

A Report On

“Expert Talk on Technology Readiness Level (TRL), Manufacturing Readiness Level (MRL), Innovation Readiness Level (IRL), IP Commercialization and Technology Transfer”

16th February 2026



The poster is for an expert talk event. It features the logos of MMIT, Lohgaon (Department of Civil Engineering) and the Institution's Innovation Council (Ministry of HRD Initiative). The text invites you to an expert talk on Technology Readiness Level (TRL), Manufacturing Readiness Level (MRL), Innovation Readiness Level (IRL), Intellectual Property (IP) Commercialization, and Technology Transfer. The date is 16.02.2026 and the time is 1:30 PM to 3:30 PM. The poster includes icons for a clipboard, a lightbulb, a factory, a handshake, and a document with 'IP' on it.

MMIT, LOHGAON
DEPARTMENT OF CIVIL ENGINEERING

INVITES YOU TO AN
EXPERT TALK
on

Technology Readiness Level (TRL)
Manufacturing Readiness Level (MRL)
Innovation Readiness Level (IRL)
Intellectual Property (IP) Commercialization
Technology Transfer

Date: 16.02.2026 | Time: 1:30 PM to 3:30 PM

Organized By



**Institution's Innovation Council &
Department of Civil Engineering
Marathwada Mitra Mandal's Institute of Technology,
Lohgaon, Pune**

Approved by **AICTE** New Delhi, Recognized by **DTE** Maharashtra & Affiliated to Savitribai Phule Pune

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“Techno -Social Excellence”
MARATHWADA MITRA MANDAL'S
INSTITUTE OF TECHNOLOGY (MMIT)
S.No.35, Plot No. 5/6, Lohgaon, Pune-411 047



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Principal, MMIT

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Professor | HoD - Civil Engineering

COORDINATORS

Dr. Akshay A. Thakare
Associate Professor | IQAC Coordinator

Ms. Nikhil R. Gurav
Assistant Professor



INSTITUTION'S INNOVATION COUNCIL
(Academic Year 2025-26)



Date: 18/02/2026

“Expert Talk on Technology Readiness Level (TRL), Manufacturing Readiness Level (MRL), Innovation Readiness Level (IRL), IP Commercialization and Technology Transfer”

The Department of Civil Engineering organized an expert talk on Technology Readiness Level (TRL), Manufacturing Readiness Level (MRL), Innovation Readiness Level (IRL), Intellectual Property (IP) Commercialization, and Technology Transfer as part of academic enrichment and innovation-driven learning initiatives on **February 16, 2026**.

The objective of this session was to provide students with a comprehensive understanding of the various readiness levels associated with technological development, along with insights into intellectual property commercialization and effective technology transfer mechanisms. The session aimed to bridge the gap between academic research and industrial application.

The expert elaborated on the systematic progression of technologies from conceptualization to commercialization using TRL, MRL, and IRL frameworks. The discussion also emphasized the importance of protecting intellectual property and transforming innovative ideas into viable commercial products through structured IP management and technology transfer strategies.

Details of the Expert Talk:

- **Date:** February 16, 2026
- **Time:** 1:30 PM – 3:30 PM
- **Mode:** Online
- **Resource Person:** Dr. Sanchit Gupta, Senior Research Associate, IIT Indore.
- **Total Duration:** 2 Hours
- **Total Participants:** 20

