


NANDHA ENGINEERING COLLEGE, AUTONOMOUS- ERODE-52



DEPARTMENT OF SCIENCE AND HUMANITIES



Activity		Introductory Domain Specific Workshop for First year Students	
Target Group	B.E – Biomedical Engineering		
Date	12.12.2024		
SDG Alignment	SDG- 4 Quality Education		
	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all		

EVENT REPORT

SESSION DETAILS:

DATE	TIME	Workshop Title	RESOURCE PERSONS
12.12.2024	9.15 am – 4.30 pm	Healthcare Revolutionaries Understanding the core role of Biomedical Engineers	Dr.R. Senthilnathan Managing Director Medmall, Coimbatore

PARTICIPANTS DETAILS:

Students of First Year B.E – Biomedical Engineering	50
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Inauguration Agenda:

Welcome Address & Chief Guest Introduction	Mr. R.Thiruneelakkandan ,HoD- S & H
Key Note Address	Dr.U.S. Ragupathy, Principal
Session by	Dr.R. Senthilnathan

Intended Outcomes:

By the end of this workshop, participants will be able to:

1. Gain a comprehensive understanding of how biomedical engineers contribute to revolutionizing healthcare systems.
2. Understand the current challenges in healthcare (such as aging populations, chronic disease management, and limited healthcare access) and how biomedical engineers address these issues through technology, data, and innovation.
3. Gain practical insights into how biomedical engineering solutions are applied to solve pressing healthcare challenges, such as improving medical device functionality, enhancing patient monitoring systems, or developing new therapeutic technologies.

About the session:

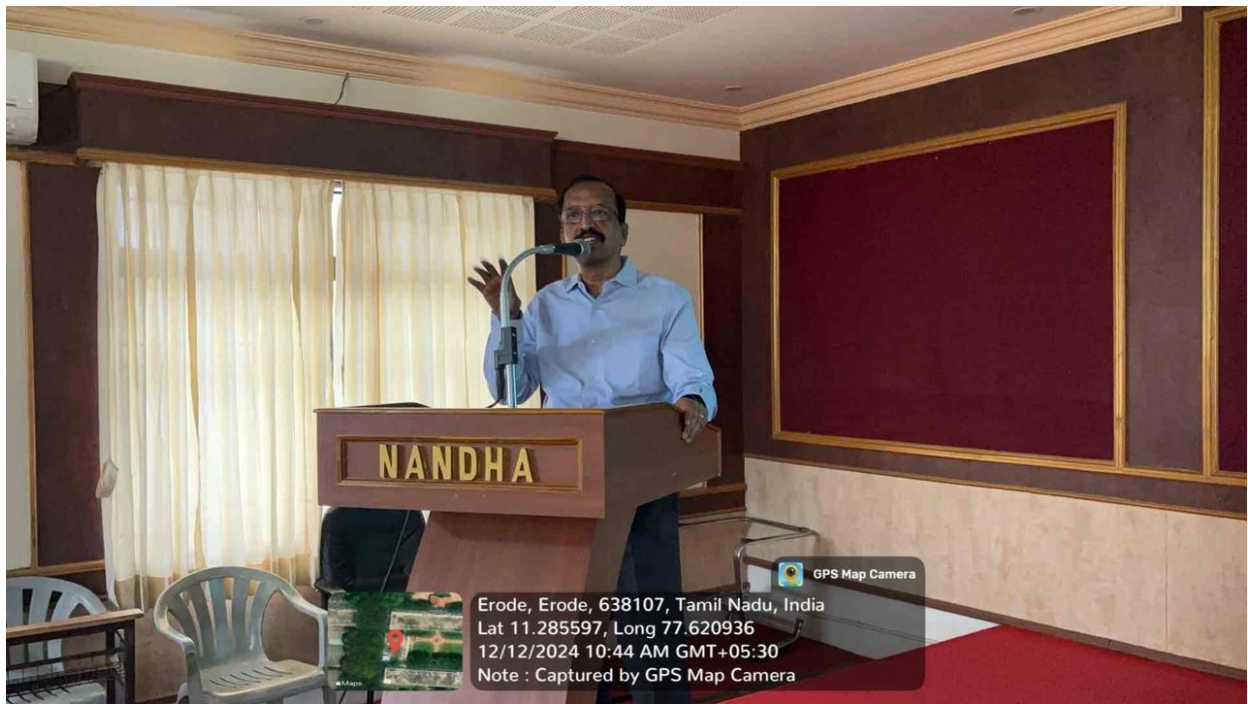
On 12.12.2024 a workshop titled "Healthcare Revolutionaries: Understanding the Core Role of Biomedical Engineers" was conducted for first-year biomedical engineering students. The event was organized to provide students with valuable insights into the critical role of biomedical engineers in shaping the future of healthcare. The workshop was led by Dr. R. Senthilnathan, Managing Director of Medmall, a renowned healthcare solutions provider.

