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Guest Lecture Organized by the Department of Electrical and Electronics Engineering

Guest Lecture on "Process Design, Prototyping and Product Design"

The Department of Electrical and Electronics Engineering organized a Guest Lecture on **"Process Design, prototyping and product design"**. The session was organized on 22nd June 2024, at Seminar Hall 6, from 10.00 am to 12.30 pm. 45 students of 4th and 28 students of 6th semester (total 73 students) and the faculty of the EEE department attended the event. The Guest Lecture was presided by Dr. Shrinivas L Gombi, Dean Academics, MVJCE and Dr. Shima Ramesh, HoD/EEE.

Dr. Shrinivas L Gombi presenting bouquet to the Chief Guest and addressing the students

The event started at 10.00 am with the Welcome Speech and Guest Introduction. After this, the Guest Speaker Dr. Sandeep Kumar E, Lead AI Specialist, Bosch Global Software Technologies Pvt Ltd Bangalore, took over the session. He first explained about the process design methodology, emphasizing its importance in optimizing the efficiency and effectiveness of manufacturing processes. He gave Introduction to the prototyping process, highlighting its significance in product development and innovation. Then he explained different prototyping methods, such as rapid prototyping, 3D printing, and breadboarding, and their applications. He also mentioned relevant tools, software, and resources available for design process and prototyping which includes CAD software, simulation tools, and online resources for accessing design libraries. Finally, he discussed about the importance of prototyping skills in the industry, as well as potential career paths, internships and job opportunities.

Dr. Sandeep Kumar E delivering the Lecture.

Student Participants.

OUTCOME OF THE LECTURE

The students will be able to:

- understand the principles and methodologies to design the product.
- learn how to translate theoretical knowledge into tangible solutions.
- develop their problem-solving abilities.