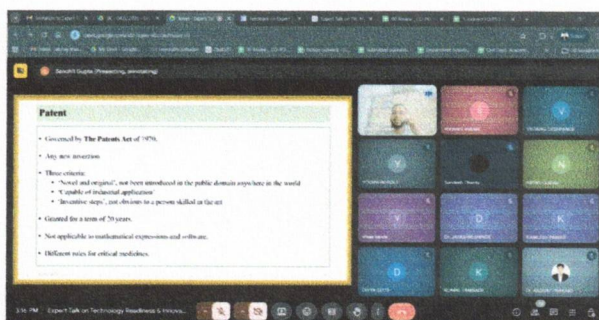
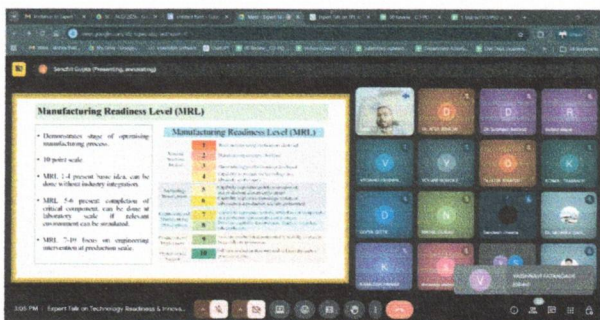
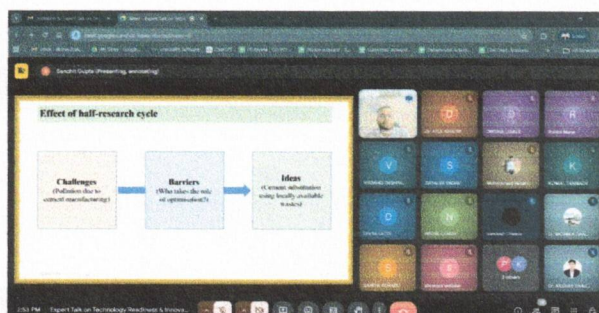
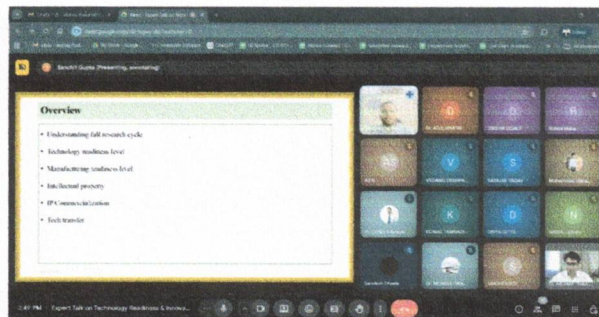
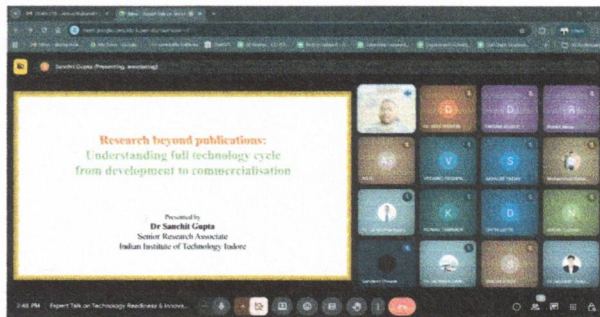
Objectives:

- To introduce students to the concepts of TRL, MRL, and IRL in technology development
- To create awareness about the stages involved in converting ideas into market-ready products
- To provide knowledge about Intellectual Property (IP) commercialization strategies
- To understand the process and importance of technology transfer
- To encourage innovation and entrepreneurial thinking among students

Outcomes:

- Participants gained a clear understanding of the Technology Readiness Level (TRL), Manufacturing Readiness Level (MRL), and Innovation Readiness Level (IRL) frameworks and their significance in evaluating the maturity of technologies.
- The session provided valuable insights into Intellectual Property (IP) commercialization, enabling students to understand how innovative ideas can be transformed into commercially viable products.
- The expert explained the process of technology transfer, highlighting the collaboration between academia and industry for successful implementation of innovations.
- The talk inspired participants to think beyond theoretical knowledge and focus on practical applications, innovation, and entrepreneurship.

Glimpses of the Session:




Dr A A Thakare
 Event
 Coordinator


Mr. N.R.Gurav
 Event
 Co-coordinator


Dr. A P Khatri
 HOD
 Civil Engineering


Dr. N N Satonkar
 IIC, President
 MMIT



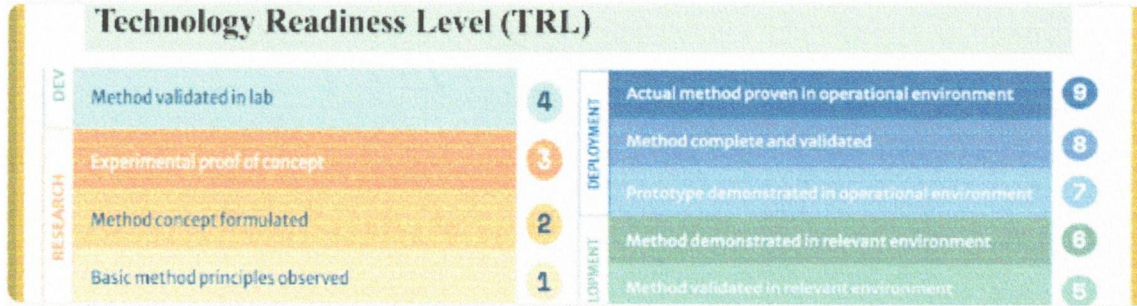
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Feedback by Participants:



