CERTIFICATE COURSE SYLLABUS
"CCMATLE22: LaTeX Editors"

Course Code	Theory	Practical	Marks			
			Final Exam		Internal	Total
			Theory	Practical		
CCMATLE22	12Hrs	18 Hrs	10	30	10	50

Continuous Internal Assessment

Component	Weightage	Marks	Remark
Assignment	50%	5	A student has to submit one assignment
Test Paper	50%	5	A student has to appear for at least one written test
Total	100%	10	

A student has to secure 40% marks to pass each theory and practical

COURSE OUTCOMES

CO1	Understand different types of LaTeX editors
CO2	Learn installation of the softwares of LaTeX editors in Windows and Android
CO3	Learn to use cloud based LaTex Editors
CO4	Learn writing, editing and publishing documents using TeXStudio
CO5	Learn to create documents using VerbTex LaTeX editor

Module 1 –Introduction of LaTeX. Advantages of LaTeX in typesetting. TeX distribution and LaTeX editors. Different Latex Editors.

(10 Hours)

Module 2 –. Creating documents using TeXStudio and VerbTex. The preamble of a document. Adding comments. Bold, Italics and underlining. Adding Images. Captions, Labels and references. Adding math to LaTeX. Different packages.Abstract. Paragraphs and new lines. Chapters and sections. Creating tables. Adding table of contents.

(20 Hours)

References

1. Learning LaTeX, Desmond Higham, 1997.
2. LaTeX document preparation, Leslie Lambort, 1984.
3. 'LaTex beginners Guide', 2nd Edition, SteffanKotwitz, 2021.
4. 'More Math into LaTex', George Gratzer, 2007.