

**Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
Autonomous**

Certificate Courses Department of Mathematics

Syllabus for Certificate Course II

Course Title: Latex Software (Credit: 2)

[A] Course Objectives:

- Acquire skills for writing books and longer documents using LaTeX, including formatting chapters and sections.
- Master the syntax for typesetting complex mathematical expressions and formulas in LaTeX.
- Develop the ability to create and format tables and incorporate graphics effectively in LaTeX documents.

[B] Course Outcome:

- Students will create well-organized documents that adhere to LaTeX conventions, using appropriate rules and arguments.
- Students will accurately typeset a variety of mathematical expressions, including equations, matrices, and symbols, demonstrating a solid grasp of LaTeX's capabilities in this area.
- Students will demonstrate a clear understanding of LaTeX's purpose, history, and common applications in academia and industry.

Syllabus

Unit No.	Contents	No. of Lecturtes
I	Introduction to Latex, History, Applications	8
II	Documentation, Ruels and Arguments	8
II	Book Writing, Tables, graphics	8
IV	Mathematical Expressions	6
	Total	30

Mode of Evaluation: Written and Practical Examination.



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