



B.M.S. COLLEGE OF ENGINEERING, Bengaluru-19

Department of Medical Electronics Engineering

Industry Visit

to

HARMAN International Pvt. Ltd.



Date of Visit: 07 May 2025

Location: HARMAN International Pvt. Ltd., Doddanekundi, Bengaluru

Organized By: Department of Medical Electronics Engineering, BMSCE

Participants: 50 students and 4 faculty members

1. Introduction

HARMAN International, a subsidiary of Samsung Electronics, is a global leader in connected technologies, encompassing automotive systems, audio and visual products, enterprise automation solutions, and connected services. Established in India in 2009, HARMAN has expanded its footprint across major cities, with Bangalore serving as a pivotal hub for its R&D and innovation activities.

2. Objectives of the Visit

- To gain insights into HARMAN's operations in the realms of automotive, lifestyle, and professional solutions.
 - To understand the integration of cutting-edge technologies in real-world applications.
 - To explore career opportunities and industry expectations in the field of connected technologies.
-

3. Company Overview

HARMAN's Bangalore facility is a testament to its commitment to innovation and excellence. The center focuses on:

- Automotive Solutions: Developing connected car systems that enhance in-vehicle experiences.
- Lifestyle Audio: Designing premium audio products under brands like JBL, Harman Kardon, and AKG.
- Professional Solutions: Providing audio, video, and lighting solutions for various sectors.

The facility also houses the HARMAN Experience Center, a 1,890-square-foot space showcasing the company's latest innovations and product integrations.

4. Key Highlights of the Visit

4.1 HARMAN Experience Center

The Experience Center offers a hands-on demonstration of HARMAN's integrated solutions, featuring:

- Audio Systems: High-fidelity sound systems used in professional settings.
- Lighting Solutions: Advanced lighting technologies for entertainment and architectural applications.
- Connected Services: Innovations in IoT and enterprise automation.

4.2 Interaction with Professionals

Participants had the opportunity to engage with HARMAN's engineers and managers, gaining insights into:

- The product development lifecycle.
- Challenges in integrating hardware and software solutions.
- The importance of user-centric design in technology development.

4.3 Career Opportunities

The Director addressed us and gave a dive into what they expect from students who are applying:

- The company's focus on continuous learning and development.
- Opportunities for innovation and creativity.
- The global exposure available to employees.

4.4 ReadyCare system

They gave a demo on a new product, ReadyCare (not for commercial market yet):

- An automobile product that can help analyze the behaviour of the driver
- A massive amount of safety features to give the driver and the passengers the ideal and safe experience of the drive
- An overview of the working and how it could be used for students to gain inspiration for further projects

5. Observations and Learnings

- The integration of audio, visual, and connected technologies is pivotal in enhancing user experiences across various sectors.
 - A multidisciplinary approach, combining engineering, design, and user experience, is essential in product development.
 - Continuous innovation and adaptation to emerging technologies are key to staying competitive in the industry.
-

6. Conclusion

The visit to HARMAN International's Bangalore facility provided valuable insights into the convergence of technology and user experience. It highlighted the importance of innovation, interdisciplinary collaboration, and a user-centric approach in developing cutting-edge solutions. Such industry interactions bridge the gap between academic learning and real-world applications, preparing students for future challenges in the tech industry.



Date: 07 May 2025

Signature of Coordinator

Signature of HOD