BHUJBAL KNOWLEDGE CITY Mumbai Educational Trust	**MET's Institute of Technology (Polytechnic), Nashik** **Department of Information Technology (Inst. Code: 0776)** **(NBA Accredited Programme)** www.metbhujbalknowledgecity.ac.in

AY:2026-27

Name of Activity	Workshop on **"Latex"**
Academic Year	2026–2027
Department	Department of Information Technology
Institute	MET's Institute of Technology Polytechnic, Nashik
Date & Time	30/09/2026 | 1:00 PM to 3:00 PM
Venue	Software Lab (105)
Target Participants	All TYIF Students
Resource Person	Dr. V. R. Kandhave
Designation & Company Name	Assistant Professor, MET's Institute of Engineering, Nashik
Activity Coordinator	Mrs. Anumeha Lal | Mrs. P. M. Takate
Co-Coordinator	Ms. S. P. Pathak

Applicable POs :

PO No.	POs	Reason
PO1	Engineering Knowledge	Students apply engineering and technical knowledge while preparing academic and technical documents.
PO3	Design/Development of Solutions	Students learn to prepare well-structured technical documents and reports using LaTeX.
PO5	Engineering Tool Usage	Students gain practical exposure to LaTeX as a modern software tool for document preparation, formatting and mathematical typesetting.
PO9	Communication	Students develop technical writing and documentation skills for effectively presenting engineering information.
PO11	Life-Long Learning	Students develop skills in modern documentation tools that support continuous academic and professional development.

Applicable PEO's :

PEO No.	PEOs	Reason
PEO I	Knowledge & Career Growth	Enhances students' knowledge of professional documentation tools and supports their academic and career development.
PEO II	Software & Hardware Skills	Provides practical exposure to LaTeX as a software tool for technical documentation.
PEO III	Design & Programming Skills	Develops document structuring, formatting and technical presentation skills required for engineering projects.

Applicable PSO's :

PSO No.	PSOs
PS01	Modern Information Technology: Students learn to use modern technologies and applications for preparing technical documents and reports.
PSO2	Information Technology Process: Students develop skills in using modern information technology tools for technical documentation and information presentation.

Objective of the Activity :

- To introduce students to LaTeX and its applications in technical documentation.
- To familiarize students with the preparation of professional documents and academic reports using LaTeX.
- To develop practical skills in formatting tables, figures and mathematical equations.
- To understand the use of LaTeX for preparing project reports, research papers and other academic documents.

Topics Covered	Activities Conducted	Learning Outcomes
Introduction to LaTeX	An introductory session on LaTeX, its features and applications in technical documentation.	Students understood the fundamentals of LaTeX and its importance in preparing professional documents.

Preparation of Professional Documents and Reports	Demonstration of document creation, formatting and structuring using LaTeX.	Students learned how to create well-structured professional documents and academic reports.
Project Reports and Research Papers	Discussion and demonstration of preparing project reports and research papers using LaTeX.	Students gained knowledge of preparing organized and properly formatted technical reports and research papers.









Ms. S. P. Pathak
Prepared by

Mrs. Anumeha Lal | Mrs. P. M. Takate
Guest Lecture In-Charge

Mr. S. B. Patil
HOD IF Dept.

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THE INSTITUTION OF ENGINEERS (INDIA) INCORPORATED BY ROYAL CHARTER

One-Day Workshop

on

LaTeX

for Final Year Information Technology Students

LEARN | CREATE | DOCUMENT | EXCEL



Resource Person

Dr. V. R. Kandhave
Assistant Professor
MET, Institute of Engineering

Date
30 September 2026
(Wednesday)

Duration
One Day

Participants
Final Year Information Technology Students

Venue
Software Lab (105)
MET's Institute of Technology (Polytechnic), Nashik



Workshop Highlights

- Introduction to LaTeX
- Preparation of professional documents and reports
- Tables, figures and mathematical equations
- Project reports and research papers
- References and other academic documentation
- Hands-on practice using LaTeX

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