



Defence Research and
Development Organisation (DRDO)

in collaboration with

Department of Mathematics
Hansraj College, University of Delhi
organizing



NATIONAL WORKSHOP

ON
ADVANCED MATHEMATICS IN
LATTICE BASED CRYPTOGRAPHY
FEBRUARY 18-20, 2026

OFFLINE MODE | LIMITED SEATS | NO REGISTRATION FEE

DRDO

The Defence Research and Development Organisation (DRDO) is India's premier agency responsible for research and development in defence technologies. Established in 1958 under the Ministry of Defence, DRDO works towards achieving self-reliance in critical defence systems. It develops advanced technologies in areas such as missiles, aircraft, electronic warfare, radar systems, cybersecurity, and information security, playing a vital role in strengthening India's national security.

Last date to register:
February 12, 2026

Selection notification:
February 14, 2026

Accommodation:

Accommodation will be provided to the outstation participants only on sharing basis in DRDO Guest House

***Participants will not be entitled to any TA/DA.**

HANSRAJ COLLEGE



**SCAN
OR
REGISTER HERE**

Hansraj College, a flagship institution of Delhi University, is renowned for its academic excellence, consistently ranking among the top five colleges. The faculty and students excel in academics, sports, and cultural pursuits. With a dedicated faculty and accomplished alumni making their mark worldwide, Hansraj College continues to thrive as a hub of excellence. Alumni of Hansraj College have gone on to achieve success in varied professions globally, earning accolades and pride for their alma mater.

WORKSHOP

This workshop focuses on Lattice-Based Post-Quantum Cryptography, a cutting-edge field designed to secure information against future quantum computing attacks. The program will introduce participants to the fundamentals of post-quantum threats, lattice-based cryptographic techniques, and their applications in secure communication systems. The workshop aims to enhance awareness and technical understanding of next-generation cryptographic solutions essential for long-term information security.

DEPARTMENT OF MATHEMATICS

The Department of Mathematics at Hansraj College is a vibrant academic community renowned for excellence, leadership, and dynamic faculty-student engagement. Founded on a strong legacy, it inspires graduates to excel in various fields, including research, statistics, and professional services. The faculty members actively engage in pioneering research across diverse mathematical disciplines, ensuring a rich academic experience for students.

TOPICS TO BE COVERED

- Mathematical Concepts of Lattice Based Cryptography
- Lattice Based Hard Problems
- Lattice Based Crypto Primitives: Key Encapsulation Mechanism
- Lattice Based Digital Signatures
- Implementation based attacks: Quantum and AI
- Lattice Based Cryptography: Deployment and Use Cases
- Lattice Based Cryptography Standardization and Migration Plan

ORGANIZING TEAM

Chief Patron

Dr. S. K. Pal

DRDO

Delhi

Patron

Prof.(Dr.) Rama

Principal

Hansraj College

Convenors

Dr. Manisha Saini

Dr. Ashima

Dr. Brij Mohan

Sh. Sourav Gupta

Sh. Ajay Kumar Meena

Prof. (Dr.) Arvind

Dr. Mukund Madhav Mishra

Sh. Satya Jeet Singh

Dr. S.K. Singh

Sh. Mohit Nigam

Sh. Sunil Kumar

Dr. Gaurav Mittal

Sh. Sandeep Kumar

Coordinators

ORGANIZING MEMBERS

Dr. Harjeet Arora	Prof. (Dr.) Preeti Dharmarha
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Prof.(Dr.) Jyoti Bhola	Mr. Ajeet Singh
Mr. Gurudatt Rao Ambedkar	Dr. Raksha Verma
Dr. Ram Pravesh Prasad	Mr. Kapil Kumar
Dr. Ram Pratap	Dr. K.R. Meena
Dr. O.P. Meena	Dr. Sundar Lal
Sh. P. P. Singh, Sc 'D'	Sh. Kunal Kihsore, Sc 'C'
Sh. Yogesh K. Gupta, Sc 'B'	Sh. Avinash Choubey, Sc 'B'
Ms. Kanchan Bhagtani, Sc 'B'	Ms. Arushi Singh, Sc 'B'
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