PG & Research Department of Mathematics
MARY MATHA ARTS & SCIENCE COLLEGE MANANTHAVADY
(Affiliated to Kannur University)

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SYLLABUS

COURSE OUTCOMES

CO1	Learn installation of the softwares of LaTeX
CO2	Understand the structure of a LaTeX document
CO3	Learn different commands and symbols
CO4	Learn to Insert Images, Table, Matrices etc. in a TeX file
CO5	Learn writing, editing and publishing documents using LaTeX

Module 1 – Preparing an input file, The input, Running LaTeX, Helpful hints, changing the type style, symbols from other language, Mathematical formulas, Defining commands and environments, Figures and other floating bodies, Lining it up in columns (Sections2.1 to 2.4, 3.1 to 3.6)

(10 Hours)

Module 2 –**The table of contents, Cross-references, Bibligraphy and citation,Splitting your input, making an index or glossary, Keyboard input and screen input, sending your document, The picture environment, color (4.1 to 4.7, 7.1.1, 7.3)**

(20 Hours)

Text Book: Latex by Leslie Lamport, Second Edition, Pearson Education Publication

References :

1. A Simplified Introduction to LATEX by Harvey J. Greenberg
2. Learning LaTeX by Doing by Andre Heck
3. LaTeX Beginner's Guide by Stefan Kottwitz
4. LaTeX Tutorials A PRIMER by Indian TEX Users Group, Trivandrum