

PITHAPUR RAJAH'S GOVERNMENT COLLEGE(A) KAKINADA



NATIONAL MATHEMATICS DAY
DEPARTMENT OF MATHEMATICS
22nd DECEMBER 2024



PITHAPUR RAJAH'S GOVERNMENT COLLEGE(A)

KAKINADA

(An outcome-based institution with NAAC Accredited with "A" Grade)

INVITATION

DEPARTMENT OF MATHEMATICS

You are requested to attend

NATIONAL MATHEMATICS DAY

(Theme: Mathematics for a Better world)

On Friday, 22nd December 2024 at Ramanujan Lecture Hall

Pithapur Rajah's Government College(A), Kakinada

Session – 10.30 A.M. to 12.30 P.M.

President

Dr. B.V.Tirupanyam, Ph.D

Principal

Sri.K.Anjaneyulu

Vice Principal

Dr. B.Ellya, Ph.D

IQAC Co-ordinator

Dr. K.Jayadev, Ph.D

In -Charge ,Department of Mathematics



DEPARTMENT OF MATHEMATICS

PRINCIPAL, STAFF & STUDENTS

PITHAPUR RAJAH'S GOVERNMENT COLLEGE(A) : KAKINADA

MATHEMATICS DAY CELEBRATIONS

**on the eve of 13th National Mathematics Day: 2024 on Friday, 22nd December 2024 at 10.30 AM,
at Ramanujan Lecture Hall**

PROGRAMME SHEET

INVITING GUESTS ON TO THE DAIS	: 10:30 am P.Hyama Suji Bharathi (II B.Sc – Maths Major)
PRAYER SONG BY STUDENTS	: 10:35 am R.N.Sivani (III B.Sc – M.P.Cs)
PHOTO OF RAMANJAN&LIGHTING THE LAMP	: 10:45 am
MATHEMATICS PLEDGE	: 10.50 am K.SUMARCHANA (II B.Sc – Maths Major)
OPENING REMARKS OF THE PRINCIPAL	: Dr. B. V. Tirupanyam
REMARKS OF VICE PRINCIPAL	: Sri.K.Anjaneyula
REMARKS OF IQAC COORDINATOR	: Dr.E.ELIYA
REMARKS OF HOD	: Dr.K.Jayadev HOD of the Department
MESSAGE OF THE CHIEF GUEST	:
FEEDBACK ON PROGRAMME	: 1. T.SURENDRA (III M.P.C -EM-I) 2. N.MAHALAKSHMI (III M.P.C – EM I) 3. A.LOHITHADEVI (II B.Sc – Maths Major)
VOTE OF THANKS	: K.SAMRAJYAM Lecturer in Mathematics

MATHEMATICS PLEDGE

Mathematics is my world. All mathematics problems are my friends and relatives. I love my Mathematics and I am proud of its speed and accuracy. I shall always try to solve all the problems. I shall learn principles, formulas and all sums with happiness and treat every problem with respect. I shall mind all the chapters.

To my math's and my teachers, I pledge my devotion. In solving the sums and finding the answers alone lies my happiness.

Jai Mathematics



Abstract:

On the occasion of National Mathematics Day, Pithapur Rajah's Government College(A), Kakinada organized a celebration on 22nd December 2023.

National Mathematics Day 2024

National Mathematics Day is an annual observance in India that holds a special place in the hearts of mathematicians and math enthusiasts worldwide. Celebrated on December 22nd, it marks the birth anniversary of the legendary mathematician Srinivasa Ramanujan. This day serves as a tribute to Ramanujan's unparalleled contributions to the world of mathematics and aims to promote the importance of mathematics as a discipline of national and global significance. National Mathematics Day not only commemorates the genius of Ramanujan but also inspires a love for mathematics, encourages exploration in the field, and celebrates the boundless possibilities that mathematics offers to humanity.

National Mathematics Day: History

The Indian government declared December 22nd as National Mathematics Day in 2012, on the occasion of Ramanujan's 125th birth anniversary. This decision aimed to honor Ramanujan's exceptional achievements and promote mathematics as a discipline of national importance.

