Add on Courses

FREE AND OPEN SOURCE SOFTWARE - LaTeX

Department: Mathematics **Course Coordinator**: Treesa Maria Kuriakose

Fee:Rs.1000/- **Duration:** 36 hrs **Student Intake**:20

Objectives of the Course:

To teach high quality type setting. It is most often used for medium to large technical or scientific documents but it can be used for almost any form of publishing.

Outcome:

Prepare documents containing mathematical formulas and symbols. Write aricles in different journal styles. Prepare presentation using LaTeX.

Content/Syllabus:

Module 1: INRODUCTION - 8 Hours

Installation of LaTeX, Features of Latex etc.

Module 2: LATEX ON WINDOWS - 12 Hours

Type setting in windows using LaTeX, Type setting using LaTeX in Linux etc.

Module 3: COMPILING - 8 Hours

How to compile different TeX files, common errors while compiling and corrections etc.

Module 4: BEAMER - 8 Hours

Power point presentations using LaTeX

REFERENCES

1. Leslie Lamport, LaTeX: A document preparation system, 2nd Edition, Addison-Wesley 1994
2. F Mittelbach, M Goossens, The LaTeX companion, 2nd Edition, 2004.