



## Goa University

Discipline of Mathematics, School of Physical and Applied Sciences

Report on

Maths of the Motherland: National Mathematics Day Celebration

1. Title of the Event/Activity/program	Maths of the Motherland: National Mathematics Day Celebration
2. Date and Time	December 22, 2025 from 9:00 am - 5:00 pm
3. Mode of conduct (Physical/Online)	Physical Mode
4. School	School of Physical and Applied Sciences
5. Collaborating Agency/School/Directorate	NIL
6. Detail of the Resource Person (Brief biodata)	<p><b>Dr. Manoranjan Singha</b> (Professor, Department of Mathematics, University of North Bengal)</p> <p>And</p> <p><b>Dr. Mayank Goel</b> (Assistant Professor, Department of Mathematics, Birla Institute of Science and Technology Pilani K K Birla Goa Campus, Goa)</p>
7. Number of Faculty attended/participated	09
8. Number of Student attended / participated	78
9. No. of external students/faculty/other participants	17/03/02

<p><b>10. The objectives of the Program/activity/event</b></p>	<p>The objective of the program was to celebrate <b>National Mathematics Day</b>. Bridging Modern Mathematics and Indian Knowledge Systems (IKS), in alignment with the <b>National Education Policy (NEP) 2020</b> and the Indian Knowledge Systems (IKS) initiative of the Ministry of Education.</p> <p>The program also featured a student-led presentation competition focused on Ancient Indian contributions to Mathematics, aligning with the IKS objectives.</p>
<p><b>11. Description of the Program/activity/event</b></p>	<p>The program commenced with the screening of a documentary on Srinivasa Ramanujan, followed by a brief inaugural ceremony. Prof. Ramesh Pai, Dean of the School of Physical and Applied Sciences, welcomed the participants and dignitaries. This was followed by a talk on the significance of National Mathematics Day by Dr. Chitra Mekoth.</p> <p>The session then continued with an invited lecture by Prof. Manoranjan Singha titled "<i>Numerals to Numbers with Some Funny Problems.</i>" After the tea break, a presentation competition focusing on Ancient Indian contributions to Mathematics was conducted, in which five shortlisted candidates participated. This was followed by another invited lecture by Dr. Mayank Goel titled "<i>From Brownian Motion to Asset Pricing: A Theory-Based Introduction to Stochastic DEs.</i>"</p> <p>After the lunch break, Prof. Singha delivered another invited lecture titled "<i>Topology for Non-Topologists.</i>" The program concluded with a coffee break and the prize distribution ceremony. Throughout the event, spot prizes based on the life and work of Srinivasa Ramanujan were also conducted, adding an engaging element to the program.</p>
<p><b>12. Benefit/Key outcomes of the Program/activity/event</b></p>	<p>Increased awareness of Srinivasa Ramanujan's life and contributions.</p> <p>Appreciation of <b>Indian Knowledge Systems (IKS)</b> through discussions on ancient Indian</p>

	<p>contributions to Mathematics</p> <p>Exposure to both classical and modern mathematical concepts.</p> <p>Interaction with experts, enhancing academic motivation.</p> <p>Improved presentation and analytical skills among students.</p> <p>Active and engaging participation through competitions and spot prizes.</p>
<b>13. Enclosures with report</b>	<p>Brochure, Geo-tag photos, Attendance of students/faculty/external participants, Bio Data of resource person.</p>

Signature:



Name of coordinator:

**Dr. Jessica Fernandes e Pereira**

Designation:

**Assistant Professor**

Signature:



Dean:

**DEAN**  
School of Physical and Applied Sciences  
Goa University Goa

**School of Physical and Applied Sciences**

Seal of the School/Directorate/University



# Maths of the Motherland: A National Mathematics Day celebration.



**December 22, 2025**

Organised by  
**MATHEMATICS DISCIPLINE**  
**SCHOOL OF PHYSICAL AND APPLIED SCIENCES**  
**GOA UNIVERSITY**



**Time: 9.30am to 4.30pm**

"Step into the world of ancient knowledge and modern-day mathematics! Join us to celebrate National Mathematics Day and experience insightful expert talks and creative student presentations honoring India's Mathematical Heritage"

## RESOURCE PERSONS:

**DR. MANORANJAN SINGHA**

(Professor, Department of Mathematics  
University of North Bengal)

**DR. MAYANK GOEL**

(Assistant Professor,  
Department of Mathematics,  
BITS Pilani K K Birla Goa Campus)

## ORGANISING COMMITTEE

Jessica Fernandes e Pereira

Mridini M. Gawas

Chitra Mekoth

Brandon Fernandes

Mudraj Pagi

M. Kunhanandan

(Program Director, Mathematics Discipline)

## Powerpoint/Beamer Presentation Competition

**Topic: "Indian Mathematicians/Mathematics by Indian Mathematicians"**

**1<sup>st</sup> Prize-₹2000+Certificate**

**2<sup>nd</sup> Prize-₹1000+Certificate**

### Note:

- Participants will be selected by respective college/institution.
- Time limit max 10min + 5min Q&A.
- Judging criteria will be communicated to the selected participants.
- Certificates will be given to all the participants.

