



NEWSLETTER

MExpress



Department of Mechanical Engineering, KUMARAGURU COLLEGE OF TECHNOLOGY

Vision: To facilitate mechanical engineering education, research and services that contributes to the advancement of scientific knowledge leading to social development.

Mission: The Department is committed to provide quality education and training with emphasis on engineering fundamentals and applications to the students to be competent professionals with ethics. The department executes research and provides engineering services for sustainable development of society.

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Programmes Organized

Following Guest Lectures were organized in the department:

- "Geometrical Dimensioning and Tolerancing" was conducted on 16.11.2017. Mr. Er. D H Sayed Habees, Technical Director, Rank Metrology Services, delivered the lecture.



Guest lecture was coordinated by Dr. N. Sangeetha, Sr. ASP/ME and Mr. S. B. Nithyananth, AP (SRG)/ME.

- "Importance of Students Enrolling in a Professional Society - Coimbatore Productivity Council (CPC) on 17.11.2017. Mr. N. Venkitesan, Executive Officer, CPC addressed the students about the importance enrolling in a professional society.



Around 39 students from 3rd and 2nd year alongwith 3 faculty members enrolled as professional society member in the CPC. Event was organized by Mr. M. A. Vinayagamoorthi, AP-II/ME & Mr. R. S. Mohan Kumar, AP/ME

- “Achieving Excellence” was conducted on 20.11.2017. Mr. Karthik. S, Training Manager, Aditya Birla Capital, Coimbatore motivated the students for achieving the excellence.



Mr. B. N. Sreeharan, AP-II/ME coordinated the event.

- Guest Lecture on "Opportunities in Government for Mechanical Engineering Candidates" on 11.11.2017. Mr. N. Krishna Swamy, Sub-Registrar, Erode, delivered the lecture.

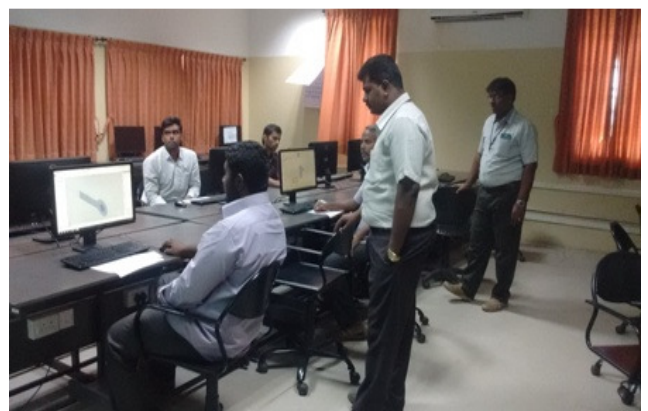


Guest lecture was coordinated by Mr. P. R. Ayyappan, AP (SRG)/ME and Mr. S. Suresh, AP/ME.



- For enriching the knowledge in modeling and assembly using Solidworks 2017, a Two days workshop on “Hands-on training in modeling to industry persons using Solid works 2017” conducted during 27.11.2017 and 28.11.2017

Workshop was coordinated by Dr. V. R. Muruganantham, ASP/ME, Mr. R. S. Mohan Kumar, AP/ME & Mr. M. Thirumalaimuthukumaran, AP-II/ME.



For improving the skill of final year Mechanical Engineering students in group discussion and “Activity Based Personality Development for Placement” was organized by the department during 11.11.2017 and 13.11.2017. The activity was conducted by the Department of English, KCT.



Activity was coordinated by Mr. M. Ramesh Kumar, AP/ME, Mr. P. Karthi, AP/ME, Mr. P. Pradeep, AP/ME and Mr. P. D. Devan, AP/ME.

- A DBT sponsored STTC on “Extraction Process Design, Isolation, And Applications of Polyphenols and Value Added Biomaterials” was conducted between 23.10.2017 and 05.11.2017. Dr. R. Subramanian, PSG College of Technology, Dr. R. Saravanan, Dr. Mahalingam College of Engineering, Dr. A. Srinivasan, CSIR, Govt of INDIA, Dr. K. L. SenthilKumar, Bannari Amman Institute of Technology, were the distinguished chief guests among the other guests who delivered the lectures.