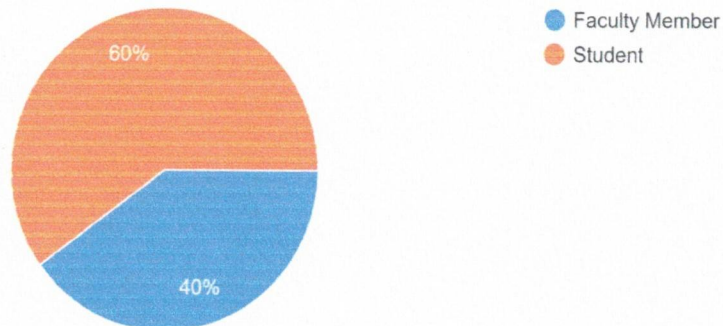
Feedback on Expert Talk on Technology Readiness & Innovation Ecosystem

10 responses

[Publish analytics](#)

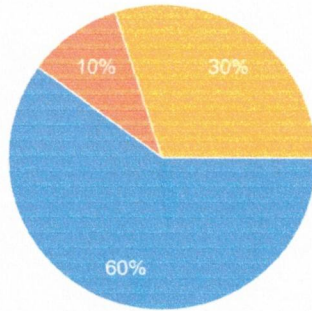
Participant

10 responses



Designation

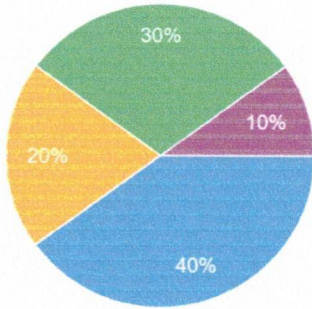
10 responses



- Not Applicable
- Assistant Professor
- Associate Professor
- Professor

Class

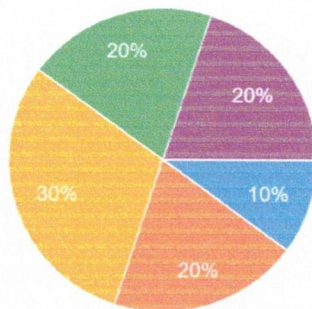
10 responses



- Not Applicable
- FE
- SE
- TE
- BE

Branch

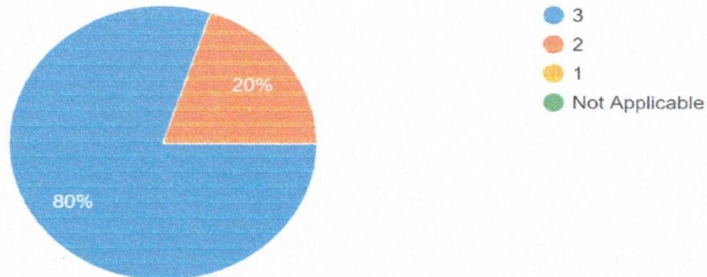
10 responses



- Mechanical Engineering
- Computer Engineering
- Civil Engineering
- Mechatronics Engineering
- Artificial Intelligence & Data Science
- Robotics & Artificial Intelligence
- Engineering Sciences & Humanities

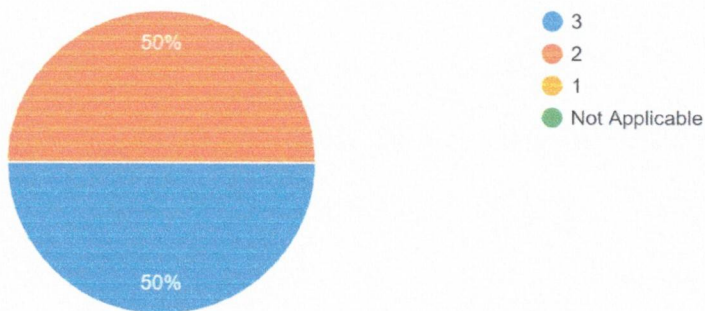
1. The session provided clarity on the application of engineering knowledge in technology development.

