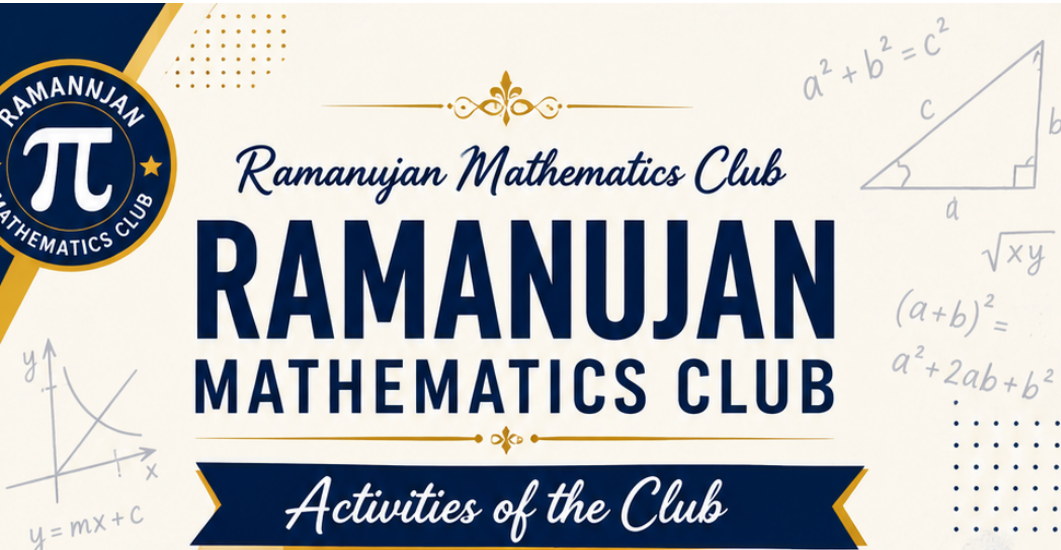




Ramanujan Mathematics Club

RAMANUJAN MATHEMATICS CLUB

Activities of the Club



$a^2 + b^2 = c^2$

$y = mx + c$

$\sqrt{xy}$

$(a+b)^2 = a^2 + 2ab + b^2$

$V = s^3$



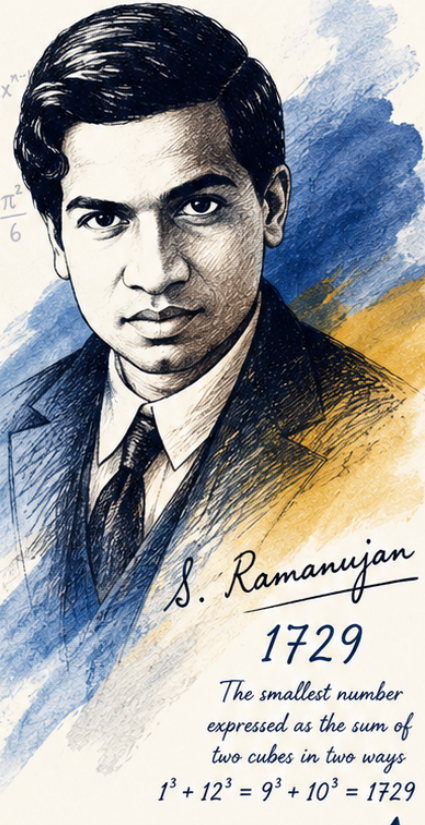
Patron of the Club
Dr. Pargat Singh Garcha



Sponsor of the Club
Dr. Rachpal Singh Gill



Dr. Ramandeep Kaur Sidhu



S. Ramanujan
1729
The smallest number
expressed as the sum of
two cubes in two ways
 $1^3 + 12^3 = 9^3 + 10^3 = 1729$



G.H.G. Khalsa College of Education
Gurusar Sadhar, Ludhiana

RAMANUJAN MATHEMATICS CLUB CONSTITUTION

NAME OF THE CLUB

This club shall be named as RAMANUJAN CLUB

OBJECTIVES OF THE CLUB

The objectives of the club shall be

- Mathematics club helps in the proper utilization of leisure time.
- It helps in arousing and maintaining students' interest in mathematics.
- It helps the student to imbibe social qualities like co-operation, tolerance, adjustment and open-mindedness, as they work in groups.
- Mathematics clubs extend learning beyond the limits of the classroom.
- It provides the students with opportunities to develop their explorative, creative and inventive faculties.
- It provides opportunities for students to translate the theory into practice and to apply their learning in daily life situations.
- Mathematics clubs may meet during school hours; their activities may often extend to out of school hours at home in the laboratory, in the field etc.
- Club activities provide first hand experiences to the learners as they participate in model making, arranging for exhibition, field work, laboratory work and so on.

