



Value Added Course

18.02.2021

The PG and Research Department of Mathematics offers the **Value Added Course** on "**LATEX for beginners**". It is a 30 hours course (theory and practical) and classes will be conducted in the afternoon (03.00 pm - 4.30 pm) through online mode. LATEX is a high quality document preparation system. It is the de facto standard for the communication and publication of scientific document.

**Features:**

- Typesetting Journal Articles, Technical Report, Books, Projects, Slide Presentation and Resume
- Automatic generation of bibliography and index
- Multi-lingual typesetting
- Automatic page numbering and page setting

Faculty, Ph.D & M. Phil Scholars of all departments can get benefit out of this course. For UG and PG students, it is helpful to prepare the project book.

**The classes commence on 24.02.2021.**

For further detail, contact the resource persons:

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## DEPARTMENT OF MATHEMATICS St. JOSEPH'S COLLEGE (Autonomous)

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### Report of Value Added Course

#### $\text{\LaTeX}$ for beginners

The Value Added course on " $\text{\LaTeX}$  for beginners" was offered by PG and Research Department of Mathematics, St. Joseph's College, Trichy, during the academic year 2020-2021 through on-line mode. It was 30 hours online course. It was conducted from 24-02-2021 to 29-03-2021. Thirty Seven participants, including 2 UG students, 26 PG students, 4 MPhil Scholars and 5 Research Scholars were benefited by this course. In this class, typesetting in LATEX, Slide preparation, Project and Thesis preparation were taught by Dr. J. Amalorpava Jerline and Dr. R. Lenin, Assistant Professors, Department of Mathematics. The participants learnt enthusiastically and benefited a lot.

  
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**St. Joseph's College(Autonomous),Tiruchy**

**Department of Mathematics**

**Value Added Course**

**LATEX for Beginners**

**Total Hours: 30**

**Unit I**

Introduction to LATEX , Overleaf and verbatex– installation of LATEX – Basic structure of LATEX document  
– Basic text typing and formatting

**Unit II**

Math equation typing – Listing items

**Unit III**

Table creation – inserting Figure

**Unit IV**

Article preparation – Thesis Preparation

**Unit V**

Presentation Creation – Beamer Class

**Text books:**

1. Leslie Lamport, LATEX A document Preparation System, Addison Wesley Publishing, Second Edition, 1994

**References:**

1. H. Kopka and P. W. Daly, A Guide to LATEX, Addison- Wesley, 2003
2. Getting Started with LATEX, David R. Wilkins
3. LaTeX Tutorial, Jeff Clark
4. LATEX TUTORIALS — A PRIMER Indian TEX Users Group