

# REPORT: VISIT TO CIET-NCERT



On **2nd September 2024**, the students of M.Sc. Mathematics Education from the Cluster Innovation Center, University of Delhi, visited the Central Institute of Educational Technology (CIET), a unit of the National Council for Educational Research and Training (NCERT). Mr. Satish, a Junior Project Fellow at CIET, welcomed us and provided an introduction to CIET's role and initiatives through an informative video.

We began our tour with a visit to the Rashtriya Vidya Samiksha Kendra (RVSK), a developing project that monitors teacher and student attendance across 18 states in India, with plans to expand nationwide. The next stop was the recording lab, where we observed the process of creating educational content that is later uploaded to NCERT's YouTube channel. The team explained the technical setup, including the use of chrome screens, lighting, and Teleprompters.

In the audio lab, we learned about the recording and editing of educational audio materials such as NCERT book readings and poems in Hindi and English. We also observed a live session in the live recording lab, where content was being integrated in real time with a teacher's explanation, demonstrating innovative approaches to content delivery.

We also had the opportunity to experience the Virtual Reality (VR) lab, where we explored how VR is used to make learning more engaging and interactive. We were shown examples of school science concepts presented through VR, which made the learning process both interesting and immersive.

The tour concluded with a visit to the Experiential Learning Lab, where we were introduced to several components:

- **Kibo (Knowledge in a Box):** A device designed for differently-abled persons, capable of converting written text into audio and editable through android or computer devices.
- **Diksha Portal:** A platform where students can conduct experiments using simulations, enhancing their understanding through hands-on virtual experiences.
- **iPrep Learning:** A comprehensive learning platform providing students with access to a variety of resources, including notes, tests, exercises, videos, and simulations.

Overall, the visit to CIET provided an insightful look into the innovative educational technologies being developed and implemented by NCERT. The hands-on experience in various labs and the exposure to cutting-edge tools and platforms highlighted the significant role of CIET in enhancing the educational landscape in India. The visit was highly informative and inspiring, showcasing the potential of technology in transforming education.