



NEW HORIZON
COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF MECHANICAL ENGINEERING

Alumni Talk Report

Title: Quality Control and Reverse Engineering

Date: 29-10-2024 [10:00AM-11:00AM]

Alumni Speaker: Mr. Anan Kumar M S
Design Engineer,
Steer Engineering Pvt Ltd, Bangalore

Attendees: V Semester students

Overview:

Alumni talk titled " Quality Control and Reverse Engineering " was conducted for the V semester mechanical engineering students. The session aimed to highlight the importance of Quality Control and Reverse Engineering in the mechanical engineering field and to provide insights into various designing tools and techniques beneficial for engineers.

Key Topics Covered

In alumnus talk, a former student with experience in quality control and reverse engineering shared insights into these critical engineering fields. The speaker began by explaining the importance of quality control in ensuring product reliability and customer satisfaction, highlighting techniques like Six Sigma and statistical process control (SPC) used to maintain high standards.

On reverse engineering, the focus was on its role in understanding and improving existing products. The speaker discussed how reverse engineering allows engineers to dissect products to analyze their design, functionality, and potential areas for innovation or improvement. Practical applications in industries like manufacturing and software development were covered, including real-world examples such as fault analysis and security checks on legacy systems. The talk concluded with career advice on building skills in both fields, emphasizing hands-on experience, problem-solving, and continual learning.

Student Engagement

The lecture saw active participation from the students, with many asking insightful questions regarding the application of quality and reverse engineering in their future careers. The hands-on session was particularly well-received, allowing students to relate theoretical concepts to practical applications.

Alumni Talk

Quality Control and Reverse Engineering

📅 29 October 2024
🕒 10:00 AM - 11:00 AM
👥 5th Sem students
📍 B-301, Sardar Vallabhbhai Patel Block

Faculty Coordinators

Prof. Hanamant Yaregudri
Senior Assistant Professor - ME

Prof. Rajesh A
Senior Assistant Professor - ME

Dr. Nagabhushana N
Senior Assistant Professor - ME

Convener

Prof. Rakesh C
HOD - ME

Dr. Manjunatha
Principal



Mr. Anjan Kumar M S

Design Engineer (R&E Engineering),
Extruder Processing Zone Design,
Steer Engineering Pvt Ltd

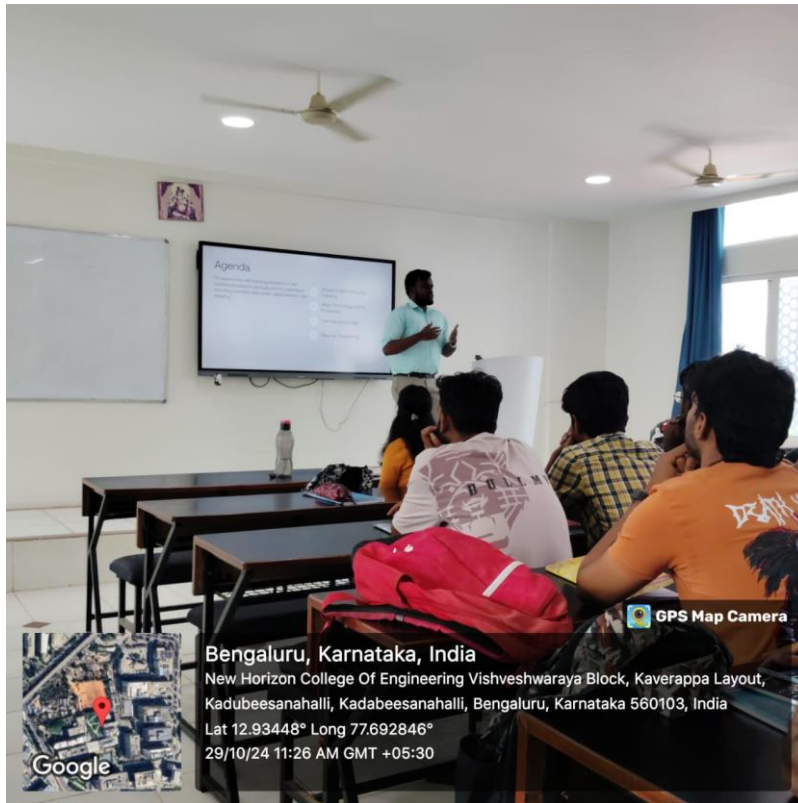




Fig: Glimpse of the Lecture

Feedback

Post-lecture feedback indicated a strong interest among students in learning more about quality and reverse engineering. Many expressed a desire for additional workshops or courses focusing hands on experience for different areas of mechanical engineering applications.

Conclusion

The alumni talk successfully emphasized the critical role of quality and reverse engineering in modern mechanical engineering. Students left with a greater understanding of how quality and reverse engineering can enhance their skills and improve their future employability in an increasingly tech-driven industry.