

Workshop

on

“How to prepare reports using the

LaTeX tool”

06th October 2023

Organized by



“चेथे बहुतांचे हित”

**Department of Artificial Intelligence &
Data Science**

**Marathwada Mitra Mandal's Institute of
Technology (MMIT), Lohgaon, Pune**

Accredited with “A” Grade by NAAC

Approved by AICTE, New Delhi

Recognized by DTE, Mumbai

Affiliated to Savitribai Phule Pune University

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Mr. A. K. Bhise, HOD AI&DS, MMIT

COORDINATOR

Ms. R. A. Agrawal (9860165707)

ORGANISING COMMITTEE

Mr. N. S. Shaikh

Mr. S. M. Gagare

ABOUT MARTHWADA MITRA MANDAL

The trust "Marathwada Mitra Mandal, Pune" was established in 1967 by Hon. Late Shri. Shankarraoji Chavan, Former Home Minister, Govt. of India as the "Founder President". The trust had started its activity with the objective of providing hostel or similar accommodation in Pune to the students. This trust is established through the inspiration of socially and educationally charged personalities, with the motto "**Yethe Bahutanche Hit**" (Welfare of Masses). Mass education, co-education and dedication towards overall development of the region are watchwords of the trust. At its various educational campuses, the trust has created excellent facilities of education catering to Architecture, Interior Design, Management, Law, Commerce, Pharmacy, Engineering, etc. Which provides excellent education to about 12,000+ students.

ABOUT MMIT

MMIT, Lohgaon was established in 2008. The institute is accredited with "A" Grade by NAAC. It offers five engineering programmes (Computer, Artificial Intelligence & Data Science, Mechanical, Civil, Mechatronics). It houses 800+ students and 80 staff members

ABOUT THE WORKSHOP

A latex workshop is invaluable for academics and professionals alike, offering a robust platform for document preparation with precision and elegance. Mastering LaTeX streamlines the creation of complex documents, fostering clear and professional communication in scientific research, publications, and technical reports. Its proficiency not only enhances individual productivity but also

contributes to the integrity and quality of scholarly output.

OBJECTIVES OF THE WORKSHOP

1. Highlight the transformative power of data science and AI in various industries and domains.
2. Showcase real-world examples and case studies illustrating the impact of data-driven approaches and AI technologies.
3. Discuss the latest trends, developments, and challenges in the field of data science and AI.

TOPICS COVERED

- Learn how to create professional-looking documents with LaTeX.
- Understand the basics of LaTeX syntax and commands.
- Gain hands-on experience in formatting text, equations, tables, and figures.
- Explore advanced features for customization and optimization of documents.

CONTACT EMAIL

mmit@mmit.edu.in

RESOURCE PERSONS

Ms. Swatee Nikam

Phoenix Zone Technologies Pvt. Ltd,
Pune



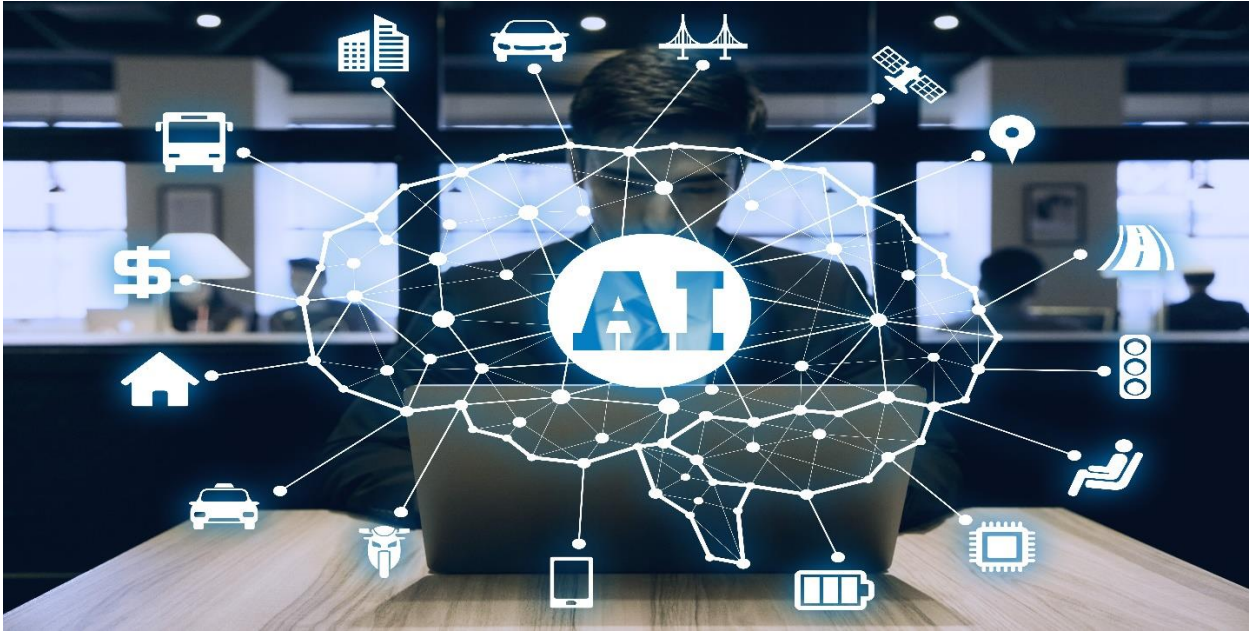
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MARATHWADA MITRA MANDAL’S
INSTITUTE OF TECHNOLOGY (MMIT)
S.No.35, Plot No. 5/6, Lohgaon, Pune-411 047



