HINDI MAHAVIDYALAYA
(ARTS, COMMERCE, SCIENCE & PG CENTRE)
(Autonomous & NAAC RE-ACCREDITED)

PROFORMA FOR THE ACTIVITY REPORTS

Enclosures: Circular/Notice/Photographs/List of Students with signatures / Feedbacks (If any)

Department	Department of Mathematics
Topic	**Sir Srinivasa Ramanujan " The Man Who knew Infinity" on his Birth Anniversary National Mathematics Day (22 December)**
Resource Person	Topics: Srinivasa Ramanujan Biography, Phi Chart Explanation, Ramanujan Number, Infinite Series , Partition Formula Presented by Students
Name (s) of the Teachers(s) involved	Smt. G.Srivani Smt. T. Ramadevi Sri. M.Sudhakar Sri. T. Thirupathaiah
No. of Students	83
Date	22-12-2022
Objectives	The student will able to : 1. The celebration of National Mathematics Day in India aims to highlight the importance of mathematics in various fields and to encourage students to pursue careers in mathematics and related fields. 2. It is also a way to pay tribute to the contributions of Ramanujan and other great mathematicians from India and to recognize their contributions to the development of mathematics. 3. By honoring the contributions of mathematicians like Ramanujan, it is hoped that more people will be inspired to study and research mathematics and that the field will continue to grow and thrive in India and around the world. 4. To review contents of the mathematics courses to see connections and interrelationships in their individual curricula; 2. To stimulate mathematical thinking through problem-solving; 3. To help students recognize overarching themes and recurring concepts in mathematical content; 4. To encourage thinking about philosophical issues of mathematics and the intellectual and social position of mathematicians; 5. To review methodological content on the teaching and learning of mathematics; 6. To help students recognize the social and cultural role of mathematics education in the modern world; 7. To provide pre-service mathematics teachers opportunities to engage in activities directly related to future responsibilities as instructional decision makers in the classroom (such as designing curricular and assessment activities) 8. To guide pre-service teachers in seeing their role in the community of mathematics educators and associated benefits and responsibilities of this role;

	9. Through student performance in class, in written assignments, and on a survey questionnaire, to give the Department of Mathematics evidence to assist in assessing the degree program in mathematics education.
Report	Students explained about 1. Student (P Nagaraju) explained about Ramanujan Biography. 2. Student (M Depthipriya) explained about Pie chart explanation. 3. Student(T Balakrishna) explained about speciality of Ramanujan - Hardly number 1729. 4. Student (B Meghana) explained about Ramanujan Infinite Series in various fields in different researches. 5. Student(K. Jahnavi) explained about Ramanujan Partition formulas.
Outcomes	A set of possible learning outcomes for a Topics Srinivasa Ramanujan Biography, Phi Chart Explanation, Ramanujan Number, Infinite Series , Partition Formula Presented by Students 1. In conclusion Ramanujan has been compared to significant names including some of the masters of mathematics such as Newton and Einstein. His intelligence led him to move away from a poor town in India into Cambridge where he became a famous mathematician taking into account his health issues. 2. Ramanujan's discovered many areas of mathematics but he is probably most famous for his contributions to number theories and infinite series among the fascinating formulas that can be used to calculate digits of Pi unusually. We can learn from Ramanujan's life concentration, dedication will allow you to be the best. 3. Indian mathematician Srinivasa Ramanujan made contributions to the theory of numbers, including pioneering discoveries of the properties of the partition function. His papers were published in English and European journals, and in 1918 he was elected to the Royal Society of London. 4. Srinivasa Ramanujan first discovered that the partition function has nontrivial patterns in modular arithmetic, now known as Ramanujan's congruences. For instance, whenever the decimal representation of n ends in the digit 4 or 9, the number of partitions of n will be divisible by 5. 5. 1729, the Hardy-Ramanujan Number, is the smallest number which can be expressed as the sum of two different cubes in two different ways. 1729 is the sum of the cubes of 10 and 9 - cube of 10 is 1000 and cube of 9 is 729; adding the two numbers results in 1729. 6. For those of you who are unfamiliar with this series, which has come to be known as the Ramanujan Summation after a famous Indian mathematician named Srinivasa Ramanujan, it states that if you add all the natural numbers, that is 1, 2, 3, 4, and so on, all the way to infinity, you will find that it is equal to -1/12.

HINDI MAHAVIDYALAYA

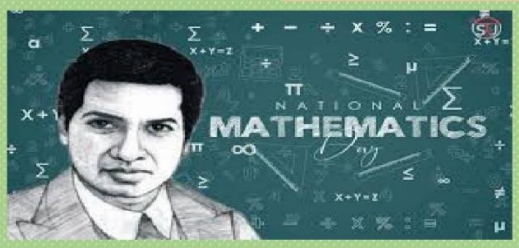
(AUTONOMOUS & NAAC RE-ACCREDITED)

Arts, Commerce, Science and P.G. Centre

Affiliated to Osmania University

Nallakunta, Hyderabad –500044.

