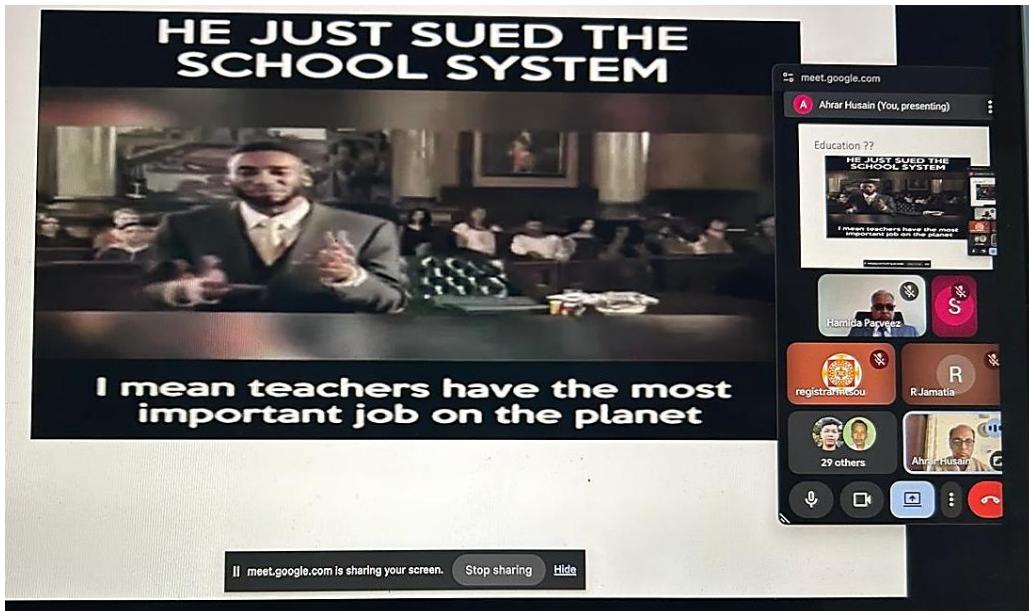


# Webinar Report

**Event Title:**

**“Emerging Technologies and AI Tools in Teaching, Learning, and Research”**

**Date & Time:**

*04 December 2025 / 11:00 AM – 1:30 PM (IST)*

**Platform Used:**

Google Meet: <https://meet.google.com/qkq-ohom-ijq>

**Organized By:**

*School of Computer Science and Information Technology, Mata Tripura Sundari Open University (MTSOU), Agartala Office, Hapania, Agartala, West Tripura, India*

**Speaker(s)/Presenter(s):**

Prof. Ahrar Husain, Professor, Faculty of Education and Director, Centre for Distance and Online Education, Jamia Millia Islamia, New Delhi

**1. Objective of the Webinar**

The primary objectives of the webinar were to:

- Provide insights into the latest technological trends in education.
- Explore the use of Artificial Intelligence tools to enhance teaching, learning, and research.
- Demonstrate how emerging technologies shape future research methodologies.
- Motivate educators, scholars, and researchers to integrate digital tools into academic activities.

## 2. Overview of the Session

The session focused on the role of emerging technologies and AI applications in academic and research environments. The speaker discussed practical use cases, demonstrated digital tools, and highlighted ethical and pedagogical implications of AI. Participants gained an understanding of how AI-based automation, data-driven decision-making, and smart applications are influencing modern learning systems.

### Topics Covered

- Evolution of computers
- Web generations (Web 1.0–Web 5.0)
- Wearable devices
- Mobile network advancements (1G–5G)
- NEP-related technology integration
- AI vs human cognition
- Identifying research problems
- Web tools before, during, and after research

The session concluded with a Q&A session, addressing the implementation and applicability of the tools.

## 3. Participation Summary

Category	Count
Registered	62
Attended	38

## 5. Outcomes / Learnings

Participants gained:

- Awareness of emerging technologies in academia
- Insights into AI-supported teaching and research processes
- Understanding of digital tools across research stages
- Improved clarity on selecting and framing research problems

## 6. Conclusion

The webinar successfully met its objectives by equipping participants with relevant knowledge on technology-enabled education and research practices. Participants expressed interest in future sessions focused on hands-on demonstrations and tool-based training, indicating positive engagement and scope for continued learning initiatives.