



# 13/521, Reddy Colony, Kamalapuram-516 289, Kadapa Dist. A.P.

**One Week Short Term Training Programme (Virtual)**

on

**LaTeX****(02-12-2024 to 07-12-2024)****Registration Fee:**

Participants with CSSR ID:Rs. 150/-

New Participants(No ID): Rs. 250/-

Industrialist: Rs. 350/-

Foreign Participants: \$ 5 (USD)

For Registration Scan QR Code (or) Click the Link

**Scan The QR**

Or

[Click Here](#)**Payment Details:**Name of Account Holder  
CSSRSRRM DEGREE COLLEGE  
KAMALAPURAM.

State Bank of India, Kamalapuram Branch

Account Number: **34819780249**

IFSC Code:SBIN0001267

SWFIT Code: SBININBB

UPI ID : cssrsrmdc@sbi



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**About the program :**

Latex software has numerous uses across various fields Like: Industries, Academia and Research, Scientific and Technical Documentation, Education and Teaching, Publishing and Media, Business & Finance etc.

**Topics To Be Covered**

- Introduction to LaTeX & Basic Document Structure
- Text Formatting and Lists
- Mathematical Typesetting
- Graphics, Tables, and References
- Document Customization and Presentation Using Beamer

**Resource Person****Dr. G. Siva**

Assistant Professor Grade-I,  
Department of Mathematics,  
Vellore Institute of Technology,  
Amaravathi, Andhra Pradesh

For any Queries contact: *Convenor***Dr. G. Vinod Kumar**Assistant Professor, Department of  
Mathematics

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CSSR & SRRM Degree & PG College  
Autonomous

Reaccredited NAAC "A" Grade with 3.22 CGPA(Cycle-II)  
Kamalapuram, YSR, A.P., India. -516289

**One Week**  
**Short Term Training Program**  
**On**  
**LaTeX**  
**(02-12-2024 To 07-12-2024)**  
**(Virtual Mode)**

**Timings: 3:00 PM to 4:00 PM**

**Note : Certificates will be issued**  
**for all the participants**

# Programme Schedule:

ESTD : 1992



**CSSR & SRRM DEGREE & PG COLLEGE**

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# 13/521, Reddy Colony, Kamalapuram-516 289, Kadapa Dist. A.P.

## Programme Schedule

For

**6 Day Short Term Training Programme on LaTeX**

Organised By

Department Of Mathematics

**Note: Laptop/Mobile Is Compulsory to Join The sessions**

**Dates: 02-12-2024 To 07-12-2024**

## Syllabus

### Academia and Research

1. Writing research papers, theses, and dissertations
2. Creating journal articles, conference proceedings, and book chapters
3. Typesetting mathematical equations and formulas
4. Generating bibliographies and citations
5. Producing presentation slides (using Beamer)

### Scientific and Technical Documentation

1. Writing technical reports, manuals, and guides
2. Creating documentation for software, hardware, and engineering projects
3. Typesetting complex equations and diagrams
4. Generating data sheets, product descriptions, and user manuals
5. Producing patent applications and technical specifications

## Other Uses

1. Creating art and graphics (using TikZ and PGF)
2. Typesetting music and musical scores
3. Generating web content (using LaTeX2HTML)
4. Creating interactive documents (using JavaScript and LaTeX)
5. Producing Braille and accessible documents

## LaTeX Tools and Packages

1. TeXstudio, Texmaker, and other editors
2. Beamer for presentations
3. TikZ and PGF for graphics
4. BibTeX for bibliographies
5. amsmath, amssymb, and other mathematical packages

## Education and Teaching

1. Creating lecture notes, handouts, and course materials
2. Developing educational resources, such as textbooks and workbooks
3. Typesetting mathematical problems and solutions
4. Generating quizzes, exams, and assessment materials
5. Producing educational posters and presentations

## Publishing and Media

1. Book publishing (fiction and non-fiction)
2. Magazine and newspaper publishing
3. Creating brochures, flyers, and marketing materials
4. Typesetting advertisements and promotional materials
5. Producing digital content, such as eBooks and online articles

## Business and Finance

1. Creating reports, proposals, and business plans
2. Typesetting financial statements, invoices, and receipts
3. Generating marketing materials, such as flyers and posters
4. Producing training manuals and instructional guides
5. Creating company documentation, such as employee handbooks

## Mathematics and Statistics

1. Typesetting mathematical equations and formulas
2. Creating statistical reports and data analysis
3. Generating graphs, charts, and diagrams
4. Producing mathematical models and simulations
5. Creating interactive mathematical visualizations

## Report:

The Department of Mathematics, organised a One Week Short Term Training Programme on “**LaTeX**” from 02/12/2024 to 07/12/2024. The first day was started with the convenor of the programme Dr G Vinod Kumar, Principal, Department of Mathematics, by introducing the speaker Dr Siva G, Assistant Professor, Department of Mathematics, VIT Andhra Pradesh to the participants and handed the session to the speaker.

Later, the session started by the speaker with introduction to LaTeX, uses, applications, installation and other all requirements of LaTeX and continued the session. He has delivered his lecture continuously for 6 days by explaining each and every topic with clear explanation, live examples and practical presentation, use of LaTeX Software both in Online and Offline Mode. Every day at the end of program, he cleared all the doubts raised for the participants. All the six-day programme links are recorded and uploaded in YouTube with the following links.

Day 1: <https://www.youtube.com/watch?v=Htli-XaAdWg>

Day 2: <https://www.youtube.com/watch?v=l3FCXw6Q20g>

Day 3: <https://www.youtube.com/watch?v=x4MGWKM0RG8>

Day 4: <https://www.youtube.com/watch?v=DZp9GKZZQ-M>

Day 5: <https://www.youtube.com/watch?v=zKRBzbdnfc>

Day 6: <https://youtu.be/5gop2ZYquBg>

Registration Link:

<https://docs.google.com/forms/d/e/1FAIpQLSfm4Wgqu80U9Vy5v6Tp4tyt1hpORuzKFyTxZjXtJiSqhqmXvA/viewform?vc=0&c=0&w=1&flr=0>

Feedback Link:

[https://docs.google.com/forms/d/e/1FAIpQLScsUEcJCyixHs\\_oq4vDJ83eknFAZdlbQouAwlWXY9mboTvJzg/viewform?usp=header](https://docs.google.com/forms/d/e/1FAIpQLScsUEcJCyixHs_oq4vDJ83eknFAZdlbQouAwlWXY9mboTvJzg/viewform?usp=header)

Total Registrations: 245 participants include students, Research scholars, Lecturers, Assistant Professors, Professors from the different departments like Mathematics, Chemistry, Statistics, Physics, Engineering, English, Economics various Degree, Engineering, Colleges, and Universities from all the states of India

## Model Certificate:

