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Guest lecture on “An Overview of Embedded Software Testing and Emerging Career Paths in the Embedded Industry”

Event Overview

The Department of Electrical and Electronics Engineering organised a Guest Lecture titled An Overview of Embedded Software Testing and Emerging Career Paths in the Embedded Industry on 28th March at 10:15 a.m, in Seminar Hall 3, MVJ College of Engineering.

The session commenced at 10:15 a.m with a welcome address by Vimala, a student of the 6th semester, EEE Department, followed by an engaging session addressed by Mr Sangamesh Gama, Senior Engineer at Cyient. The presentation covered vital topics such as Embedded Systems, their applications, Software Testing, methods of testing, etc., providing deep insights into the subject matter. Participants (25 and 33 students from IV and VI semesters, respectively) showed keen interest, with active participation during interactive segments and Q&A rounds.



Presenting bouquet to Mr. Sangamesh as a token of our gratitude



Mr. Sangamesh engaging the session



Question and Answer Session

Objectives of the Event

The primary objectives of the event were:

- Understand Embedded Systems Fundamentals
- Introduce Embedded Software Testing Concepts
- Explore Testing Techniques and Tools
- Highlight Industry Standards and Practices

Outcomes and Impact

- Basic Understanding of Embedded Systems
- Knowledge of Embedded Software Testing
- Familiarity with Testing Methods
- Awareness of Industry Tools and Standards
- Understanding of Real-World Challenges

Conclusion

The guest lecture on “An Overview of Embedded Software Testing and Emerging Career Paths in the Embedded Industry” was highly informative and successful in bridging the gap between academic concepts and industry practices. Students gained valuable insights into embedded systems, testing methodologies, and current industry trends. The session enhanced their understanding of career opportunities and the skills required to succeed in the embedded domain. Overall, the lecture motivated students to explore the field further and prepare themselves for emerging opportunities in the industry.

Report by: Bini Babu, Assistant Professor, Department of Electrical and Electronics Engineering