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➤ Industrial visit to Pact Closure Systems- 12th March 2026



An industrial visit to Pact Closure Systems (India) Pvt. Ltd., Bengaluru, was organized for Mechanical Engineering students to gain knowledge about automation in manufacturing industries. Students observed molding, assembly, and quality inspection processes, along with modern automated production systems used in manufacturing. The visit provided practical exposure to industrial operations, safety procedures, machine maintenance, and the importance of precision engineering in improving productivity and product quality.

➤ Industrial Training at Nandi Toyota – 5th Feb to 20th Feb 2026



Onsite Industrial Training Programme

5th–20th February 2026
 09:00 AM – 05:00 PM
 Nandi Toyota Vishwavidyalaya
 6th Semester ME Students

NANDI VISWAVIDYALAYA

Event Coordinators
Mr. Mohan Kumar G R
 Assistant Professor – ME
Dr. Sudarshan T A
 Senior Assistant Professor – ME

Convenor
Dr. D V Sreekanth
 HoD – ME

Dr. Manjunatha
 Principal

Organised by
 Department of Mechanical Engineering

The department conducted an onsite industrial training program at Nandi Toyota, Vishwavidyalaya, Bangalore, for 6th semester students. The training program focused on automobile service operations, engine maintenance, vehicle diagnostics, transmission systems, and workshop practices. Students gained hands-on experience in dismantling and assembling engine components and understanding the workflow followed in authorized automobile service centres.

During the training period, industry experts guided students on modern automotive technologies, troubleshooting methods, and customer service procedures followed in the automobile sector. Students were introduced to advanced diagnostic tools and safety practices used in automobile maintenance. The industrial training enhanced the practical knowledge, technical skills, and industrial exposure of students, helping them bridge the gap between academic learning and industrial applications.



➤ Industry visit to Jawaharlal Nehru Planetarium – 15th April 2026

The department organized an industrial visit to the Jawaharlal Nehru Planetarium, Bangalore, as part of the World Quantum Day celebration conducted by VGST. The visit aimed to increase students' awareness of space science, astronomy, and emerging technologies related to quantum science. Students explored various scientific models, exhibitions, and presentations related to planetary systems, satellites, and advancements in space research.

The visit encouraged students to develop scientific thinking and curiosity toward modern technological developments. Interactive sessions conducted at the planetarium helped students understand the practical applications of science and technology in daily life and future innovations. The experience enhanced students' knowledge beyond academics and inspired them to explore research opportunities in advanced scientific fields.



➤ Industry visit to Taegu Tec India Pvt.Ltd– 23rd April 2026



An industrial visit was organized to Taegu Tec India Pvt. Ltd., Bangalore, to provide students with exposure to advanced machining and tooling systems used in manufacturing industries. During the visit, students learned about tungsten carbide cutting tools, inserts, holder bodies, and machining applications such as turning, milling, drilling, grooving, and parting operations. Industry experts explained the importance of precision tools in improving machining efficiency and product quality.

Students also observed modern manufacturing techniques and quality control processes followed in tooling industries. The visit helped them understand the role of cutting tool technologies in industrial production and CNC machining operations. The interaction with company professionals enhanced their practical knowledge of manufacturing engineering and gave them insights into current industrial trends and technologies.

➤ Expert Talk



NEW HORIZON COLLEGE OF ENGINEERING

Expert Talk
by Alumni

Additive Manufacturing: Transforming Modern Engineering

14th February 2026
11:00 AM – 01:00 PM
Industry 4.0 Lab
8th Semester Students

Faculty Coordinator
Mr. Hanamant Yaragudri
Senior Assistant Professor – ME

Convenor
Dr. D.V. Sreekanth
HoD – ME

Dr. Manjunatha
Principal

Organised by
Department of Mechanical Engineering
Alumni Association

Mr. Anjan Kumar M S
Co-founder and R&D Lead
Skyrofly

Additive Manufacturing: Transforming Modern Engineering

An expert talk on “Additive Manufacturing: Transforming Modern Engineering” was organized in the Industry 4.0 Lab for 8th semester students. The session focused on 3D printing technologies, rapid prototyping, material optimization, and industrial applications of additive manufacturing.



