

Staff Club Activities

A Social Service Activity was held at "Krishna Chaitanya Residential Special School" for Mentally



(Some pictures from the two-day staff trip)

Challenged Children in Halebyrohalli, Mysore Road on July 4th, 2019. The staff club of the department also organized a staff trip activity to Chikmagalur, Mullayanagiri and Yagachi back waters, on July 9th & 10th, 2019.

Additional Coaching for Students

Coaching classes on GATE competitive exams by The GATE Academy was arranged for 6th and 8th semester students on Feb 18th, 2019. Coaching classes on GRE/IELTS by Yes Germany was arranged for 8th semester students on March 5th, 2019.

Extra-Activities

Department Technical Fest MPower-19 was held on April 10th, 2019. The event was inaugurated by the HOD Dr. T Madhusudhan wherein the faculty members of the department participated in the event Gymholics and gave a kick start to the technical fest. Various technical & non-technical events were conducted as a part of this event. Also there was an auto-expo in front of the department which was the main highlight of the event.

An intra-collegiate Quiz & Debate competition was jointly organized by Mechanical and Civil department (Co-ordinator from Mech dept - Mr. Naveena Kumar R R) on April 3rd, 2019. The topic for debate was based on current issues & education related issues and for the quiz was Entrepreneurial Quiz.



Some pictures from the Mech fest MPower

Ram Navami festival was celebrated at the department on March 29th, 2019. After the pooja, prasadam was distributed to the students and the faculty members of the college.

Project Exhibition for the final year students was held on May 10th, 2019 in front of the department. Also we are proud to inform that 3 of these projects have been funded by Karnataka State Council for Science & Technology (KSCST). An amount of Rs 24000 altogether has been received for the these three projects which were guided by Mr. Krishnamurthy N K, Naveena Kumar R R & - Dr. Sanjay Kumar S M respectively.

Farewell function for the final year students was held on May 24th, 2018 wherein the students were sent off with a memento and a lunch was organized for the gathering.



One of the KSCST funded project

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Department of Mechanical Engineering



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MECHMERISE

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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

Program Educational Objectives (PEO's)

PEO-1: Progress their career as a professional in mechanical engineering and interdisciplinary fields

PEO-2: Become successful entrepreneur with social responsibilities and ethical values.

PEO-3: Pursue higher education and involve in research of allied areas in mechanical engineering.

Orientation Programme

As per the TEQIP norms, an orientation session was conducted for all the teaching & non-teaching staff members and also for the PG & the UG students during the start of the even semester 2018-19. The HOD addressed the roles & responsibilities, code of conduct and about the different committees that are present for the welfare of the students. Everyone was strictly informed to abide by the rules & regulations of the department and the college.

Student Workshops

Two student workshops were conducted. The first workshop was conducted for 2nd year students on Automation by Mr. Milind Tavere, Assistant Manager, Bosch Rexroth India Pvt Ltd and in-house faculty members on 16th & 17th January 2019 at the Bosch Rexroth Centre of SJBIT, wherein the students were taught to work on different machine setups. The next one was in connection with FESTO wherein the



(Principal & HODs at the FESTO Expotainer)

Expotainer (exhibition vehicle of FESTO pneumatic applications) was stationed in the campus for two days on 5th & 6th March, 2019. Extensive training was given to students from Mechanical, Civil & Electrical & Electronics departments. Engineers from FESTO, Mr. Sameer and Mr. Karthik explained the dearth of pneumatic controls, devices & latest equipments, applications and customers related to their products in present industrial scenario.

Staff Development Programme (SDP)

A three day (SDP) was conducted for the technical staff members from various colleges from 3rd to 5th Jan 2019 on Laboratory Record Maintenance & Work Ethics in association with CADD centre. The





event was inaugurated by the Principal at the Aryabhata Seminar Hall of the mechanical department. The following trainings and session were conducted during this 3-day workshop : (i) Safety measures addressed by Dr. H R Vitala (Professor), (ii) Etiquette and work ethics addressed by Mr. Vivekananda Dimbam, UGC member, (iii) First Aid in laboratory addressed by Dr. Abhijith Y V and team from BGS, (iv) Discipline at laboratory, entry and upkeep of lab records & its importance addressed by Dr. Mahendra Prashant (HOD, ECE Dept. SJBIT), (v) Hands on experience on Digital Record Maintenance using MS Office, MS Word & Google sheets by Assistant Professors Mr. Uday M, Mr. Sanjay B S & Mr. Bhanuprakash N, (vi) Introduction to 5S and record maintenance procedure at industries by Mr. Santosh from Toyota Kirloskar and (vii) Maintenance of records procedure at Govt. bodies addressed by Mrs. Rathnamma from ISI, Bengaluru.

