

TECHNICAL DOCUMENTATION WITH LATEX

The value-added course on “Technical documentation with LATEX using Textstudio and Oveleaf” aims to introduce the more popularly used Latex Software for translating projects, and research works into manuscripts in the form of journal papers, conference papers, and thesis. This course deals with LATEX commands for page formatting, Mathematical equations, Lists, Tables, Figures, and References along with hands-on sessions using Textstudio and Overleaf online latex document preparation platform.

COURSE EXPERTS

Dr. D. Kannadassan, VIT Vellore
Dr. Hemanta Kumar Sahu, VIT Vellore
Dr. Rashmi Ranjan Das, VIT Vellore
Dr. Bijaylaxmi Das, VIT Vellore
Dr. Shanidul Hoque, VIT Vellore
Dr. Anand Jee, Ofinno
Dr. Dheeren Ku Mahapatra, VIT Chennai
Dr. A.K. Padhan, NIT Agartala
Dr. Dharmendra Dixit, MNNIT, Allahabad

FACULTY COORDINATORS

Dr. Bijaylaxmi Das
Dr. Shanidul Hoque
Dr. Hemanta Kumar Sahu

Highlight of the Course

- 32 hours Course Duration
- Introduction to LATEX
- Practical training: Documentation with LATEX using Text studio
- Practical training: Online Documentation in Overleaf the platform and share it with collaborators.
- Manuscript preparation of student works for a journal of choice
- E Certificate
(Min of 75% attendance & 60% of marks)

“SEATS LIMITED TO 60 PARTICIPANTS”



School of Electronics Engineering
Department of Communication Engineering

VALUE ADDED COURSE

On

**Technical Documentation with
LATEX–VAC - 2411**



Contact Numbers

8984764021– Dr. Bijaylaxmi Das
9401408475 – Dr Shanidul Hoque

TARGET AUDIENCE:

UG / PG / PhD

Course Plan: Hybrid Mode.

Registration Link:

<https://events.vit.ac.in/>

Registration Fee:

UG/PG/PhD: **Rs 300/-**
(Inclusive of GST)

ADVISORY COMMITTEE

Dr. Jasmine Pemeena Priyadarsini,
Professor & Dean,
School of Electronics
Engineering (SENSE)

Dr. D. Kannadassan,
Professor & HOD
Department of Communication
Engineering,
School of Electronics
Engineering (SENSE)

Dr. S Sundar,
Associate Professor & HOD,
Department of Embedded Technology,
School of Electronics
Engineering (SENSE)



VENUE:

TT-232, VIT Vellore

School of Electronics Engineering
Department of Communication Engineering
Value Added Course
on
Technical Documentation with LATEX–VAC - 2411
Schedule

Date	Session	Resource Person	Topic
Sep 7th, 2026 Monday	7.00 PM-9.00 PM (Online)	Dr. Hemanta Kumar Sahu Dr. Shanidul Hoque	Introduction to Latex, Merits of LATEX over Word Processors, Installation of the software LATEX Understanding LATEX compilation, LATEX input File structure, Preamble
Sep 8th, 2026 Tuesday	11.00 AM-12.00 PM (Offline)	Dr. Hemanta Kumar Sahu	Math in Latex - Typing equations, inline and display math
Sep 9th, 2026 Wednesday	8.00 AM-9.00 AM (Offline)	Dr. Hemanta Kumar Sahu	Basic Syntax: Creating a Title Page, Page Numbering and Headings, Modifying Text, etc. Importance of packages
Sep 10th, 2026 Thursday	7.00 PM-9.00 PM (Online)	Dr. A.K. Padhan	Matrices, tables, advanced math formatting
Sep 11th, 2026 Friday	9.00 AM-10.00 AM (Offline)	Dr. Hemanta Kumar Sahu	Page layout basics – titles, abstract, chapters, sections
Sep 12th, 2026 Saturday	6.00 PM-9.00 PM (Online)	Dr. Dheeren Ku Mahapatra	Cross-referencing parts of the document
Sep 13th, 2026 Sunday	6.00 PM-9.00 PM (Online)	Dr. Bijaylaxmi Das	List-making environments (itemize, enumerate, description).
Oct 5th, 2026 Monday	7.00 PM-9.00 PM (Online)	Dr. Anand Jee	Table of contents and structuring large documents References, citations, bibliography management
Oct 6th, 2026 Tuesday	11.00 AM-12.00 PM (Offline)	Dr. D. Kannadassan	Introduction to LyX
Oct 7th, 2026 Wednesday	8.00 AM-9.00 AM (Offline)	Dr. D. Kannadassan	Document writing with LyX
Oct 8th, 2026 Thursday	7.00 PM-9.00 PM (Online)	Dr. Dharmendra Dixit	Figure environment – inserting and formatting images
Oct 11th, 2026 Friday	9.00 AM-12.00 PM (Offline)	Dr. Hemanta Kumar Sahu Dr. Shanidul Hoque	Mini Project: Preparing the manuscript for the special project/capstone project in IEEE/Elsevier /Springer/ any other journal of interest. Feedback and Valedictory