



Goa University

Mathematics Discipline, School of Physical and Applied Sciences

Report on

“Five Day Workshop on LaTeX Type Setting in Mathematics”

1. Title of the Event/Activity/program	Five Day Workshop on LaTeX Type Setting in Mathematics
2. Date and Time	October 23-28, 2023
3. Mode of conduct (Physical/Online)	Physical
4. School/ Directorate/ Section	School of Physical and Applied Sciences
5. Collaborating Agency/School/Directorate	Nil
6. Detail of the Resource Person (Brief biodata)	Dr. Narayan Vetrekar (Electronics Discipline), Dr. Bhargav K. Alavani (Physics Discipline), Mr. Brandon Fernandes (Mathematics Discipline), Dr. Jessica Fernandes e Pereira (Mathematics Discipline)
7. Number of Faculty attended/participated	Nil
8. Number of Student attended / participated	34
9. No. of external students/faculty/other participants	Nil
10. The objectives of the Program/activity/event	Objective of the Workshop was to give hands-on-training to M.Sc. (Part II) Mathematics Students in LaTeX typesetting software. Specially to prepare presentations in beamer in

	LaTeX and to be able to type their M.Sc. dissertation in Latex.
11. Description of the Program/activity/event	The program was organised by the Mathematics Discipline of the School of Physical and Applied Sciences so as to enable the Part II students of M.Sc. Mathematics to be comfortable enough to type their dissertation in LaTeX as it is a very useful tool for type setting in Mathematics. The Program was designed in such a way that students would get enough practical experience with which they will be confident in using LaTeX on the go.
12. Benefit/Key outcomes of the Program/activity/event	The students who did not have access to personal Laptops were provided with desktops to perform the practical component of the Workshop. At the end of each day a tutorial sheet was made available to the students in google Classroom that was created for the purpose and the students were expected to submit the assigned in the google classroom. The Resource Persons were well experienced in using LaTeX and the students took benefit of it by interacting actively in the sessions. The Workshop ended well with good feedback from the participants.
13. Enclosures with report	Timetable of the Workshop, Attendance of the students and Geo-tagged photographs

Signature:

Name of coordinator:

Dr. Jessica Fernandes e Pereira

Designation: Assistant Professor

Signature:

Dean/Director/Head
School of Physical and Applied Sciences
Goa University, Goa

Seal of the School/Directorate/University

Signature:

Committee Member: Mr. Brandon Fernandes

Designation: Assistant Professor



Date: Nov 06, 2023

Time Table for LaTeX Workshop (Oct 23-28, 2023)

Resource Persons: Dr. Aruna Govada, Dr. Narayan Vetrekar, Dr. Bhargav K. Alavani, Mr. Brandon Fernandes & Dr. Jessica Fernandes e Pereira

Time	23rd	27th
10:30 – 10:45	Tea	
10:45 – 12:45	Introduction, Installation, Overleaf, Latex Draw (Brandon)	Document class{exam}, Creating a mathematics question paper. (Brandon)
12:45 – 1:15	Lunch	
1:15 – 3:15	Document types, packages, Basic Mathematical typesetting (Brandon)	Document class{book}, typesetting of dissertation, templates (Narayan)
3:15 – 3:30	Tea	
3:30 – 5:30	Assignment/Tutorial/Practical	

Time	25th	26th	28th
9:30 – 10:30	Listing (enumerate, itemize, horizontal list etc), Creating bibliography, etc. (Brandon)	Insert logo, background, front page, TOC, change colour, etc (Jessica)	Document class{article} revisited, Title page (affiliation, contact details), abstract, keywords, (Jessica)
10:30 – 10:45	Tea		
10:45 – 12:45	Document class{article}, section, subsection, insert tables, merge cells, split cells, etc. (Jessica)	Document class{beamer}, beamer themes (Bhargav)	Writing Algorithms in Latex (Aruna)(Online)
12:45 – 1:15	Lunch		
1:15 – 3:15	Draw and Insert figure, caption. Export and import figure as eps from Latex draw, justify text, include references. (Jessica)	Prepare a Presentation and a Poster using Beamer (Jessica)	Miscellaneous (Brandon)
3:15 – 3:30	Tea		
3:30 – 4:30	Assignment/Tutorial/Practical		

Venue: Laboratory V Computational Physics

Program Director:

Dr. M. Tamba



Assistant Professor.
Mathematics (SPAS)

Coordinator:

Dr. Jessica Fernandes e Pereira



Assistant Professor
Mathematics (SPAS)

Committee Member:

