



Entrepreneurship Awareness Camp

EDITORIAL TEAM

Dr. Chidananda Gavimath, Special Officer, ED Cell & Biofuel Research Centre VTU, Belagavi, inaugurated the Entrepreneurship and Development Cell sponsored by VTU on 7th September 2017. Principal Dr. M S Govinde Gowda presided over the function. Dr. Manujesh B J, HOD, welcomed the gathering and unveiled the activities of the cell. The cell has proposed to undertake seminars, exchange visits and experience sharing programmes for farmers regarding Bio-Fuel development in the days to come. Correspondent Sri. Radhakrishna Baktha and Campus Director Mr. Vivek Ranjan Bhandary were present on the occasion.



Dr. Chidananda Gavimath empathised the importance of alternative fuels as a replacement to non-renewable resources. Assistant professor Mr. Harish S R proposed the vote of thanks.

Mr. Sudarshan M L
- Chief Editor
Mr. Akshay Kumar
Mr. Kiran Kumar N A
- Co- Editors
Mr. Akhil R
Ms. Priyanka R Prabhu
- Associate Editors



Career Development Programme

A One Day Seminar on Empowering Skills was conducted by Mr. Abhishek, Resource person from SMEC, O&G Construction and Inspections on 2nd December 2017. In his address he said that, engineers who stick on to automation field in spite of the tough start have had the most fruitful and long lasting career. With experience, it creates an unmatched demand in this industry such that the automation engineer gains full control in this sector with healthy remuneration. An automation engineer working in Industrial and Marine field gets the maximum job satisfaction as it becomes challenging and interesting.



Vision

“ To be a well-recognized department in providing conducive environment for learning, leading to well-qualified engineers who are innovative and successful in their diverse careers”.

Mission

M1: Students: To Prepare, educate, inspire and mentor the students to excel as professionals.

M2: Faculty: To Facilitate in academic and research activities.

M3: Infrastructure: To provide state of the art infrastructure facilities in the field of mechanical engineering.

M4: Teaching Learning: To improve pedagogical methods employed in delivering the academic programs.

THE WORLD IS THE GREAT GYMNASIUM WHERE WE COME TO MAKE OURSELVES STRONG.

-SWAMI VIVEKANANDA

Three days Faculty Development Programme

A 3 day Faculty Development Programme on, “Industry Orientation for Engineering Teachers” was held from 2nd to 4th August 2017. Mr. K. Ramashasthri, who is having industrial experience for over 50 years, was the resource person for these three days FDP. Principal Dr. M S Govinde Gowda presided over the function and convener of FDP Mr. Gireesh Hegde welcomed the gathering and Dr. Sekhar Iyer, Director, Department of MBA mentioned the importance of FDP’s. He explained the current trends and problems in industries with the help of good examples. In this programme Mr. Ramashasthri described the importance of ISO Standards, Industrial Maintenance and policies, Material Characteristics and its applications, Heat Treatment processes used in metal castings and processing and work study and ergonomics. About 40 faculties (Teaching and non-teaching) of Mechanical Engineering department made use of it.



Guest Talk on Bio-Fuels

Dr. Chidananda Gavimath, Special Officer, ED Cell & Biofuel Research Centre, VTU delivered a guest talk on “Bio-Fuels” on 8th September 2017 to the students of the department of Mechanical Engineering. He discussed the bio-diesel project undertaken by him and the various benefits derived from the project. Also, he planted a sapling of “Lakshmi Seed Plant” in VCET Campus. Around 150 students and Mechanical Faculties have attended and got benefited.



Clay Modelling Competition

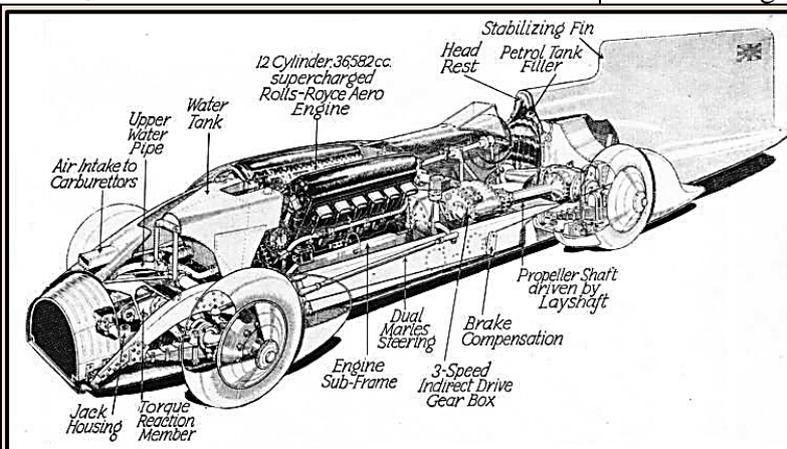
In order to bring out the creativity of the students, MESA organized the clay modeling competition on 11th of October 2017 with a theme of **super cars**. Total 48 teams from all the semesters have participated in the competition.



Faculty Recharge Programme

The faculties of the department have participated and delivered their course materials in their respective verties through Faculty Recharge Programme held from 21st to 25th August 2018. The objective of this FRP is to strengthen teaching skills and exchange the modern thoughts among faculties.

Engineering Wonder



Fast Car: Blue Bird

The overall length of the car was 26 ft 7 in and the overall width 6 ft 11 in The total weight was 10,900 lb, or nearly 5 tons. The engine was a twelve-cylinder supercharged Rolls-Royce aero engine as used by planes in the Schneider Trophy Air Race. The car carried 28 gallons of fuel, 27 gallons of water and 10 gallons of oil.”

ROBO-FLY

Robo-fly is a tiny, insect-sized robot designed by Harvard scientists. RoboBee or Robo-Fly weighs less than a gram and has superfast electric muscles that allow it to flap its wings 120 times per second and make tethered flight. It is made from carbon fibre. After 12 years of research by the Robotics team, this micro-robotics wonder work came into being after solving two key technical challenges – building a sub-millimeter scale for precise and efficient measurements, and creating artificial muscles for the fly.

