

# B.M.S. COLLEGE OF ENGINEERING, BANGALORE-19

(Autonomous Institute, Affiliated to VTU)

## DEPARTMENT OF MEDICAL ELECTRONICS ENGINEERING

### **INDUSTRIAL VISIT REPORT**

**Department:** Medical Electronics Engineering

**Activity:** Industrial Visit to Siemens Healthineers

**Objectives:** To provide the students with industrial exposure to ensure practical learning about the concepts discussed during the theory classes

**Date:** 25<sup>th</sup> November 2022

**Time:** 9:45 a.m. to 5:15 p.m.

**Venue:** Siemens Healthineers Campus, Electronic City Phase-2

**Name and Details of Collaborating Agency:**

#### **Siemens Healthineers**

Siemens Healthineers is a healthcare company that pioneers breakthroughs in healthcare technology. The company's portfolio of products, services and solutions are at the centre of clinical decision-making and treatment pathways. The company's core purpose is to develop patient-centred innovation to create better patient outcomes and experiences regardless of their location or erstwhile situation.

#### **Summary of the Programme:**

The programme had two major sessions – Tech Talk and Lab Visit.

During the Tech Talk session, various keynote speakers addressed the students, including Sanjeev Krishnan, Department Head of MRI, Basheer Ismail, Head of the MRI Business Unit, Saurav Daga, Data Analytics specialist in Molecular Imaging, and many more. The students had the opportunity to connect with several division experts, including Devi Kangote, a department alumnus from the 1998 class who now works as the Ultrasound division head.

## B.M.S. COLLEGE OF ENGINEERING, BANGALORE-19

(Autonomous Institute, Affiliated to VTU)

### DEPARTMENT OF MEDICAL ELECTRONICS ENGINEERING

Students were able to tour the Cathlab (C-Arm modality) lab, the CT modality lab, the Molecular Imaging laboratories - PET-CT lab and SPECT lab, and the Biochemistry lab during the Lab Visit. The lab personnel described the features, operation, and applications of each modality, and students were allowed to study the modalities up close.

#### Outcomes:

The students gained a grasp of the way a healthcare firm functions. They also learnt how each imaging modality operates. This information enhanced the medical imaging principles covered in class.

#### Number of participants:

Particulars	Number of Faculty		Students	
	Male	Female	Male	Female
Number of Participants	1	1	8	20

#### Photographs:



Co-ordinators:

1. Dr. Niranjana
2. Dr. R Kalpana

HOD

Medical Electronics Engineering