

Scientific Report Writing using Latex Event Report

Date: 22/02/2025

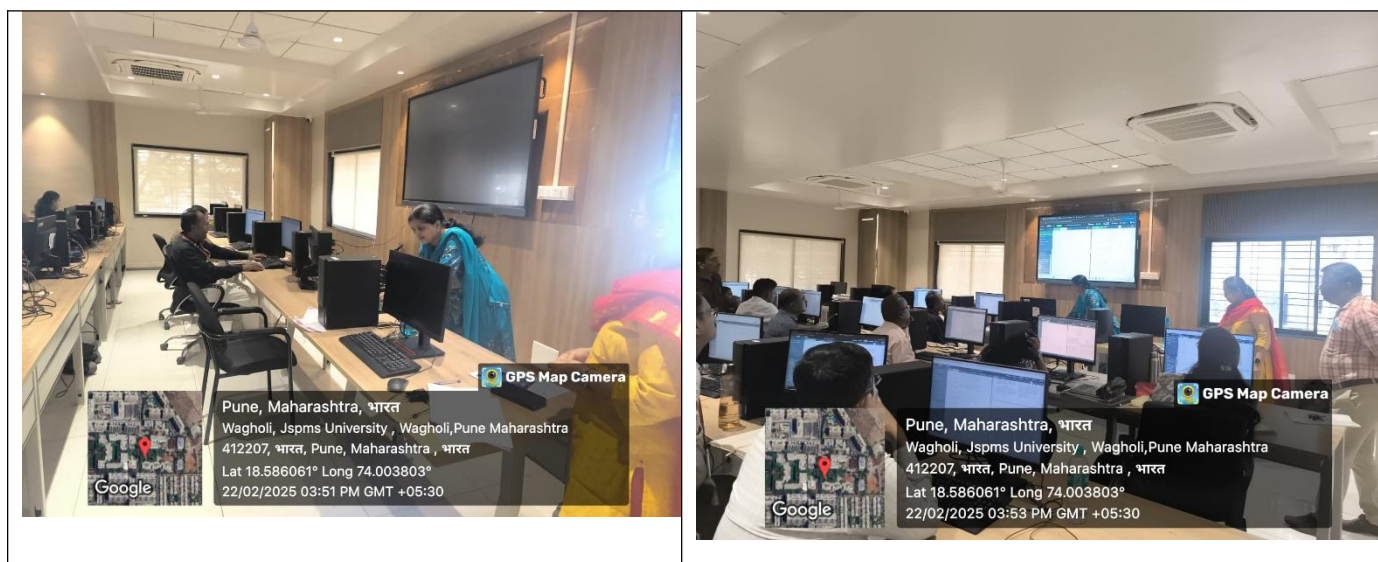
Venue: High Performance Computing Lab, New Library Building, JSPM University, Pune, Maharashtra

