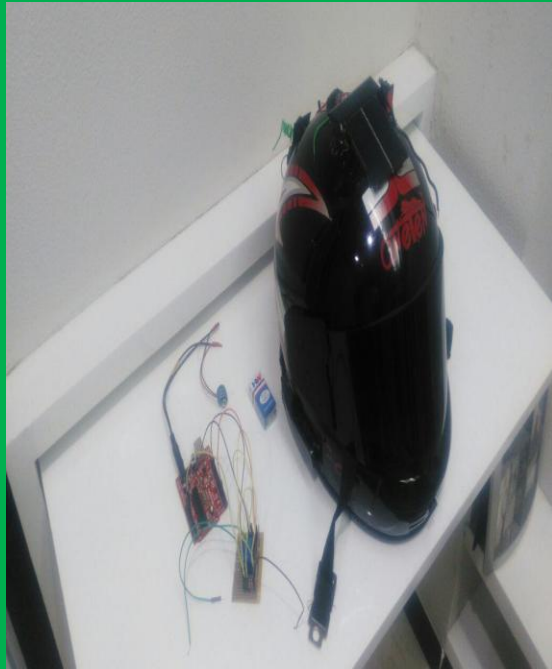
Sl. No	Name of students	ISIE Award
1.	M Rohit Bhandari	best innovation award
2.	R vishal	best innovation award
3.	G Naradran	best innovation award
4.	N allies nigen	best innovation award
5.	A manoj	best innovation award
6.	P gokulakrishnan	best innovation award
7.	R Hari krishnan	best innovation award
8.	S Nithyanadham	best innovation award
9.	A Agethiyan	best innovation award

10.	R Nameenathan	best innovation award
11.	B Adhithyan	best innovation award
12.	A narayanmoorthy	best innovation award
13.	R prakesh	best innovation award
14.	P Vignesh Kumar	best innovation award
15.	K siva prakash	best innovation award
16.	S suthirkumar	best innovation award
17.	V maganathan	best innovation award
18.	K Mohan raj	best innovation award
19.	V Vighesh	best innovation award
20.	A Prakask	best innovation award
21.	P Mukash(II year)	best innovation award
22.	A sanjay (III year)	best innovation award
23.	s.santhosh(III year)	best innovation award
24.	AS Meiyarasun(III year)	best innovation award

➢ **Our Nitin Sharma. M and AbhishekChatrani of Final year Mechanical students participated in Smart Helmet, held on 08 April 2016 in Velammal Engineering college in Madurai** and own first prices and best safety design award.

Chennai Boys 'Invent' Smart Helmet to Curb Drunk Driving

Final year Mechanical Engineering students Abhishek N Chatrani and Nitin Sharma M of MNM Jain Engineering College, Chennai, showing their 'Smart Helmet' project in Madurai on Friday | EXPRESS

Express News Service

Madurai: Two students from the Mechanical Engineering department of the MNM Jain Engineering College, Chennai, won the first prize at a contest for their 'Smart Helmet' that will not allow a motorbike to start if the rider is drunk.

Abhishek N Chatrani and Nitin Sharma M, final year students, showcased their prize winning 'Smart Helmet' at the sixth State Level Mini-Project Contest organised by the Mechanical Engineering Department of the Velammal College of Engineering and Technology (VCET) in Madurai, on Friday.

Talking about the idea behind the unique helmet, Abhishek said, "In 98 percent of motorbike accident cases, the riders are killed because they do not wear helmets. Also, a prime reason for accidents is riding in a drunken state, where innocent people on the road are affected. These factors inspired us to create a special helmet that will prevent people from riding when in a drunken state."

Explaining how the helmet works, Nitin said, "A sensor fixed inside the helmet is connected to a microcontroller, which is attached to the ignition switch. The system operates on a battery attached to the helmet, which has a back-up time of nearly eight hours. The battery can be charged with the help of a small solar panel attached to the helmet."

Nitin added that a Bluetooth headset attached to the helmet could help riders to avoid reaching for their mobile phones.

"The entire system looks big; we are working on making it smaller. We are also contemplating adding an indicator system that will work with the helmet," said the students.

Nearly 60 projects by students from different colleges across the state were displayed at the contest.

Abhishek and Nitin received a cash prize of ₹10,000. The second prize of ₹5,000 in cash was given to the team that created a 'Foot Operated Vehicle for A Physically Challenged Person'. The third prize of ₹3,000 was given to the students who created an 'Emergency Window Opening System'.

The Assistant General Manager of J. K. Fenner (India) Limited, Madurai G. Rajasekar, and MD of Infinity Engineering, Hosur, M Raj Agnesh, inaugurated the contest. The principal of VCET, N. Suresh Kumar, Head of the Mechanical Department G. Manikandan, and Assistant Professor M. Saravana Mohan were present.