10 responses



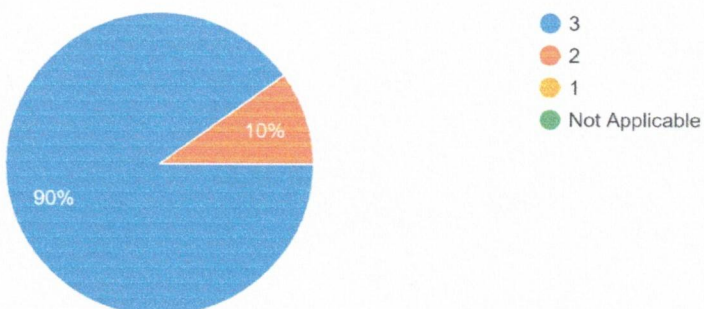
2. The session helped in understanding how engineering problems are identified and analyzed in real-world innovation contexts.

10 responses



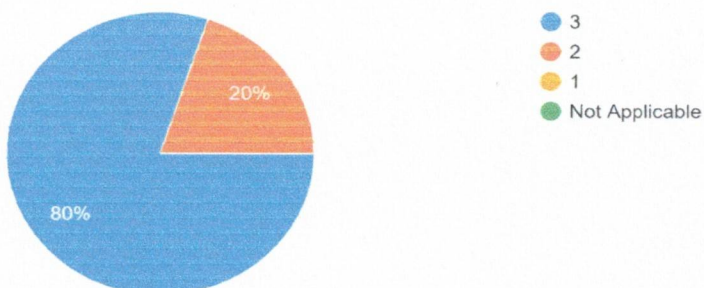
3. The talk explained the process of developing and evaluating technological solutions (TRL/MRL/IRL) effectively.

10 responses



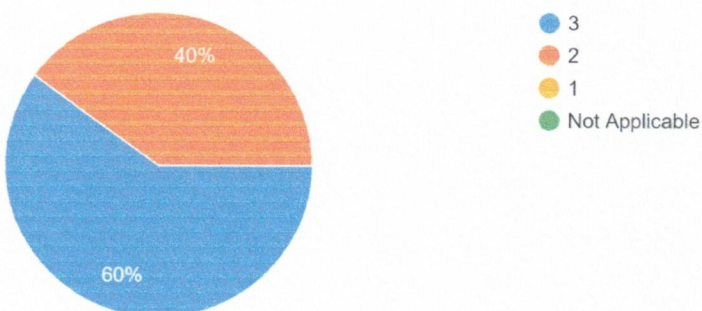
4. The session highlighted the role of modern tools and techniques in technology development and transfer.

10 responses



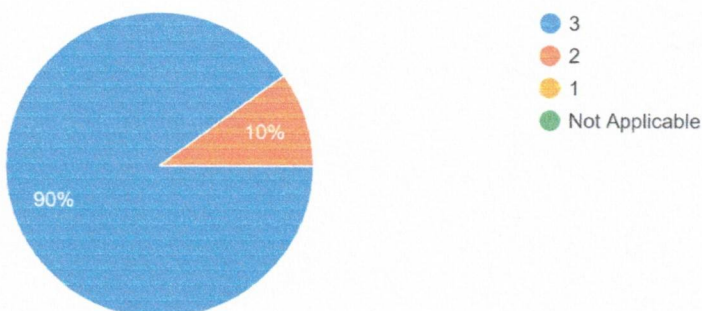
5. The session created awareness about intellectual property (IP) and its commercialization.

