



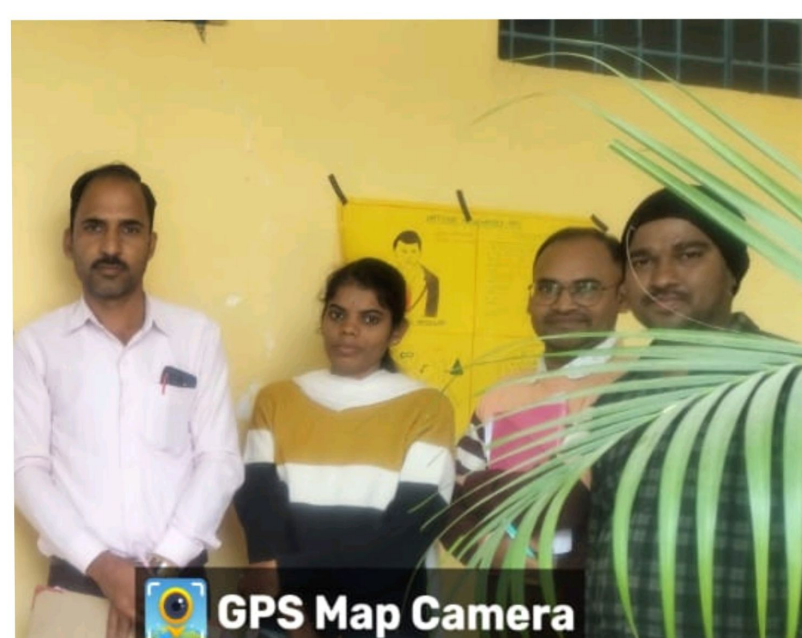
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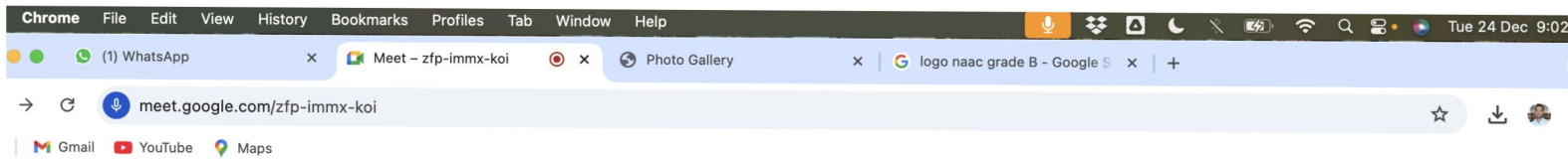























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















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	Dharmendra Sahu	✓	1
	Durga Nishad	✓	1
	Gajka Chandrakar	✓	2
	Goladi Sahu	LD	2
	Goladi Sahu	✓	1
	Harish Dahive	✓	1
	Hemraj Patel	✓	2
	Hukun Nirmalkar	✓	2
	Indrani Sonkar	✓	1
	Ishu Dewangan	✓	1
	Ishu Yadav	✓	2
	Jasmara Dewangan	✓	2
	Kalyani Sahu	✓	1
	Karan Tandon	✓	1
	Lakshmasi Sahu	✓	2
	Lalita Sahu	✓	2
	Madhuri Bhaskar	✓	1
	Mayank Chandrawanshi	✓	1
	Nita Swati	✓	2
	Mukesh Sahu	✓	2
	Nandini Sahu	✓	1

	Dharmraj Patel	✓	1
	Dharmraj Sahu	✓	1
	Durga Nishad	✓	1
	Gajka Chandrakar	✓	1
	Goladi Sahu	LD	1
	Goladi Sahu	✓	1
	Gopi Chandrakar	✓	1
	Harish Dahive	✓	1
	Hemraj Patel	✓	1
	Himanshu Sahu	✓	1
	Hukun Nirmalkar	✓	1
	Indrani Sonkar	✓	1
	Ishu Dewangan	✓	1
	Ishu Yadav	✓	1
	Ishwari Chattervedi	✓	1
	Jasmara Dewangan	✓	1
	Kalyani Sahu	✓	1
	Karan Tandon	✓	1
	Kavita Nishad	✓	1
	Kishore	✓	1
	Lakshmasi Sahu	✓	1

