ACS College of Engineering
(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated toVisvesvaraya Technological University, Belgaum)
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Report on

Online Expert seminar on "Ethics and Regulatory Challenges in AI – Driven Health Care"

Topic: Online Expert Seminar on " Ethics and Regulatory Challenges in AI – Driven Health Care"

Date: 28th March 2026

Time: 11:00 AM to 12:30 PM.

Program Objective:

The objective of this online expert seminar on *"Ethics & Regulatory Challenges in AI-Driven Healthcare"* is to provide participants with a comprehensive understanding of the ethical considerations, legal frameworks, and regulatory requirements involved in the integration of artificial intelligence in healthcare systems. The program aims to create awareness about data privacy, patient safety, accountability, and transparency while using AI technologies, and to equip students and professionals with the knowledge needed to address real-world challenges responsibly and effectively in the evolving digital healthcare landscape

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Program Outcome:

1. **Enhanced Understanding of AI Ethics** – Participants gained clear knowledge of ethical principles in AI-driven healthcare.
2. **Knowledge of Regulatory Frameworks** – Participants learned about laws and guidelines governing AI in healthcare.
3. **Awareness of Data Privacy** – Participants understood the importance of protecting patient data and confidentiality.
4. **Understanding of Accountability** – Participants learned the need for responsibility and transparency in AI systems.

5. **Identification of AI Bias** – Participants recognized potential biases and risks in AI-based decisions.
6. **Legal Responsibility Awareness** – Participants gained insight into legal aspects of using AI in healthcare.
7. **Safe AI Implementation** – Participants learned best practices for applying AI technologies responsibly.
8. **Critical Thinking Development** – Participants improved their ability to analyze ethical challenges in healthcare.
9. **Real-World Application Knowledge** – Participants explored practical examples of AI in medical settings.
10. **Ethical Practice Readiness** – Participants became prepared to follow ethical standards in future healthcare work.

Participants: 1st year, 2nd year, 3rd year Students of Biomedical Department

About the Event

The Department of Biomedical Engineering at ACS College of Engineering organized an online expert seminar on **"Ethics & Regulatory Challenges in AI-Driven Healthcare"** on **28th March 2026 from 11:00 AM to 12:30 PM at the 3rd Floor Seminar Hall.**

The resource person for the seminar was Dr. Roshan Joy Martis, Associate Professor, Department of Electronics and Communication Engineering, Manipal Institute of Technology, Bangalore. He delivered an insightful session on the ethical issues, regulatory frameworks, and challenges involved in implementing artificial intelligence in healthcare.

The event was coordinated by Dr. P. Bhuvaneswari, Professor and Head, Department of Biomedical Engineering, and Mrs. Nagashree Pavan, Assistant Professor, BME. The program was conducted under the guidance and support of Dr. A. K. Mariappan, Rector, RRGI, Dr. Meenakshi Sundaram, Registrar, RRGI, and Dr. B. S. Shylaja, Principal, ACS College of Engineering.

