

# UNIVERSITY OF MUMBAI, MUMBAI



## Sanjeevan Gramin Vaidyakiya & Samajik Sahayata Pratishthan's Arts, Commerce & Science College, Onde

Tal. Vikramgad, Dist. Palghar (MS)-401605  
(Affiliated to the University of Mumbai)  
NAAC Accredited- Grade-C (CGPA-1.85)  
ISO-9001:2015 Certified



## DEPARTMENT OF MATHEMATICS

### Organizing the Student Development Program

# Certificate Course in LaTeX

From 07<sup>th</sup> January 2022 to 30<sup>th</sup> April 2022 Organized by the Department of  
Mathematics in association with IQAC

Course Duration: - 48 Hrs (12 Weeks)

E-certificates will be awarded based on submitted assignments, project and  
successfully qualify the exam conducting at the end of course.

**Dr. Patil C. Y.**

Director, Vice Principal & Head of Dept. Of Chemistry

**Honorable. Shri. V.G. Patil**

President

**Dr. V. S. Sonawane**

Principal

**Mr. Santosh Dhamone**

Course Coordinator

Assistant Professor in Mathematics

**Mr. Vishal Nikam**

Course Coordinator

Head & Assistant Professor in Mathematics

## Program Schedule

Day/Date	Time/Session	Topics for live sessions/video lectures	Resource Persons for technical session
Day-1 08/01/2022	02:00 P.M To 04:00 P.M	Introduction to LaTeX	Mr. Santosh Dhamone
		Overleaf and Advantages of LaTeX	
		Obtaining and installing tex system	
Day-2 08/01/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	Mr. Vishal Nikam
Day-3 15/01/2022	02:00 P.M To 04:00 P.M	LatTeX introduction and Packages	
Day-4 16/01/2022	02:00 P.M To 04:00 P.M	Configuring TeXstudio	
Day-5 22/01/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	Mr. Santosh Dhamone
Day-6 23/01/2022	02:00 P.M To 04:00 P.M	Basic Math in LaTeX	
Day-7 29/01/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	Mr. Vishal Nikam
Day-8 30/01/2022	02:00 P.M To 04:00 P.M	How to write Mathematical Equations	
Day-9 05/02/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	Mr. Santosh Dhamone
Day-10 06/02/2022	02:00 P.M To 04:00 P.M	Preparing an article in latex using article class: Part-I	
Day-11 12/02/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	Mr. Vishal Nikam
Day-12 13/02/2022	02:00 P.M To 04:00 P.M	Preparing an article in latex using article class: Part-II	
Day-13 19/02/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	Mr. Santosh Dhamone
Day-14 20/02/2022	02:00 P.M To 04:00 P.M	Writing CV using Overleaf	
Day-15 26/02/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	Mr. Vishal Nikam
Day-16 27/02/2022	02:00 P.M To 04:00 P.M	Mathematics in LaTeX Part:II	
Day-17 05/03/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	Mr. Santosh Dhamone
Day-18 06/03/2022	02:00 P.M To 04:00 P.M	Mathematics in LaTeX Part:III	
Day-19 12/03/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	Mr. Vishal Nikam
Day-20 13/03/2022	02:00 P.M To 04:00 P.M	Numbered bulleted lists in LaTeX	
		Practice and Assignment	

Day-21 19/03/2022	02:00 P.M To 04:00 P.M	Inserting Graphics in LaTeX	Mr. Santosh Dhamone
		Tables in LaTeX	
Day-22 20/03/2022	02:00 P.M To 04:00 P.M	Practice and Assignment	
Day-23 26/03/2022	02:00 P.M To 04:00 P.M	Boxes in LaTeX	Mr. Vishal Nikam
		Beamer	Mr. Santosh Dhamone
Day-24 27/03/2022	02:00 P.M To 04:00 P.M	Examination	

## The objectives of the Programme :

1. It has become common practice that the Editorial Board and publishers of journals of even moderate impact are accepting the manuscripts in LaTeX format to avoid delay in the review process and production.
2. LaTeX is a text format which is globally recognized. Because of the lack of expertise in LaTeX, even good research results are not able to find a room in reputed journals.
3. LaTeX is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation.
4. LaTeX is widely used in academics, for the communication and publication of scientific documents in many fields, including Mathematics, Engineering, Sciences, economics, linguistics, philosophy, and political science.

## **Important instructions to participants:**

1. Every week schedule will be posted in the WhatsApp Group & Google Classroom.
2. You can also watch the videos at your convenient time.
3. Every week an assignment is posted which is mandatory for all the participants.
5. The assignment is open until next week (There will be no exclusions for the time which is managed by Google Classroom).
5. At the end of the course the project will be given to form document which includes all topics covered in program.
6. Attendance and Assignment submission will be strictly monitored by the organizing team. E-certificates will be awarded based on submitted assignments and project.