## Who can register?

Anyone interested, specifically Post-Graduate Students and Faculty in Mathematics.

Registration Link : <https://forms.gle/Zmanqn96v3Ajekr9A>

**Last date for registration: December 5, 2025**



8669609205 / 8669609297



[zaydegrace@unigoa.ac.in](mailto:zaydegrace@unigoa.ac.in)



**Group Photograph**



**Invited Lecture**



**Felicitation of Resource Person**



**Invited Lecture**



**Felicitation of Resource Person**





**First Prize Winner**



**Second Prize Winner**



**Other Participants of the Presentation Competition**





**Some Spot Prize Winners**

**MATHS OF THE MOTHERLAND:  
NATIONAL MATHEMATICS DAY CELEBRATION  
DECEMBER 22, 2025**

ORGANIZED BY MATHEMATICS DISCIPLINE  
SCHOOL OF PHYSICAL AND APPLIED SCIENCES  
GOA UNIVERSITY, GOA

**Attendance-1**

Sr. No.	Name	Affiliation	Student/Faculty	If Student	Signature
1	Riya Ritesh Pednekar	Goa University	Student	Part I	<i>Riya</i>
2	Disha Deepak Parab	Goa University	Student	Part I	<i>Dhapa Parab</i>
3	Samiksha B. Chari	Goa University	Student	Part I	<i>Shary</i>
4	Sweta Sundar Morajkar	Goa University	Student	Part I	<i>Morajkar</i>
5	Grisha Vijay Salgaonkar	Goa University	Student	Part I	<i>Grish</i>
6	Ali khalil Shaikh	Goa University	Student	Part I	<i>Ali</i>
7	Rupal Shripad Budke	Goa University	Student	Part I	<i>Budke</i>
8	Anishka Vidyadhar Narvekar	Goa University	Student	Part I	<i>Narvekar</i>
9	Khushi Umesh Ghadi	Goa university	Student	Part I	<i>Khushi</i>
10	Anjali	Goa University	Student	Part I	
11	Riya Hires Sinai Mauzo	Goa University	Student	Part I	<i>RiMa</i>
12	Riya Naik	Goa University	Student	Part I	<i>Raib</i>
13	Ranisha Ratnakar Dsouza	Goa University	Student	Part I	<i>Ranisha</i>
14	Trusha Sinari	Goa University	Student	Part I	<i>Sinari</i>





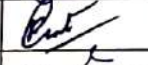

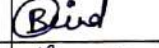




15	Vaishali Siddalingappa Pattihal	Goa University	Student	Part I	<i>Pattihal</i>
16	Riddhi Naik	Goa University	Student	Part I	<i>Naik</i>
17	Anish Pravin Prabhu Konkar	Goa University	Student	Part I	<i>Akonkar</i>
18	Vaibhavi Lotlikar	Goa University	Student	Part I	<i>Lotlikar</i>
19	Utkarsh Manikrao Desai	Goa University	Student	Part I	<i>Umdesai</i>
20	Analiene Jean Fernandes	Goa University	Student	Part I	<i>John</i>
21	Pranjal L Fadte	Goa University	Student	Part I	<i>Pradte</i>
22	Ryfka Rodrigues	Goa University	Student	Part I	<i>Rodrigues</i>
23	Pranisha Gurav	Goa university	Student	Part I	<i>Gurav</i>
24	Prerna Naik	Goa university	Student	Part I	
25	Narayani Anand Dessai	Goa University	Student	Part I	<i>Dessai</i>
26	Mahadevi Karbhantnal	Goa University	Student	Part I	<i>Naik</i>
27	Jason Victor Couto	Goa University	Student	Part I	<i>J. Couto</i>
28	Vardha Vivekanand Gaonkar Desai	Goa University	Student	Part I	<i>V. Desai</i>
29	Gulshan Nishad	Goa University	Student	Part I	<i>Gulshan</i>
30	Alena Fernandes	Goa University	Student	Part I	<i>Fernandes</i>
31	Yuga Yoguish Sambary	Goa University	Student	Part I	<i>Y. Sambary</i>
32	Bianca Steffi Fernandes	Goa university	Student	Part I	<i>B. Fernandes</i>
33	Muriel Cassey Gomes	Goa University	Student	Part I	
34	Alishka Loretta Fernandes	Goa university	Student	Part I	
35	Pranjali Laxman Prabhu Usgaonkar	Goa University	Student	Part I	<i>Prabhu</i>
36	Vidhina Faladesai	Goa University	Student	Part II	<i>V. Faladesai</i>
37	Neenad Ashok Adkonkar	Goa university	Student	Part II	<i>A. Adkonkar</i>
38	Rupam Utkarsh Naik	Goa University	Student	Part II	<i>R. Naik</i>

