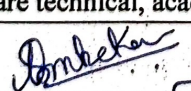
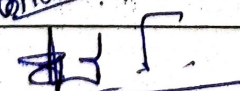


Bhujbal Knowledge City
MET's Institute of Engineering
Artificial Intelligence & Data Science Department

Activity/ Event Report

Title	: LaTeX Workshop														
Date	: 24/09/2024														
Venue	: 215														
Association, if Any	:														
Objective	1. Enhance Technical writing skills with effective formatting tools. 2. Understanding the usage of LaTeX packages for applications like mathematical typesetting, bibliography management, etc. 3. Developing professional peer reviewing and editing skills. 4. Understand how to collaborate on LaTeX documents using cloud-based platforms (e.g., Overleaf).														
PO/PSO Addressed & Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
	2.67	2.63	2.55	-	2.61	-	-	-	-	2.71	-	-	-	2.59	2.75
Name of Incharge	Coordinator: Mrs. Neelima Sagar Ambekar														
	Co-Coordinator: _____														
	Supporting Staff: Prof Nilesh Ahire														
Approved By	HOD <input checked="" type="checkbox"/>			Principal <input type="checkbox"/>			Other <input type="checkbox"/>			(Specify: _____)					
Detailed Report Attached	Yes														
Details of Guest/ Speaker/.....	Name: Mrs. Neelima Sagar Ambekar														
	Designation: Assistant Professor														
	Contact Details: 9604724459														
Photograph/Video Available	: Yes														
	If Yes: Print & Soft and Submitted to Prof Nilesh Ahire														
Feedback of Activity	: Collected														
Brief about Activity /Event	This LaTeX workshop is typically a hands-on session aimed at teaching participants how to use LaTeX for document preparation. Key topics often covered included an introduction to LaTeX, document Formatting, citations, Bibliographies, Figures, Tables, creating Reports and Articles, and Troubleshooting. This workshop is typically designed for students who need to prepare technical, academic, or scientific documents with precise formatting.														
Sign. of Coordinator															
Sign. of HOD															
Remark if Any (for office use)	Head, Department of AI & DS, MET's Institute of Engineering, Bhujbal Knowledge City, Adgaon, NASHIK - 03.														

List of Enclosures: - Report, Snaps of Activity, Attendance sheet , Feedback Form,



MET's Institute of Engineering

Report on "LaTeX" Workshop

(Under the Course of Seminar and Technical Communication -
317526)

Date: 24/09/2024

Location: Nashik, Maharashtra

Organized by: MET's Institute of Engineering, Department of Artificial Intelligence and Data Science.

Participants: [67 students/3 staff member]

Introduction

The LaTeX workshop was conducted on 24/09/2024 with the objective of introducing participants to LaTeX, a high-quality typesetting system used for the production of technical and scientific documentation. The workshop was organized by the Department of Artificial Intelligence and Data and aimed at providing hands-on experience for attendees in creating documents with complex formatting, especially those that include mathematical equations, references, and bibliographies.

Objective

The primary objectives of the workshop:

1. Enhance Technical writing skills with effective formatting tools.
2. Understanding the usage of LaTeX packages for applications like mathematical typesetting, bibliography management, etc.
3. Developing professional peer reviewing and editing skills.
4. Understand how to collaborate on LaTeX documents using cloud-based platforms (e.g., Overleaf).

Topics Covered

During the workshop, the following key topics were covered:

1. **Introduction to LaTeX**
 - o Overview of LaTeX and its applications.
 - o Installing LaTeX distributions and editors.
 - o The basic structure of a LaTeX document.
2. **Formatting Text**
 - o Sectioning commands: \section, \subsection, \subsubsection, etc.
 - o Font styles: bold, italics, underline.

- Lists: itemize, enumerate, and description lists.
- Page layout and document styles.
- 3. **Mathematical Notation**
 - Inserting mathematical equations and symbols using math mode.
 - Inline equations, displayed equations, and numbered equations.
 - Special symbols like Greek letters, fractions, integrals, summations, etc.
- 4. **References and Citations**
 - Creating a bibliography with BibTeX.
 - Inserting citations and managing references.
 - Handling multiple bibliographies.
- 5. **Tables and Figures**
 - Creating tables with varying formats.
 - Inserting and formatting images and figures.
 - Captioning tables and figures.
- 6. **Advanced Features**
 - Using packages for custom formatting (e.g., geometry, tikz).
 - Creating presentations using the Beamer class.
 - Creating multi-page documents with automatic page numbering.

