

Scientific Typesetting Using LATEX

Course Time : 30 Hours

Text : More Math into LATEX, 4th edition, George Gratzer

Tikz Manual - TikZ and pgf Manual for version 1.18

Beamer - The beamer class User Guide for version 3.68.

Module 1

Introduction to online LATEX editor Overleaf - Typing text - Text environments - Typing maths - Your first article

Chapter 2, 5, 6 - Chapter 3 , 7 and Chapter 4 upto 4.2.4 (10 Hours)

Module 2

More math – Multiline with displays - Document structure - Typing maths - Your first article

Chapter 8, 9 and 10 (10 Hours)

Module 3

Using Tikz for creating graphics – Using Beamer for making presentations

Tikz Manual - TikZ and pgf Manual for version 1.18

Beamer - The beamer class User Guide for version 3.68. (10 Hours)

Mentors : Ajan K A, Assistant Professor, Dept. of Mathematics

Sreejamol P R, Assistant Professor, Dept. of Mathematics

Duration: From November 1, 2022 to December 31, 2022

Evaluation Process :

Total course points : 50

Assignments for each module (10 points for each assignment)

A test at the end of the course (20 points)

Participants have to secure at least 25 points for the successful completion of the course.