Mr. Brandon Fernandes

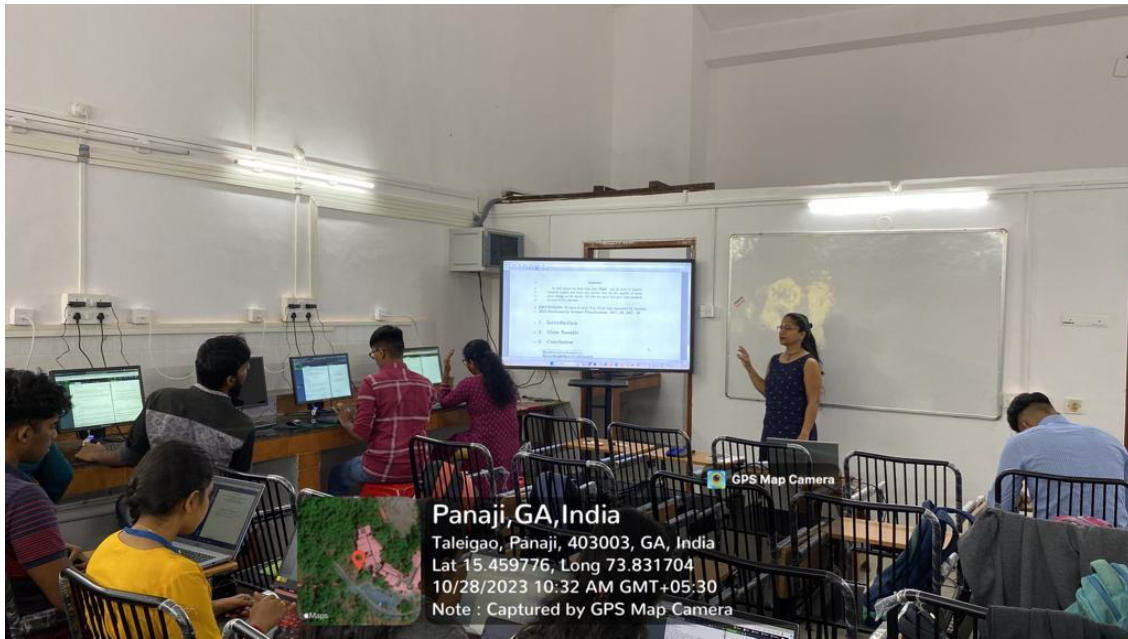


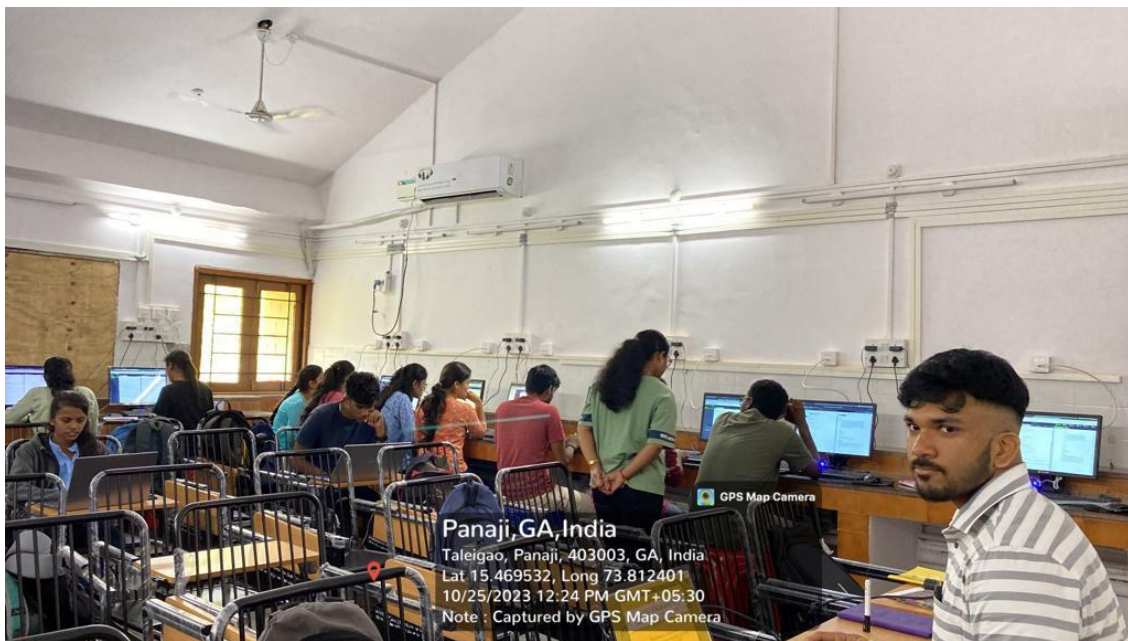
Assistant Professor
Mathematics (SPAS)

