



HINDI MAHAVIDYALAYA
(ARTS, COMMERCE, SCIENCE & PG CENTRE)
(Autonomous & NAAC RE-ACCREDITED)
PROFORMA FOR THE ACTIVITY REPORTS
(Extension lecture/Guest lecture/Workshop)

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

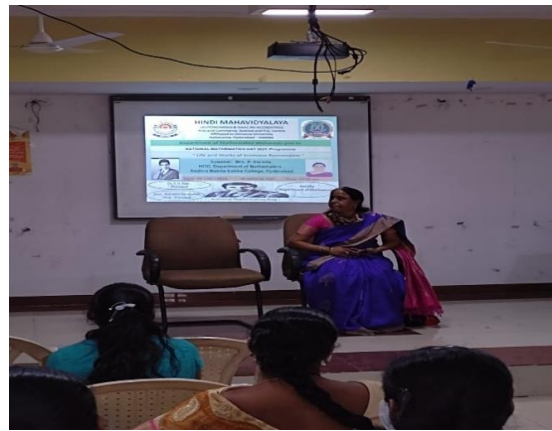
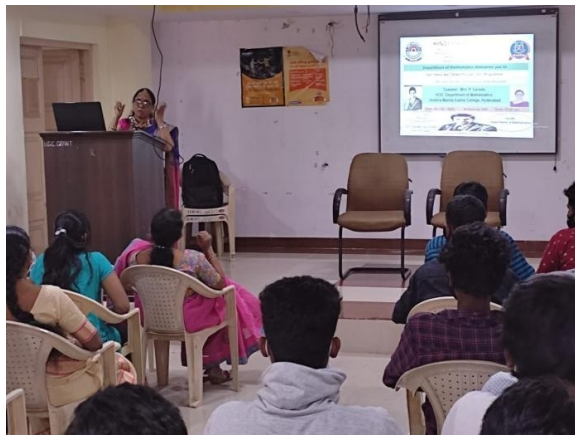
Department	Department of Mathematics
Extension Activity on Occasion of National Mathematics Day Dec 2021	Life and Works of Srinivasa Ramanujan
Resource Person	Mrs. P. Sarada HOD, Department of Mathematics, Andhra Mahila Sabha College , Hyderabad.
Name (s) of the Teachers(s) involved	Smt. G.Srivani Smt. T. Ramadevi Sri. M.Sudhakar Sri. T. Thirupathaiiah
No. of Students	54
Date	18/12/2021
Objectives	The student will able to : 1. Introduce Ramanujan's life and straggles , he under went in order to achieve what he did. 2. Create awareness and develop love and compassion for maths. 3. Enhance creatives of students. 4. Promote development of mathematics talents through quizzes , competitions etc.. 5. Eradicate phobia and fear against mathematics among children and adults.
Report	1. She explained briefly life history of Srinivasa Ramanujan, the mathematical genius, came to be recognized only posthumously for his incredible contribution to the world of Mathematics. Leaving this world at the young age of 32, Srinivasa Ramanujan (1887-1920) contributed a great deal to mathematics that only a few could overtake in their lifetime. 2. She explained 1729 is known as the Hardy - Ramanujan's number. It is the sum of the cubes of two numbers 10 and 9. For instance, 1729 results from adding 1000 (the cube of 10) and 1729 (the cube of 9). This is the smallest number that can be expressed in two different ways as it is the sum of these two cubes. Interestingly, 1729 is a natural number following 1728 and preceding 1730. 3. She explained about Magic Squares, Ramanujan's Puzzles, Fibonacci numbers etc.. . 4. She explained on Ramanujan's research work like elliptic function, Riemann zeta function and so on.+
Outcomes	After this extension lecture, students should be understand to: 1. Students worked out the Riemann's series the

elliptic integrals, hyper geometric series.

2. Students found a value for the sum of such series using a technique invented that come to be called Ramunoton Summation

3. Ramanujan's contributions to mathematics world in various fields.

4. Students will be discovering new ideas to solve many challenging mathematical problems.





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(AUTONOMOUS & NAAC RE-ACCREDITED)
Arts and Commerce, Science and P.G. Centre
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Department of Mathematics Welcomes you to

NATIONAL MATHEMATICS DAY 2021 Programme

“ Life and Works of Srinivasa Ramanujam ”



Speaker: Mrs. P. Sarada,
HOD, Department of Mathematics ,
Andhra Mahila Sabha College, Hyderabad



Date: 18 – 12 – 2021

At Seminar Hall

Time: 10.00 am

Dr. Y. V. Rao ,
Principal

Smt. Ashwini Sanpurkar
Vice - Principal



Faculty
Department of Mathematics

National Mathematics Day