Advances in Aerospace Product Design

An expert talk on “Advances in Aerospace Product Design” was conducted in Falconry Seminar Hall for 4th semester students. The session highlighted aerospace product development, advanced materials, aerodynamics, and modern aircraft technologies, providing students exposure to innovations in the aerospace sector.

➤ Guest Talks & Guest Lectures



Jugaad and Kaizen: Two Philosophies of Innovation

An international guest talk on innovation and fluidic systems was conducted in Tejas Seminar Hall for 2nd and 3rd year students. The session highlighted the concepts of Jugaad and Kaizen, focusing on innovation, continuous improvement, and global industrial practices followed in engineering industries.



Electric Vehicle Technology and Future Mobility

A guest talk on “Electric Vehicle Technology and Future Mobility” was conducted for 4th and 6th semester students. The session explained electric vehicle components, battery technologies, charging systems, and future mobility trends, helping students understand advancements in sustainable transportation and EV technology.

➤ MOU's Signing

25/03/26 – MoU with Sheshnag Technologies.

The Department of Mechanical Engineering signed a Memorandum of Understanding (MoU) with Sheshnag Technologies at Mathikere, Bangalore. The collaboration was initiated to strengthen industry interaction and provide students with practical exposure in the areas of CAD design, 3D modelling, and emerging mechanical engineering technologies. The MoU aims to bridge the gap between academic learning and industrial requirements through workshops, technical training sessions, internships, and project-based learning opportunities. The event also highlighted the importance of skill development and industry-oriented education for engineering students.



26/03/26 – MoU with Nandi Toyota

The Department of Mechanical Engineering signed an MoU with Nandi Toyota Vishwavidyapeetam, Bangalore, to promote industry-academia collaboration in the automotive sector. This partnership was established to provide students with hands-on industrial exposure, technical training, and knowledge about modern automobile technologies and service practices. The collaboration is expected to support industrial visits, internships, expert talks, and practical learning activities that will enhance the technical competencies of students and prepare them for careers in the automotive industry.



06/05/2026 – MoU with Skymech Aerospace

A (MoU) was signed between the Mechanical Engineering Department and Skymech Aerospace on for a period of three years. The collaboration aims to establish a UAV Innovations Lab and conduct technical programs, workshops, guest lectures, skill development sessions, and placement activities to enhance students' practical knowledge and industry exposure in aerospace and emerging technologies.



➤ MOU's Signing



16/06/2026 - Quest Global Engineering Services Pvt. Ltd
The Mechanical Engineering Department signed an MoU with Quest Global Engineering Services Pvt. Ltd. for a duration of two years. The collaboration aims to provide elective courses, industrial training in the oil and gas sector, curriculum design support, hands-on training, company visits, and guest lectures for students.



10/04/2026 - Neosky India Limited
The Mechanical Engineering Department signed an MoU with Neosky India Limited for two years. The collaboration includes seminars, workshops, drone awareness sessions, drone pilot training programs, internships, mini projects, and the establishment of a drone lab for students.

25/03/2026 - Soura Shakthi Renewable Solutions

A Memorandum of Understanding (MoU) was signed with Soura Shakthi Renewable Solutions for a period of three years. The collaboration focuses on conducting technical programs, workshops, guest lectures, skill development sessions, and placement activities to enhance students' industrial exposure and technical knowledge.

11/04/2026 - Redgear India

An MoU was signed with Redgear India for one year to provide certified training programs in robotics, drones, and artificial intelligence. The partnership also supports internships, placement opportunities, and hands-on skill-based industrial learning for students.