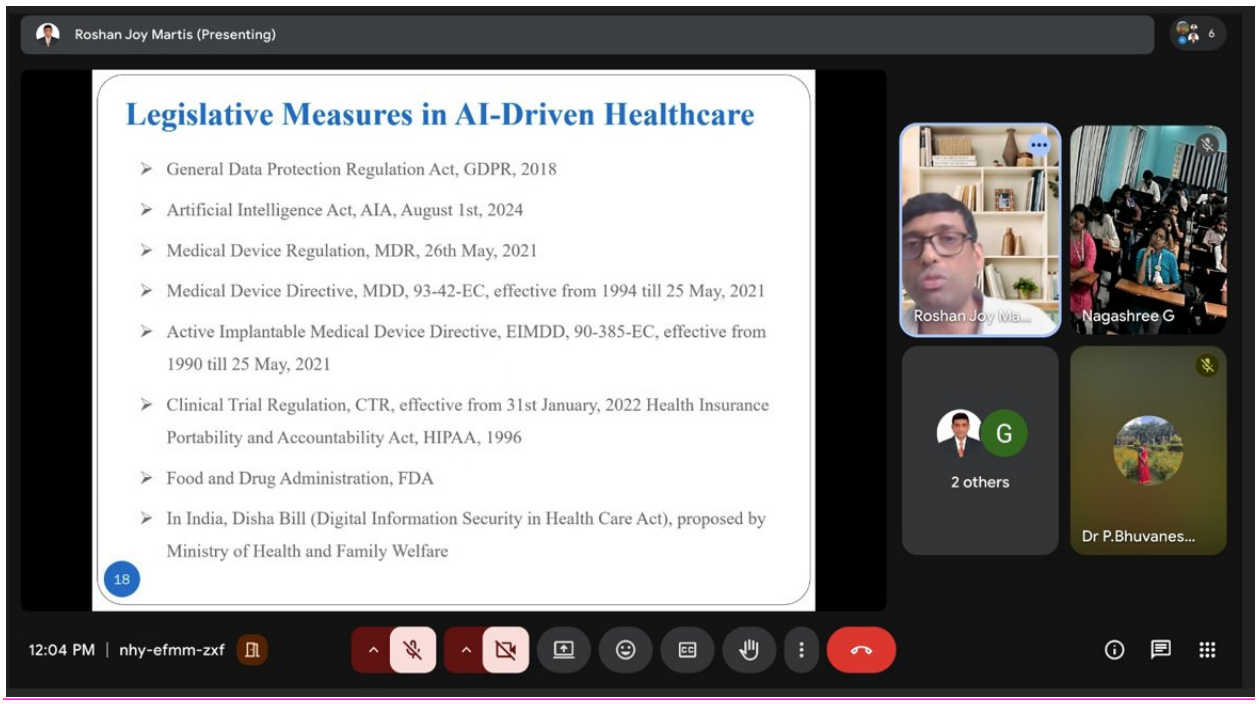
The seminar aimed to create awareness among students and faculty about the responsible and ethical use of AI technologies in the healthcare domain. The session was informative and beneficial, providing participants with a deeper understanding of the balance between technological advancement and ethical responsibility.