Dr. V. Muthukumaran, HoD/ME was the Course Director of the STTC. Dr. C. Velmurugan, Prof./ME, Dr. A. P. Arun, AP – II/ME, Mr. V. R. Navaneeth, AP/ME were Co-ordinator of the STTC from the Mechanical Engineering Department.

- A Training programme was conducted for the technicians of Lakshmi Electrical Drives Ltd, Coimbatore on “Thermal image camera” for motor load testing on 06.11.2017.



Programme was coordinated by Mr. Jeeva B, AP/ME, Mr. Sivakumar. S, AP-III/ME and Dr. R. Manivel, Prof./ME.

Conference / Workshop participation

- Mr. Jeeva B, AP/ME, participated an "R&D workshop at Yokogawa CoE, KCT on 04.11.2017.
- Following faculty members participated in a AICTE Sponsored two days National Seminar on Vibration and Noise Engineering at Dr. Mahalingam College of Engineering and Technology, Pollachi during 10.11.2017 and 11.11.2017.
 - Mr. M. A. Vinayagamoorthi, AP – II/ME
 - Mr. R. S. Mohankumar, AP/ME
- Following faculty members participated in a Faculty training on Advanced Features in Solidworks 2017 & Workgroup PDM conducted by the department during 30.10.2017 and 31.10.2017



- Dr. V. R. Muruganantham, ASP/ME
- Mr. S. B. Niyathananth, AP (SRG)/ME
- Mr. M. Thirumalaimuthukumar, AP-II/ME
- Mr. T. Karuppusamy, AP-II/ME
- Mr. M. A. Vinayagamoorthi, AP-II/ME
- Mr. B. N. Sreeharan, AP-II/ME
- Mr. S. Rajesh, AP/ME
- Mr. R. S. Mohankumar, AP/ME
- Mr. K. Vijay Anand, AP/ME
- Mr. P. D. Devan, AP/ME

Paper Publications

- Mr. Manikandaprasath K, AP/ME published a paper titled "Implementation Of Value Stream Mapping Technique for Operation Enhancement in an Industry: A Review" in the International Journal For Research & Development in Technology, Vol. 8, Issue No. 5, Page Nos. 104-109.

- Mr. Nithyananth S B, AP (SRG)/ME published a paper titled "Hybrid Solar Desalination And Water Heating System: A Review" in the Journal of Advanced Research in Dynamical and Control Systems, Vol. 9, Issue No. 1, Page No. 14.
- Mr. Sivakumar S, AP- II/ME published a paper titled "Experimental Investigation of an Indirect Type Nanocoated Flat Plate Solar Collector for Drying Purpose" in the Journal of Advanced Research in Dynamical and Control Systems, Vol. 9, Issue No. 14, Page Nos. 1257-1274.

Consultancy

Mr. Jeeva B, AP/ME, rendered consultancy work for Mr. K. Sivasubramani, on "Determination of calorific value of oil using Bomb calorimeter" and generated revenue of Rs. 1000/- for the institution.

Paper Reviewed

Dr. S. Balasubramanian, ASP/ME reviewed a paper titled "A Comparative study on fabric efficiency in apparel industry" for Textile Research Journal, an International Journal.

Industry – Institute – Interaction

Dr. V. Muthukumar, HoD/ME visited M/s. Technoverse Industry Automation Works, Selvapuram South, Coimbatore and M/s. Staan Bio-Med Engineering Private Limited, Coimbatore and initiated the following for the benefit of students. Internships, projects, industrial visits, expert lectures, career, one credit courses, etc.

Industrial Visits

- M. E. – Industrial Engineering students along with Dr. S. Balasubramanian, ASP/ME visited M/s. DOITER CASTINGS (Aluminium Pressure Die casting Unit), Coimbatore on 18.11.2017.



- II year B. E. – Mechanical Engineering 'C' Section students along with Dr. S. Balasubramanian, ASP/ME and Mr. T. Karuppusamy, AP/ME visited M/s. Spindraft Industries, SIDCO, Coimbatore on 22.11.2017.



