

Certificate Course on Introduction to L^AT_EX

From 1st March to 28th March, 2024.

Course Duration: 30 hours.

L^AT_EX-2024

Learning outcomes

- ✓ Learn L^AT_EX - the most popular software system for writing STEM (*Science, Technology, Engineering & Mathematics*) documents for communication and publication.
- ✓ To learn in preparing a scientific article, book or a thesis, a professional CV for academia or industry for career advancement.

Topics covered

- Introduction to L^AT_EX as scientific writing, preparation and compilation of an article in L^AT_EX (install in Linux/ online editors).
- Introducing packages & document classes e.g. article, book, thesis, CV etc.
- Body of L^AT_EX document using titles, abstract, introduction, chapters, sections and subsections, & paragraph.
- Figures, tables, references, & lists.
- Mathematical equations, special characters & symbols.

Programme Schedule

Sl no.	Date	Day	Time	Topic
1	01/03/2024	Friday	2 pm – 5 pm	Introduction to L ^A T _E X, installation in Linux environment & familiar with online editors.
2	02/03/2024	Saturday	1 pm – 5 pm	L ^A T _E X document classes & packages: article, book, thesis, CV etc.
3	09/03/2024	Saturday	1 pm – 5 pm	Document formatting: title, authors, date, abstract, chapters, sections & sub-sections.
4	15/03/2024	Friday	2 pm – 5 pm	Lists, figures.
5	16/03/2024	Saturday	1 pm – 5 pm	Tables.
6	19/03/2024	Tuesday	2 pm – 4 pm	References.
7	22/03/2024	Friday	2 pm – 5 pm	Equations, special characters & symbols.
8	23/03/2024	Saturday	1 pm – 5 pm	<i>Practice day-1</i> : Document writing.
9	28/03/2024	Thursday	1 pm – 4 pm	<i>Practice day-2</i> : Document writing. MCQ Test .

Instructor

Dr. Rajib Sarkar, *Computer Science Department*.