



# A Short Online Course on Documentation using LaTeX

20-21 Mar 2021

Organized by

Department of Electronics and Communication Engineering  
Indian Institute of Information Technology Surat  
SVNIT Campus, Ichchanath, Surat, Gujarat - 395007



## About IIIT Surat

The Indian Institute of Information Technology Surat was established in Public-Private-Partnership (PPP) mode in the year 2017 by the Ministry of Human Resource Development, Government of India. The Government of Gujarat, Gujarat Narmada Fertilizer Company Ltd., Gujarat Gas Ltd. and Gujarat Informatics Ltd, agreed through a Memorandum of Association with Government of India to be the partners in the establishment and progression of the Institute. The institute is foreseeing good linkage with industries to develop academic excellence.

## Course Objective

This course aims to provide a comprehensive theoretical foundation and hands-on practice with LaTeX for preparing project reports, research articles, theses and presentations. Especially it will be useful for beginners in documentation.

## Why LaTeX is important?

LaTeX is a high-quality typesetting software widely used for document preparation in academics. Nowadays, LaTeX is used not only to write documents in mathematics but also physics, computer science, engineering, economics, psychology, social and political sciences. LaTeX is preferably used for technical/scientific article writing for national and international journals of repute. In contrast to Microsoft Word, LaTeX can handle large documents very easily. Some useful features of LaTeX are:

- ⇒ Easy typesetting of journal articles, technical reports, thesis, books and presentations.
- ⇒ Simple to handle large documents containing multiple sections, cross-references, tables, mathematical equations, footnotes and figures.
- ⇒ Easy typesetting of complex mathematical formulae.
- ⇒ It is OS independent.

## Who can attend ?

All interested candidates are welcome for this course. The course is especially suitable for **academicians, research scholars, industry persons and UG & PG students.**

Participants are advised to keep their laptops ready with windows OS for hands-on practice during the sessions. The following software should also be installed on their laptop prior to attending the sessions:

1. MikTeX : <https://miktex.org/download>
2. TeXstudio editor : <https://www.texstudio.org/>

## Registration Details

Interested candidates may register themselves here

⇒ [Click here for registration](#) ⇐

**Last Date of Registration: 18 March 2021**

Registration fees for participants would be as follows:

UG students /PG students /PhD scholars: Free

Faculty: ₹ 250

Industry Delegates: ₹ 1000

### Details of bank account for course fee submission:

Beneficiary name: Indian Institute of Information Technology, Surat

SBI Account Number: 38303120074

Branch Name: SVNIT Branch, Ichchanath Surat

Bank IFSC: SBIN0003320

**Note:** The certificate of participation will be issued only to those candidates who fulfill at least 80% attendance. Certificates will be sent to the candidate's registered email ID.

## Patron

Prof. J.S. Bhat, Director, IIIT Surat

## Course Instructors



**Dr. Varun Kumar**  
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IIIT Surat

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## Course Schedule

Date	Course Sessions				
20-Mar-21	<b>Session 1</b> 10:00 AM-11:25 AM	<b>Session 2</b> 11:35 AM-1:00 PM	L U N C H	<b>Session 3</b> 2:30 PM-3:55 PM	<b>Session 4</b> 4:05 PM-5:30 PM
	Introduction to LaTeX, Packages, Document Classes	Font size, font color, bold, italic, underlining using LaTeX		Tables and figures using LaTeX, graphics packages	Mathematical notation and equations using LaTeX
21-Mar-21	<b>Session 5</b> 10:00 AM-11:25 AM	<b>Session 6</b> 11:35 AM-1:00 PM	B R E A K	<b>Session 7</b> 2:30 PM-3:55 PM	<b>Session 8</b> 4:05 PM-5:30 PM
	Introduction to Overleaf, Conference and journal paper formats	Beamer and article formats		Hyperlinking, inserting URL, citing other articles	Implementation of a given task in LaTeX