



**PG and Research Department of Mathematics  
Mary Matha Arts and Science College  
Mananthavady**

**SYLLABUS  
FOR  
CERTIFICATE PROGRAMME  
IN  
MATHEMATICS**

**CC 01 MAT: BASICS ON LATEX**

**No. of Contact hours (including practical): 40**

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**MODULE I**

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 (Sections 2.1 to 2.4, 3.1 to 3.6)(20 hrs)

**MODULE II**

The table of contents, Cross-references, Bibliography 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 hrs)

**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**

## List of Students

1. Akhil James
2. Akhil Sivan
3. Amal Abraham
4. Jistus Mathew
5. Melvin Jaison
6. Vishnu A
7. Anshida O M
8. AnuroseMariya
9. Anjali K
10. Anju C S
11. Aparna Mathew
12. Asna A P
13. Mary Baby
14. Krishna Priya P R
15. Navya Nair
16. Sreelakshmi P T
17. Amritha E P
18. Thasleema U K