Event Poster

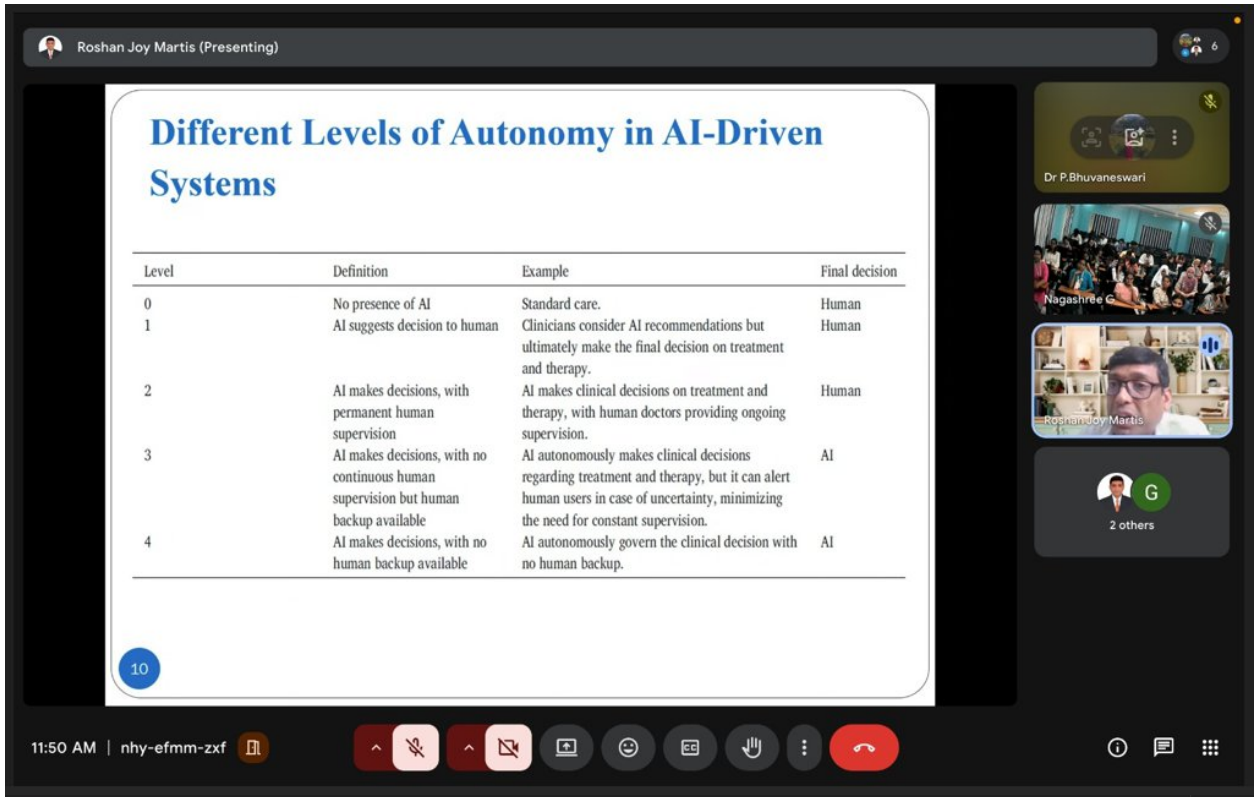


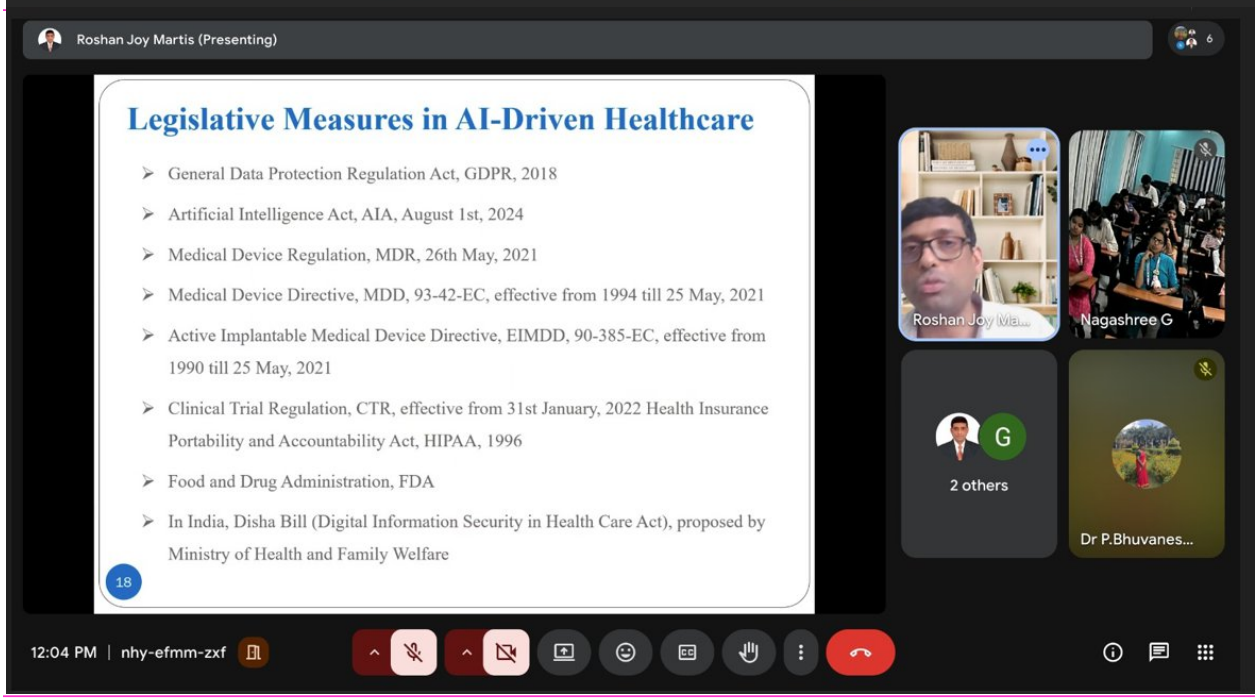
Event Photos



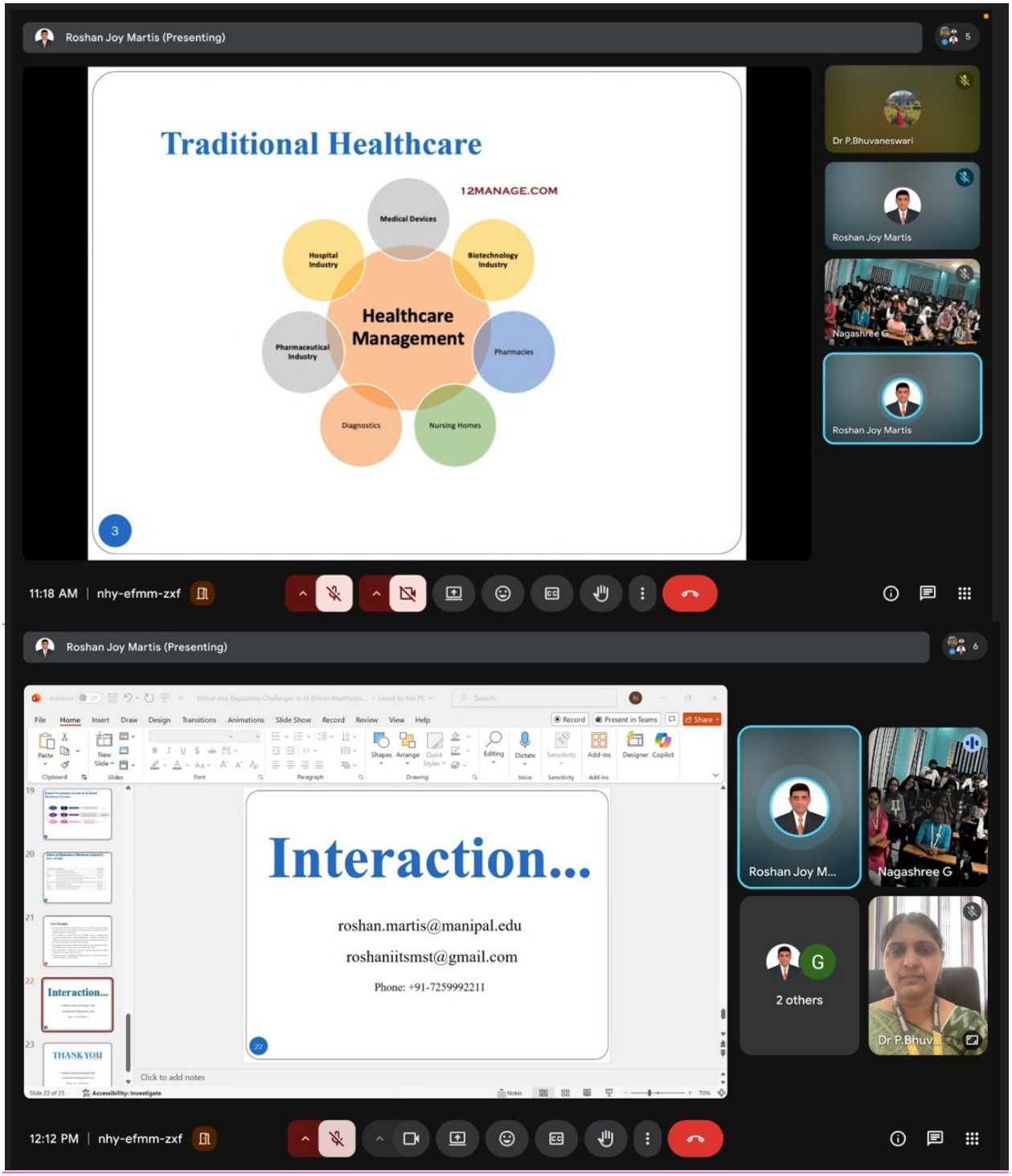


Online Session by the Resource Person





Online Session by the Resource Person



[Online Session by the Resource Person]