11/05/2026 - Drone Focuspath

The department signed an MoU with Drone Focuspath for one year to establish a drone lab and conduct training programs in drone technologies. The collaboration also includes certification courses, faculty development programs, and DGCA-certified drone pilot training opportunities.

11/05/2026 - Dronacharya Tech Hub Private Limited

An MoU was signed with Dronacharya Tech Hub Private Limited to organize drone technology workshops, faculty development programs, and project-based learning activities. The collaboration also supports setting up a drone-based learning lab to encourage innovation and practical learning.

➤ TedX Talk

Topic: The Moment You Can Clone Your Best Engineer

Another TEDx Talk (Online) was organized on 27/04/26 on the topic “The Moment You Can Clone Your Best Engineer” for 4th semester students of the Mechanical Engineering Department. The session was handled by **Mr. Daniel Siegel**, who discussed the growing impact of artificial intelligence, automation, and digital technologies in replicating engineering knowledge and improving productivity in industries. The session emphasized how companies are using smart systems and digital platforms to preserve expert knowledge and optimize engineering processes.

The speaker also explained the importance of continuous learning and adaptability in the rapidly changing technological environment. Students were introduced to concepts related to AI-assisted engineering, digital transformation, and future industrial practices. The session encouraged students to enhance their technical and analytical skills to meet the demands of next-generation engineering industries.



➤ NSS Unit Cell

Campus 2 Community Fellowship Program – 24/02/2026

The Department of Mechanical Engineering, in association with NSS & NCC, organized the Campus 2 Community Fellowship Program to provide AI skills and LMS-based training for students. The session helped students understand artificial intelligence, digital learning platforms, and professional skill development opportunities.



Science Technology Expo – 06/02/2026

The Science Technology Expo was organized by NSS & NCC in collaboration with YUVAKA Sanga at the Subhas Chandra Bose Block. Around 150 school students participated in the event, which showcased innovative science models, technical demonstrations, and engineering exhibits to promote scientific thinking, creativity, and awareness about



Program on Food Sustainability and Animal Welfare – 24/04/2026

The NSS Unit Cell organized an awareness program on “Food Sustainability and Animal Welfare” at Manthan Seminar Hall. The session highlighted sustainable food practices, environmental responsibility, and animal welfare awareness, encouraging students to understand the social and environmental impact of food systems and community welfare activities.