He emphasized how biomedical engineers are at the forefront of creating and improving medical technologies that improve patient outcomes and quality of life.

The workshop on "Healthcare Revolutionaries: Understanding the Core Role of Biomedical Engineers" was a resounding success, providing first-year biomedical engineering students with valuable insights into the field's potential and importance in transforming healthcare. Dr. R. Senthilnathan's expertise and engaging presentation left a lasting impression on the students, inspiring them to view their studies not only as academic endeavours but also as an opportunity to innovate and lead in the healthcare sector.

SDG alignment:

he **Introductory Domain-Specific Workshop** for first-year **Biomedical Engineering** students, titled "**Healthcare Revolutionaries: Understanding the Core Role of Biomedical Engineers,**" aligns with **SDG 4: Quality Education** by providing a strong foundation in the intersection of engineering and healthcare. This workshop introduces students to the vital role of biomedical engineers in developing innovative medical technologies, improving healthcare accessibility, and enhancing patient care. This workshop empowers future biomedical engineers to contribute meaningfully to the evolving landscape of global healthcare solutions.



Dr.R.Senthilnathan briefed the objective of the workshop and the fundamentals of Bio Medical Engineering



Participants of the workshop

Students Feedback



"The workshop was incredibly inspiring! Dr. Senthilnathan's discussion about the real-world impact of biomedical engineers in healthcare gave me a renewed sense of purpose. I now feel even more motivated to pursue this field and contribute to developing solutions that improve people's lives".

J. HARRISH PRASANTH



" The segment about career opportunities was very helpful. I didn't know about the various paths biomedical engineers can take, from research to device development to working in clinical environments."