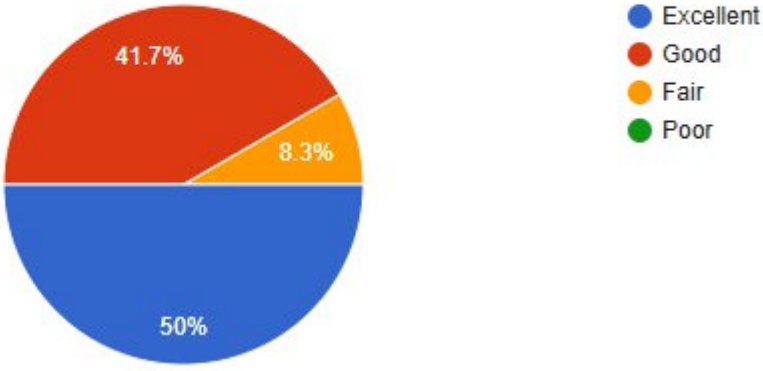


Students attentive engagement in the seminar session.

Student Feedback

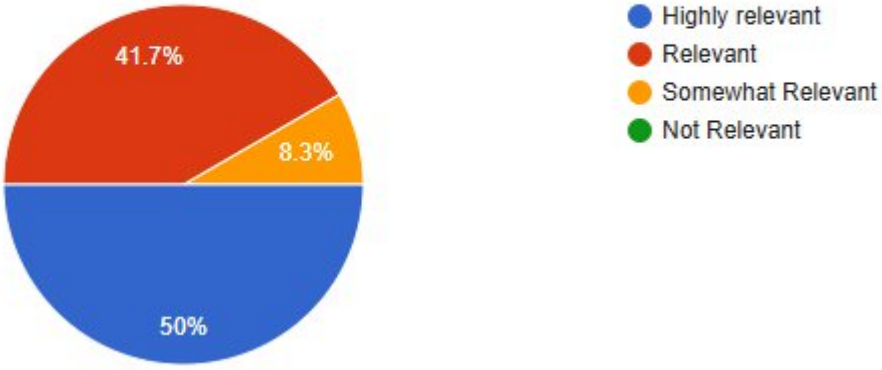
1. 🎯 How would you rate the overall seminar?

12 responses



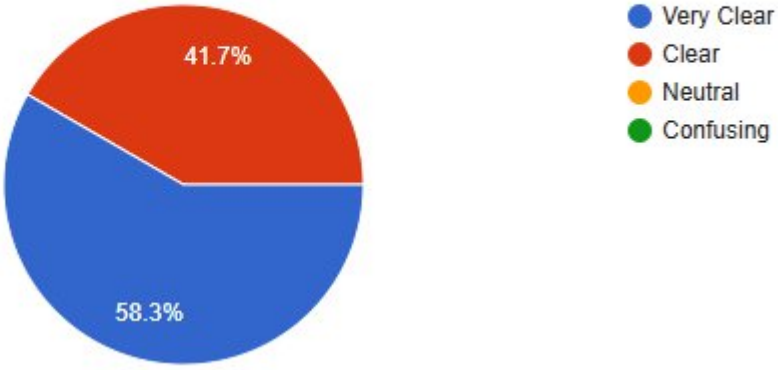
2. 📚 How relevant was the topic to your field of study?

12 responses



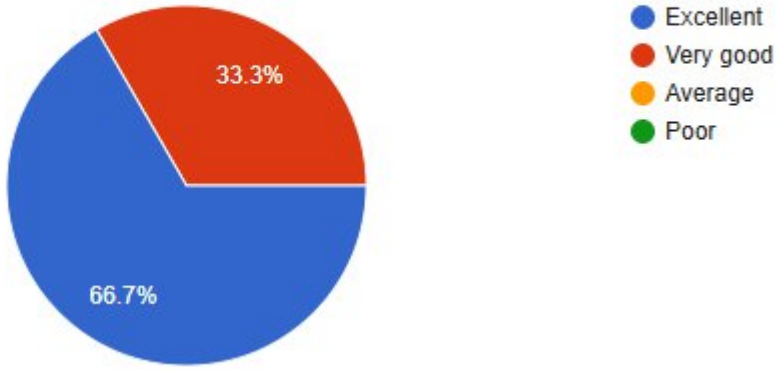
3. 🧠 How well did you understand the concepts presented?