10 responses



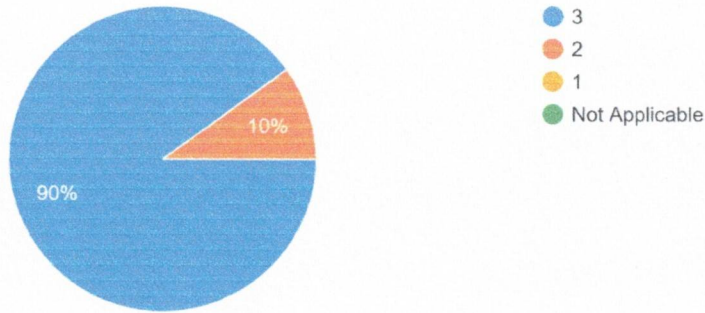
6. The talk emphasized the importance of technology transfer in engineering practice.

10 responses



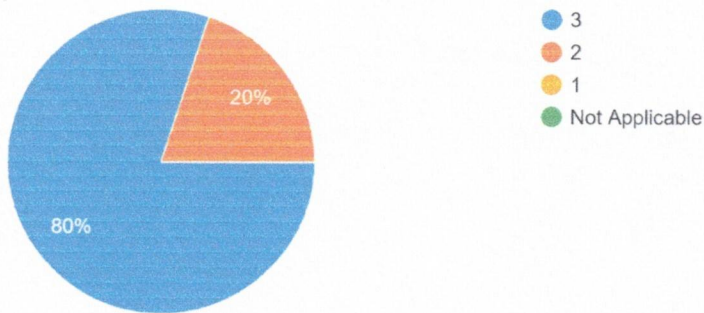
7. The session enhanced awareness of sustainability and societal considerations in technological innovations.

10 responses



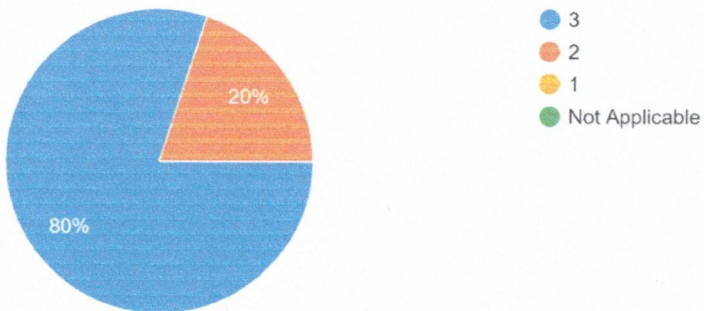
8. The session reflected the importance of professional ethics in research and innovation.

10 responses



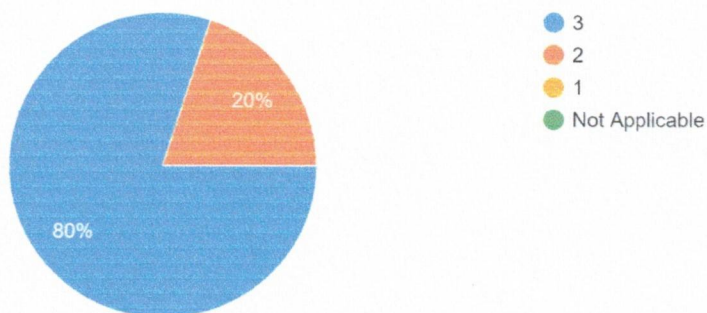
9. The session improved understanding of project management aspects in technology development.

10 responses



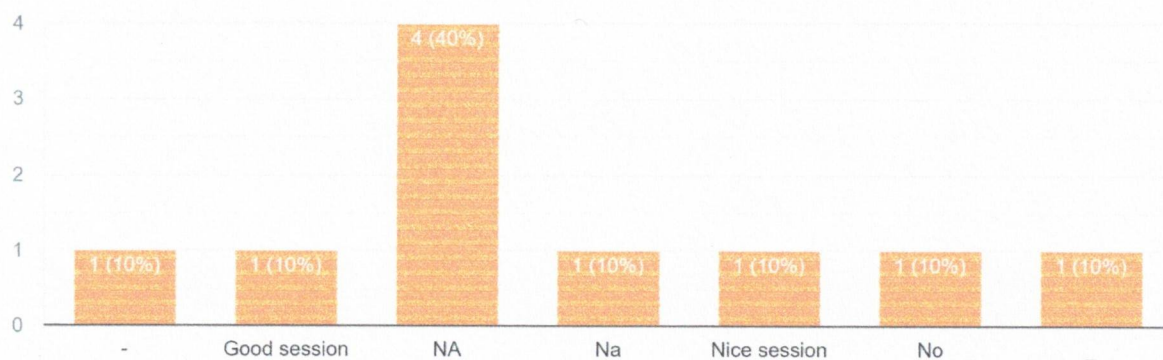
10. The session motivated interest in research, innovation, and continuous learning.

