



BEACON 18-02



ATV (ALL TERRAIN VEHCLE) RED FALCONS

A team of 30 students from Mechanical engineering had participated in Mega All Terrain Vehicle Championships held at Goa, between 18/03/2019 and 20/03/2019, being organized by Auto sports India.

WINING POSITION :

39th position at National level
5th position at State level.



THE STORY OF THE GENIUS WHO BROUGHT THE DARK TO LIGHT



Genius is one percent inspiration and ninety-nine percent perspiration.

I have not failed. I've just found 10,000 ways that won't work.

Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time.

In 1878, Edison began working on a system of electrical illumination, something he hoped could compete with gas and oil-based lighting.[46] He began by tackling the problem of creating a long-lasting incandescent lamp, something that would be needed for indoor use. Many earlier inventors had previously devised incandescent lamps, including Alessandro Volta's demonstration of a glowing wire in 1800 and inventions by Henry Woodward and Mathew Evans. Others who developed early and commercially impractical incandescent electric lamps included Humphry Davy, James Bowman Lindsay, Moses G. Farmer,[47] William E. Sawyer, Joseph Swan, and Heinrich Göbel. Some of these early bulbs had such flaws as an extremely short life, high expense to produce, and high electric current drawn, making them difficult to apply on a large scale commercially.[48] In 1878, Edison realized that in order to keep the thickness of the copper wire needed to connect electric lights economically manageable he would have to develop a lamp that would draw a low amount of current. This meant the lamp would have to have a high resistance.[49]

Hey there !!!!

I'm Beacon, the newsletter of department of Mechanical Engineering. I visit you all every semester highlighting the achievements of both faculties and students of our department. I serve to recognize talents, hard work and the efforts that has been put in to sculpt the honor of our department. I present myself before you with colossal pride once again.

I CARRY KNOWLEDGE !
I CARRY FUN !TURN OVER AND

FROM THE HOD'S DESK



GREETINGS TO FACULTY AND STUDENTS!

It gives an immense pleasure to release annual newsletter of Mechanical Engineering department for the year 2017. During last year, various curricular and co-curricular activities were conducted successfully by the department. Participation of Mechanical Engineering faculty in various training programs and International conferences was the most encouraging factor, which we want to continue in coming years also. Through periodic seminars, symposium, workshops, industrial visits and industrial training as integral parts of the course, the student were equipped with technical knowledge, critical thinking skills and creativity to excel in the engineering profession. An extremely dynamic and large faculty and a well experienced support staffs, give the Department a breadth of research focus and wide range of technical expertise. We are very pleased with the quality of the incoming students. It is up to us now to provide the same, if not better, learning experience for the enlarged study community.

VISION:

To Provide Knowledge centered education and prepare students for meeting global mechanical engineering challenges thereby enabling them to contribute for the prosperity of the society.

MISSION:

- * To impart quality education in mechanical engineering through teaching and learning process.
- * To promote students awareness about the importance of professional ethical practices.
- * To enrich the knowledge in mechanical engineering through research and innovation.
- * To inculcate the spirit of entrepreneurship among students.

PROGRAM EDUCATIONAL OUTCOMES (PEO)

1. Graduates of Mechanical engineering program will have a successful career in Mechanical Engineering and allied industries.
2. Graduates of Mechanical engineering program will have expertise in the areas of Design, Thermal, Materials and Manufacturing.
3. Graduates of Mechanical engineering program will contribute towards technological development through academic research and industrial practices.
4. Graduates of Mechanical engineering program will practice their profession with good communication, leadership, ethics and social responsibility.
5. Graduates of Mechanical engineering program will adapt to evolving technologies through lifelong learning.

PROGRAM SPECIFIC OUTCOMES (PSO)

- * PSO 1: Ability to implement new ideas in various fields such as thermal, industrial and product design & development while ensuring best manufacturing practices.
- * PSO 2: Ability to lead professional career in industries or an entrepreneur by applying engineering and management principles and practices.

EPITOME OF SUCCESS

SLNO.	NAME OF THE STUDENT	NAME OF THE COMPANY
1.	ABDUL RAHMAN J	INFOSYS
2	GODSON JOSEPH N	
3.	VASANTHAKUMAR H	
4.	SRI PRANAV LAKSHMANAN	
5.	ARUN KUMAR H	
6.	P.PRAKASH RAJ	
7	KIRAN BOSE A	
8.	HARI HARAN P	WIPRO
9.	BASIL JOHN MILTON M	AMAZON
10.	PRADEEP KUMAR V	ASHOK LEYLAND
11.	PAVITHRA L	
12.	HARI HARAN P	
13.	KARTHIKEYAN K	WHEELS INDIA
14.	VENUGOPALAN K	BONFIGLIOLI
15.	KARTHIKEYAN K	ASAHI INDIA GLASS LTD
16.	HARSHA VARDHAN B	
17.	PRAKASH RAJ P	
18.	PRAVEEN KUMAR M	
19.	ARUNACHALAM D	
20.	AKHIL RANADHEER K	
21.	MANISANKAR C	
22.	PRAKASH RAJ P	
23.	NIVAS G E EMERSON	
24.	BALA SUBRAMANI R	
25.	AKASH P NVH INDIA AUTOPARTS	
26.	VIGNESH A INDIA MART	NINJACART
27	MATHAN KUMAR S	
28	NISHANTH L	
29	PRAKASH S	ENA GAME STUDIO, PRIDE INDIA
30	SUNDAR SANKAR	CYIENT
31	REGAN FERNANDO	YES BANK
32	AJITH SURESH	
33	VIGNESH BASKARAN	

INDUSTRIAL VISIT

Industrial Visits are arranged from time to time by our college for all the students to interrelate on a consistent basis with Industries and top software companies. The intention of these visits is to boost the student's understanding of information expertise. Such visits will help the students to get a comprehensible thought of the happenings and also to extend their career in the high tech industrial requirements. An index of some companies which our students have visited as part of Institution Industry Interface:

(2016 – 2017 / ODD SEM)

CLASS	INDUSTRY	DATE
III-A	CUMI – MARAIMALAINAGAR	07-02-2019
III-B	MURUGAPPA MORGAN THERMAL CERAMIC LTD – RANIPET	09-02-2019
III-C	TVS MOTOR LTD – HOSUR	19-02-2019
III-D	NLC – NEYVELI	19-02-2019
II-A	DIAMOND ENGINEERING CHENNAI PVT LTD	05-02-2019
II-B	DIAMOND ENGINEERING CHENNAI PVT LTD	09-02-2019
II-C	ITC LTD – THIRUVOTTIYUR	09-02-2019
II-D	ITC LTD – THIRUVOTTIYUR	09-02-2019

GUEST LECTURE

Sl. No	Title of the Lecture	Date	Guest	Year
1	Vehicle Design	02.08.17	Mr.R.Rakesh, Managing Director, Ravitarka Pvt Ltd, Chennai.	II
2	Product Design using CAD/CAM/CAE Tools	04.08.17	Mr.S.Chinnadurai, CADDAM Technologies Pvt Ltd, Chennai	II
3	Underwater Welding	03.08.17	Dr.S.Vijayan Professor, SSN College of Engineering	III
4	Mechanical Engineering Failure analysis in machine design	08.08.17	Dr.S.Sureshkumar, Professor, SSN College of Engineering	III
5	Advance CAE Technique in design validation	09.08.17	Mr.S.Chinnadurai Structural Validation expert, CADDAM Technologies	IV