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.

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DCT'S

Dhempe College of Arts and Science

Miramar Panaji Goa

Attendence Sheet

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Name of the course: **Mathematical Typesetting - LaTeX**

Academic Year: 2019 – 20   Department: Mathematics

Day 1 — 6/11 columns, Day 2 — 7/11 columns

Sr.No	Name	6/11	6/11	6/11	6/11	6/11	7/11	7/11	9/11	7/11	7/11	5/12	6/12	6/12	9/12	9/12	10/12	11/12	11/12	14/12	14/12	14/12	23/12	23/12
1	Mohmmed zuber Jamadar (83)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Sneha Rane (89)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Reshma Kotten (84)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Anjusha Amonkar (93)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Siya Mardolkar (91)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	Srishti Palkar (88)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	Ambika Naik Parvatkar (86)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	Pratishtha Halarnekar (18138)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	Chetna Vernekar (18153)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	Tanusha Chunchu (81)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	Tanmayee Masurkar (85)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	Smitha S. Naik (87)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	Prajakta Desai (82)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	Azai Sagali	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	Tanisha Bhat 92	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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(Co-ordinator) — Ronkar

Mathematics Department

Co-ordinator: _____

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Name of the course: **Mathematical Typesetting - LaTeX**

Academic Year: 2019 – 20   Department: Mathematics

Sr.No	Name	6/1	6/1	7/1	9/1	9/1	11/1	11/1				
1	Mohmmed zuber Jamadar	✓	✓	✓	✓	✓	✓					
2	Sneha Rane	✓	✓	✓	✓	✓	✓	✓				
3	Reshma Jatheendran kotten	✓	✓	✓	✓	✓	✓	✓				
4	Anusha Amonkar.	✓	✓	✓	✓	✓	✓	✓				
5	SIYA MARDOLKAR (91)	✓	✓	✓	✓	✓	✓	✓				
6	SRISHTI PALKAR (88)	✓	✓	✓	✓	✓	✓	✓				
7	Ambika Naik Parvatkar(86)	✓	✓	✓	✓	✓	✓					
8	Pratishtha Halarnekar	✓	✓	✓	✓	✓	✓	✓				
9	Chetna Vernekar	✓	✓	✓	✓	✓	✓	✓				
10	Tanusha Chunchu	✓	✓	✓	✓	✓	✓	✓				
11	Tanmayee Marwikar (85)	✓	✓	✓	✓	✓	✓	✓				
12	Smitha S. Naik (87)	✓	✓	✓	✓	✓	✓	✓				
13	Prajakta Desai	✓	✓	✓	✓	✓	✓					
14	Azai sagali	✓	✓	✓	✓	✓	✓	✓				
15	Tanisha Bhat	✓	✓	✓	✓	✓	✓	✓				
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Onkar
(Coordinator).

Mathematics Department

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Panaji, Goa

Report of the Skill Development Course in 'Latex- Mathematical Typesetting'

Department: Mathematics

The Department of Mathematics conducted a Skill Development Course in 'Latex – Mathematical Typesetting' from 6th November 2019 to 11th January 2020 for the T.Y.B.Sc and S.Y.B.Sc Maths students of the college. The resource person for the course was Miss.Akshita Singh (Alumni), Mr. Vitendra Mhatonkar (internal). The course was coordinated by Mr. Vitendra Mhatonkar. The course was of 30hrs duration. It was attended by 13 T.Y.B.Sc and 2 S.Y.B.ScMaths students. The students were introduced the basics of how LaTeX works, how to install Latex and TeXstudio, they were explained how to get started, and go through lots of examples.

This course will be helpful for students, manuscripts, maths papers in LaTex. The students are now able to successfully install LaTeX and its related components on a home/personal computer, use LaTeX and various templates acquired from the course to compose Mathematical documents, presentations, and reports.

The T.Y.B.Sc students typed their project successfully using Latex.