12 responses



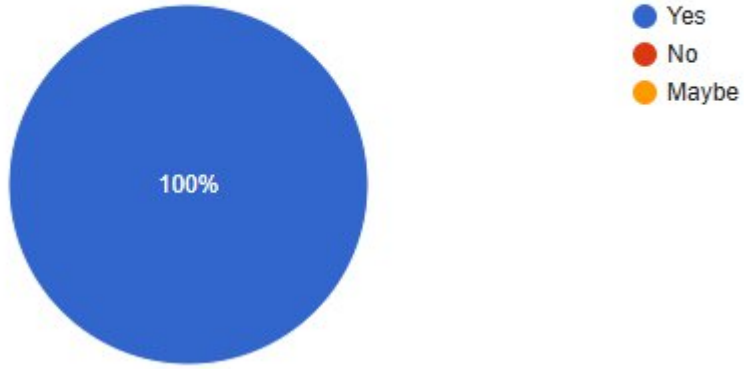
4. 🎤 How was the speaker's delivery and communication?

12 responses



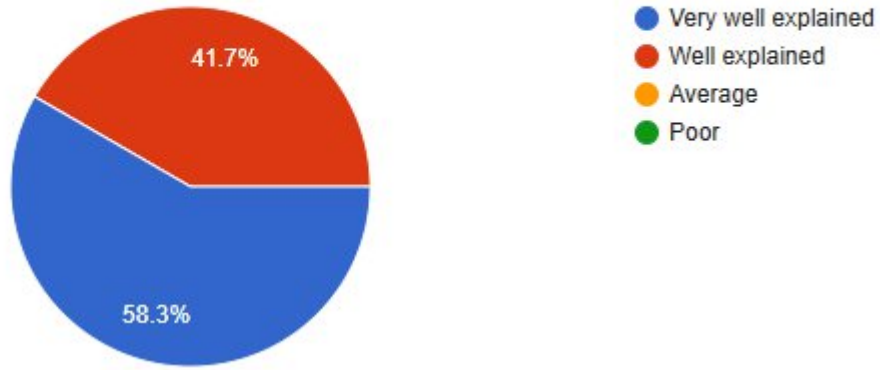
5. 🤯 Did the seminar improve your understanding of AI in healthcare?

12 responses



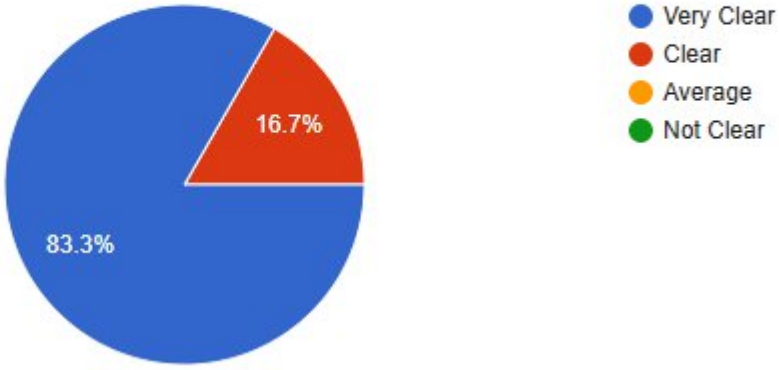
6. 🥷 How effectively were ethical issues explained?

12 responses



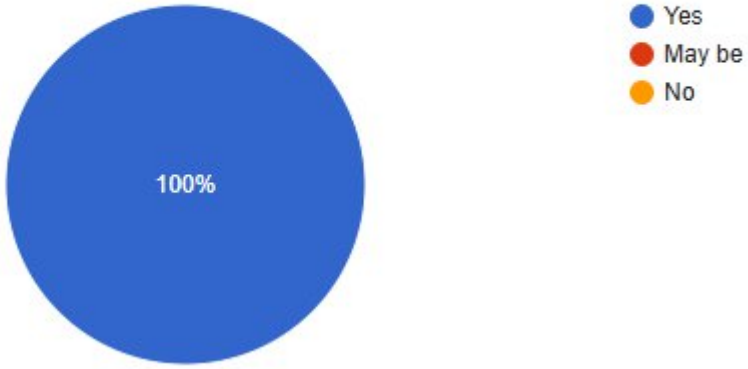
7. 📜 How clear were the regulatory challenges discussed?

