

Dempo Charities Trust's DHEMPE COLLEGE OF ARTS & SCIENCE Miramar, Panaji-Goa

Mathematical Typesetting - LaTeX

Course Objective:

To introduce the basics of how LaTeX works, how to install Latex and Tex editor TeXstudio, explain how to get started, and go through lots of examples. This course will be helpful for students, research scholars and teachers to prepare their research papers, manuscripts, theses and questions papers in LaTex.

Course Content:

Installation of the software; The Basics and to create documents; Bibliography and Bibliographic Database; Table of contents Index and glossary; displayed text, rows and columns; Typesetting Mathematics; Typesetting Theorems.

Course Outcomes:

By the end of the course, participants will be able to

- Install LaTeX in their systems.
- Typeset and control key LaTex environments.
- Be familiar with good practice and proper LaTeX work-flow for efficient best practice.
- Beware of a range of online resources to support the use of LaTeX.
- Use Mathematical expressions and equations.
- Create project reports.
- Write a journal article or Ph.D thesis using LaTeX.
- Make presentation slides using beamer.
- Understand that LaTeX is the most flexible, portable and efficient approach for typesetting the document, project reports, research papers and books.

Non Conventional Course Chatex)

D. C. T.'s Dhempe College

D. C. T.'s Dhempe College Panjim - Goa.																														ass _		'	
· million · · · · ·		nh	nh	Kh	10	15/1	1Sh	N.	SI.	15/1	20/1	22),	23	25/1	27 1	291	20	il.	1	ri -		a1	al			10	1	19		onth	-	1	_
	-	<u>"</u>	1.111	1.55	1.21	1.000	120.0	1.001		1.				1100	1	1	1	12	12	6/2	82	7/2	9/2	9/2	122	13/2	15/2	19	1/2	20/2	22/2	22	2
NAME	Roll No.	1	2	3	4	5	6	7	8	9		11		13				17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Siddhika Bandekan	FI	A	3	4	×	100	A.	\$	2	9	8	1	ar	1	2	6	A	6	Z	4	2	1	te	1			D	1	a	L	d	ca .	-
Neha Chepdenkar	72	ey	est	and	est	est	er	ens	en	Cur	and	1.5	as	and	Ruf	Rept	ey	Egl	Red	A	10	8	de	8	AL.	and	ap	12	11.3	trea	100	r.H	
Shureen Kausar	73	N.	19	ast 1	(Dard)	all	al	3.7	0007	359	31	3º	ANT -	10%	13 M	W. C.		w?	4	1			24	0	100	-	1	1	and a	1	100	-50	2
chartalee Jeshi	74	16	The	Vin	Jer	Ph	16th	Tashi		G	John	July	July	Kehi	Da.	They	Len	Telu	Teh	R.	X4	Yest I	Joh	10	61	Jul	TAL		FG.	150	FC.	F	
Nunoshka Menezes	75	109	500	193	(June	10th	108	100	1 See	War	(we	100	A.	4 543	109	and h	at B	THE	THE R	100	rows	ent	100	Lore	INC	1	109	100	1.00	100	- Ling	IN	*
Briga Metra.	7/	Jul .	es.	int.	18	R	10	192	(th)	A)	AN -	di-	El	10	ALL.	65	d.	R	AL	AL	10	KS-	Sh-	that	1	134	.A	12		The	LA	1A	1
Rakeha Sankatala	77	28	B	88	B	89	B	B	8	8	8	8	80	B	R	B	1SB	88	R	28	R	0	ale	an	de	0	92	19	10	10	R	a	
Akshita Singh	78	4.4	Par 1	100	医	Ser	1 set	83	Not	60	800	8-44	5.0	ALLY	1 set	15d	tes	her	wet	100	hindy	S	50	120	1 and	120	18.0	eber.	3	-	280	1	2
	district in				100.5		100				1	11-1	1	1.1		1		-	-		1ª	-	1	and a	14	1	1	T			1	100	
																									1							T	
7 <u></u>												1												0			1	1				T	
												1										a	in	20									
													X									0	1	TA	8								
				1	1							-	1									1	00										
				1						1		1								100													
										1		1								-											-		
								1				1			1			-															
Secure Reveals in the second second					0.5		-	1	1	1	1	1	-		N	1				1	1.0												
and the second						-		1	-	1	-	1	-	1	1	1		-															
and the second					-	+	-	-	-	+	-	-	-		1-	1				1				1							1		
		-	-			-	-	-	-	-	+	+	-	1	+	1	X	1								-							
and the second sec			-	-	-	-	-	-	-	-	-	-	-	-	+	+	1			T				_					-		-		
		-	-			1.0		1						1	-	-	-	1	-	-												_	



Dempo Charities Trust's DHEMPE COLLEGE OF ARTS & SCIENCE Miramar, Panaji-Goa

Report on Latex-Mathematical Typesetting

Department: Mathematics

A 30 hour skill Development course in Latex-Mathematical Typesetting coordinated by VitendraMhatondkar was conducted by the dept for students of TYBSc with alumna Akshita Singh as the resource person .

The students were introduced to the fundamentals of Latex installation, usage and benefits.

They also provided hands on training in the same. At the end of the course the students were able to successfully install LaTeX and its related components on a home/personal computer, use LaTeX and various templates required from the course to compose mathematical documents, presentations and reports.