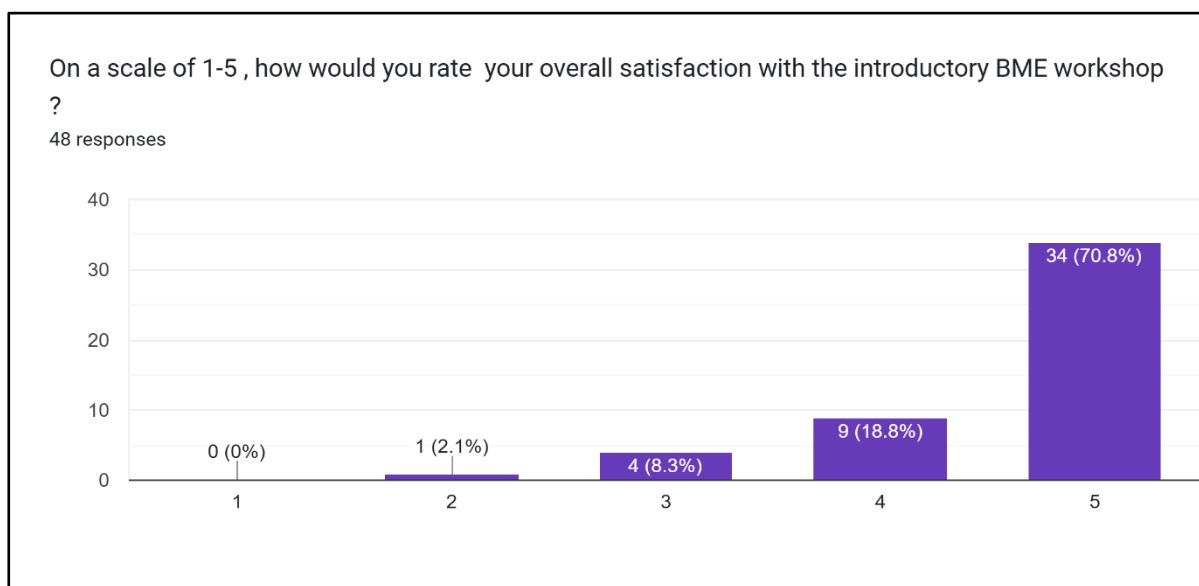
- **N. PAVITHRA**



" I was particularly fascinated by the discussions around new healthcare technologies like wearable devices and AI in diagnostics.".

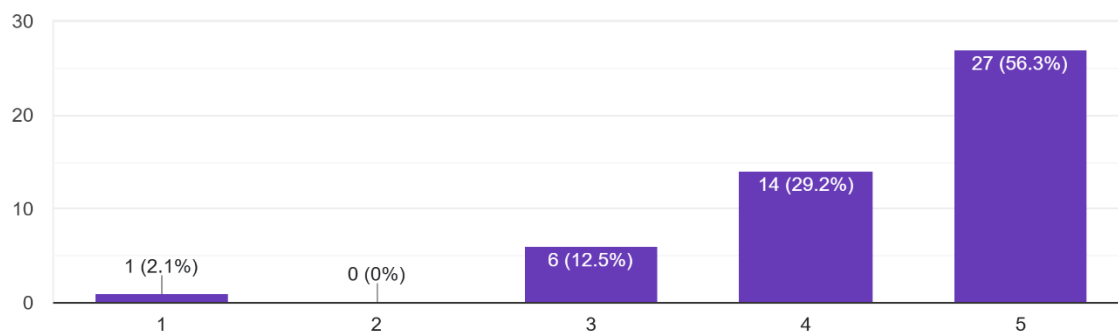
-S. SAJITHA

Feedback Analysis (feedback collected through google forms)



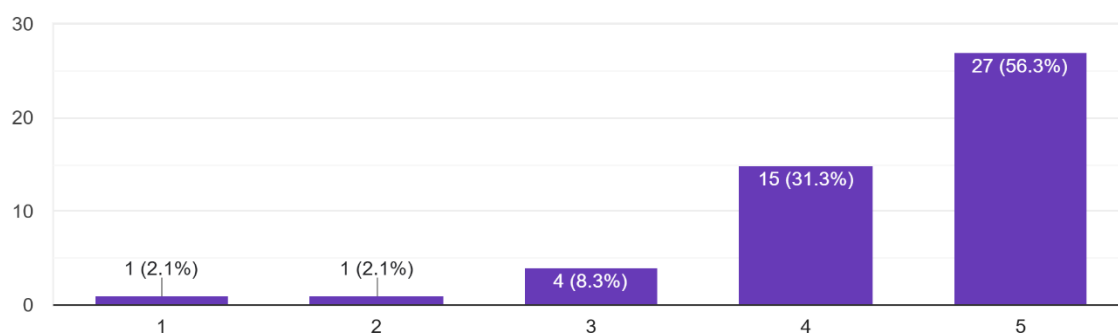
How would you rate the effectiveness of the speaker in delivering the workshop content and engaging the audience ?

