

Department of Mathematics University of Rajasthan, JAIPUR-302 004, 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 1150 Affiliated Colleges. This University accredited A+ by NAAC (2004-2009). 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 University has one of the biggest libraries in India and world class sport facilities.

ABOUT THE DEPARTMENT

The Department of Mathematics, University of Rajasthan was 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 next five years (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, known as the Pink City was founded in 1727 by Astronomer King Maharaja Sawai Jai Singh-II (1693-1743) is the capital of Rajasthan State. 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. The city normally experiences monsoon showers during the months of July-September. 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.

ABOUT THE CONFERENCE

The conference intends to bring together academicians, researchers, scientists and engineers from a variety of disciplines of mathematical, engineering, R & D section of Industries and computational sciences from around the globe to discuss novel theories, techniques and applications of mathematics and computational theories in major areas of physical and bio-sciences, planning and finance, engineering and technology. The conference will be scheduled in keynote lecture followed by memorial lecture, special and contributed sessions. Many scientists from India and abroad have participated in the earlier conferences organized by this department with fruitful contribution to foster scientific and research temperament amongst the young scholars. Topics of interest for submission are the following but not limited to:

Algebra **Analysis Applied Modeling and Simulation** Artificial Intelligence **Bio-fluid Dynamics** Biological Heat Transfer **Bioinformatics Boundary Layer Theory** Calculus Complex Analysis **Computational Fluid Dynamics** Computer Science Cryptography **Differential Equations** Differential Geometry Dynamical Systems, Chaos and Fractals **Electronics and Communication** Environmental Heat transfer Fluid Mechanics Fractional Differential Equations **Functional Analysis Fuzzy Logic** General Topology Geometric Function Theory & Fractional Calculus **Graph Theory**

Heat & Mass Transfer Image Processing and Computer Graphics **Integral Transforms** Linear Algebra Magnetohydrodynamics Mathematical Modelling & Waste Management **Mathematical Statistics** Mechanics of Solids Neural Network Non-linear Dynamics **Numerical Analysis Numerical Techniques** Operations Research & Traffic Control **Perturbation Theory** Ouantitative Methods and Statistical Modeling Flow through Porous Media Real Analysis Relativity and Cosmology Signal Processing **Soft Computing** Special Functions Statistical Methods **Univalent Functions**

PROFESSOR P.D. VERMA MEMORIAL LECTURE

Prof. P.D.Verma Memorial Lecture is organized every year in the Department of Mathematics since 1997 in memory of late Prof. P.D. Verma, who was an eminent scholar in Fluid Dynamics and served the Department for his life time. Prof. Verma obtained his Ph.D. Degree under supervision of Prof. P.L. Bhatnagar, Padam Bhushan, I.I.Sc., Bangalore, India. Prof. Verma established a school of Fluid Dynamics in the Department of Mathematics. Eminent Scholars in the past have delivered Prof. P.D.Verma Memorial Lectures on Fluid Dynamics and allied disciplines of Mathematics. This year; one of the sessions of ICRAMTA-2016 will be dedicated to the 20th Prof. P.D. Verma Memorial Lecture.



CALL FOR PAPERS

Original unpublished research papers are invited for oral/ poster presentation in the Conference. Abstract (**in MS Word only**) should be neatly typed in font size 12, 1.5 spacing on A4 size paper restricted to a maximum 500 words. It must contain the title of paper, name(s) of the author(s) with affiliation(s), name of presenting author must be underlined and email id(s).

REGISTRATION FEE

Category	Registration Fee		
	Upto 31.05.2016	1.06.2016 to 15.06.2016	16.06.2016 to 10.07.2016
Delegates from India and SAARC Countries (Additional ₹ 3000 for each Accompanying Person)	₹3000	₹3500	₹ 4000
Research Scholars/Students from India and SAARC Countries(Additional ₹ 2000 for each Accompanying Person)	₹ 2000	₹2500	₹3000
Delegates from other than SAARC Countries (Additional \$ 150 for each Accompanying Person)	\$ 150 Or equivalent	\$170 Or equivalent	\$190 Or equivalent

Note

- (i) Registration Form and Fee are mandatory for all participants. Inclusion of Abstract/Full Paper in **Abstract Booklet** will only be considered thereafter.
- (ii) Last date of submission of Registration Form with Registration Fee and Abstracts/Full Paper on email **icramta2016@gmail.com** is **15.06.2016**.
- (iii) Abstracts/Full Papers received after **15.06.2016** will not be included in **Abstract Booklet**, but such delegates will be given chance for oral/poster presentation.
- (iv) Paper presentation certificate will be issued only to the presentator
- (v) The Organizing Committee intends to publish proceedings after peer review process of Full Papers presented in the Conference.
- (vi) Delegates registered **upto 15.06.2016** will be provided accommodation (on demand, first-cum-first served basis), conference material (except accompanying person), breakfast, lunch and dinner.
- (vii)Delegates registered **after 15.06.2016** or **on the spot** will be provided breakfast, lunch, dinner, conference material (subject to availability but not to accompanying person) and **they have to make their own stay arrangements.**

PAYMENT PROCEDURE OF REGISTRATION FEE

Registration Fee can be paid in **cash** or through **Demand Draft** in favour of **ICRAMTA-2016** payable at Jaipur or through **online** payment in ICICI Bank, University Campus, Bapu Nagar Jaipur-302004, **SB** A/C No. 674701701172, **IFSC Code:** ICIC0006747, Swift Code No ICICINBBNRI.

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International Conference on Recent Advances in Mathematics and Their Applications (ICRAMTA-2016)

July 10-12, 2016

REGISTRATION FORM

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I intend to attend International	l Conference on Recent	Advances in Mathematic	s and Their
Applications (ICRAMTA-2016).			
Presenting a Paper: Yes	_	No	
If yes, title of the paper:			
Abstract /Full Paper enclosed: Ye	es	No	
Delivering an invited talk: Ye	es	No	
If yes, title of the talk:			
No. of accompanying persons:			
Accommodation required: Yes _		No	
Arrival detail: Date		Train/Flight No	
Departure detail: Date	Time	Train/Flight No	
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through DD No	Amount Rs	,Bank	or
online Amount Rs			
Date		Signature	