12 responses



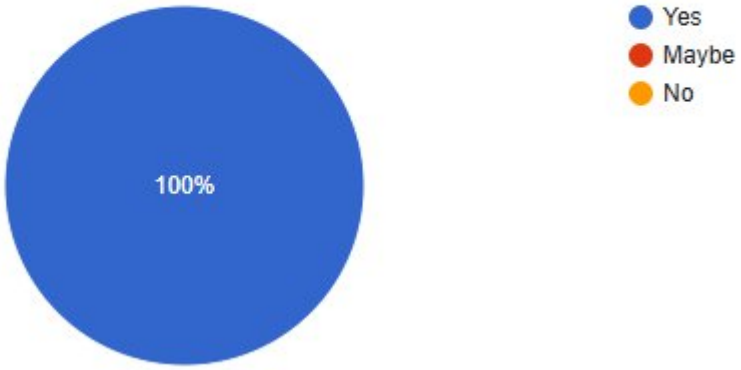
8. ⏱ Was the duration of the seminar appropriate?

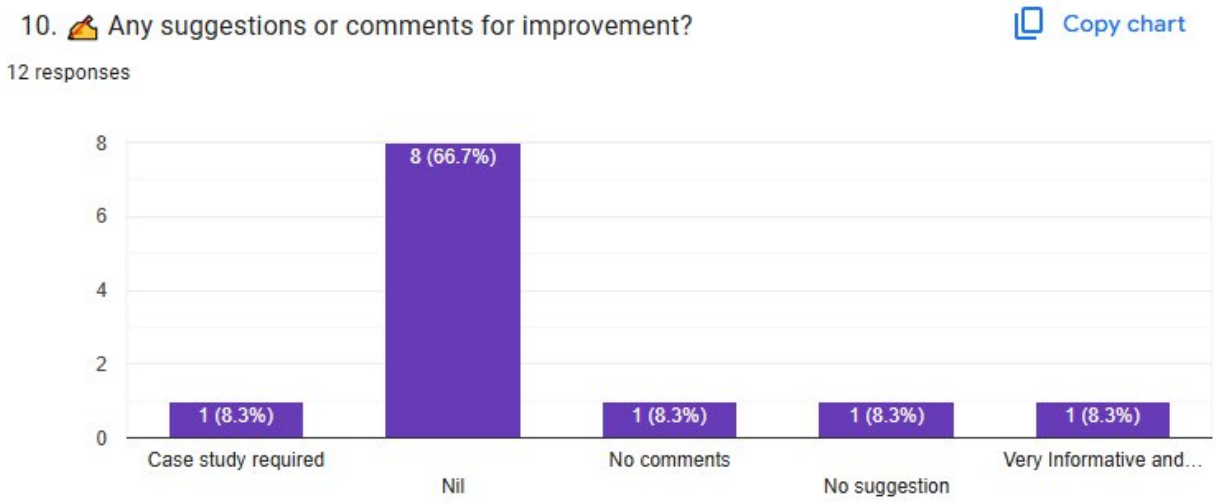
12 responses



9. 💬 Would you like more such seminars in the future?

12 responses





SDG Mapping

1. **SDG 3 – Good Health and Well-being**

   The seminar focused on AI-driven healthcare, promoting awareness of ethical and safe use of technology to improve patient care and healthcare outcomes.

2. **SDG 4 – Quality Education**

   The program enhanced students' knowledge on emerging technologies, ethics, and regulations, contributing to better learning and skill development.

3. **SDG 9 – Industry, Innovation and Infrastructure**

   It encouraged innovation by discussing the role of artificial intelligence in transforming healthcare systems and medical technologies.

4. **SDG 16 – Peace, Justice and Strong Institutions**

   The session addressed ethical practices, accountability, and regulatory frameworks, supporting responsible governance and transparency in healthcare systems.

Event Coordinator

30/3/26

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Principal
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