



**HARMAL PANCHAKROSHI SHIKSHAN MANDAL'S
GANPAT PARSEKAR COLLEGE OF EDUCATION
Vidya Sankul, Bhom Plateau, Harmal, Pernem – Goa 403 524
(Affiliated to Goa University, Recognised by NCTE)**



**One-Day Workshop on the Typesetting Software
“LaTeX”**

(For students of Physics and Mathematics)



Harmal Panchakroshi Shikshan Mandal's
**Ganpat Parsekar
College of Education**

Harmal, Pernem - Goa



Department of Mathematics

in collaboration with

Committee for Academic Excellence (B.Sc. B.Ed)

organises

A One-Day hands-on workshop on the Typesetting software



LATEX

MONDAY, 9TH JANUARY 2023

9:30 AM TO 04:30 PM



ABOUT

LaTeX

LaTeX is a high-quality typesetting system used to create typographically sophisticated scientific documents dealing with Mathematics, Physics, Economics, Computer Science, and many other areas. It offers programmable desktop publishing features like cross-referencing tables and figures, chapter and section headings, graphics, indexing, page layouts, etc. along with features enabling mathematical typing using scientific notations. LaTeX is also widely used in academia for the communication and publication of research papers in various fields.

HIGHLIGHTS

OF THE WORKSHOP

This workshop will provide a hands-on experience with LaTeX typesetting packages which will prove extremely beneficial to UG and PG students having a background in Mathematics and Physics. The following aspects shall be highlighted:

- Introduction to LaTeX packages, creating and structuring the document
- Mathematical symbols, equations, list environments, graphics and labels
- Theorems & other environments, table of contents, etc.
- Creating Beamer Presentations
- Question Paper Setting

RESOURCE

PERSONS

Ms. Namrata Khorje

Mr. Suraj Parmekar

Ms. Winita Rawool

Department of Mathematics, GPCOE

DETAILED SCHEDULE OF THE PROGRAMME

MORNING SESSION

9.30 AM - 10.00 AM	Formal Function
10.00 AM - 10.30 AM	Introduction to LaTeX and its Packages
10.30 AM - 11.15 AM	Typing Mathematical Equations and inserting symbols
11.15 AM - 11.30 AM	Break
11.30 AM - 01:00 PM	Inserting Graphics and Tables
01.00 PM - 02.00 PM	Lunch Break

AFTERNOON SESSION

02.00 PM - 03.30 PM	Essentials in Preparation of Project Reports
03.30 PM - 04.00 PM	Beamer Presentation
04.00 PM - 04.30 PM	Valedictory Function

**ORGANISING
COMMITTEE**

**Mr. Suraj Parmekar
Co-ordinator
9145042882**

For More Details, Contact:

**Ms. Namrata Khorje
7875784604**

**Ms. Winita Rawool
8390247106**

**Ms. Akshatra Fernandes
7350521451**

**CLICK ON THE LINK BELOW TO REGISTER
OR SCAN THE QR CODE**

<https://forms.gle/bgwHPf4LE77AV8rQA>



**Mr. Udesb Natekar
Principal**

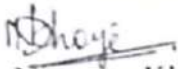
**GANPAT PARSEKAR
COLLEGE OF EDUCATION**

No: 267

Date: 07/01/2023

NOTICE

All the concerned teachers are hereby informed that the Mathematics and Physics students of T.Y.B.Sc.B.Ed. and Fo.Y.B.Sc.B.Ed will be attending one day workshop on the Mathematical Typesetting software "LaTeX" organized by the Department of Mathematics in collaboration with Academic Excellence committee in the college premises on Monday 9th January 2023 from 9.30 am – 4.30 pm.



(Ms. Namrata Khorje)

Incharge

Department of Mathematics



(Mr. Udeshe Natekar)

Principal

Harmal Panchakroshi Shikshan Mandal's
GANPAT PARSEKAR COLLEGE OF
EDUCATION
Harmal-Goa
(Affiliated to Goa University, Recognized by
NCTE)

REPORT

Type of the event: One-Day hands-on workshop on the typesetting software "LaTeX"

Date: 9th January 2023

Mode: Offline Mode

Venue: Classroom 13 and 14, Ganpat Parsekar College of Education, Harmal-Goa

Time: 9.30 a.m. to 4.30 p.m.