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THE FAMOUS STORY AND FACTS ABOUT RAMANUJAN:-

His notebooks, Ramanujan wrote down 17 ways to represent $1/\pi$ as an infinite series. These representations have been known for centuries. For example, the Gregory-Leibniz series, 7th century is $\pi/4 = 1 - 1/4 + 1/4 - 1/7 + \dots$. However, this series converges extremely slowly. It takes more than 600 terms to settle down at 3.14, let alone the rest of the number. Ramanujan came up with something much more elaborate that got to $1/\pi$ faster. $1/\pi = 103 + 659832/24591257856 + \dots$. This series gets you to a 141592 after the first correct digits per term thereafter. This series was used in 1985 to calculate π to more than 10 billion digits. It was even though it hadn't yet been proven.

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OTHER CONTRIBUTIONS:-

Arithmetic Series and Continued Fractions, He was compared with Euler and the partition of integers. And Circle method plays Important Role in Rademacher Result. He produced Congruences for Partition Functions Which is known as Ramanujan's Relation Between Series and Integrals. Brilliant results, some of his theorems on primes were Completely Wrong. His results proved after his Death and many are still Remains Unproved. For Ramanujan constant. Ramanujan Constant. Ramanujan Identities. Ramanujan's Theorem.

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ashok chandra

Bhanu Pandwa

Damin Chandra

Hemraj Patel

58 others

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NUMBERS: Ramanujan continued to develop his mathematical work on to pose problems and solve problems in the Journal of the Indian Society. He developed relations between elliptic modular equations. His publication of a brilliant research paper on Bernoulli numbers. In the Journal of the Indian Mathematical Society he gained recognition for his lack of a university education, he was becoming well known in India as a mathematical genius.

THESES: Ramanujan Invented a Technique for assigning a value to divergent series. Although the Ramanujan summation of a divergent series is not in the traditional sense, It Has Properties that makes it mathematically study of divergent infinite series, for which conventional summation is famous Example are

$$1+2+3+\dots = -1/12$$
$$1-1+1-1+\dots = 1/2$$

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CONTRIBUTION IN MATHEMATICS:-

THEORY: The modern theory of numbers is most difficult branch of mathematics. It has many unsolved problems. Says Elementary analysis of highly composite numbers is most remarkable and early Ramanujan's great mastery over algebra of Inequalities.

NUMBER: Ramanujan's dissertation was on Highly composite numbers and consisted of papers published in England. Ramanujan gives us the result for HIGHLY COMPOSITE numbers. These numbers behaves opposite of prime numbers. Like every prime number have 2 divisors, while A highly Composite number has more divisor's than Preceding number. 6 has 4 divisors 1,2,3,6 but 12 has 5 divisors 1,2,3,4,6,12.

THEOREM EXTENSION: Goldbach's theorem which state that "every even number can be written as the sum of two prime number". Ramanujan also gives us the result that every integer can be written as the sum of at most four primes.

