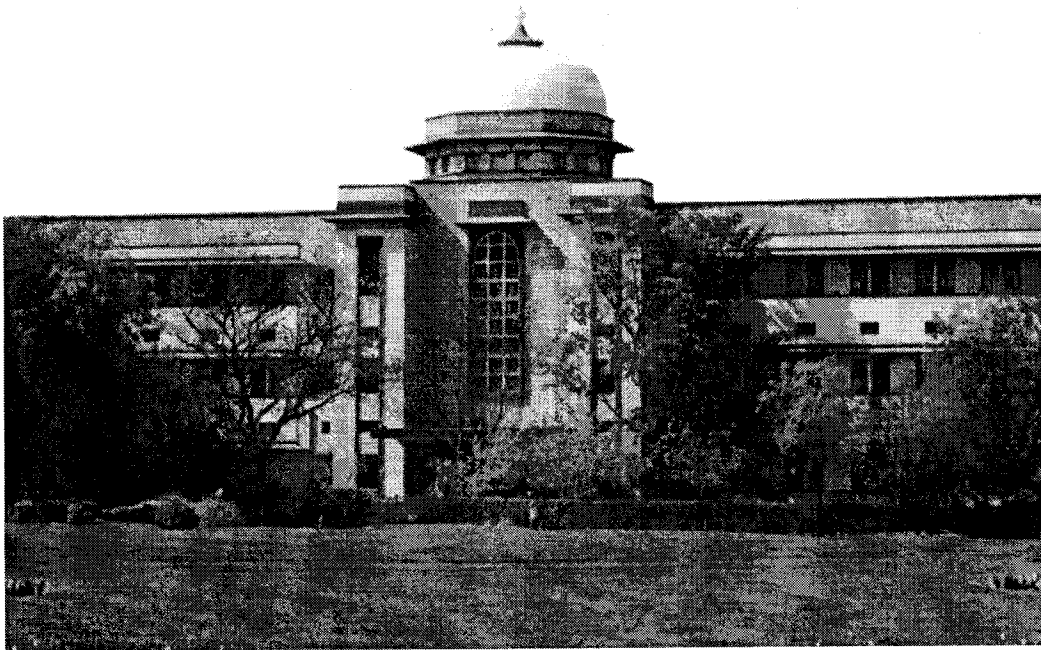


National Conference
on
Intercepting Emerging Domains in Mathematical Sciences
and
22nd Prof. P.D. Verma Memorial Lecture

(NCIEDMS & PDVML-2018)

September 07-08, 2018



Organized by

Department of Mathematics
University of Rajasthan
Jaipur- 302004, India

ABOUT THE UNIVERSITY

In 1947, the University of Rajasthan was established as multi-faculty University. HE the President of India is the Visitor and HE the Governor of Rajasthan is the Chancellor of this University. The University offers several Certificate and Diploma Courses, UG, PG, M.Phil. and Ph.D. Programmes in various disciplines at 37 Departments, 22 Centres and 6 Constituent Colleges besides 750 Affiliated Colleges. The University is accredited A by NAAC (2016-2021). The University provides state-of-the-art research facilities support through UGC- UPE, DST-FIST&PURSE, UGC-SAP Programmes, and research projects funded by UGC, CSIR, DST, DRDO, DBT, BRNS, other agencies and various international collaborations. The central University library and departmental libraries are treasure trove of books and manuscripts.

ABOUT THE DEPARTMENT

The Department of Mathematics, University of Rajasthan established in the year 1960, offers P.G., M.Phil. and Ph.D. Degree programmes. The Department is enriched with a very good NBHM library and well equipped Computer Laboratory set up under FIST program by DST. Recently, Department has been awarded DRS-II under SAP by the UGC for five years from 01.04.2015 to 31.03.2020. The Department has active research programmes in a number of different areas of Pure and Applied Mathematics.

