NATIONAL CONFERENCE

On

Recent Developments in Mathematics

(NCRDM-22)

26th-27th December 2022

Sponsored By

Haryana State Council of Science & Technology

to commemorate 135th Birth Anniversary of

SRINIVASA RAMANUJAN

and to highlight the contributions made by Indian Mathematicians

in post independence era

Organised by:

DEPARTMENT OF MATHEMATICS

Kurukshetra University

Kurukshetra 136119 (Haryana)

About the University

Kurukshetra University, Kurukshetra, is a NAAC accredited 'A+' Grade institute of higher education. Situated on the west bank of Braham Sarovar, the campus of the University is a picturesque landscape spreading over an area of 425 acres. The foundation stone of Kurukshetra University was laid by Dr. Rajendra Prasad, the first President of India on January 11, 1957. The University which was initially a unitary institution with a focus on Sanskrit and Indic Studies, developed into a mega multifaculty institution. There are 10 Faculties comprising 49 Departments/Institutes which, together, run 175 courses. The University has the air-conditioned Jawaharlal Nehru Central Library, with a seating capacity of about 1000 scholars at a time. Entire campus has free access to internet through Wi-Fi internet connection. It provides teachers and students access to books, journals and other e-resources. The University campus has been rated as one of the most beautiful campus in India. The most remarkable feature of the campus is the seamless interconnection between the natural and the built environment.

About the Department

Department of Mathematics came into existence in the year 1961. Prof. S.D. Chopra was the founder Head of the Department. Since then the Department has made a commendable progress in teaching and research in various branches of Mathematics. It has earned National & International recognition in research in the fields of Mechanics of Solids, Elasticity, Theoretical Seismology, Analysis and Algebra. The Department has active groups of researchers consisting of teachers and research scholars in Pure and Applied Mathematics. Students of the Department have got placement at respectable positions in teaching, research and administrative organizations. The Department has organized number of Seminars/ Symposia conferences with the help of funding agencies like UGC, DST and Others. The Department has also organized summer schools. Number of Research projects funded by UGC/CSIR/DST/NBHM has been completed successfully in the department. The Department has been supported by the DST under FIST Scheme. The Department gets special assistance from National Board of Higher Mathematics, TIFR, Mumbai for the purchase of books in support of Departmental Library.

CALL FOR PAPERS

Participants are invited to register and submit the Abstract of their original research paper through the Registration link:
https://forms.gle/3j9x36EDuWXW9paS9

THEMES OF THE CONFERENCE

The broad areas of NCRDM-22 will include, but not limited to the following topics:

- ❖ Algebra
- ❖ Algebraic Coding Theory
- ❖ Algebraic Number Theory
- ❖ Ancient Indian Mathematics
- ❖ Applied Mathematics and Computing
- ❖ Artificial Intelligence
- ❖ Bio-Mathematics and Bio-Statistics
- ❖ Complex Analysis
- ❖ Control and Systems Theory
- ❖ Cryptography
- ❖ Data Science
- ❖ Differential Equations
- ❖ Discrete Mathematics
- ❖ Dynamical Systems and Nonlinear Analysis
- ❖ Elasticity
- ❖ Financial Mathematics
- ❖ Fluid Dynamics
- ❖ Fuzzy Mathematics
- ❖ Graph Theory

- ❖ History of Mathematics
- ❖ Information Theory
- ❖ Integral Equations
- ❖ Mathematical Modeling
- ❖ Mathematical Physics
- ❖ Mechanics of Solids
- ❖ Network Security
- ❖ Number Theory
- ❖ Numerical Analysis
- ❖ Operation Research
- ❖ Operator Theory
- ❖ Optimization Techniques
- ❖ Probability and Statistics
- ❖ Ramanujan's Contributions in Mathematics
- ❖ Real and Functional Analysis
- ❖ Reliability Theory
- ❖ Statistical Methods
- ❖ Theoretical Seismology
- ❖ Topology
- ❖ Vedic Mathematics
- ❖ Wavelet Analysis

IMPORTANT DATES

Registration and Submission of Abstract (MS-Word,12 font size, 1.5 line spacing, Times New Roman font)	23.12.2022

REGISTRATION FEE DETAILS

Category of Participants	Amount
Teachers from Educational Institutions/Researchers from Industry	Rs.1500/-
Research Scholars/Students	Rs.1000/-

- The fee can be paid in cash at the registration counter.
- Accommodation may be provided subject to availability and prior registration and request for accommodation on actual payment basis.

PATRON
Prof. Som Nath Sachdeva
Vice-Chancellor
Kurukshetra University, Kurukshetra

Convener
Prof. Anil Kumar Vashisth
Dean, Faculty of Sciences
Chairman, Department of Mathematics
Kurukshetra University, Kurukshetra

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Dr. Pooja Singhal (87082-79519)	Member, Organising Committee