



HARMAL PANCHAKROSHI SHIKSHAN MANDAL'S  
**GANPAT PARSEKAR COLLEGE OF  
EDUCATION**

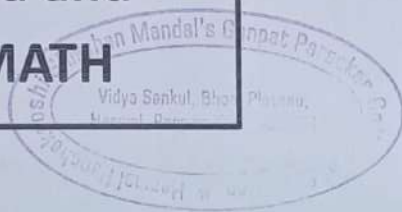
Vidya Sankul, Bhom Plateau, Harmal, Pernem – Goa 403524

(Affiliated to Goa University, Recognised by NCTE)

Recognised under Section 2(f) of the UGC Act, 1956



**Participation in the Two-Day state level  
workshop on Linear Algebra and  
Optimization using SAGEMATH**





Government College of Arts, Science &  
Commerce Sanquelim-Goa  
(Affiliated to Goa University)

**DEPARTMENT OF MATHEMATICS**  
in collaboration with  
**DIRECTORATE OF HIGHER EDUCATION**

ORGANIZES A TWO-DAY WORKSHOP ON

**LINEAR ALGEBRA AND OPTIMIZATION  
USING  
SAGE MATH**



**Resource Person**  
**Dr. Jervin Zen Lobo**  
Assistant Professor, Mathematics  
St. Xavier's College, Mapusa Goa

**Venue**

Conference Room, 2<sup>nd</sup> Floor  
Directorate of Higher Education Building  
Alto, Porvorim-Goa



**Date and Time**

9<sup>th</sup> and 10<sup>th</sup> January 2025  
9 a.m to 3.30 p.m

**Registration Fee**  
**Rs 500/-**

Click the link for registration:

<https://forms.gle/dzGV94PaQsyNhZCG9>

**Limited Seats. Hurry!!!!**



**Mr. Aaron Alphonso**  
Event Coordinator

**Mr. Vishal Gawas**  
Co-coordinator

**Prof. (Dr.) Namdev Gawas**  
Principal (Officiating)

# Programme Schedule

09/01/2025	9 a.m. to 10 a.m.	Registration and Breakfast
	10 a.m. to 10.30 a.m.	Inauguration
	10.30 a.m. to 12.30 p.m.	Session I : Vectors Spaces and Properties
	12.30 p.m. to 1.30 p.m.	Lunch
	1.30 p.m. to 3.30 p.m.	Session II : Linear Transformations
10/01/2025	9.30 a.m, to 10.30 a.m.	Breakfast
	10.30 a.m to 12.30 p.m.	Session III: Optimization Techniques
	12.30 p.m. to 1.30 p.m.	Lunch
	1.30 p.m. to 3.30 p.m.	Session IV: Linear Programming

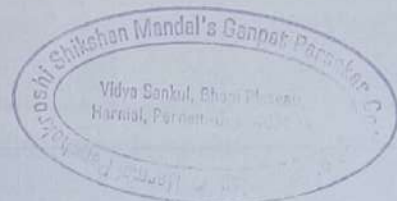
Scan the QR code for payment

College UPI ID for payment  
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To Install SAGE MATH click:  
[https://drive.google.com/file/d/167JOa5MNI8lFPufz-Ormv\\_y4me5NcRmX/view?usp=drive\\_link](https://drive.google.com/file/d/167JOa5MNI8lFPufz-Ormv_y4me5NcRmX/view?usp=drive_link)

For Queries Contact  
Mr. Aaron Alphonso : 8806342089  
Mr. Vishal Gawas : 9021750392



**Harmal Panchakroshi Shikshan Mandal's**  
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**REPORT**

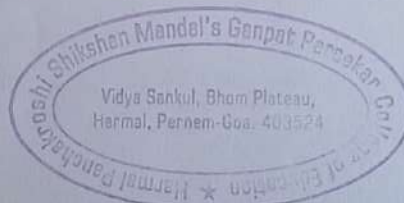
The Department of Mathematics, Government College of Arts, Science and Commerce, Sanquelim, organized the two-day state level workshop on Linear Algebra and Optimization using SAGEMATH on 10<sup>th</sup> & 11<sup>th</sup> January 2025. Two of our students and two faculty members participated in the same.

**Participants:**

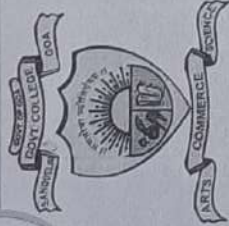
1. Ms. Namrata Khorje (Faculty)
2. Mr. Soham Ashvekar (Faculty)
3. Ms. Anishka Narvekar (Fo. Y.B.Sc.B.Ed.)
4. Ms. Grisha Salgaonkar (Fo. Y.B.Sc.B.Ed.)



*N. Khorje*  
Ms. Namrata Khorje  
In-charge  
Department of Mathematics



*Dr. Pandurang Pandit*  
Dr. Pandurang Pandit  
Officiating Principal



**Government College of Arts, Science & Commerce**

**Sanquelim- Goa**

(Affiliated to Goa University)

# CERTIFICATE

of Participation

This Certificate is Presented to

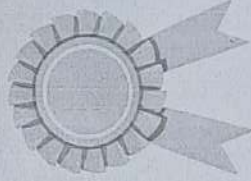
**GRISHA VIJAY SALGAONKAR**

**GANPAT PARSEKAR COLLEGE OF EDUCATION, HARMAL**

for participating in the two-day state level workshop on

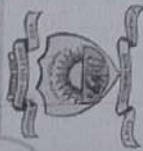
**LINEAR ALGEBRA AND OPTIMIZATION USING SAGEMATH**

organized by the Department of Mathematics, Government College of Arts, Science & Commerce, Sanquelim Goa in association with the Directorate of Higher Education, Goa held on 9th and 10th January 2025.



Prof. (Dr.) Namdev Gawas  
Principal (Officiating)

Mr. Aaron Alphonso  
Event Coordinator



**Government College of Arts, Science & Commerce**  
**Sanquelim- Goa**  
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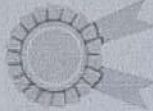
**CERTIFICATE**  
OF PARTICIPATION

This Certificate is Presented to

**ANISHKA VIDYADHAR NARVEKAR**

**GANPAT PARSEKAR COLLEGE OF EDUCATION, HARMAL**  
for participating in the two-day state level workshop on  
**LINEAR ALGEBRA AND OPTIMIZATION USING SAGEMATH**

organized by the Department of Mathematics, Government College of Arts, Science & Commerce,  
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held on 9th and 10th January 2025.



*Mr. Aaron Alphonso*

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Event Coordinator

*Prof. (Dr.) Namdev Gawris*

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Principal (Officiating)

