

Staff club coordinator Mr. Yashvanth organized a Social Service Activity at "Shree Geeta Ashram", Mysore Road, Bengaluru on 15th Nov 2017. Sports equipments was distributed to the as a part of this social activity



HOD and staff members with the children at the Ashram

The department theme for the Ethnic Day on 13th Nov, 2017 was Kerala tradition. All the faculty members and the students of the department were dressed in the Kerala attire on the occasion.



Art work done using flowers by one of the students

The space was beautifully decorated as the Keralites actually do during Onam. Also the cultural performance in the auditorium was related to the same theme. The beauty and the beast play was performed in the Kerala version.



Students in their costumes along with co-ordinator Ms. Smitha

Students from Govt High School, Kengeri-Upanagara visited the department as a part of education tour. Working of lathe machines was explained to them. Also general information like what measures to be taken to get into engineering was given to the students.



Mr. Shankar & Mrs. Chaitra from the department guiding the students

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**Department of Mechanical Engineering**



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#### Vision

To become a center of excellence and a platform in diversified fields for the aspirants in Mechanical Engineering.

#### Mission

- To impart comprehensive education in the field of Mechanical Engineering to produce highly accomplished graduates
- To endow technical & soft skill trainings to foster professionalism and ethical values among students
- To induce innovative thinking among students through projects and research work

#### Orientation Programme

Orientation programme was conducted for all the staff members of the department on 4th Aug 2017, wherein the newly joined staff were introduced to rest of the department. A total of 8 teaching and non-teaching staff were hired to the department for the odd semester August 2017. Orientation session was conducted for both the teaching and also the non-teaching staff. HOD addressed the roles and responsibilities of the staff for the upcoming semester. The newly joined staff were informed about the dress code which was to be strictly followed and also the rules and regulations of the college were told to them. Also HOD informed everyone about the NAAC visit to the college, which was to be held in September. A brief talk about the tasks to be performed for the NAAC visit was discussed during this orientation session



Newly joined staff introducing themselves during the orientation programme

As per the TEQIP norms, an orientation session was conducted on Aug 7th 2017 for the students of 3rd semester to welcome them to the department. HOD addressed the students about their responsibilities and stressed on the importance of mini-projects, internships & industrial training.



Orientation programme conducted for UG and PG students



Orientation programme was conducted also for the newly joined MTech students on Oct 7th 2017. HOD addressed them the about the code of conduct to be followed and the responsibilities of the students. Also the students were informed about the 17 committees formed by the college for the betterment of the students. Students were asked to focus more on internships and projects, and told them how their work could help in publishing papers and journals. Also students were advised to do more of research related work which would help them in their future career.

#### NAAC Team Visit

The NAAC team visited the college during the period Sep 14th to 16th 2017. The delegates from the NAAC team visited the department on the second day of their visit. They visited most of the labs and were impressed about the setup of Flexible Manufacturing System in the CNC lab. It was mentioned by the team in the NAAC report that Mechanical labs are very well maintained and highlighted about the tidiness. So it is a privilege to share this information.





**Students demonstrating their project work to the NAAC team**  
**Workshops**

Two workshops were conducted during the semester. Mr. Gangadhar.T.G, Assistant Professor from the department successfully guided and helped for the completion of these two workshops. The first workshop on Solid Modelling was conducted on Oct 11th 2017. The talk was given by Mr. Pruthvi, Application Engineer, Mahadev-Consultant, Beacon Solidworks, Bengaluru. A detailed description about the software, all its features and its wide application in different fields of mechanical engineering and its use in real-time applications was discussed by the speaker. A three hour session was conducted in the CAMA lab for all the staff members of the department.



**Workshop on Solid Modelling for the faculty members**

The second workshop was conducted on 3D Printing in the Aryabhata Seminar Hall for final year students and also for the faculty members on Oct 25th 2017. A talk was given by Mr. Sreenath . P. Polackal from EMI Product, Bengaluru about the 3D printing technology and a live demonstration was also shown to the gathering. Training on how to prepare a 3D solid model was given to Mr. Bhanuprakash, Assistant Professor from the department.



**Workshop on 3D Printing for the students and the staff**

### **Staff Development Programme**

A three day Staff Development Programme (SDP) was conducted from Dec 21st to Dec 23rd 2017 on Flexible Manufacturing System in association with Abhiyantrana Technologies, Bengaluru. Mr. Sharanappa.D , Business Development Manager from Abhiyantrana Technologies was the dignitary for the occasion. The inauguration was held at the Library Seminar Hall. Training was given to the technical staff members of the department, also technical staff members from various institutions were invited to be a part of this event. They were initially given theoretical knowledge on CNC machines and then they were taught to run the program on the software CNC TRAIN and later on hands on experience was given on the FMS machine present in the CNC lab.



**The inauguration function of the Staff Development Programme**

The lectures and training were given by the in-house staff members Mr. Lohith Kumar, Mr. Gowtham, Mr. Uday. M, Mr. Manjunath Naik, Assistant Professors from the department. The 3-day workshop was successfully completed under the guidance of Dr. Vitala and Associate Professor Chandrashekar.

### **Guest Lectures**

Two guest lecture talks were held during the semester. Mr. Sanjay B.S, Assistant Professor from the department successfully guided and helped for the completion of these two guest lectures. One guest lecture was given on Quality Control Management by Mr. Rakesh Dodamani from Customized Technologies Pvt Ltd. on Nov 21st 2017. A detailed talk was given to the 5th semester students on basics of geometric dimensioning & tolerances and its necessity.



**Lecture on Quality Control Management**

One more guest lecture was given on Intellectual Property Rights on 4th Oct 2017. The talk was given by Mr. Satyajith & Mr. Himatesh Reddy from Jackfruit Software and Systems Pvt Ltd. It was addressed to the 7th semester students and also the faculty members of the department. A detailed talk on patents was given i.e. how to fill a patent, what is its duration, validity, how to renew it and what are the expenses involved.



**Lecture on Intellectual Property Rights**

### **Alumini-Student Interaction**

Three Alumni-Student interaction were conducted during the semester in the department. Mr. Bhanuprakash, Assistant Professor from the department got in contact with the alumni and helped in successfully conducting three alumni-student interaction. Mr. Vinay G (batch 2011-2015) who is currently working in DNGM Industries Pvt Ltd., Bengaluru gave a talk on 31st Aug 2017. The talk was given to 5th semester students on importance of product design, design and sketching techniques in companies.



**Alumini-student interaction**

Mr Rohit Raja & Ms Bhuvana S Raman (batch 2012-2016) who are currently working as Graduate Trainee Engineers for Lufthansa Technik India Ltd, Bengaluru gave a talk on 23rd & 26th Sept 2017. One of them spoke to 3rd semester students about off campus jobs & importance of subject related domain. And the other spoke to 7th semester students about the importance of industrial experience required for higher studies.

### **Industrial Visit**

Two industrial visits were conducted for the students during the semester. Industrial visit to KSRTC Regional Workshop, Kengeri was held for 5th semester students on 28th Oct 2017.



**Students at KSRTC Workshop**

Industrial visit to Toyota Kirloskar Auto Parts Pvt Ltd., Bidadi was held for 5th semester students on 28th Oct 2017. Both the industrial visits were successfully conducted under the guidance of Mr. KarthikRaj, Assistant Professor.



**Students at the Toyota plant**

### **Extra-Curricular Activities**

Quiz on Current Affairs was conducted for all the students of the college at the Aryabhata Seminar Hall on Nov 8th 2017. This event was jointly conducted by the coordinators from Mechanical and Civil department.



**Quiz coordinator Mr. Naveen conducting the quiz for the students**