

### **Blended learning and Co-curricular Activities-**

Mrs S.Nithya Poornima organised Poster Competition for the students of II semester F section on the topic Energy resources for the subject Elements of Mechanical engineering on 27 Feb 2017. The students showed enormous interest on the topic. Basic outcome of the program was to develop communication skills, team work, and coordination and enable to understand the subject in better perspective. This event was judged and a cash prize was distributed by Dr Annama, Vice principal, BMSIT & M.



Students of II sem f sec participating in Poster competition



Dr Annama addressing the students and giving their feedback



Dr Annama giving away cash prize shared between Ragav team and Gagana team

Mrs S.Nithya Poornima organised an activity on “Think, Pair and Share” on the topic **Engine Management System** for the students of sixth semester for the subject Mechatronics and Microprocessor on 21/2/17. In this activity a video on the topic was shown. Students were allowed to discuss along with peers and asked to list the different sensors and the working of different sensors. The outcome of the program was to enable the students to understand a Mechatronic System and the link of several components and subsystems to work as a whole system. This enabled the students to apply conceptual knowledge to analyse the design and working of the system



Dr. Suresh.N organized the blended Learning that is a power point presentation was made by Mr. Kaushik Balasundar, a student of II Semester, Mechanical Engineering on Nuclear Power Plants and production of Nuclear power by fission and fusion reactions. He also dealt with the advantages and limitations of nuclear power in the PPT delivered on 14<sup>th</sup> February 2017



**Mr. Kaushik Balasundar, delivering a PPT on Nuclear Power Plants**

Dr. K. M. Sathish Kumar Conducted Quiz on the topic “Introduction to CIM and Automation” on 13<sup>th</sup> March 2017 which enables the student to apply the knowledge science and Engineering fundamentals to solve the engineering problems and also helps in Problem analysis.

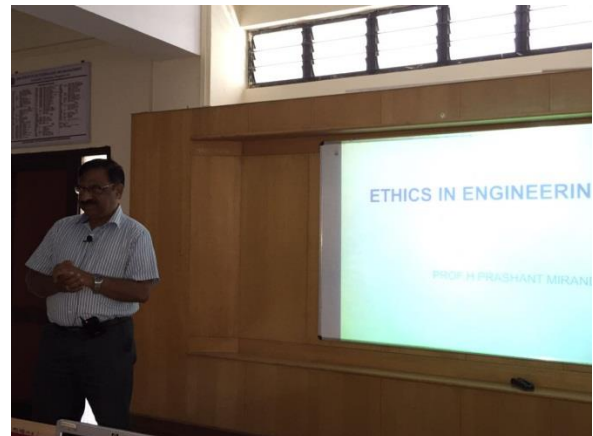
Dr.H.K.Govindaraju showed a video on springs and curved beams as a part of blended class for the sixth semester students on 21/3/2017 to enrich their knowledge on the same. This video enabled the students to understand the concept in a better perspective, there by understanding the advantages and the case studies enabled them with wide application knowledge

In association with the Mechanical Engg Dept, BMSIT & M, CADD Centre Bangalore, had organised First round of IDC (International Design Competition) at our college for IV and VI Semester students of mechanical Dept. on 10/03/2017 with a theme of free hand sketching and aptitude. 84 students were actively participated in the competition. Out of 87 students, 20 students were selected for 2nd round, which was conducted at CADD Centres (Mattikere and Malleshwaram) on 25th March 2017. Prior to the second round, students were trained on solid works software for 8 hrs. Madhusudhan K G Student of IV Semester, got selected for third round (Region Level) Date of competition is yet to be finalised.

Department of Mechanical engineering had organised a guest lecture on “Éthics in Engineering” for the first year students of Mechanical and Telecommunication Engineering branches on 11<sup>th</sup> March 2017,by Mr. Harry Prashant Miranda, Management Consultant, Sushant Resource Consulting, Mangalore and Visiting Professor, Berlin University and Alvas Engg. He delivered a lecture on what is ethics and its role in Engineering profession. His lecture had some videos on Engg. Ethics which helped the students to analyse the significance of values in engineering. As an outcome of the Lecture, the students were motivated to aspire better in their profession by abiding to all the morals and values of the engineering profession.