48 responses



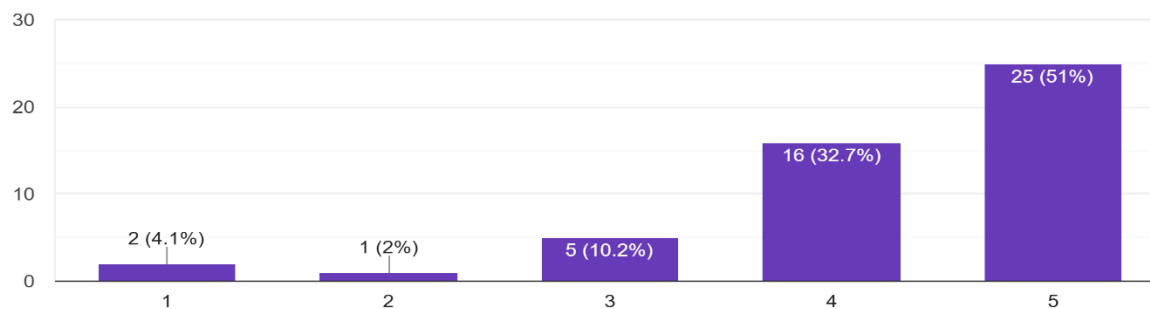
How relevant and useful did you find the workshop content in relation to your academic and professional interests?

48 responses



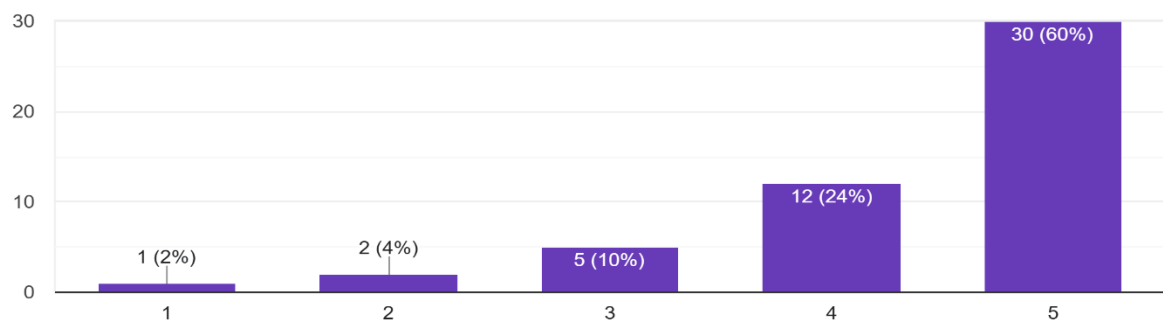
How would you rate the hands-on experience provided during the workshop? Was it sufficient, and did it help you understand the concepts better?

49 responses



How likely are you to attend future workshops on BME or related topics?

50 responses



What suggestions do you have for improving the workshop content, structure, or delivery?

25 responses

We learn some useful machines

I want more workshop like this for the upcoming years.

Delivery

I like the workshop content structure and delivery as now
If you can improve it further means it will be extraordinary

Both

Useful

Nice

Want more visit

Event Published Institution's Social Media Handles: (Facebook & Instagram)



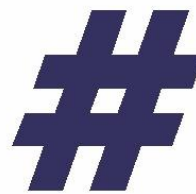


NANDHA **Engineering College (Autonomous)**

(Affiliated to Anna University, Chennai, Approved by AICTE, Accredited by NBA & NAAC with A+ Grade)
Erode - 638 052.



DEPARTMENT OF
SCIENCE & HUMANITIES



EXPERT
INSIGHTS

(INTRODUCTORY WORKSHOP
FOR FIRST YEAR B.E./B.TECH)

'24

HEALTHCARE REVOLUTIONARIES - **UNDERSTANDING THE CORE ROLE OF** **BIOMEDICAL ENGINEERS**

BME

Dr. R. Senthilnathan

Managing Director, Medmall,
Coimbatore

December

12

2024



NEC-
BME Lab



www.nandhaengg.org