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.

"SEATS LIMITED TO 50 PARTICIPANTS"

FACULTY COORDINATORS

Dr Malaya Kumar Hota,
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Dr. Hemanta Kumar Sahu,
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COURSE EXPERTS

Dr. Malaya Kumar Hota. SENSE
Dr. Hemanta Kumar Sahu, SENSE
Dr. Rashmi Ranjan Das SELECT
Mrs Bijaylaxmi Das, SENSE
Dr. A.K. Padhan, BPUT, Odisha
Dr. D. Dixit, MNNIT, Allahabad

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)

School of Electronics Engineering

Department of Communication Engineering

VALUE ADDED COURSE

On

Technical Documentation with LATEX–VAC - 2411

Contact Numbers

9337015548 – Dr Malaya Kumar Hota

9853568787 – Dr. Hemanta

TARGET AUDIENCE:

UG / PG / PhD

Course Plan: **Hybrid Mode.**

DATES:

Dates	Time	Mode
27/03/25-28/03/25	6.00 PM-8 PM	Online
30/03/25	9 AM-1 PM	On Campus
1/04/25-04/04/25	6.00 PM-8 PM	Online
06/04/25	9 AM-1 PM	On Campus
08/04/25-11/04/25	6.00 PM-8 PM	Online
13/04/25	9 AM-11 AM	On Campus

Registration Link:

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

Registration Fee:

Internal Students: Rs 200/-
External Students: Rs 500/-
(Inclusive of GST)

ADVISORY COMMITTEE

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

Dr Dr. Noor Mohammed V,
Professor & HOD
Department of Communication
Engineering,
School of Electronics
Engineering (SENSE)

VENUE

TT727, 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
March 27th, 2025 Thursday	6.00 PM-8.00 PM (Online)	Dr. Hemanta Kumar Sahu	Introduction to LATEX, Miktek and Text Studio Installation, Preamble, title page, page styles, numbering
March 28th, 2025 Friday	6.00 PM-8.00 PM (Online)	Dr. Malaya Kumar Hota	Basic Syntax, Document Structure
March 30th, 2025 Sunday	9.00 AM-1.00 PM (Offline)	Dr. Hemanta Kumar Sahu	Article Template, Abstract, Sections, Subsections, Labelling, Enumeration, Indentation
April 01st, 2025 Tuesday	6.00 PM-8.00 PM (Online)	Dr. A.K. Padhan	Introduction to the Overleaf platform, Hands-on Overleaf platform
April 02nd, 2025 Wednesday	6.00 PM-8.00 PM (Online)	Mrs Bijaylaxmi Das	Journal-specific templates, Glossary, Citing the websites
April 03rd, 2025 Thursday	6.00 PM-8.00 PM (Online)	Dr. Malaya Kumar Hota	Tables: Sub table Row merging, column merging, multi-column, multi-row, Plots, Subplots
April 04th, 2025 Friday	6.00 PM-8.00 PM (Online)	Dr. Rashmi Ranjan Das	Figures: Resizing, Positioning, Subfigures
April 06th, 2025 Sunday	9.00 AM-1.00 PM (Offline)	Dr. Hemanta Kumar Sahu	Equations: Inline with text Equations With Equation number, Without Equation numbers, Integrals and differentials, Matrices and Arrays
April 08th, 2025 Tuesday	6.00 PM-8.00 PM (Online)	Dr. Malaya Kumar Hota	Tables: Sub-table Row merging, Plots, Subplots
April 09th, 2025 Wednesday	6.00 PM-8.00 PM (Online)	Dr. Dharmendra Dixit	Using Beamer for Academic Presentations
April 10th, 2025 Thursday	6.00 PM-8.00 PM (Online)	Dr. Malaya Kumar Hota	Advanced Formatting: Multi-Column Layouts, Custom Commands, and Templates
April 11th, 2025 Friday	6.00 PM-8.00 PM (Online)	Mrs Bijaylaxmi Das	Citations and Bibliography Management using BibTeX
April 13th, 2025 Sunday	9.00 AM-1.00 PM (Offline)	Evaluation by Dr. Hemanta Kumar Sahu, & Dr. Malaya Kumar Hota	Mini Project: Preparing the manuscript for the special project/capstone project in IEEE/Elsevier /Springer/ any other journal of interest. Feedback and Valedictory