Mathematics Day in India: Significance

National Mathematics Day in India holds significant importance for several reasons:

1. **Honoring Srinivasa Ramanujan:** National Mathematics Day is dedicated to celebrating the extraordinary mathematical genius of Srinivasa Ramanujan. It recognizes his unparalleled contributions to the field of mathematics and his remarkable insights, despite his limited formal education.
2. **Promoting Mathematical Education:** The day serves as a platform to promote the study and appreciation of mathematics, particularly among students and young mathematicians. It encourages them to explore the world of mathematics and its potential.
3. **Inspiration for Future Mathematicians:** National Mathematics Day inspires and motivates future mathematicians to pursue their passion for mathematics. Ramanujan's life story serves as a source of inspiration, highlighting the possibilities that exist when talent and dedication meet.
4. **Showcasing India's Mathematical Heritage:** It raises awareness of India's rich mathematical heritage and its historical contributions to mathematics. India has a long tradition of mathematical excellence, and National Mathematics Day underscores this legacy.
5. **Promoting Research and Innovation:** The day encourages research and innovation in mathematics. It provides a platform for mathematicians to present their work, share insights, and collaborate with peers, contributing to advancements in the field.
6. **Educational Initiatives:** On National Mathematics Day, educational institutions and organizations often organize seminars, workshops, and mathematical competitions to engage students and promote mathematical learning.
7. **Global Recognition:** Srinivasa Ramanujan's legacy extends far beyond India's borders. National Mathematics Day has gained recognition globally, emphasizing the global significance of his work and the field of mathematics.
8. **Fostering a Love for Mathematics:** It fosters a love for mathematics and encourages individuals of all ages to appreciate the beauty and relevance of mathematics in various aspects of life.

Prominent Mathematicians of India

India has a rich history of producing prominent mathematicians who have made significant contributions to the field of mathematics. Here are some of the most notable mathematicians from India:

1. **Srinivasa Ramanujan (1887-1920):** Srinivasa Ramanujan is perhaps the most famous Indian mathematician. His extraordinary contributions to number theory, infinite series, and modular forms continue to inspire mathematicians worldwide.
2. **C.R. Rao (1920-2021):** C.R. Rao was a renowned statistician who made significant advancements in statistical theory and methodology. His work had a profound impact on various fields, including agriculture, economics, and social sciences.
3. **Harish-Chandra (1923-1983):** Harish-Chandra was a distinguished mathematician known for his work in representation theory, particularly in the context of Lie algebras and Lie groups. His contributions have applications in physics and quantum mechanics.
4. **Aryabhata (476-550):** Aryabhata, an ancient Indian mathematician and astronomer, is known for his seminal work, *Aryabhatiya*. His contributions to mathematics include pioneering work in algebra, trigonometry, and astronomy.
5. **S. Ramanujan Aiyangar (1879-1920):** Often confused with Srinivasa Ramanujan, S. Ramanujan Aiyangar was another notable mathematician who made contributions to elliptic functions and modular forms.
6. **Shakuntala Devi (1929-2013):** Shakuntala Devi was renowned as the “Human Computer” for her exceptional mental calculation skills. She gained international recognition for her ability to perform complex mathematical calculations mentally.
7. **M. S. Narasimhan (1940-present):** M.S. Narasimhan is a prominent mathematician known for his work in algebraic geometry and differential geometry. He has made significant contributions to the theory of vector bundles.
8. **Manjul Bhargava (1974-present):** Manjul Bhargava is a Fields Medal-winning mathematician recognized for his work in number theory. His research has applications in algebraic geometry and cryptography.
9. **S. R. Srinivasa Varadhan (1940-present):** Srinivasa Varadhan is a mathematician who received the Abel Prize for his contributions to probability theory and stochastic processes. His work has applications in physics and finance.
10. **K. S. Chandrasekharan (1920-2017):** K. S. Chandrasekharan was a distinguished mathematician known for his work in number theory and modular forms. He made significant contributions to the theory of modular functions.

These mathematicians have made India proud through their exceptional contributions to mathematics, statistics, and related fields. Their work continues to influence and inspire current and future generations of mathematicians both in India and worldwide.







Conclusion

Mathematics Day in India is a day of celebration and inspiration, honoring the legacy of Srinivasa Ramanujan and the boundless world of mathematics. It encourages us to embrace the beauty and significance of mathematics in our lives and the remarkable achievements of individuals like Ramanujan who have pushed the boundaries of human knowledge.

Thank
You