Students of II sem, ME and TCE attending the guest lecture on “Éthics in Engineering”



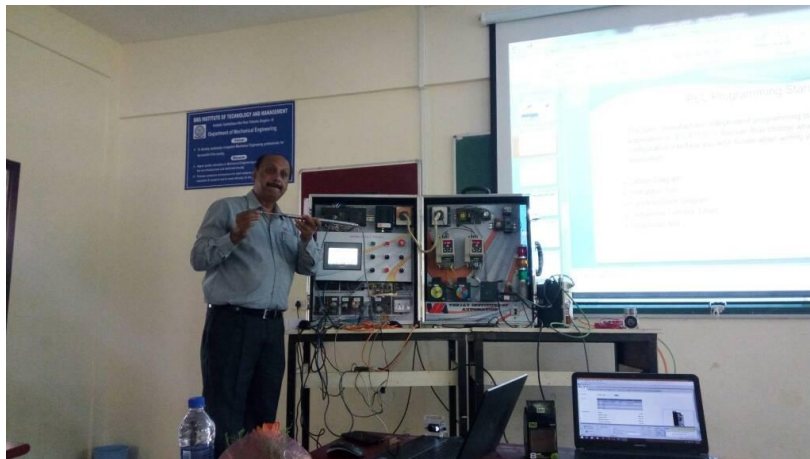
Mr. Harry Prashant Miranda, giving a talk on “Éthics in Engineering”

Mrs. B.J.Tejaswini, Asst. Prof., Dept. Of Mech Engg.,Organised a debate on the topic “Trump’s immigration plan” for 2<sup>nd</sup> sem ME students as a part of OBE on 28<sup>th</sup> March 2017 from 3.35 pm to 4.30 pm. Students actively debated and stressed on points like changes happening in the US policies, how immigration plans will affect the dependant countries ,world economy and education and employment opportunities of people throughout the world. Through this activity, students were able to do collect relevant data on the topic and analyse its effects. It provided a platform for the students to exhibit their communication skills.

One day training on “Vibrations and its measurements” was conducted on 24<sup>th</sup> March 2017 for the 2<sup>nd</sup> sem M tech (Machine Design). Mr Ramakrishna, Director, Air Labs Pvt Ltd Bangalore had discussion with the students and helped them in analysing the concept through experiments.



Mrs S.Nithya Poornima organised a talk on “Advances in Mechatronics” by Mr Venugopal, Managing director of Venjay Automation for the sixth semester students on 3/3/17. The speaker enhanced knowledge of the students on the various applications of sensors and encoders through videos and kit. This practical demonstration helped students to understand the subject in a better perspective. The advantages and applications of relays, sensors and encoders was highlighted to students.



Mr Venugopal demonstrating the working sensors

An visit to Visvesvaraya Technological Museum was organised to the students of II semester Electrical, Mechanical and Telecom as a part of Blended learning for the subject elements of Mechanical Engineering on 20/4/2017. This visit enabled the students in analysing the concepts in a better perspective especially on I.C.Engines, Energy resources and various other concepts. The following faculties Mr Jagdeesha Mrs S.Nithya Poornima, Mrs B.J.Tejaswini and Mrs Manjula accompanied the students



A visit to Visvesvaraya Technological Museum

The Aero club was an initiative from the students of IV semester Mechanical. Their move was appreciated by our Principal and HOD Mechanical and on 5<sup>th</sup> May 2017, the Aero club was formally inaugurated by the Chief guest **Mr.Ganesh Laxmanmurthy** from Probiz IT Pvt Ltd. The inauguration was followed by a one day workshop on Drone building.



The Aero club team with HOD, Dr.H.K.Govindaraju



Students are being trained on drone making

Mr Sundaresh.S has conducted a Quiz as a part of Blended learning for the students of fourth semester For the subject Mechanical Measurements and Metrology on 26/5/17.This activity enabled the students a easy way to study and in the process of improving one's knowledge. The students were enriched with analytical and reasoning skills

Mrs S.Nithya Poornima organised an talk on "Instruction set of 8085 Microprocessor" by Mrs Bharathi , Associate Professor, CSE Department on 12/5/2017. This talk enabled the students in understanding the basic fundamentals of programming using the instruction set.



MRS Bharathi delivering lecture on "Instruction set of 8085 Microprocessor"