

PROGRAMME NAME: :	B.A.(Programme)	
COURSE NAME :.	Mathematical Typesetting System: LaTeX	
SEMESTER DURATION:.	January- May	

Week	Topic(s)	Teaching Methodology Adopted/ Continuous Internal Evaluation
1	Introduction to TeX and LaTeX, Creating and typesetting a simple LaTeX document	Lectures
2	Adding basic information to documents, Environments, Footnotes	Discussion
3	Sectioning, Displayed material.	Assignment
4	Accents and symbols, Subscript/Superscript, Fractions	Tutorial
5	Roots, Ellipsis, Mathematical symbols, Arrays	Demonstration
6	Multiline formulas, Putting one thing above another	Self instructions
7	Spacing and changing style in math mode.	Presentation
8	Pictures in LaTeX	Case study
9	Graphics in LaTeX,	Tutorials
10	Simple pictures using PS Tricks,	Lectures
11	Plotting of functions	Assignment
12	Beamer, Frames	Demonstration
13	Setting up beamer document	Self instructions
14	Enhancing beamer presentation.	Discussion

Course Objectives: The purpose of this course is to help you begin using LaTeX, a mathematical typesetting system designed for the creation of beautiful books—and especially for books that contain a lot of mathematics, complicated symbols and formatting.

Course Learning Outcomes: This course will enable the students to:

- i) Create and typeset a LaTeX document;
- ii) Typeset a mathematical document;
- iii) Draw pictures in LaTeX, and create beamer presentations.