



## **DEPARTMENT OF BIOMEDICAL ENGINEERING**

### **BIOMEDICAL INSTRUMENTATION WORKSHOP**

as part of

### **INSIGHT'25**

- Venue : TKM Institute of Technology
- Date : 10<sup>th</sup> February 2025
- Time : 9:00 am
- Participants : 80
- Volunteers : 15

As part of the **IEDC** flagship event, **INSIGHT'25** , the **Department of Biomedical Engineering** successfully conducted a Biomedical Instrumentation Workshop on **February 10, 2025**. The workshop aimed to provide participants with a comprehensive understanding of various biomedical instruments crucial to healthcare systems. Students from **TKM Institute of Technology, Musaliar Colleges, and TKM high School**, with a total of approximately 85 participants, took part in the event. In addition, around 25 volunteers assisted in the smooth running of the workshop, contributing to its success.

The workshop provided detailed insights into the operation and application of several key biomedical devices. Volunteers introduced participants to a range of equipment, including ECG machines, patient monitoring systems, defibrillators, ultrasound machines, ventilators, dialysis machines, audiometry devices, syringe pumps, infusion pumps, and other essential biomedical tools. Each of these systems plays a vital role in patient care, and the volunteers provided both theoretical explanations and practical demonstrations to give attendees a hands-on understanding of their function.

The session not only allowed students to interact with these devices but also offered insights into their design, usage, and significance in modern healthcare settings. The event was a significant success, fostering learning, collaboration, and innovation in biomedical engineering, while encouraging the next generation of engineers to explore and contribute to advancements in medical technology.

Main coordinator: Sreekutty SD

Lab staff : Naveen Parameswaran



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## Department Of Biomedical Engineering



***On February 10, 2025, TKM Institute of Technology organized "INSIGHT '25," an event showcasing different workshops and Expo . The department of Biomedical has showcased an Expo in biomedical Instrumentations.***

