

Symposium in Mathematics

National Mathematics Day



December 22, 2022
School of Physical Sciences
Jawaharlal Nehru University, New Delhi 110067



9:30-10:00

Prof Kedar Singh - Welcome address

Prof Riddhi Shah - Introduction to Symposium and Math program at SPS

Prof Santishree D. Pandit (*Chief Guest - VC, JNU*) - Inaugural address

10:00-10:30 Morning Tea

Morning Session: Ramanujan and Modern Mathematics

10:30-11:10	Prof Gaurav Bhatnagar , Ashoka University, Sonapat, Haryana	How to discover and prove Ramanujan's ${}_1\psi_1$ sum
11:15-11:45	Dr Shiv Prakash Patel , IIT Delhi, New Delhi	A restriction problem for Metaplectic groups
11:50-12:30	Prof Anuradha Sharma , IIIT Delhi, New Delhi	Enumeration Formulae for Self dual, Self-orthogonal and LCD Codes over Finite Commutative Chain Rings
12:35-12:55	Ms Deepika Sharma , PhD Scholar, SPS, JNU	Value of Interior Angle between intermediate C^* -subalgebras
12:55-13:15	Ms Shashi Chaurasia MSc student, SPS, JNU	Aa new Ramanujan type formula for $L(2k+1, \chi_1)$
13:20-14:20	Lunch at SPS	

Afternoon Session: Applied and Ancient Indian Mathematics

14:30-15:20	Prof Milan Stehlik , Dept of Applied Stat, Johannes Kepler University, Linz, Austria	On the legacy of Ramanujan to the theory of partition (online)
15:20-16:00	Prof Deepa Sinha , Dept of Math, SAU, New Delhi	Application of Sign Graphs
16:00-16:10	Tea Break	
16:10-16:50	Prof Jagdish Chand Bansal , Dept of Math, SAU, New Delhi	History of Mathematics in India
16:50-17:30	Prof Anurag Singh , Dept of CSE, NIT Delhi	Spectral Graph Theory

17:30-18:30 **Valedictory Session and High tea**

Organizers:

Prof Riddhi Shah, Dr Amala Bhave, Dr Ved Prakash Gupta,
Dr Manoj Verma, Dr Rajkumar Krishnan, Dr Gajendra P. Singh

Venue: Seminar Room, First Floor, SPS, JNU