दिल्ली विश्िविद्यालय महात्मा हंसराज मार्ग, मलकार्ंज, दिल्ली -110007

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## HANSRAJ COLLEGE

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#### NAAC ACCREDITED 'A++' GRADE COLLEGE

### 2024-2025

Name of the Event: Ramanujanotsav

**Organised by:** Pi: Department of Mathematics

Date of the Event: 22<sup>nd</sup> December 2024

**Duration/Event Timing:** 12PM to 2PM

**Venue of the Event:** Online (Via Zoom)

Name of Coordinator(s): Dr. Manisha Saini

Name of Convener: Dr. Ram Pratap

### **Event Description (About 250 Words)**

On the occasion of Ramanujan Day, as a part of the Mathematics Department's flagship event "Anantam," the department hosted an engaging speaker session to honor the legendary Indian mathematician, Srinivasa Ramanujan. Held on 22nd December 2024, the event also coincided with the birth anniversary of Ramanujan. This year, we were privileged to welcome Dr. Krishnan Rajkumar, Assistant Professor at Jawaharlal Nehru University, New Delhi, as the keynote speaker.

Dr. Rajkumar, an accomplished academic and researcher, presented a webinar on the topic: "Continued Fractions from Ramanujan's Notebooks and the Work of Madhava." Having a thesis on Analytic Number Theory in his PhD and possessing an enduring interest and teaching experience in the same, he was all we could have anticipated for! The lecture brilliantly elucidated the historical and mathematical contributions of Ramanujan and the pioneering Indian mathematician Madhava of Sangamagrama. The session attracted mathematics enthusiasts, students, and faculty alike, who were deeply inspired by the blend of mathematical history and advanced concepts.

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#### Highlights of Dr. Rajkumar's profile include:

- MSc from IIT Kanpur and PhD from the Institute of Mathematical Sciences, Chennai.
- Research expertise and interests include Analytic Number Theory, Cryptography, and Machine Learning, Applied Probability and Statistics among various others.
- Have taught rigorous courses in subjects related to Statistics, Data Analytics, Cryptography, Data Science etc.
- Merited with highly esteemed awards such as Junior and Senior Research Fellowship from IMSC, Indian National Mathematics Olympiad etc.
- Publications under scholarly publications like the Journal of Number Theory, Journal of Approximation Theory, conference papers and such.
- Have an abundance of experience in fields such as teaching (as an Assistant Professor at Jawahar Lal Nehru University currently, at Shiv Nadar University in the past) and software (as a software engineer in Infosys Technologies Limited).

The session ended with an interactive rapid-fire round, where students actively engaged with Dr. Rajkumar, posing questions on mathematical principles and their modern applications. Overall, this intellectually stimulating session celebrated the brilliance of Indian mathematics and Ramanujan's unparalleled contributions.

## **Short Caption (About 30 Words)**

Celebrating the genius of Srinivasa Ramanujan on his birth anniversary, the Mathematics Department of Hansraj College hosted an enlightening session 'Ramanujanotsav' with Dr. Krishnan Rajkumar, exploring 'Continued Fractions from Ramanujan's Notebooks and the Work of Madhava.' A day of deep insights, historical reflections, and engaging discussions on the rich legacy of Indian mathematics.

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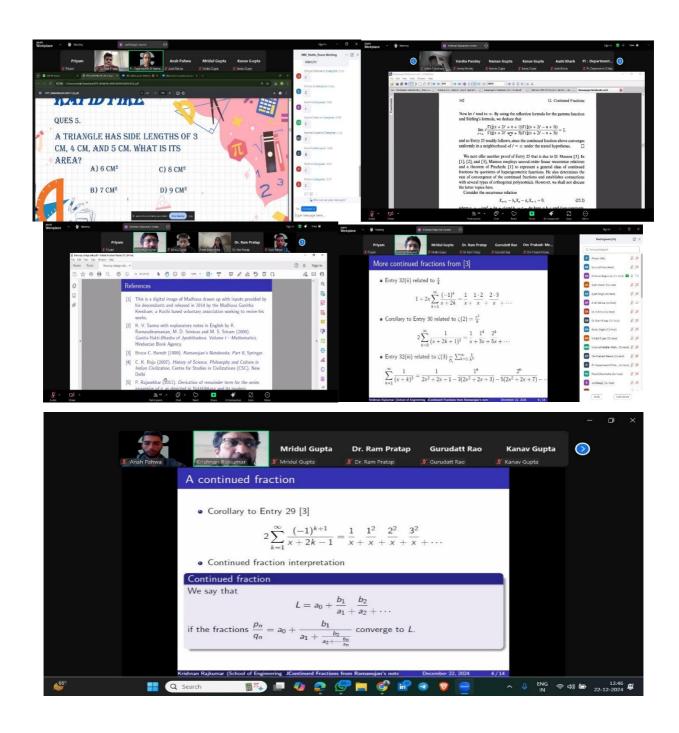


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### NAAC ACCREDITED 'A++' GRADE COLLEGE

**Attach Attendance Sheet: NA** 

### Instructions need to be followed strictly for booking:

- 1. Poster uploading (Two days before the event)
- 2. Report of the event (250 words in Hindi and English)
  - 3. Short caption report for social media (30 words)
- 4. Photograph of the event (2-4 photo maximum with Geo Tag)

Note: If any of the above instructions are not followed, no further bookings will be given to that society, student, or convener in the future.