M.E.S ASMABI COLLEGE

DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE

Course Details : Foundation course in LaTeX.

Course Code: ASCC12

About this course

LaTeX, a document preparation system, is widely used for publishing in many scientific fields like mathematics, statistics, computer science, engineering, chemistry, physics, economics, linguistics, etc.. It is a powerful and open-source system that provides numerous facilities for automating typesetting of the document: i.e. structuring page layout, listing and auto-numbering of sections, tables, figures, generating a table of contents, managing cross-referencing, citing, and indexing.

This course introduces the basic concepts of LaTeX. Participants taking this course will be able to create and design documents in LaTeX .

Prerequisites

There are no prerequisites for this course, except knowledge of editing text. The course can be taken by any learner who wants to create documents using LaTeX.

Course Outcome

- Handle different types of documents
- Organize documents into different sections, subsections, etc..
- Formatting pages (margins, header, footer, orientation)
- Formatting text
- Write complex mathematical formulae
- Include tables and images
- Cross-referencing, bibliography, and Indexing
- Read error messages as and when required