

Seminar Report

Role of Digital Infrastructure in Enhancing Student Learning

Name of the Institution:

The HNSB Ltd. Science College, Himatnagar

Title of the Seminar:

Role of Digital Infrastructure in Enhancing Student Learning

Date: 16th December 2025

Time: 12:15 PM to 1:15 PM

Venue: Classroom No. 2

Organized by:

ICT & Digital Infrastructure Club

Resource Person:

Dr. S. G. Patel

Associate Professor

Chemistry Department

Coordinator:

Dr. N. I. Patel

Coordinator, ICT & Digital Infrastructure Club

Participation:

A total of **66 students** actively participated in the seminar.

Introduction

The ICT & Digital Infrastructure Club of The HNSB Ltd. Science College, Himatnagar organized a seminar on “*Role of Digital Infrastructure in Enhancing Student Learning*” on 16th December 2025. The seminar aimed to create awareness among students about the importance of digital infrastructure in modern education and its role in improving teaching–learning processes.

Objectives of the Seminar

- To understand the importance of digital infrastructure in education
- To create awareness about digital learning tools and platforms
- To support and enhance student learning through technology

Seminar Proceedings

The seminar commenced at 12:15 PM with a warm welcome to the resource person and participants. **Dr. S. G. Patel** delivered an insightful and informative lecture highlighting the role of digital infrastructure in higher education.

He explained how digital tools such as **Learning Management Systems (LMS)**, **smart classrooms**, **online learning platforms**, **e-resources**, **virtual laboratories**, and **digital libraries** contribute to

improved student engagement and academic performance. The speaker emphasized the need for institutions to adopt modern digital technologies to meet the evolving demands of education.

Dr. Patel also discussed the impact of digital infrastructure on:

- Interactive teaching and learning
- Accessibility of educational resources
- Collaborative learning environments
- Continuous assessment and feedback mechanisms

Students actively participated and showed keen interest during the session.

Interaction and Discussion

An interactive question-and-answer session followed the lecture. Students raised questions related to the use of digital platforms, online assessments, and future trends in digital education. The resource person addressed all queries with practical examples and guidance.

Conclusion

The seminar concluded at 1:15 PM with a vote of thanks to the resource person, organizers, and participants. The session was highly informative and beneficial, helping students understand the significance of digital infrastructure in enhancing learning outcomes and academic support.

Outcome of the Seminar

- Enhanced awareness of digital learning tools
 - Improved understanding of smart classrooms and LMS
 - Encouragement for students to effectively use technology in learning
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Overall, the seminar was successful and achieved its intended objectives.

The HNSB Ltd. Science College, Himatnagar

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