

OLabs Training Report

Dates: 29th to 31st October, 2025

Venue: DIET, U.S. Nagar

Master Trainer: Dr. Dipti Verma, Lecturer (Biology), Nirmal Niyoliya

Coordinators: Anita Pujara, Bhupal Nagi

Introduction

An OLabs (Online Laboratory) Training Programme was organized at **DIET, U.S. Nagar** from **29th to 31st October, 2025**. The main objective of the programme was to familiarize teachers with the use of **Online Labs (OLabs)**, a digital platform that allows students to perform experiments virtually, thus enhancing conceptual understanding and practical learning in science and other subjects.

Objectives of the Training

1. To introduce teachers to the concept, features, and educational importance of OLabs.
2. To demonstrate how virtual experiments can complement classroom teaching.
3. To provide hands-on training in the use of OLabs for different subjects.
4. To encourage teachers to integrate ICT tools into their daily teaching practices.

Training Details

- **Dates:** 29th – 31st October, 2025
- **Venue:** DIET, U.S. Nagar
- **Master Trainer:** Dr. Dipti Verma, Lecturer (Biology), Nirmal Niyoliya
- **Coordinators:** Anita Pujara and Bhupal Nagi
- **Subjects Covered:** Biology, Physics, Chemistry, Social Science, and English

During the three-day training session, participants learned about the registration and login process for OLabs, explored various subject-specific virtual experiments, and discussed strategies for incorporating OLabs into classroom teaching.

Outcomes of the Training

- Teachers developed the skills to conduct and demonstrate experiments using OLabs.
- Participants gained awareness of digital pedagogy and ICT integration in education.
- The training encouraged innovative and technology-based approaches to teaching.
- It enhanced teachers' capacity to engage students through interactive and visual learning.

Conclusion

The OLabs Training Programme (29th–31st October 2025) conducted under the guidance of **Dr. Dipti Verma** and coordinated by **Anita Pujara** and **Bhupal Nagi** was highly successful. The programme provided valuable insights into virtual learning tools and strengthened teachers' ability to use digital resources effectively across subjects like **Biology, Physics, Chemistry, Social Science, and English**.

The initiative was a significant step toward promoting **digital education and experiential learning** in schools.