Example:- $1000 = 3 + 997$

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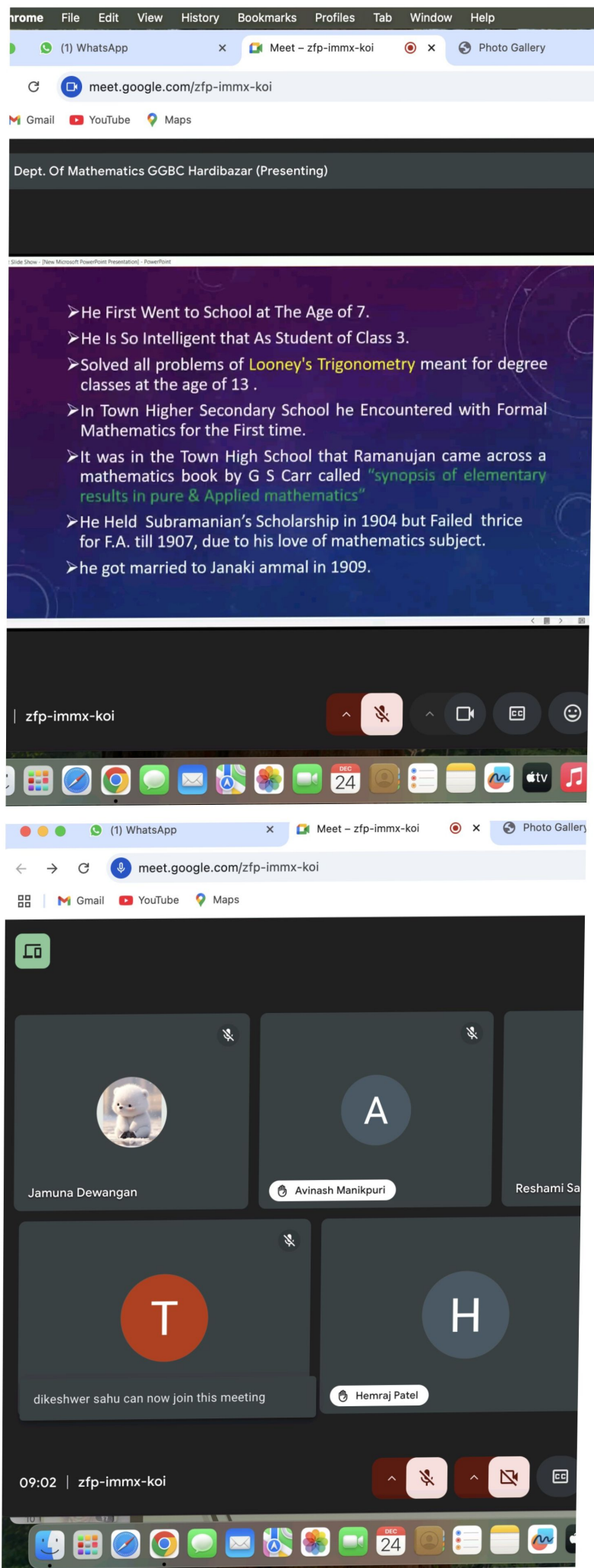
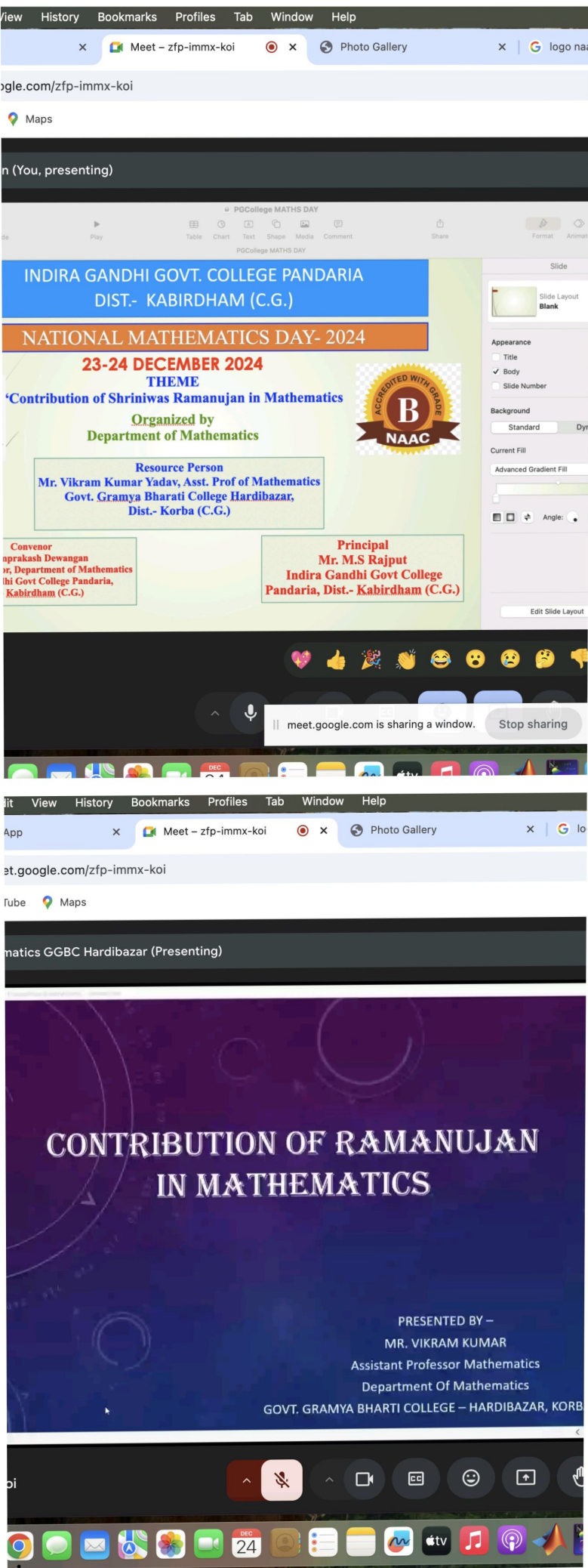
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Hemraj Patel