A WORKSHOP ON

“How to prepare reports using the LATEX tool”

06th October 2023



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Department of Artificial Intelligence and Data Science

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NAAC “A” Accredited Institute



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Chief Patrons

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Patron

Dr. R. V. Bhortake
Principal, MMIT, Lohgaon, Pune

Convenor

Mr. A. K. Bhise
Head of Department, AI & DS, MMIT, Lohgaon, Pune

Coordinator

Ms. R. A. Agrawal
Assistant Professor, AI & DS, MMIT, Lohgaon, Pune

Speakers

Mrs. Swatee Nikam
PhenoixZone Technologies PVT LTD, Pune.




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Notice: A workshop on “How to prepare reports using the LATEX tool”


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INSTITUTE OF TECHNOLOGY (MMIT)
Lohgaon, Pune-411047.

“Excellence in the field of AI & DS”
DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Date: 03/10/2023

NOTICE

All the students of TE AI & DS are hereby informed that we have arranged One day Workshop on “**How to prepare report using the LATEX tool**” by Mrs. Swatee Nikam (Yewale), Senior Java, Latex developer in Phoenix Zone Technologies Pvt. Limited, Pune.

Note: You all are instructed to carry your laptops for hands-on.

The details about Session:

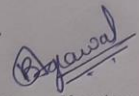
Mode of Conduction: Hybrid Mode

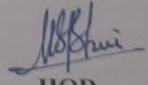
Date: 06-10-2023 (Friday)


Venue: Lab (C-101 & C-102)

Time: 10.30 AM – 1.30 PM

ATTENDANCE IS MANDATORY.


Coordinator
Ms. R. A. Agrawal


HOD
Mr. A. K. Bhise





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Department of AI and DS
(Academic Year 2023-24)

Date: 08/10/2023

“Workshop on How to prepare reports using the LATEX tool”

Department of AI & DS organized a workshop on “How to prepare reports using the LATEX tool” for the TE students of AI & DS Department. LaTeX, a typesetting system widely used in academia, research, and publishing, holds significant importance due to its ability to produce high-quality documents with precise formatting and layout control. It offers unparalleled flexibility in creating complex documents, including scientific papers, reports, presentations, and even books. LaTeX's robust features enable users to efficiently handle equations, citations, references, and bibliographies, making it indispensable for disciplines such as mathematics, physics, computer science, and engineering. Moreover, its open-source nature fosters a thriving community that continuously develops packages and templates, enhancing its versatility and usability.

The details of Seminar are as follows:

Time: 10.30 AM.