Students Achievements

- Mr. Sunil Prasad, Mr. Dharsin, Mr. Sathya soorya, Mr. Murali, Mr. Venkatesh, Mr. Sanjay, Mr. Rakesh from 3rd year Mechanical 'C' Section and Mr. Srivatsan from 3rd year Mechanical 'A' section had won KCT 5'S trophy conducted on 14.11.2017.



- Mr. Guruselvaprasath. S from II year Mechanical 'A' Section won silver medal on 110 meter hurdles conducted by Anna University in Nehru Stadium, Coimbatore.



- Following students from III Year Mechanical Engineering Department attended the Guest Lecture on "Geometrical Dimensioning and Tolerancing", conducted by the department on 16.11.2017.

- Mr. RM. Valliappan, 15BME078
- Mr. N. Manikandan, 15BME061

Mechanical Engineering Association

- Organized a one day Guest lecture on "Entrepreneurship development". Lecture was delivered by Mr. Venkatesh on 08.11.2017.
- Organized "Face Behind the Mask" - A Skill development training for 1st year mechanical students. About five courses were conducted for the students. For the five courses, students were selected based on the interest and a quiz was conducted for selecting students based on the same stream they chosen. The courses were conducted by final year students.

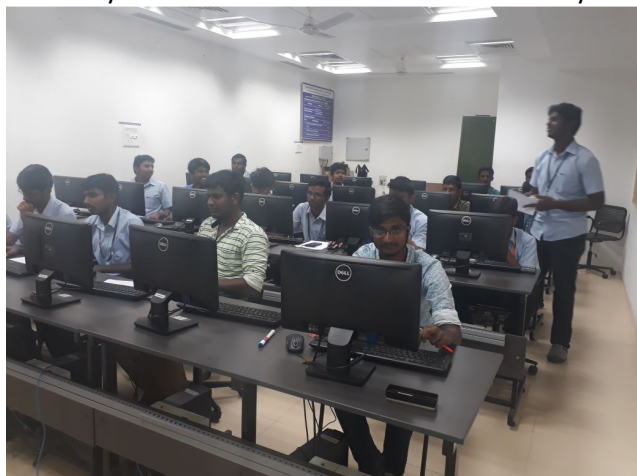


- List of the five courses that were conducted are:

1. Components of Lathe
2. Components of welding
3. Arduino Programming
4. Modelling
5. Vehicle Overhauling

MECH MASTER

Winners for this month of MECH MASTER event which was organized to test the skills and knowledge of our students in Technical aspects are Mr. Siva Adhavan from 3rd year and Mr. Gokul Anandhan from 2nd year.



It was successfully conducted by Mr. Akilan from III Year B. E. Mech and Mr. Arun K from II Year Mech. 'C' section.

Mr. MECHANIC

This month Mr. Mechanic of the department is Mr. Balaji. P of II Year Mechanical 'B' Section which was organized every month to test the skills and knowledge of students in Technical aspects. It was successfully conducted by Mr. Mahendran, III Mech. A. It was conducted on 18.11.2017.



In addition to the above, the association conducted Executive selection for 1st year students. About 50 of the students applied for executive posts through online. MEA selection committee conducted the interview for the applied students and shortlisted 20 students and announced them as MEA family.



Selected 1st year students are

Mr. Tamil selvan R
Mr. A. M. N. Pathma Guru Raja
Mr. P. Kapil anandh
Mr. Kanishkan
Mr. Umapathi
Mr. Naveen Krishnan.K
Mr. Sathya Prakash M
Mr. Aravind Soorya.M
Mr. Rameshkumar R
Mr. Rushethra. P. N
Mr. Pradheep
Mr. Vignesh Sabarish
Mr. Kavinprasanth. S
Mr. Rojan S
Mr. S. Pradeep
Mr. Gerald Jacob
Mr. A. Srinivasa kumar
Mr. Sanjay. K
Mr. Rahul
Mr. Manish kumar

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