39	Pranjali Pradeep Rawool	Goa University	Student	Part II	<u>Rawool</u>
40	Dikshita Naik	Goa University	Student	Part II	<u>Naik</u>
41	Siya Sadanand Desai	Goa university	Student	Part II	<u>Desai</u>
42	Aryan Bhanukant Kavthankar	Goa University	Student	Part II	<u>Akavthankar</u>
43	Shrusti Suresh Naik	Goa University	Student	Part II	<u>Snaik</u>
44	Princeton Da Gama	Goa University	Student	Part II	<u>Dgama</u>
45	Shivani Sharad P Naik	Goa University	Student	Part II	<u>Shnaik</u>
46	Tanuja Ravi Mandrekar	Goa University	Student	Part II	<u>Mandrekar</u>
47	Savari Morajkar	Goa University	Student	Part II	
48	SHEENA VAIGANKAR	Goa University	Student	Part II	<u>Sheena</u>
49	Manthan A. Sawant Dessai	Goa University	Student	Part II	<u>Mansawant</u>
50	Tanvi Uttam Kunkolkar	Goa University	Student	Part II	<u>Tam</u>
51	Dhiraj Velip	Goa University	Student	Part II	<u>Velip</u>
52	Mayuri madhu gosavi	Goa University	Student	Part II	<u>M. Gosavi</u>
53	Pratham Namdev Sukadkar	Goa University	Student	Part II	<u>Pratham</u>
54	Saili Kundaikar	Goa University	Student	Part II	
55	KANAK KONADKAR	Goa University	Student	Part II	<u>Konadkar</u>
56	Rutika Gurudas Gadekar	Goa University	Student	Part II	<u>Rutika</u>
57	Lakshtra Govekar	Goa University	Student	Part II	
58	Ruchita Rao	Goa University	Student	Part II	<u>Ruchita</u>
59	Sanjana Sawant	Goa University	Student	Part II	<u>Sawant</u>
60	Anchal Arun Sawant	Goa University	Student	Part II	<u>Ansawant</u>
61	Vandana Naik	Goa University	Student	Part II	<u>Vandana</u>
62	Frannola Araujo	Goa University	Student	Part II	



63	Saisha Redkar	Goa University	Student	Part II	<i>[Signature]</i>
64	Riya Parsekar	Goa University	Student	Part II	<i>[Signature]</i>
65	Monal L. Nagvenkar	Goa University	Student	Part II	<i>[Signature]</i>
66	Jowill Dias	Goa university	Student	Part II	<i>[Signature]</i>
67	Anushri Pritam Kane	Government College Quepem	Student	Part II	<i>[Signature]</i>
68	Sahili Pradeep Padwalkar	Government College Quepem	Student	Part II	<i>[Signature]</i>
69	Laxshmi Biradi	Government College Quepem	Student	Part II	<i>[Signature]</i>
70	Vaishnavi Bhende	Government College Quepem	Student	Part II	<i>[Signature]</i>
71	Fabel Vaz	Government College Quepem	Student	Part II	<i>[Signature]</i>
72	R. Sona	Government College Quepem	Student	Part II	<i>[Signature]</i>
73	Priya Gaonkar	Government College Quepem	Student	Part II	<i>[Signature]</i>
74	Munazza Sayed	Government College Quepem	Student	Part II	
75	Shubhavi Tanavade	Government College Quepem	Student	Part II	<i>[Signature]</i>
76	Vaibhavi Tanavade	Government College Quepem	Student	Part II	<i>[Signature]</i>
77	Alinda Maria Alves	Government College Quepem	Student	Part II	<i>[Signature]</i>
78	Valanka Dorina D'costa	Government College Quepem	Student	Part II	<i>[Signature]</i>
79	Amy Pearl D'costa	Government College Quepem	Student	Part II	<i>[Signature]</i>
80	Sunilkumar S. Nisad	Government College Sanquelim	Student	Part II	<i>[Signature]</i>
81	Brandon	Goa University	Faculty		<i>[Signature]</i>
82	Jessica Fernandes e Pereira	Goa University	Faculty		<i>[Signature]</i>
83	Reshma Raut Dessai	Goa University	Faculty		<i>[Signature]</i>
84	Jasmine Kalangutkar	Government College, Borda-Margao, Goa	Faculty		
85	Mridini Mahadev Gawas	Goa University	Faculty		<i>[Signature]</i>
86	Mudraj Pagi	Goa University	Faculty		<i>[Signature]</i>

87	Kevin Anthony Pereira	Don Bosco College of Engineering Fatorda Goa	Faculty		
88	Chitra Mekoth	Goa University	Faculty		
89	Brian DSouza	Government College Sanquelim	Faculty		
90	Shashank Sunil Khanolkar	Goa University	Student		
91	Shreya Dilip Kolmule	Government College Sanquelim	Student		
92	Dhweta Sawant	Research Scholar	Student		
93	RACHEL SARAN D'LOSA	GOA UNIVERSITY RESEARCH SCHOLAR			
94	Rachel Barretto	Govt. College Quepem	student		
95	Roshani	Govt. College Quepem	Student		
96	Aswathy C.B Panickar	Goa University	Student		
97	Malissa Viegas	Govt. College Quepem	Student		
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