Learning Outcomes

By the end of the workshop, participants were expected to:

- Gain a strong understanding of LaTeX commands and document structure.
- Be able to create professional-looking documents with proper formatting.
- Understand how to include mathematical equations, references, and bibliographies.
- Be familiar with the LaTeX ecosystem and its powerful features for academic writing.

Conclusion

The LaTeX workshop was a success, providing participants with a comprehensive overview of the LaTeX typesetting system. Attendees were able to learn how to create well-structured, professional documents that are commonly required in academia and research. The hands-on approach to learning allowed for a deeper understanding of the tools and features available in LaTeX, and the workshop concluded with positive feedback from the participants, many of whom expressed interest in attending advanced sessions in the future.

Feedback

The feedback from participants was overwhelmingly positive, with many appreciating the clarity of the instructions, the practical exercises, and the opportunity to ask questions during the session. A few participants suggested including more advanced topics, such as customizing document templates and creating complex diagrams.

Submitted by:

Neelima Sagar Ambekar
Prof. Neelima Sagar Ambekar
Assistant Professor

Date: 26/09/2024



Dr. S. V. Gumaste
Dr. S. V. Gumaste

HEAD
Department of AI & DS,
MET's Institute of Engineering,
Bhuijal Knowledge City,
Adgaon, NASHIK - 03.

Bhujbal Knowledge City

MET's Institute of Engineering

A Workshop on "LaTeX"



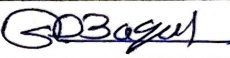

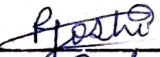
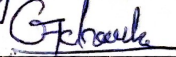
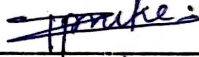
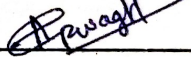
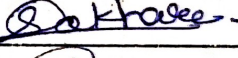
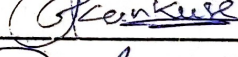
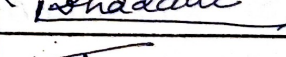
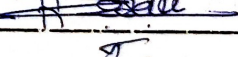

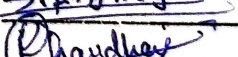
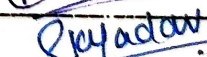

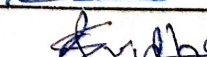
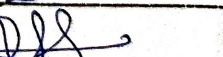

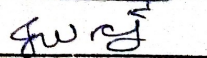
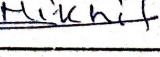

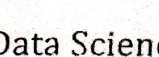
(Under the Course of Seminar and Technical Communication - 317526)

Organized by Department of Department of Artificial Intelligence and Data Science

Date: 24th September 2024

Class: TE

Workshop Attendance

Sr. No	Student Name	Signature
1	Rucha Kulthe	
2	Ishwari Khalkot	
3	Sneha Bagul	
4.	Ritika Matu	
5.	Radhika Joshi	
6.	Gauri Chavanke	
7.	Prerna Bodke	
8	Anuja Wagh	
9.	Sakshi Sakhare	
10	Gaurav Konkuse.	
11	Lokesh Bhadane.	
12	Rushikesh Sanjay Desale	
13	Jay Chandrakant Deshmukh.	
14	Swami. A. Bhagwat	
15	porth. R. Chaudhari	
16.	Sakshi Krishnadev Yadav	
17.	Sara Saroj Pathan	
18.	Shreyash Sanjay Vidhate	
19	Darshan somnath shinde	
20	Muraf. I. Shaikh	
21	Swaney U. Aiwad	
22	Mihnil R wagh	
23	yesh jegorner	