National Conference

National Conference titled "Topical Transcend in Mechanical Technology" (TTMT) was held on May 4th, 2019. Common inaugural function for all departments was held at CSE Seminar Hall presided by the



(Principal with all HODs and the chief guest at the inauguration)

Principal Dr. Puttaraju and the Chief Guest Mr. Sunil Deshpande, Delivery Center Head, TCS. A total of 28 papers were presented on different areas related to Product Design and Manufacturing, Material Science (mainly Composites), Finite Element Methods (FEM), Non-Conventional Energy Resources and others. Alongside, parallel technical sessions chaired by Dr. Kiran Kumar P, Dr. H R Vitala (Professors, Mech Dept SJBIT), Dr. Puttaboregowda (Prof. MSRIT) & Dr. Siddesh (Prof. & HOD ACS College of Engineering) was held at Aryabhata Seminar Hall of the department.

Guest Lectures

Two guest lecture talks were held during the semester for the UG students. Mr. Sanjay B.S, Assistant Professor from the department successfully guided and helped for the completion of these guest lectures. Dr. Sinu.E (Psychiatrist - National Institute Of Mental Health And Neuro Sciences Hospital), addressed the 8th sem mechanical engineering students on the topic "Healthy Usage of Social Networking Sites & Technology Addiction" on 19th February, 2019. He



(Guest Lecture by Dr. Sinu on HUSNS)

spoke about the damages that are caused on the youngsters due to the online games addiction and the cases he has treated for the same. Brigadier Amardeep Singh - alumnus of National Defence Academy (NDA) & Indian Military Academy (IMA), addressed the students of 8th semester mechanical engineering on the topic "Nation Building with Indian Army" on 27th March, 2019. He addressed the students about the command structure of our Indian army. He also spoke about the selection process and the eligibility criteria required for the same.



(Guest lecture on Nation Building with Indian Army)

Alumini-Student Interaction

Two Alumni-Student interaction were conducted during the semester in the department. Mr. Thirumala S V, Assistant Professor from the department got in contact with the alumni and helped in the successful conduction of these alumni-student interactions. On 9th April 2019, Mr. Suraj Upadhyaya (batch 2013-17) who is currently working in BHEL, Bangalore as a GTE in Production department interacted with 8th sem students and addressed topics related to the importance of communication skills for fresher's and how to bridge the gap between the academics and industry requirements. On 18th April 2019, Mr. Chandan S (batch 2012-16) who is currently working in Toyotetsu India Pvt. Ltd., Bangalore as Quality Control Engineer and Mr. Ganesh P B (batch 2014-18) who is currently preparing for RRB exam interacted with 6th sem students. They shared their experience on how to prepare for entrance exams and how to face interviews in the company during recruitment.



(Mr. Suraj Upadhyaya addressing the 8th semester students)

Industrial Visit

3 Educational Tours were conducted for the students of mechanical engineering. The internship students & faculty members from Bosch-Rexroth visited Indian Machine Tool Exhibition (IMTEX-2019) at BIEC on Jan 29th, 2019. Next, the 8th sem students visited Future Mobility Show at BIEC on 27th Feb, 2019 who were accompanied by HOD & staff members.



The 6th sem students were taken to Goa & Dandeli from 4th to 7th May, 2019. During this education tour they were taken to Linganamakki Hydroelectric Power Plant in Sharavathi. They also visited an industrial plant to know more about tidal energy. Students and faculty also took part in various sporting events during this visit to Goa. Students were accompanied by the faculty members Mr. Lohith Kumar, Mr. Abhijth Gowda, Mrs. Chaitra B K during this visit. All these visits were successfully conducted under the guidance of Mr. Karthik Raj, Assistant Professor.

Parents Teacher Meeting

PTM was successfully conducted at the Aryabhata seminar hall of the department on March 30th, 2019. Around 100 parents participated and expressed their happiness regarding the interest taken by the department about their wards. Proctors individually discussed the performance of the students with the respective parents.



(Faculty members interacting with the parents)