

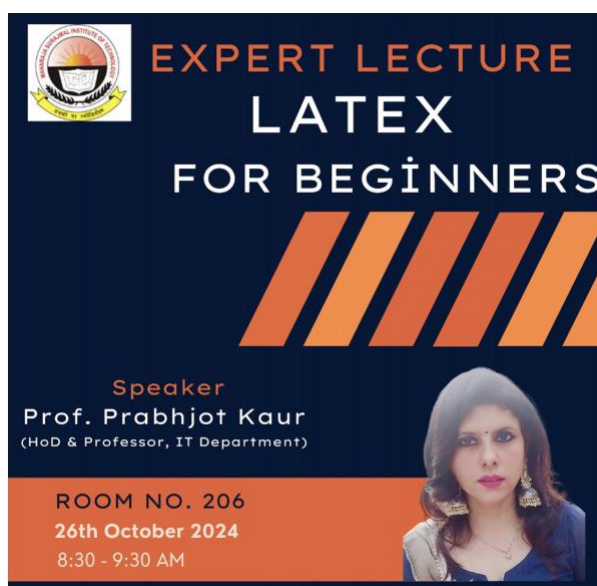
# Maharaja Surajmal Institute of Technology, New Delhi-110058

## Department of Information Technology

### Expert Lecture Report

Industry Name and Address	MSIT
Name of the Expert	Prof. Prabhjot Kaur
Date and Time	26-10-2024, 8:30 AM - 9:30 AM
Target Audience	IT Department
Organized by	IT Department
Attended Participants	20/28 (71.4%)

An expert lecture on the topic “Latex for Beginners” is organized as a part of Lecture series by the professors of MSIT on 26<sup>th</sup> Oct., 2024 in 206 from 8.30 to 9.30 am. The speaker of the expert lecture was Prof. Prabhjot Kaur.



Prof. Prabhjot introduced the fundamentals of LaTeX, highlighting its advantages for writing research papers and scientific documents over traditional word processors. She reviewed various online and offline LaTeX editors and demonstrated practical use through the Overleaf online editor. Overleaf, as a collaborative tool, facilitates teamwork by allowing all team members to contribute and work simultaneously on the same document.

LaTeX is a typesetting system widely used for creating high-quality documents, particularly in academia, science, and engineering fields. Unlike traditional word processors, LaTeX uses a markup language to define document structure and format, making it especially effective for handling complex content such as mathematical equations, scientific symbols, and extensive references. It provides precise control over layout, making it ideal for research papers, theses, and reports where consistency and professional formatting are essential. LaTeX supports various document styles and bibliographic references, streamlining the process of adhering to publication standards. Additionally, platforms like Overleaf offer a collaborative environment where multiple users can work on the same document in real time, enhancing productivity and teamwork. Overall, LaTeX is valued for its powerful capabilities in producing elegant and publication-ready documents.



Prof. Prabhjot Kaur