Date: 06th October 2023

Mode: Online Mode

Resource Person: Mrs. Swatee Nikam



About Program:

Objective:

The objective of the above workshop is to provide attendees with a comprehensive understanding of the importance and applications of LATEX Tool. Through insightful presentations and discussions, the workshop aims to:

1. Introduce participants to the fundamentals of LaTeX syntax, structure, and basic commands.
2. Familiarize attendees with the LaTeX environment, including available editors and workflow.
3. Enable participants to efficiently create various types of documents using LaTeX, such as academic papers, reports, presentations, and posters.
4. Cover advanced topics including mathematical equation handling, reference and bibliography management, document layout customization, and integration of graphics and tables.
5. Provide hands-on experience and practical exercises to reinforce learning and skill development.
6. Foster collaboration among participants to address challenges and troubleshoot issues encountered during document preparation.

Activities performed:

In the session, the speaker shared information about a collaboration and problem-solving, encouraging participants to work together to address challenges and troubleshoot issues encountered during document preparation. By the end of the workshop, attendees should feel confident in their ability to leverage LaTeX to enhance their productivity, streamline their document creation process, and produce high-quality output suitable for academic, professional, and publishing purposes

Total Duration of session is 2 hrs.

Total Participants: 20 Students & 02 Faculties.

It was an interactive session where students' doubts were solved by the speaker.



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Outcome:

The outcomes of a LaTeX workshop are multifaceted and impactful. Participants emerge from the workshop equipped with a solid understanding of LaTeX syntax, structure, and fundamental commands. They gain proficiency in navigating the LaTeX environment, selecting appropriate editors, and establishing an efficient workflow. Armed with advanced skills in mathematical equation handling, reference and bibliography management, and document layout customization, attendees are empowered to produce professional-grade documents across various formats with precision and consistency. Practical exercises and collaborative problem-solving foster confidence and competence among participants, enabling them to overcome challenges encountered during document preparation. Ultimately, the workshop yields a cohort of individuals capable of enhancing productivity, streamlining the document creation process, and meeting academic, professional, and publishing standards with finesse using LaTeX.



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List of students participated:

Sr. No.	Class	Roll No	Name of Student
1	TE AI & DS	TE01	SUMEDH KADAM
2	TE AI & DS	TE 31	Salve Sachidanand Balu
3	TE AI & DS	TE34	Akshada Dipak Shenkar
4	TE AI & DS	TE39	Yedle Sanket
5	TE AI & DS	TE 02	Yash Aphale
6	TE AI & DS	36	Snehal Ankush Thorat
7	TE AI & DS	TE27	Penna Venkata Swapna
8	TE AI & DS	6	Purvesh Chaudhari
9	TE AI & DS	TE12	Krushnali Sandip Gulumkar
10	TE AI & DS	19	Atharva Kalbhor
11	TE AI & DS	TE 37	Vidyesh Sujit Patil
12	TE AI & DS	21	Sakshi Karekar
13	TE AI & DS	TE-09	Sainath Dahiwal
14	TE AI & DS	TE05	Rohit Suhas Borole



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Glimpses of the Session:

Sample photograph



Ms. R. A. Agrawal
Coordinator

Mr. A. K. Bhise
Head of Department

Timestamp	Name	Branch	Class	Roll No (Ex:TEA05, TEB09)	How Helpful was the Session for you?	What is your level of satisfaction for the Session	Please make indicative your satisfaction for the following aspects of the event [Offline Platform]
10/14/2023 11:52:41	Krushnali Gulumkar	AI&DS	TE	TEA12	Very Helpful	Satisfied	Satisfied
10/14/2023 11:52:53	rahul sarnikar	AI&DS	TE	TE33	Extremely Helpful	Very Satisfied	Very Satisfied
10/14/2023 11:53:10	Penna Venkata Swapna	AI&DS	TE	TE27	Extremely Helpful	Very Satisfied	Satisfied
10/14/2023 12:03:29	Apurv Bhavsar	AI&DS	TE	TE03	Extremely Helpful	Very Satisfied	Very Satisfied
10/14/2023 12:03:36	Sainath Dahiwal	AI&DS	TE	TE -09	Extremely Helpful	Very Satisfied	Somewhat Satisfied
10/14/2023 12:03:55	Atharva Kalbhor	AI&DS	TE	TE19	Very Helpful	Satisfied	Very Satisfied
10/14/2023 12:04:31	Ameya Pise	AI&DS	TE	TE28	Extremely Helpful	Satisfied	Somewhat Satisfied
10/14/2023 12:04:32	Pratiksha Vasant Malunjkar	AI&DS	TE	TE30	Somewhat Helpful	Satisfied	Satisfied
10/14/2023 12:10:07	Sanket Yedle	AI&DS	TE	TE39	Very Helpful	Satisfied	Satisfied
10/14/2023 12:21:17	Dagade Chinmay Nitin	AI&DS	TE	TE07	Extremely Helpful	Very Satisfied	Very Satisfied
10/14/2023 12:36:55	Ashutosh suresh Dalvi	AI&DS	TE	TE 10	Very Helpful	Satisfied	Very Satisfied
10/14/2023 12:38:02	Yash Aphale	AI&DS	TE	TE 02	Extremely Helpful	Very Satisfied	Very Satisfied
10/14/2023 12:43:37	Shruti jitendra lahamge	AI&DS	TE	Te 22	Extremely Helpful	Very Satisfied	Very Satisfied
10/14/2023 12:46:46	SUMEDH KADAM	AI&DS	TE	TE01	Very Helpful	Satisfied	Somewhat Satisfied
10/14/2023 13:13:22	Khushi javed mujawar	AI&DS	TE	TE24	Very Helpful	Satisfied	Satisfied
10/14/2023 14:23:57	Shivam chahar	AI&DS	TE	TE35	Very Helpful	Satisfied	Satisfied
10/14/2023 14:39:49	Rohit Suhas Borole	AI&DS	TE	TE05	Very Helpful	Satisfied	Satisfied
10/14/2023 14:42:35	Salve Sachidanand Balu	AI&DS	TE	TE31	Very Helpful	Very Satisfied	Very Satisfied
10/14/2023 15:34:39	Nidhi Deshmukh	AI&DS	TE	TE26 AID\$	Very Helpful	Satisfied	Somewhat Satisfied

Name	Please make indicative your satisfaction for the following aspects of the event [Organizers]	Please make indicative your satisfaction for the following aspects of the event [Quality of Event]	Please make indicative your satisfaction for the following aspects of the event [Timing]	Do you think the Session would be useful for you?	Are you interested in participating in future webinars or workshops?
Krushnali Gulumkar	Satisfied	Satisfied	Satisfied	Maybe	Maybe
rahul sarnikar	Very Satisfied	Very Satisfied	Very Satisfied	Yes	Yes
Penna Venkata Swapna	Satisfied	Very Satisfied	Very Satisfied	Yes	Yes
Apurv Bhavsar	Very Satisfied	Very Satisfied	Very Satisfied	Yes	Yes
Sainath Dahiwal	Not Satisfied	Not Satisfied	Satisfied	Yes	Yes
Atharva Kalbhor	Very Satisfied	Very Satisfied	Very Satisfied	Yes	Yes
Ameya Pise	Somewhat Satisfied	Somewhat Satisfied	Very Satisfied	Yes	Yes
Pratiksha Vasant Malunjkar	Satisfied	Satisfied	Satisfied	Yes	Yes
Sanket Yedle	Satisfied	Satisfied	Satisfied	Yes	Yes
Dagade Chinmay Nitin	Very Satisfied	Very Satisfied	Very Satisfied	Yes	Yes
Ashutosh suresh Dalvi	Satisfied	Somewhat Satisfied	Somewhat Satisfied	Yes	Yes
Yash Aphale	Very Satisfied	Very Satisfied	Very Satisfied	Yes	Yes
Shruti jitendra lahamge	Very Satisfied	Very Satisfied	Very Satisfied	Yes	Yes
SUMEDH KADAM	Somewhat Satisfied	Somewhat Satisfied	Somewhat Satisfied	Yes	Yes
Khushi javed mujawar	Satisfied	Satisfied	Satisfied	Yes	Yes
Shivam chahar	Not Satisfied	Satisfied	Satisfied	Yes	Maybe
Rohit Suhas Borole	Somewhat Satisfied	Very Satisfied	Somewhat Satisfied	Yes	Yes
Salve Sachidanand Balu	Somewhat Satisfied	Very Satisfied	Very Satisfied	Yes	Yes
Nidhi Deshmukh	Satisfied	Somewhat Satisfied	Somewhat Satisfied	Yes	Yes