10 responses



Comment and recommendations, if any

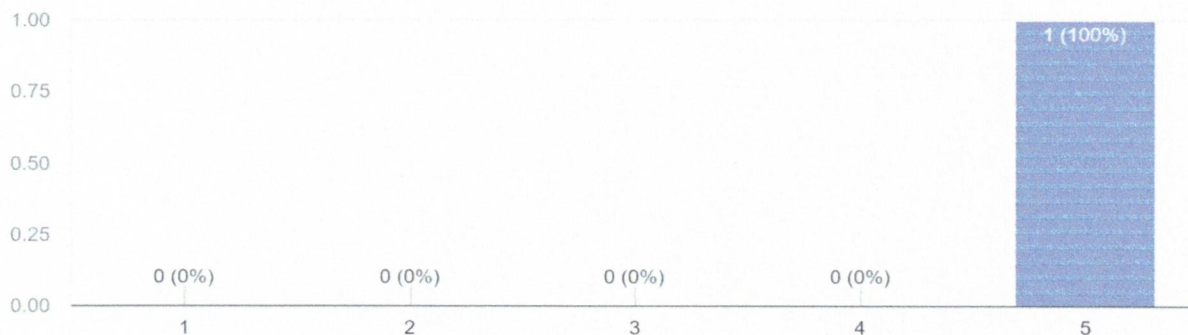
10 responses



Feedback by Speakers:

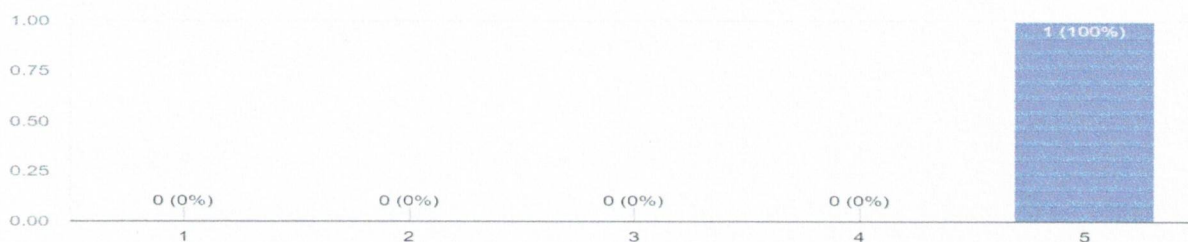
1. Pre-Event Coordination The communication and coordination before the session were effective.

1 response



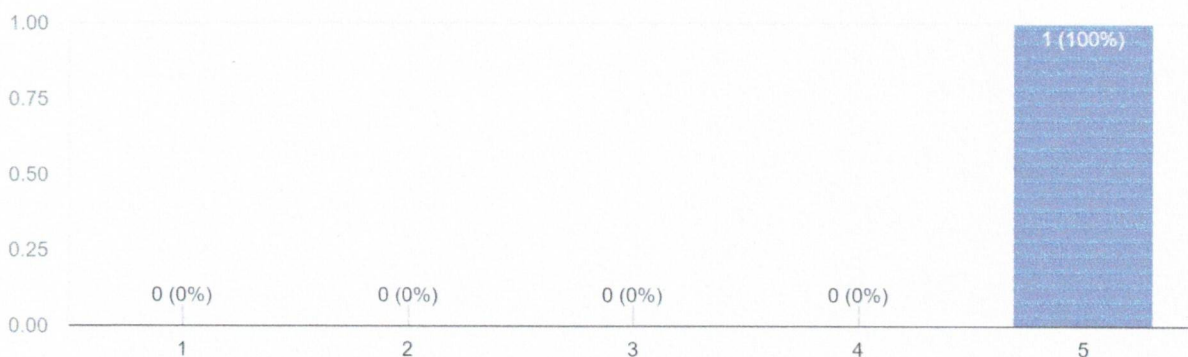
2. Clarity of Expectations The objectives and expectations of the session were clearly communicated.