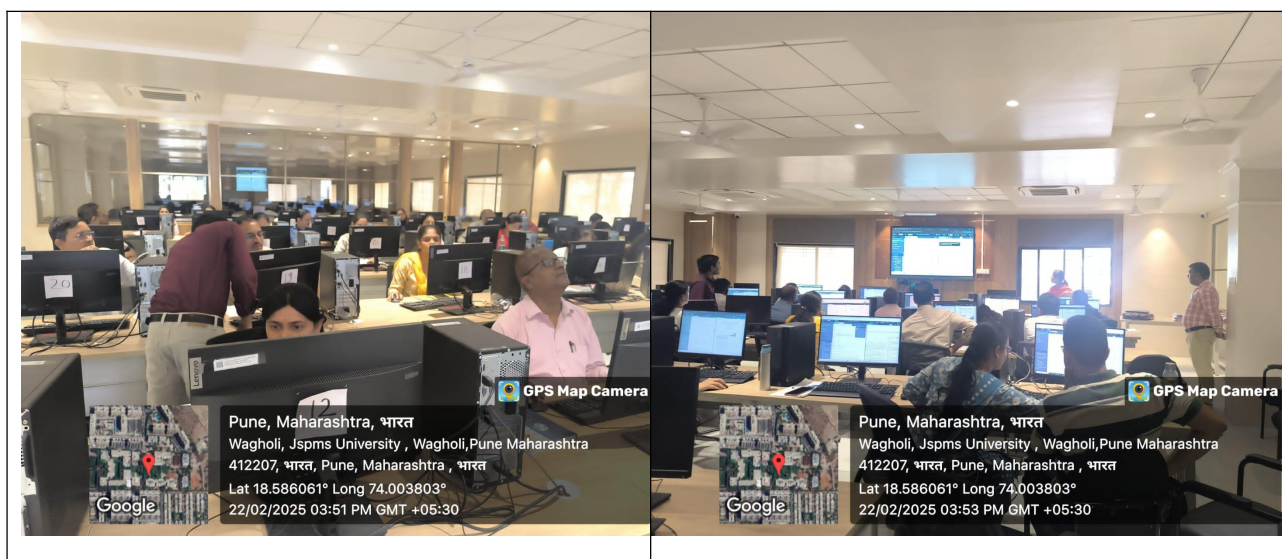
Participants: Ph D Scholars

Organizers and Speakers:

Dr. R. S. Deshpande, Dr. Anjali Upadyay, Dr. Anuradha Deshpande,
Dr. Preeti Topannavar, Dr. Mahesh Sonth

Objective: The primary objective of the session was to introduce participants to LaTeX and its advantages in scientific writing. The session aimed to provide hands-on training on LaTeX document preparation, familiarize students with formatting research papers, thesis documents, and reports, and demonstrate best practices in citation management and reference formatting. By the end of the session, participants were expected to have a strong foundation in LaTeX and be able to apply their knowledge in structuring and formatting their academic and research documents effectively.





Session Highlights

The session was conducted in an interactive manner, ensuring active participation from attendees. Key topics covered included:

1. **Introduction to LaTeX** – Overview of LaTeX, installation, and basic document structure.
2. **Document Formatting** – Sections, subsections, fonts, tables, and figures.
3. **Mathematical Equations** – Writing and formatting equations using LaTeX.
4. **Bibliography and Citations** – Using BibTeX for managing references.
5. **Templates and Thesis Writing** – Utilizing pre-defined templates for structuring research documents.
6. **Hands-on Practice** – Participants created sample reports and formatted documents using LaTeX.

Participation and Engagement

The workshop saw enthusiastic participation from PhD students across various disciplines. The interactive nature of the session allowed students to raise queries, troubleshoot common LaTeX errors, and gain practical insights from experts. Hands-on exercises helped reinforce learning, making the session highly effective.

Feedback and Outcomes

The feedback from participants was overwhelmingly positive. Many students expressed their appreciation for the practical approach of the session and its relevance to their academic writing needs. Key takeaways included:

- Enhanced understanding of LaTeX and its application in scientific writing.
- Increased confidence in structuring and formatting research documents.
- Awareness of best practices in citation management.



HANDS ON SESSION ON SCIENTIFIC REPORT WRITING USING LATEX

 **22-02-2025** |  **10:00 AM TO 01:00 PM**

**Venue: HPC lab, New Library Building,
JSPM University, Pune**

ORGANISERS AND SPEAKERS:

**Dr. R. S. Deshpande | Dr. Anuradha Deshpande
Dr. Preeti Topannavar | Dr. Mohd. Nazeem
Dr. Mahesh Sonth**

Conclusion

The hands-on session on scientific report writing using LaTeX was a resounding success. It provided PhD students with valuable skills necessary for academic and research excellence. Future workshops will be planned to further enhance LaTeX proficiency, covering advanced topics such as journal manuscript formatting and collaborative writing using Overleaf.