- | | |
|---|--------------------|
| 24. Darshan P. Mekhe | <u>PPmekhe</u> |
| 25. Omkar. H. Gadakh | <u>@Gadakh</u> |
| 26. Soham Jadhav | Soham |
| 27. Purushottam A Gaikwad | <u>Purushottam</u> |
| 28. Anuja. P Wagh | <u>Anujaw</u> |
| 29. Sakshi. Sakhre | <u>Sakhs</u> |
| 30. Shreya chavan | <u>Shavan</u> |
| 31. mayuri patil | <u>Patil</u> |
| 32. Aaraya Pawar | <u>Aaraya</u> |
| 33. Tanmay lokhande | <u>Tanmay</u> |
| 34. Pratik Mali | <u>Pratik</u> |
| 35. Atharv Kasar | <u>Atharv</u> |
| 36. Neer Patel | <u>Neer</u> |
| 37 40 Abunjal Pataskar. | <u>Abunjal</u> |
| 38 Nandinee Kasar. | <u>Kasar</u> |
| 39 Sneha Patil | <u>Sneha</u> |
| 40 Krutika Gargurde | <u>Krutika</u> |
| 41 53 Pranjal Borse | <u>Pranjal</u> |
| 42 39 Shruaddha. Marumardane | <u>Shruaddha</u> |
| 43 Prasad More | <u>Prasad</u> |
| 44 55 sonawane sushant | <u>Sonawane</u> |
| 45 51 Tejas Moute | <u>Tejas</u> |
| 46 37 Kunal Patekar | <u>Kunal</u> |
| 47 Abhay Mishra | <u>Abhay</u> |
| 48 Pathan Mohammed Zaid | <u>Pathan</u> |
| 49 Ayaan Khan | <u>Ayaan</u> |
| 50 Aditya Nikam | <u>Aditya</u> |
| 51 Shivam Patil | <u>Shivam</u> |
| 52 Harsh Patel | <u>Harsh</u> |
| 53 Yash Sonawane | <u>Yash</u> |

MET's Institute of Engineering A Workshop on "LaTeX"

(Under the Course of Seminar and Technical Communication - 317526)

Organized by Department of Department of Artificial Intelligence and Data Science

Date: 24th September 2024

Class: TE and BE

Workshop Feedback Form

Scale- 3. Excellent 2. Very Good 1. Average 0. Poor
(Tick the most appropriate choices in the following as per your opinion)

S.N.	Description	3	2	1	0
1	Quality of Contents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Quality of Presentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Quality of Communication	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Interaction with Participants	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- CO1: Enhance Technical writing skills with effective formatting tools.
- CO2: Understanding the usage of LaTeX packages for applications like mathematical typesetting, bibliography management etc.
- CO3: Developing professional peer reviewing and editing skills.
- CO4: Understand how to collaborate on LaTeX documents using cloud-based platforms (e.g., Overleaf).

CO's	COs Attainment	PO's Addressed	PSO's Addressed
CO1	How effectively do you analyze a current topic of professional interest, demonstrating depth of understanding and relevance? 3. Excellent <input checked="" type="checkbox"/> 2. Very Good <input type="checkbox"/> 1. Average <input type="checkbox"/> 0. Poor <input type="checkbox"/>	PO1, PO2, PO3, PO4, PO10	
CO2	How effectively do you identify the use of LaTeX packages, analyze and apply it focusing on conciseness and technical accuracy? 3. Excellent <input checked="" type="checkbox"/> 2. Very Good <input type="checkbox"/> 1. Average <input type="checkbox"/> 0. Poor <input type="checkbox"/>	PO1, PO2, PO3, PO4, PO10	
CO3	How well do you demonstrate enhanced technical writing and editing skills, including clarity, structure, and precision? 3. Excellent <input checked="" type="checkbox"/> 2. Very Good <input type="checkbox"/> 1. Average <input type="checkbox"/> 0. Poor <input type="checkbox"/>	PO1, PO2, PO3, PO4, PO10	
CO4	How effectively do you employ technical presentation skills to communicate ideas clearly and concisely? 3. Excellent <input checked="" type="checkbox"/> 2. Very Good <input type="checkbox"/> 1. Average <input type="checkbox"/> 0. Poor <input type="checkbox"/>	PO1, PO2, PO3, PO4, PO10	

Comments (if any) _____

Thanks for your sincere feedback, which will help us to improve the system.

MET's Bhujbal Knowledge City, IOE Department of Artificial Intelligence and Data Science