1 response



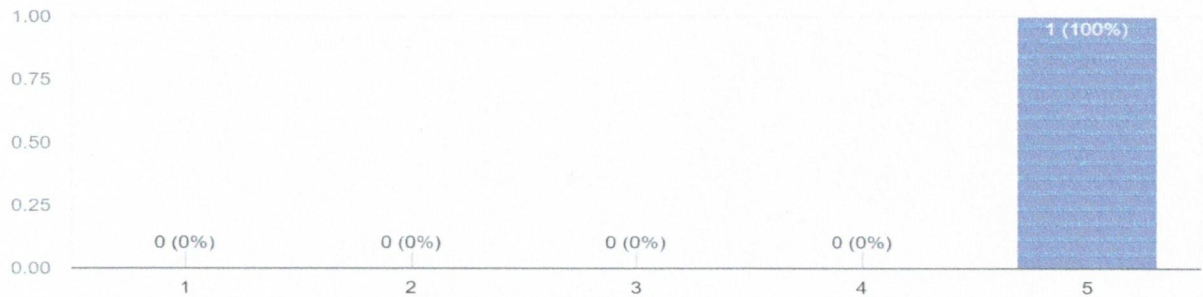
3. Technical Arrangements The online platform and technical support were satisfactory.

1 response



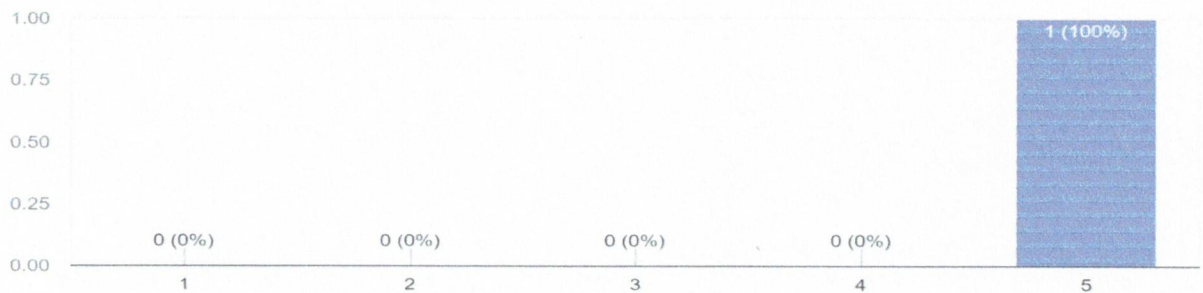
4. Audience Engagement The participants were attentive and interactive during the session.

1 response



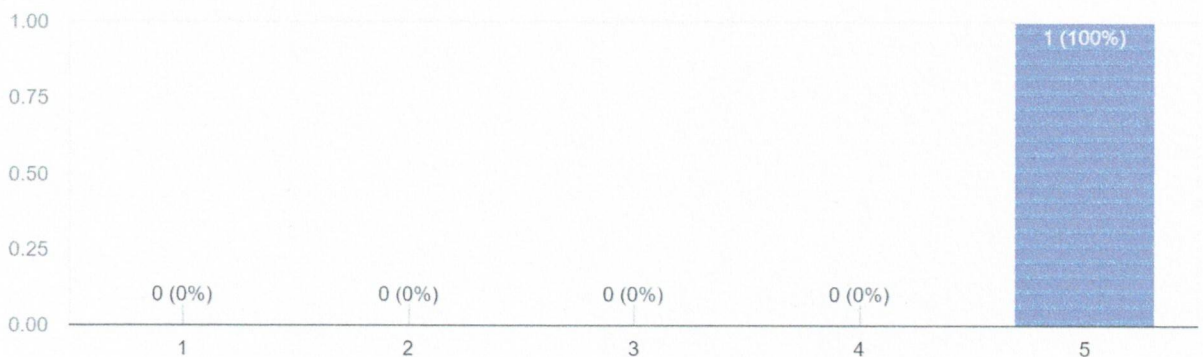
5. Time Management The session was well-organized and conducted as per the schedule.

1 response



6. Relevance of Audience The background and level of participants were appropriate for the session.

1 response



7. Overall Experience The overall experience of delivering the session was satisfactory.

1 response