COMPOSITION OF THE CLUB

- Patron
- Sponsor
- President
- Vice-President
- Secretary
- Treasurer
- Librarian
- Publicity Incharge

ACTIVITIES OF THE CLUB

1. Arranging visits to places of Mathematics interest
2. Arranging declamations, debates and paper reading contents
3. Celebrating Mathematics days
4. Preparing Models, Charts etc.
5. Arranging extension lecture of reputed and learned personalities in the field of Mathematics
6. Organizing workshops
7. Preparing students for Inter-College, Inter-Zonal competitions
8. Arranging competitions of Mathematics like skill in Teaching, on the spot teaching aid preparation
9. Seminar on content portion in Teaching of Mathematics (weekly)

Session 2025-26

Patron	Dr. Pargat Singh Garcha
Sponsor	Dr. Rachhpal Singh Dr. Ramandeep Kaur Sidhu
President	Muskan Kalra (24002)
Vice President	Sukhchain Singh (24003)
Secretary	Simardeep Singh (24008)
Treasurer	Ramandeep Kaur (25012)
Librarian	Amanpreet Kaur (25014) Gurjot Singh (25018)
Publicity Incharge	Jobanpreet Kaur (24039) Gurdeep Singh (24038) Armanjeet Kaur Plaha (25048)

Activities (Session 2025-26)

National Mathematics Day-2025

The Ramanujan Club of the college commemorated *National Mathematics Day* in December 2025 to honor the birth anniversary of Srinivasa Ramanujan, the legendary mathematical genius whose groundbreaking contributions have left a lasting impact on the world of mathematics. As part of the celebration, an engaging quiz was organized focusing on two key themes: The Life and Contributions of Srinivasa Ramanujan, and the Significance of Celebrating National Mathematics Day. The quiz aimed to deepen students' understanding of Ramanujan's extraordinary journey and to highlight the importance of recognizing mathematics as a vital and inspiring discipline. Students participated in the event with great zeal and enthusiasm, making the celebration a vibrant and educational experience. The quiz was thoughtfully prepared by Muskan Kalra (24002) & Jobanpreet Kaur (24039), under the able guidance of Dr. Ramandeep Kaur Sidhu.

Link of the quiz- <https://forms.gle/EVDLXZ7YCCeR21Kjx7>

National Mathematics Day 2025

The Ramanujan Club of the college commemorated National Mathematics Day on 22nd December to honor the birth anniversary of Srinivasa Ramanujan

When was Srinivasa Ramanujan born? *

- ☐ 22 December 1887
- ☐ 26 January 1885
- ☐ 14 November 1888
- ☐ 15 August 1889

Zonal Skill in Teaching and Teaching Aid Preparation Competitions- The member representatives of Ramanujan Club participated in PU Zonal Skill in Teaching and on the Spot Teaching Aid Preparation competitions (zone-B) in the subjects of Mathematics held at GHGH Khalsa College of Education, Sidhwan Khurd **(28.11.2025)**. Ms Jobanpreet Kaur (24039) bagged the **Second position in Skill in Teaching Competitions Competitions** (Mathematics). Ms. Gurleen Kaur Tiwana (24004) Consolation prize in the **On the Spot Teaching Aid Preparation in Mathematics** category.





Inter-Zonal Skill in Teaching and Teaching Aid Preparation Competitions-The member representatives of Ramanujan Club participated in PU Inter Zonal Skill in Teaching and on the Spot Teaching Aid Preparation competitions (Group I) held at A.S. College of Education, Kalal Majra, Khanna (08.12.2025) in the subjects of Mathematics. Ms Jobanpreet Kaur (24039) bagged the **participated in** in the **On the Spot Teaching Aid Preparation** (Mathematics).



Report on International Pi Day Celebration (19 March 2026)

The International Pi Day celebration was successfully organized on 19 March 2026 in the institution with great enthusiasm and academic spirit. The programme aimed to promote awareness about the significance of mathematics in everyday life and to inspire students to develop a deeper interest in the subject.

The event commenced with a warm and graceful welcome of the distinguished resource person, Dr. Sandeep Kataria. The formal welcome address was delivered by Dr. Rachhpal Singh, who highlighted the importance of celebrating Pi Day and acknowledged the valuable contribution of

mathematics in various fields. The Mathematics Club incharges extended a floral welcome to the guest as a mark of respect and appreciation.

The stage proceedings were efficiently and elegantly conducted by Ms. Muskan Kalra, who ensured the smooth flow of the programme. Her confident anchoring added charm and coherence to the event.

Dr. Sandeep Kataria, the resource person, delivered an insightful and engaging lecture on the theme of Pi Day and the broader relevance of mathematics. His session enriched the students with new perspectives, practical applications, and interesting facts related to the mathematical constant π . The lecture motivated students to view mathematics not just as a subject but as a powerful tool for innovation and problem-solving. The programme concluded with a formal vote of thanks presented by Dr. Pargat Singh Garcha. He expressed sincere gratitude to the resource person for sharing his valuable knowledge, to the organizing team for their efforts, and to the participants for their enthusiastic involvement. Overall, the celebration of International Pi Day was a great success, leaving a lasting impression on all attendees and reinforcing the importance of mathematics in academic and real-life contexts.