Department of Mathematics Welcomes you To



Sir Srinivasa Ramanujan

" The Man Who knew Infinity"

on his Birth Annivesary

National Mathematics Day

(22 December)

Date: 22 - 12 - 2022
Time: 10.30 am

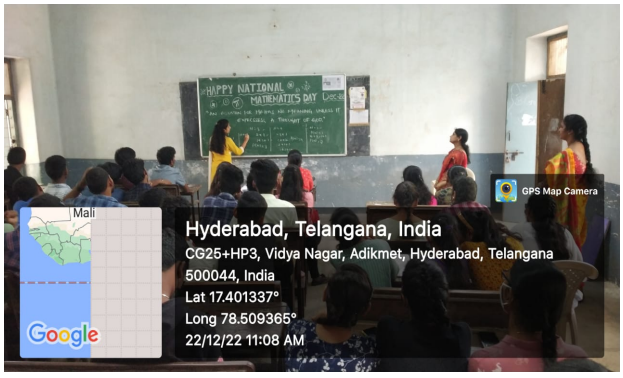
Topics on Srinivasa Ramanujan Biography, Phi Chart Explanation, Ramanujan Number, Infinite Series , Partition Formula Presented by Students

Dr. avinash Jaiswal
Principal

Dr. B. Sridevi
Vice - Principal

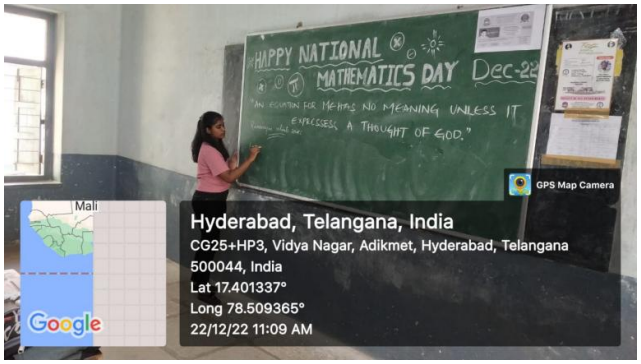
Smt. Ashwini Sanpurkar
Vice-Principal

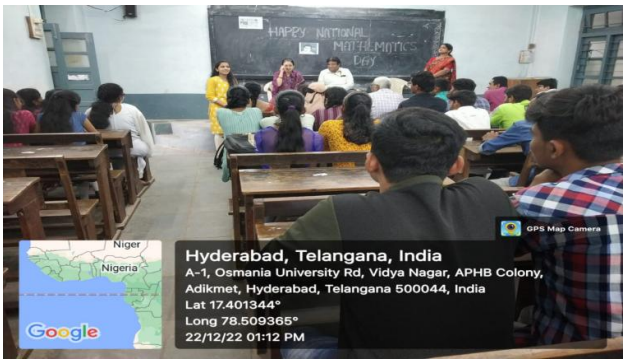
Department of Mathematics
Faculty Members
Smt . G. Sreevani
Smt. T. Ramadevi
Sri. M. Sudhakar
Sri. T. Thirupathaiah



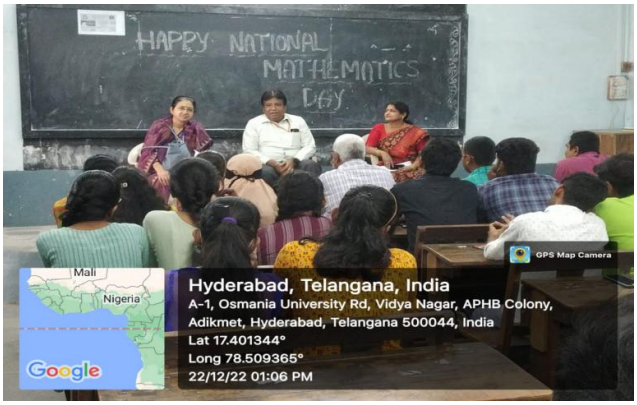

GPS Map Camera
Mali
Google
Hyderabad, Telangana, India
CG25+HP3, Vidya Nagar, Adikmet, Hyderabad, Telangana 500044, India
Lat 17.401337°
Long 78.509365°
22/12/22 10:56 AM


GPS Map Camera
Mali
Google
Hyderabad, Telangana, India
CG25+HP3, Vidya Nagar, Adikmet, Hyderabad, Telangana 500044, India
Lat 17.401337°
Long 78.509365°
22/12/22 10:50 AM


HAPPY NATIONAL
MATHEMATICS DAY
GPS Map Camera
Mali
Google
Hyderabad, Telangana, India
CG25+HP3, Vidya Nagar, Adikmet, Hyderabad, Telangana 500044, India
Lat 17.401337°
Long 78.509365°
22/12/22 11:09 AM


GPS Map Camera
Niger
Nigeria
Google
Hyderabad, Telangana, India
A-1, Osmania University Rd, Vidya Nagar, APHB Colony, Adikmet, Hyderabad, Telangana 500044, India
Lat 17.401344°
Long 78.509365°
22/12/22 01:12 PM


GPS Map Camera
Nigeria
Google
Hyderabad, Telangana, India
A-1, Osmania University Rd, Vidya Nagar, APHB Colony, Adikmet, Hyderabad, Telangana 500044, India
Lat 17.401344°
Long 78.509365°
22/12/22 01:16 PM


HAPPY NATIONAL
MATHEMATICS
DAY
GPS Map Camera
Mali
Nigeria
Google
Hyderabad, Telangana, India
A-1, Osmania University Rd, Vidya Nagar, APHB Colony, Adikmet, Hyderabad, Telangana 500044, India
Lat 17.401344°
Long 78.509365°
22/12/22 01:06 PM