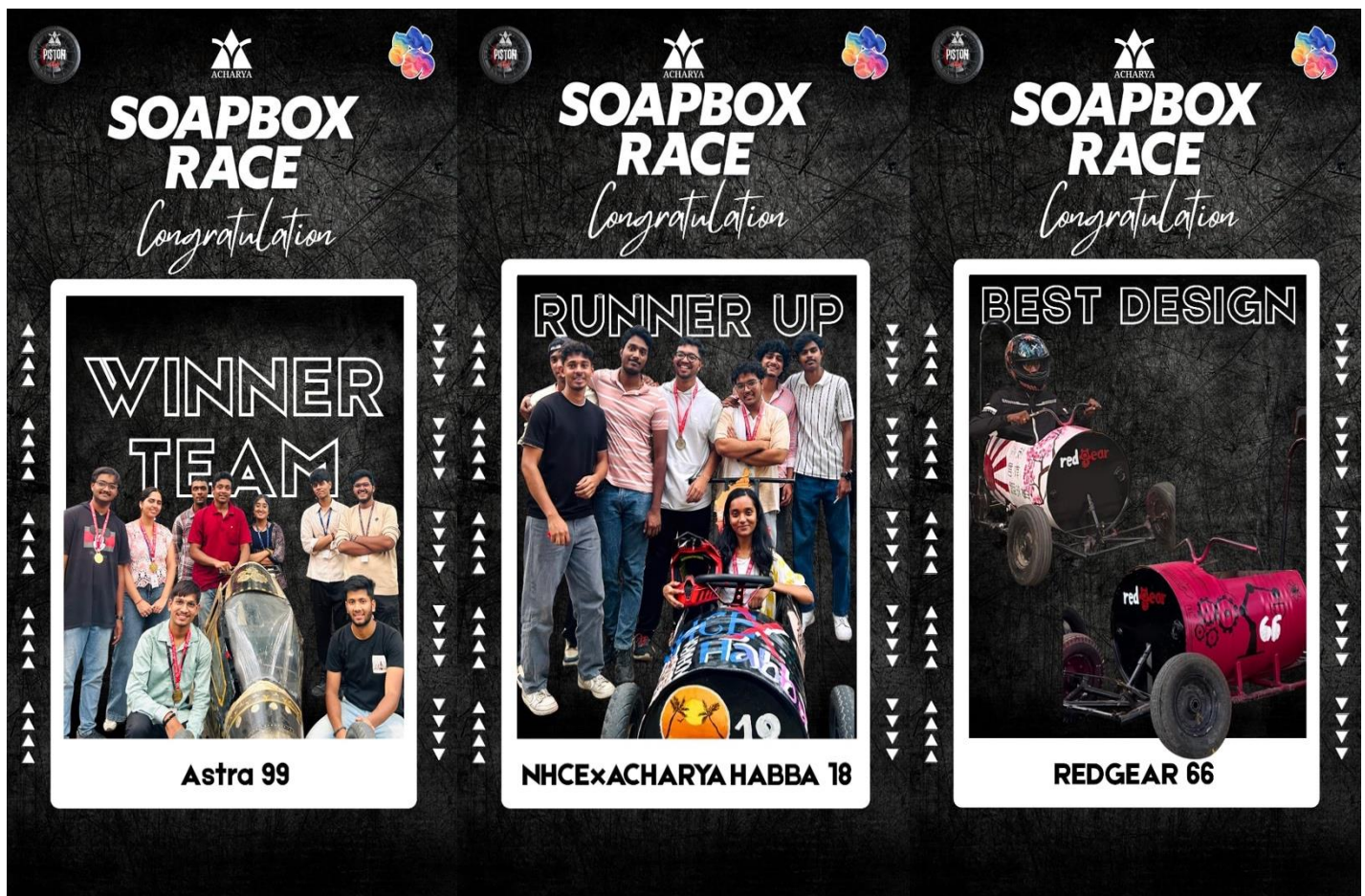


➤ Students Achievements

Student Achievements in Soapbox Racing – March & April 2026

Students of Team Astra from the Department of Mechanical Engineering achieved remarkable success in the National Level Soap Box Race competition organized by Acharya College of Engineering during March and April 2026. The students designed and fabricated an innovative soap box vehicle by applying their technical knowledge, creativity, and teamwork skills. Their hard work and dedication reflected the department's focus on practical learning and innovation.

On 31/03/2026, Team Astra secured 1st Prize, 2nd Prize, and the prestigious Best Design Award in the competition. The team impressed the judges with their vehicle design, fabrication quality, structural efficiency, and overall race performance. The project also helped students gain practical exposure to CAD modelling, chassis fabrication, steering and braking systems, testing, and vehicle dynamics while improving their leadership, communication, and project management skills.



➤ Staff Achivements



Dr. Shiva Prakash S.

Received multiple reviewer recognitions from IEEE and Springer Nature during February and April 2026 for his valuable contributions to international conferences and reputed journals. His achievements highlight his active involvement in research and academic review activities.



Dr. Gopal K

Received Reviewer Certificates from FUEL Journal and Elsevier journals during February and March 2026 for his contributions to peer-review and international research publication activities. His achievements reflect the department's commitment towards research excellence and scholarly contributions.

Editorial board: Dr. Sreekanth D V (Prof. and HOD-ME), Dr. Sudarshan T A

Student Members: Charan Babu R, Dikshitha M Reddy

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