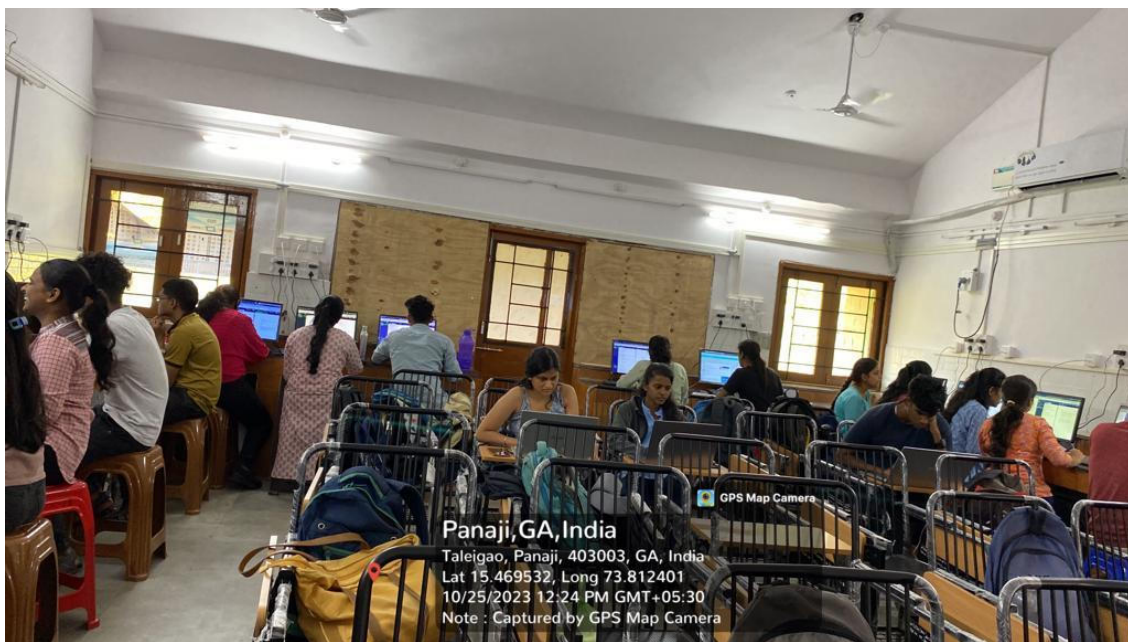
Goa University
Mathematics Discipline
School of Physical and Applied Sciences
Attendance of LaTeX workshop (October 23-28, 2023)

Sr. No.	Name	23-10-2023	25-10-2023	26-10-2023	27-10-2023	28-10-2023
1	Chandani Mistry	Chandani	AB	AB	Chandani	Chandani
2	Callista Cabral	Callista	Callista	Callista	Callista	Callista
3	Almouiz Kamal	Almouiz	Almouiz	Almouiz	Almouiz	Almouiz
4	Vijay Kumar natekar	Vijay	AB	AB	Vijay	Vijay
5	Nikhil kuttikar	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
6	Amar Bhagat	Amar	Amar	Amar	Amar	Amar
7	Swizle Gomes	Swizle	Swizle	Swizle	Swizle	Swizle
8	Netravati Demappa Vantamuri	Netravati	Netravati	Netravati	Netravati	Netravati
9	Caridi Lourdes Pereira	Caridi	Caridi	Caridi	Caridi	Caridi
10	Saish Kanolkar	Saish	Saish	AB	Saish	Saish
	Prajakta Vaze	Prajakta	AB	AB	AB	AB
12	Shrushtee Betodkar	Shrushtee	Shrushtee	AB	Shrushtee	Shrushtee
13	Veda Kush Naik	Veda	Veda	Veda	Veda	Veda
14	Amol Ramesh Yedekar	Amol	Amol	Amol	Amol	Amol
15	Karina Velip	Karina	Karina	Karina	Karina	Karina
16	Swejal Shankar Kalangutkar	Swejal	Swejal	AB	Swejal	Swejal
17	Akansha Dhananjay Pednekar	Akansha	Akansha	Akansha	Akansha	Akansha
18	Maithili Mahadev Khandekar	Maithili	Maithili	Maithili	Maithili	Maithili
19	Adan fernandes	Adan	Adan	AB	Adan	Adan
20	Anuja Anil Naik	Anuja	Anuja	AB	Anuja	Anuja
21	Clarisa Sarina Gonsalves	Clarisa	Clarisa	Clarisa	Clarisa	Clarisa
22	PRANITA RAVI KHANOLKAR	Pranita	AB	AB	AB	AB
23	Samrudhi Uday Vaigankar	Samrudhi	AB	AB	AB	AB
24	Megan Darlene Mascarenhas	AB	AB	AB	Megan	Megan
25	Gauri Surendra Narvekar	Gauri	AB	AB	AB	AB
26	Aryaa Rege	Aryaa	Aryaa	Aryaa	Aryaa	Aryaa



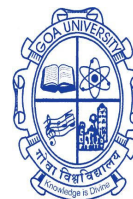








School of Physical and Applied Sciences
Mathematics Discipline
Goa University



Certificate of Participation

*This is to certify that Miss. Maithili Mahadev Khandekar has successfully completed the **five day LaTeX Typesetting Workshop** held from October 23-28, 2023 organized by the Mathematics Discipline, School of Physical and Applied Sciences (SPAS), Goa University.*

Dr. M. Tamba
Programme Director Mathematics
Discipline (SPAS)

Dr. Jessica Fernandes e Pereira
Workshop Coordinator
Assistant Professor (SPAS)

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