

Report on LaTeX Workshop

Organized For: SE EXTC A & B

Speakers: Dr. Vaqar Ansari and Ms. Savita Kulkarni

Venue: Room 613 (SE EXTC A) | Room 614–615 (SE EXTC B)

Introduction

A LaTeX Workshop was conducted for the Second Year EXTC students with the aim of enhancing their technical documentation and report-writing skills. The workshop introduced students to LaTeX, a professional typesetting system widely used for creating structured and well-formatted technical documents.

The session for SE EXTC A was held on 9th February from 12:00 p.m. to 1:30 p.m. in Room 613. The session for SE EXTC B was conducted on 11th February from 10:00 a.m. to 11:30 a.m. in Rooms 614–615.



Flow of the Event:

The workshop followed a structured and interactive format to ensure clear understanding and active participation.

1. Introduction to LaTeX

The session began with an overview of LaTeX, explaining its relevance in academic and professional documentation. Students were familiarized with the interface and basic commands.

2. Creating Professional Reports

The speakers demonstrated how to structure documents, create sections, add titles, and format content systematically for project reports and submissions.

3. Writing Equations, Tables, and Figures

A detailed explanation was provided on writing mathematical equations, inserting tables, including figures, and formatting them appropriately using LaTeX tools.

4. References and Document Styling

Students were guided on managing references, citations, and bibliographies efficiently. The importance of consistent formatting and document styling was also emphasized.

5. Live Demonstration

A live demonstration was conducted where a sample document was created step-by-step, helping students understand the practical implementation of the concepts discussed.





Event Management

The workshop was smoothly organized with proper scheduling and classroom arrangements. Necessary technical equipment, including projectors and system setups, were arranged in advance to ensure uninterrupted demonstration sessions.

The coordination between faculty members and student organizers ensured disciplined participation and effective time management throughout both sessions.

Student Participation and Response

Students actively participated in the workshop and showed keen interest during the live demonstration. Many students clarified their doubts regarding project formatting and thesis documentation.

The session proved beneficial, particularly for students preparing technical reports and mini-project documentation. The interactive nature of the workshop helped them gain practical exposure and confidence in using LaTeX.

Conclusion

The LaTeX Workshop was a successful and informative session that equipped students with essential documentation skills. The guidance provided by Dr. Vaqar Ansari and Ms. Savita Kulkarni helped students understand how to create structured and professionally formatted technical documents.

Overall, the workshop achieved its objective of strengthening students' documentation skills and preparing them for academic and professional report writing.