

Lesson Plan 2018-2019
B. Sc. (Hons) Mathematics (Semester III).
SEC-1 LaTeX and HTML

Teacher: Ms. Preety Kumari

Workload : 2 (L) + 2 (P) per week

References 1. Martin J. Erickson & Donald Bindner. (2011). *A student's Guide to the Study, Practice, and Tools of Modern Mathematics*. CRC Press, Boca Raton, FL.

Unit	Week	Topics Covered
1	Week-1 July 23-27,	Introduction to LaTeX, Use of LaTeX
	Week-2 July 30 - Au	Typesetting a simple document, Structure of simple LaTeX document
	Week-3 August 6-1	Adding basic information to LaTeX document
	Week-4 August 13-	Adding elementary mathematics to LaTeX document
	Week-5 August 20-	Adding advanced mathematics to LaTeX document
	Week-6 August 27-	Simple graphics in LaTeX, Exercise problems
	Week-7 September	Introduction to PS Tricks, Use of PS Tricks
	Week-8 September	Plotting simple pictures in LaTeX using PS Tricks
2	Week-9 September	Plotting of function in LaTeX using PS Tricks
	Week-10 September	Exercise problems, Introduction to Beamer presentation
	Week-11 October 1-	Beamer presentation continued
	Week-12 October 8-	Exercise Problems, Introduction to HTML
	Week-13 October 22	HTML basics, Creating simple web pages
	Week-14 October 29 -	Adding Images and links in web page
	Week-15 November	Design simple web pages, Exercise problems
	Week-16 November	Final test and assignment, viva, presentation.