

# CANARA ENGINEERING COLLEGE

MECHANICAL ENGINEERING DEPARTMENT

*NEWSLETTER*

# MECH MIRROR

VOLUME 13, ISSUE 1, FEBRUARY 2024

## Department Vision

*To impart state of the art quality mechanical engineering education and create competent professionals.*

## Department Mission

**M1:**Imparting engineering education through experienced faculty, good infrastructure and a systematic teaching-learning process.

**M2:** Providing an environment for the application of gained knowledge to design and develop products for society, industries and research activities.

**M3:** Promoting high standards of professional ethics and accountability

## EDITORIAL BOARD

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Mr. Gowrish Nagvekar B

Assistant professor

### Student coordinators:

Mr.T Pranav Pai	5 <sup>th</sup> Semester
Ms. Anusha G Shetty	7 <sup>th</sup> Semester

## STUDENT NEWS

### ➤ PLACEMENT ACTIVITY

The Placement process is ongoing and a total of 02 final year students have been currently placed.

Company	Name of the students placed
Technologies	Mr.Prajwal T Ganiga
INDO MIM	Mr.Nitesh Nayak

## CURRICULAR ACTIVITIES

### ➤ INTERNSHIP DETAILS

Students have undergone Internship training in following organizations.

1. Innvolution Pvt Ltd, Bangalore
2. V R Industries Sasthan
3. Solara Active Pharma Sciences Ltd, Baikampady, Mangalore.
4. RDL Technologies Pvt Ltd, Adyar Mangalore

The internship program offered students a valuable exposure to industrial work culture, emphasizing on Modelling, Machining using CNC and NC machines, and CNC programming. This hands-on experience enabled students to familiarize themselves with various tools and software used in machining operations, enhancing their skills significantly.

By working on industrial projects during the internship, students were able to apply their theoretical knowledge in practical scenarios, gaining a deeper understanding of the subject matter. This experience not only improved their technical skills but also provided them with a glimpse into the professional world, preparing them for future careers in the industry.

Overall, the internship proved to be a valuable learning experience for the students, equipping them with the skills and knowledge required to excel in the field of mechanical engineering.

### ➤ INDUSTRIAL VISIT

The students of Mechanical Engineering Department are immersed in the study of manufacturing activities, delving into various machining techniques, operations with different machines, assembly processes, and inspection methods. To bridge the gap between theoretical knowledge and practical application, the department organized a visit to BEML, a renowned organization in the industry. This visit was a crucial opportunity for the students to witness real-world industrial scenarios firsthand, gaining valuable insights into the actual procedural aspects of manufacturing.

At BEML, students were exposed to the operational intricacies of industrial machinery and processes, allowing them to correlate theoretical concepts with practical implementation. They had the chance to observe how different machining techniques are employed, witness assembly processes in action, and understand the importance of rigorous inspection methods in ensuring quality standards.

The visit to BEML proved to be an enriching experience for the students, as it provided them with a comprehensive understanding of manufacturing practices and industrial operations. It enabled them to grasp the complexities involved in industrial processes and appreciate the significance of precision and accuracy in manufacturing activities. Overall, this practical exposure played a pivotal role in enhancing the students' comprehension and appreciation of the subjects related to manufacturing in their curriculum.



## CULTURAL ACTIVITIES

Ayudha Pooja, organized under the cultural committee, was a celebration of grandeur and cultural richness. The event featured a plethora of cultural activities that showcased the vibrant cultural heritage of the region. The festivities commenced with a procession of Goddess Sri Durgaparameshwari, which commenced at 11:00 A.M from the college's main entrance. The procession was accompanied by traditional musical instruments like Chende, Nashik Band, Pili Gobbu, and Mahishamardhini Dance, adding to the festive fervor.

Following the procession, the main Pooja ceremony commenced at 1:00 P.M, where students and faculty members participated with great enthusiasm. The Pooja was conducted with traditional rituals and prayers, creating a spiritual ambiance. As a conclusion to the festivities, prasada was distributed to all the members present, symbolizing blessings and prosperity.



The Ayudha Pooja celebrations not only provided a platform for students to showcase their talents but also served as a reminder of the rich cultural heritage that binds the community together. The event fostered a sense of unity and harmony among the participants, making it a memorable and enriching experience for everyone involved.



## CONFERENCE, WORKSHOPS, FDP ATTENDED AND PAPER PRESENTED BY FACULTY FDP's Attended/ NPTEL Courses completed/Journal/Conference Papers/Book/Book Chapters

### Publications:

Peer review of Book chapter on “Improving the Predictive Capacity of Newtonian Fluid Theories on the Elastic Moduli Ratio ( $E_c / E_m$ ) of Particulate Composites”, B.P International, December 2023 by Mr.Sandesh Kamath

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