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of Clerk recommended by founder member of the mathematical society Ramchandra rao. His first formal work in "Journal of Indian Mathematical Society". At 23, wrote a long article on some properties of "Highly Composite Numbers". He was recommended by E W Hobson and H F baker but neither replied. He had correspondence with Prof. J.H. Hardy. Attached 120 letters to the first letter. University of madras did give Ramanujan a scholarship in two years. Prof. Hardy brought him to Trinity college Cambridge.





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A

S

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Sunita

Harish

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Aakash



Avinash



Vinod



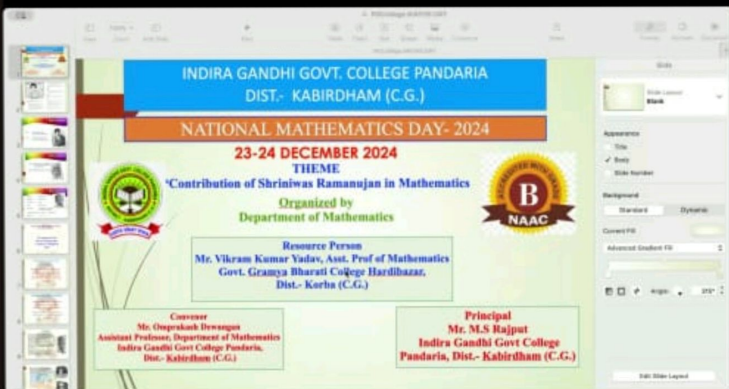
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Vandna



Alfiya



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Dept. Of Mathematics C.G...

Dharmjeet Patle

47 others

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Mathematical Facts About Ramanujan:-

note down 17 ways to represent $1/\pi$ as an infinite series for centuries. For example, the Gregory-Leibniz series, $1/\pi = 1/7 + \dots$. However, this series converges extremely slowly at 3.14, let alone the rest of the number. We elaborate that got to $1/\pi$ faster: $1/\pi = 1/7 + \dots$. This series gets you to 3.141592 after the first term. This series was used in 1985 to calculate pi to more than 100 billion digits.

mathematical ability that went from 0 to 100. He put himself to the test, was at 80. Ramanujan was 100. When he was behind three notebooks and a sheaf of papers (the thousands of results that are still inspiring mathematical



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A



S

Sunita



H

Harish

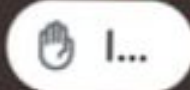


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53 others