Objectives of the Event:

- To prepare well formatted scientific documents specifically involving use of mathematical equations, symbols and figures.
- To showcase advantages of LaTeX over MS-word and other word processing softwares.

Participants registered for the event:

Mathematics and Physics students of T.Y.B.Sc.B.Ed. and Fo.Y.B.Sc.B.Ed. of GPCOE

Organizing body: Department of Mathematics and Committee for Promotion of Academic Excellence

Members of the Organizing body:

Sr.No.	Name
1	Mr. Suraj Parmekar (Event Coordinator)
2	Ms. Namrata Khorje (Member)
3	Ms. Winita Rawool (Member)
4	Ms. Akshatra Fernandes (Convenor - Committee for Promotion of Academic Excellence)

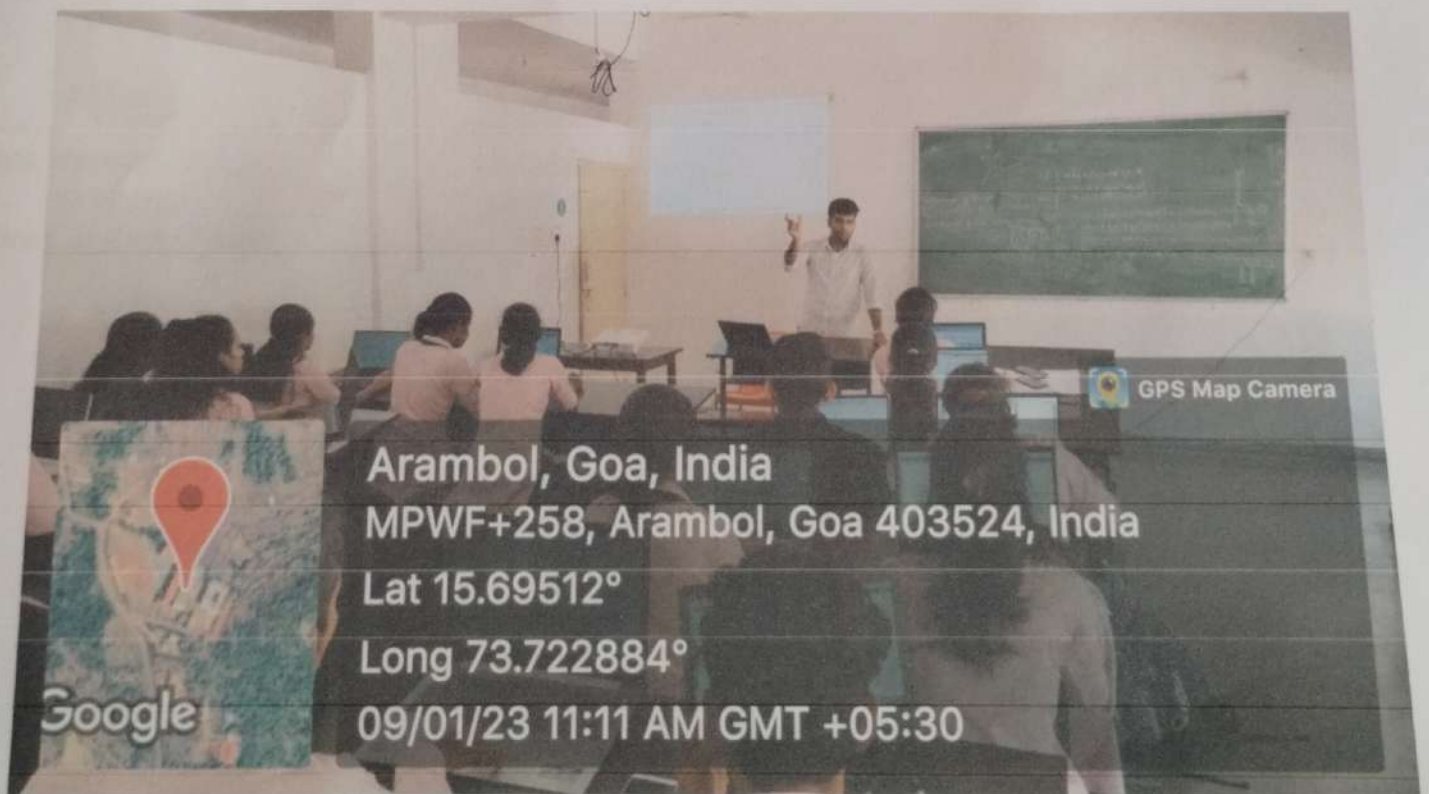
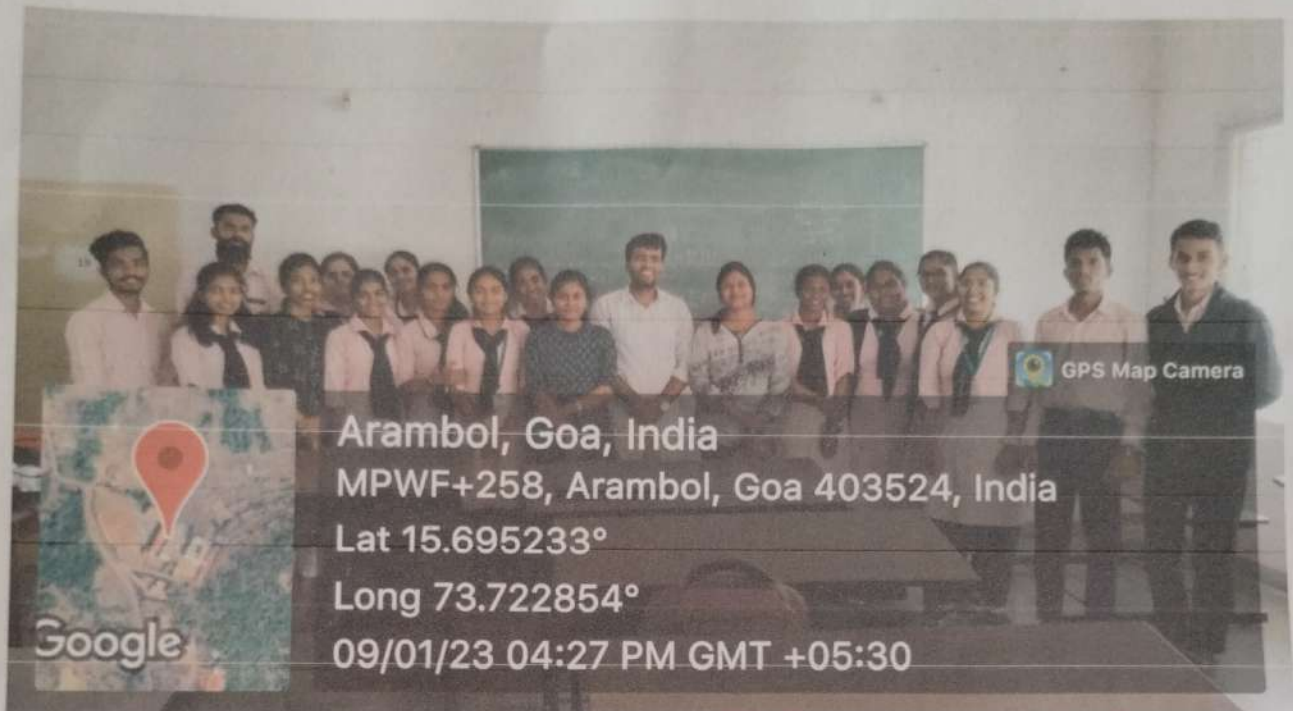
More details of the workshop:

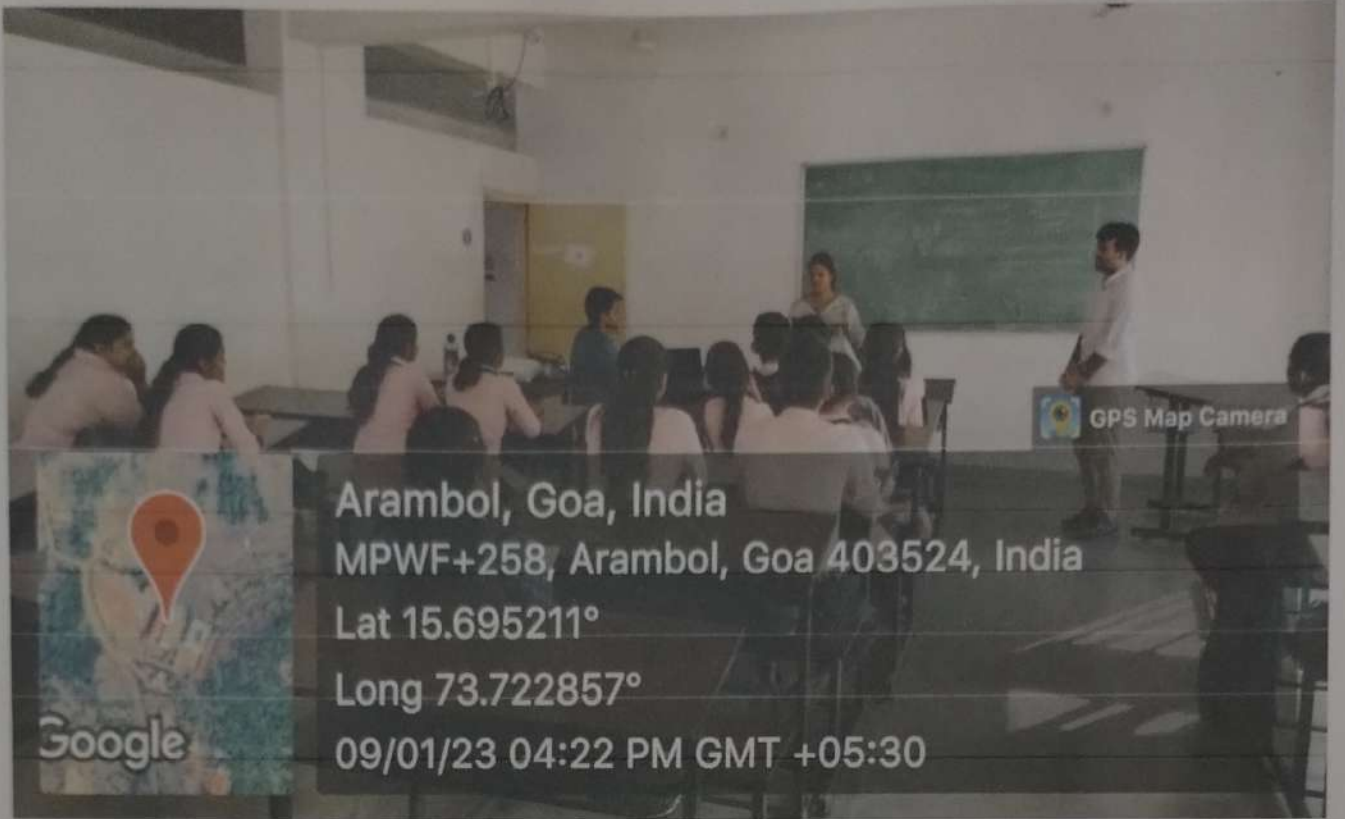
A one-day hands-on workshop on the typesetting software "LaTeX" was organized by Department of Mathematics. Ms. Namrata Khorje, Assistant Professor in Mathematics, Mr. Suraj Parmekar, Assistant Professor in Mathematics and Ms. Winita Rawool, Assistant Professor in Mathematics were the resource persons. Mr. Suraj Parmekar started the session with introduction to Latex and its packages, typing of mathematical equations and insertion of symbols. Later, sessions were handled by Ms. Namrata Khorje and Ms. Winita Rawool simultaneously in two classes wherein the following topics were covered:

- Inserting graphics and tables.
- Essentials in preparation of Project report
- Beamer presentation

The workshop concluded with the vote of thanks by Ms. Akshatra Fernandes, Convenor of the Committee for promoting academic excellence.

Attached
Brochure and Photographs of the session





Arambol, Goa, India

MPWF+258, Arambol, Goa 403524, India

Lat 15.695211°

Long 73.722857°

09/01/23 04:22 PM GMT +05:30



GPS Map Camera

Ms. Namrata Khorje
In-charge
Dept. of Mathematics

Mr. Suraj Parmekar
Event Coordinator

Ms. Akshatra Fernandes
Convenor
Committee for Promotion
of Academic Excellence

Mr. Udesb Natekar
Principal



Harmal Panchakroshi Shikshan Mandal's
Ganpat Parsekar College of Education
Harmal, Pernem - Goa
Department of Mathematics

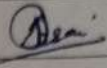
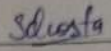
One-Day Workshop on the typesetting software "LaTeX"

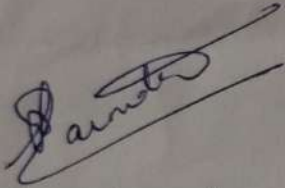
Date: 09 January 2023

Venue: Classroom 19

Attendance Sheet

S.No.	Name	Roll No.	Signature
1.	Branjal L. Fadte	20GPCOES03	
2.	Shyam Velip	20GPCOES22	
3.	Vandana Naik	20GPCOES16	
4.	Rasmita Banaulikar	20GPCOES02	
5.	Arkaj Nagvekar	20GPCOES14	
6.	Soham Parsekar	19GPCOES16	
7.	Monal L. Nagvenkar	20GPCOES15	
8.	Rutika Gadekar	20GPCOES06	
9.	Siya Gojekar	20GPCOES08	
10.	Ruchita Rao	20GPCOES21	
11.	Shreya Prabhugaonkar	20GPCOES20	
12.	Vedika Gawade	20GPCOES07	
13.	Aryan Kavthankar	20GPCOES10	
14.	Ritika Chodankar	20GPCOES02	
15.	Sweeta S. Morajkar	19GPCOES12	
16.	Manisha N. Marathe	19GPCOES11	
17.	Vibha K. Salgaonkar	19GPCOES19	
18.	Yoganda Y. Ghatwal	19GPCOES08	
19.	Grandhali V. Kamblar	19GPCOES10	
20.	Swizel Torje	19GPCOES09	
21.	Madarai Desai	19GPCOES05	
22.	Shreyash Dalvi	19GPCOES01	

S.No.	Name	Roll No.	Signature
23	Akash Desai	19GPCOES04	
24	Shanata D'Costa	19GPCOES02	



Mr. Suraj Parmekar
Event Coordinator



Mr. Udeshtatekar
Principal

FEEDBACK ANALYSIS

The information given / skills taught were relevant and useful	The workshop was well-organised	The resource persons' delivery was clear and understandable	I would be interested in learning more about LaTeX and its other applications	Your Experience in Brief
4	4	4	4	5 Excellent workshop....
3	3	3	3	3 It was informative but a bit difficult to catch up
5	5	5	5	5 Had fun learning the software that will help in typing our project papers.
4	4	4	4	4 Latex workshop was pretty good. It was well organized. The skills taught were relevant and useful for project writing. The resource person had proper knowledge about the content. The workshop should be organized for all students from all section since first year for atleast 5 days. So that everyone gets proper knowledge about the program. KNOWLEDGE IS POWER!
5	5	5	5	5 Excellent.....interested in learning more about latex.....the workshop was so much well organisednice experience.... even the resource person told all about latex very well.
5	5	5	5	5 Good
5	5	5	5	5 It was interesting
4	5	5	5	5 It was fun to learn about such a useful app, latex which will make our work easy in future.
4	4	3	3	4 It was really a good experience. We got to learn some important techniques which are very helpful for a maths teacher.
5	4	4	4	5 It was a good experience.
4	3	3	3	5 It was a very useful session in which a lot of things were taught like book writing easy ways and technics of writing formulas and mathematical symbols,etc
5	5	5	5	4 Good experience
5	5	5	5	5 Thank you for your hardwork.
4	4	4	4	4 It was good
5	5	5	5	4 Truely a great experience.Quality of the workshop was perfect. Clearly explained each and
5	5	5	5	5 It was really good
5	5	5	5	5 Great Workshop
4	5	5	5	4 Great Skill to Learn
5	5	5	5	5 Awesome Workshop. Got to learn loads of new stuff
5	4	5	5	5 I'm looking forward to more workshops like this.
5	5	5	5	5 Good
5	4	4	4	5 Great Explanation and Informative Session.
4	4	5	5	5 Thank you for such a knowledgeable session.
5	5	5	5	5 Latex is extremely useful in writing research papers and scientific documents. Great Skill to Learn 🙌
4.583333333	4.5	4.541666667	4.666666667	

Note 1 - Strongly Disagree - 1 to Strongly Agree - 5

Note 2 - Strongly Disagree - 1 to Strongly Agree - 5

Note 3 - Strongly Disagree - 1 to Strongly Agree - 5

Note 4 - Strongly Disagree - 1 to Strongly Agree - 5

Conclusion: The participants strongly felt that the resource people's delivery was understandable. They also expressed interest in attending more workshops on LaTeX and other softwares. The information given was found to be relevant and useful.

NAAC Criteria No. V / Key Indicator 5.1/ Metric No. 5.1.1

NAAC Criteria No. II / Key Indicator 2.4/ Metric No. 2.4.1