ABOUT JAIPUR CITY

Jaipur, the Pink City founded in 1727 by Astronomer King Maharaja Sawai Jai Singh-II (1693- 1743) is the capital of Rajasthan. Jaipur, a Heritage City blessed with composite culture is known for its pink houses with latticed windows, historic monuments, jewellery and handicrafts. Jaipur is renowned on international tourism map as vertex of Golden Triangle of Indian tourism. It is well connected with the rest of country by rail, road and air. The sites worth visiting are Amer Fort, Jaigarh Fort, Nahargarh Fort, City Palace, Jantar Mantar, Hawa Mahal, Albert Hall Museum, Galtaji to name a few. The city normally experiences pleasant weather during the month of September.

ABOUT THE CONFERENCE AND MEMORIAL LECTURE

Last few decades have witnessed a surge in diversification of research in Mathematics as a study tool and designing tool. The expansion of knowledge is so rapid that one theory unfolds plethora of applications and interfaces in varied disciplines. Historically, if the calculus was harbinger of industrial revolution, then linear algebra, complex analysis, numerical analysis, optimization theory and many more are now on centre stage. For example, Biomedical imaging is a fascinating research area that involves many branches of Mathematics such as inverse problems, PDEs, harmonic analysis, complex analysis, numerical analysis, optimization, image analysis etc. This conference underscore to intercept emerging domains in Mathematics that espouse innovations paving the way for better enlightened world!!

Professor P.D. Verma Memorial Lecture is organized every year in the Department of Mathematics in memory of Late **Professor P.D. Verma**, an eminent scholar in Fluid Dynamics. Prof. Verma established a school of Fluid Dynamics in the Department and served the Department for his life time. Prof. Verma obtained his Ph.D. Degree under supervision of **Professor P.L. Bhatnagar, Padam Bhushan**, IISc. Bangalore. The lecture series in his memory has been a grand success in terms of erudite speakers and audience.

This year, **Professor P. N. Pandey**, Vice-Chancellor, Nehru Gram Bharti (Deemed to be University), Allahabad-221505, India will deliver **22nd Prof. P.D.Verma Memorial Lecture**.

CALL FOR PAPERS

Original unpublished research papers are invited for presentation in the Conference. Abstract (**in MS Word only**) should be neatly typed in 1.5 spacing on A4 size paper restricted to a maximum 500 words be sent to the **Convener/Organizing Secretary** latest by **31.08.2018** through e-mail. Last date of submission of registration form with fee is **03.09.2018**. **Abstracts of research papers received after 31.08.2018 will not be considered for publication in the Souvenir.**

REGISTRATION FEE

Rs. 1000/- for Students/Research Scholars

Rs. 1500/- for others

Rs. 750/- for Life Members of Prof. P.D.Verma Memorial Lecture

NOTE:

- (i) Last date of deposition of registration fee is **03.09.2018**,
- (ii) Local participants have to deposit registration fee by Cash only,
- (iii) Outside participants have to pay registration fee through **“Demand Draft”** in favour of **“Prof.P.D.Verma Memorial Lecture Fund”** payable at **Jaipur**,
- (iv) Invited Speakers are exempted from registration fees.

ACCOMMODATION

Accommodation will be arranged to a limited number of outside participants on first-cum-first served basis on their request with registration fee received to **Convener/Organizing Secretary** on or before **03.09.2018**. Request for accommodation received after **03.09.2018** will not be considered and such participants have to make their own stay arrangements.

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REGISTRATION FORM

NCIEDMS & PDVML-2018 September 07-08, 2018

Name _____ Designation _____

Institution _____

Mailing Address _____

E-mail _____ Mobile _____

I intend to attend National Conference on **Intercepting Emerging Domains in Mathematical Sciences and 22nd Prof. P.D. Verma Memorial Lecture (NCIEDMS & PDVML-2018)**

Presenting a Paper: Yes/No

If yes, title of the paper _____

Abstract of the paper enclosed: Yes/No

Delivering an invited lecture: Yes/No

If yes, title of the lecture _____

No. of accompanying persons _____

Date and time of arrival _____

Registration Fee (including accompanying person, if any) paid by Cash Rs. _____
or through DD No. _____ Dated _____ Amounting
Rs. _____ Bank _____ payable at Jaipur.

Signature