

Industry Institute Interactions of the Mechanical Engineering Department

To strengthen the relationship between industry and our institute, the Industry-Institution Interaction activities are very active and the department of mechanical engineering builds warm relations with the nearby industries which are prominent in their respective fields. The department provides an excellent platform for both the students as well as the faculty members to be aware of industry expectations from the graduates. Industry Institute collaborations serves as a podium to work with the best practices, latest technologies in industry stand point and their implementation. The interactions help the mechanical engineering department with wide verity of other fields like biomedical industries, textile industries, food technology, polymer technology, etc.

Also, the department promotes industry experts to continuously partake in career development programs, expert talks and add-on-courses which play a significant role in honing the skill set of the students inclined towards the expectation of the industry. Towards up scaling the academia in the Global knowledge index, ample industrial exposure is provided to the faculty members to enhance the Teaching Learning Process and enable the Institution to produce quality students in turn.

OBJECTIVES:

- To explore and identify common avenues of interaction with industry
- To promote various research activities by the faculty members
- To handhold students to get a flavour of industry oriented student projects
- To establish convergence with industrial and research organizations from various fields through MoUs as a form of interaction
- Encouraging Engineers from industries to visit institution to deliver lectures
- To organize industrial visits for Faculty members and students.
- To coordinate/ identify industrial partners for proposing 'Centre for Excellence'.
- To arrange visits of faculty to industry for study and discussions or delivering lectures on subjects of mutual interest
- Practical training of students in industries

Mentioning the active collaborations of the department with several industries:

1. **Agappe Diagnostics Ltd**, Agappe Hills, Pattimattom PO, Kochi, Kerala 683562 – A biomedical industry with which we have MoU with the department, regular research collaborations with faculty members and the industry team and student projects.
2. **WFB Baird & Company**, Plot 45/25, MLA Rd, CSEZ, Kakkanad, Kochi, Kakkanad, Kerala 682037 – A textile industry where the department give solutions to their challenges through the active ongoing student projects.
3. **CIPET: Institute of Petrochemicals Technology (IPT)** – 38F8+4R, HIL Colony, Eloor, Kochi, Kerala 683501 – Regular industrial visits and testing facilities for the student projects and faculty research.
4. **Pilotsmith (India) Pvt. Ltd.**, Near Railway Station, Kalletumkara Chalakudy, Irinjalakuda, Road, Thrissur, Kerala 680683 – Regular industrial visits to understand the new manufacturing technologies and mechanical solutions in the food industries.

