



Chief Patron
Dr. Rajan Welukar

Hon'ble Vice Chancellor,
University of Mumbai,
Mumbai

Co-Patron
Dr. Naresh Chandra

Pro-Vice Chancellor,
University of Mumbai,
Mumbai

Chairman
Prof. R. P. Deore

Head, Department of
Mathematics

Convener
Dr. B. S. Desale

Associate Professor
Department of Mathematics

Organizing Secretary
Dr. J. R. Junghare

Associate Professor
Department of Mathematics

National Conference on Differential Equations & Applications (NCDEAA-2014)

February 14-15, 2014

On the eve of National Mathematics Day

Call for Abstracts

On the eve of National mathematics day, the Department of Mathematics at the University of Mumbai is organizing a National Conference on Differential Equations and applications on February 14-15, 2014. Interested academicians, scientists and researchers working in the area of differential equations and applications are invited to submit their abstract for presentation by **November 25, 2013**. The abstract should be about 250 words and submitted in MS-Word/LaTeX format to the conference convener through email: bsdesale@rediffmail.com. The plenary talks and parallel sessions of the conference will focus on the following area of specialization.

Difference Equations, Differential
Geometry, Geometric Analysis,
Dynamical Systems, Fluid Dynamics,
Heat Transfer and Boundary Value
Problem, Integral Differential Equa-
tions, Integral Transforms, Numerical
Analysis, Ordinary and Partial Differ-
ential Equations

Invited Speakers

Prof. Adimurthi (TIFR CAM, Bangalore)
Prof. G. K. Srinivasan (IIT, Mumbai)
Prof. Harish Sheshadri (IISC, Bangalore)
Prof. K. T. Joseph (TIFR CAM, Bangalore)
Prof. S. G. Dani (IIT, Mumbai)
Prof. V. D. Sharma (IIT, Mumbai)

Department of Mathematics, University of Mumbai,
Vidyanagari, Santacruz (East), Mumbai 400098

Academic Committee

Prof. Mangala V. Manohar

Prof. Jyotshana V. Prajapat

Dr. R. M. Pawale

Dr. B. S. Desale

Dr. V. S. Kulkarni

Organizing Committee

Prof. R. P. Deore

Dr. Anuradha Garge

Dr. Madhumita Gangopadhyay

Dr. K. F. Pawar (NMU)

Mr. Mandar Bhanushe (IDOL, MU)

Mr. Kamalakar Surwade

Mr. Shantilal Shendage

Mr. Narendrakumar Dasre (RAIT)

Mr. Deepak Sarve



About the University

The University of Mumbai (known earlier as University of Bombay) is one of the oldest and premier Universities in India. It was established in 1857 consequent upon "Wood's Education Dispatch", and it is one amongst the first three Universities in India. The profile of this University carved out in 155 years of its functioning attests to its manifold achievements as the intellectual and moral powerhouse of the society. The University has always given its best to the country in general and to the city of Mumbai in particular by enthusiastically shouldering an ever-growing load of social values and opportunities.

The University was accorded 5 star status in 2001 & 'A' grade status in April 2012 by the National Assessment and Accreditation Council (NAAC). It has been granted University with Potential for Excellence (UPE) status by UGC and PURSE Scheme by DST. Many of its Departments are recognized under various national programmes, such as UGC-SAP at various levels, DST-FIST, etc. At national level, it has excelled in sports, cultural and out-reach activities.

About the Department of Mathematics

The University Department of Mathematics was started in the year 1963 under the Headship of Professor Shrikhande, an eminent mathematician of India. In the subsequent year, the Department was recognized as the Centre of Advanced Study in Mathematics by the University Grants Commission. The Department continued as the Centre of Advanced Study for the complete term of 25 years up to 1999.

The broad areas of specialization of the faculty are Algebra, Analysis, Combinatorics, Geometry, Number Theory, Differential Equations and Fluid Dynamics. The Department conducts courses for a two year post-graduation M.A./M.Sc. in Mathematics. Also, the department offers M. Phil. by research and Ph. D. programme.

About the Conference

The main objective of this conference is to provide a forum for teachers and researchers in the field of Differential Equations and Applications. The recent development in the area of Ordinary and Partial Differential equations, Numerical Analysis, Fluid Dynamics, Dynamical Systems Differential Geometry, Heat Transfer and Boundary Value Problem, Difference Equations, Integral Differential equations and Special Functions will be discussed. Conference will include invited talks and paper presentation.

For further information visit the

<http://121.241.25.26/conference/conference.html>

Registration fee

Delegates are requested to send their registration form (which can be downloaded from <http://121.241.25.26/conference/conference.html>) along with registration fee by demand draft in favor of "*The Finance & Accounts Officer, University of Mumbai*". Registration fee covers conference kit, refreshment and lunch on February 14-15, 2014.

Delegate from Academics/Institutes: ₹ 2000/-

Research Student/University/ College Student: ₹ 800/-

Foreign Delegates : US \$ 300/-

Completely filled registration form along with demand draft should reach by January 18, 2014.

Accommodation

Limited accommodation is available on the University campus for outstation participants, depending on availability and on first come basis. Charges of on campus accommodations will be as per the University norms and borne by delegates from their own funds. Hotel accommodation can also be booked directly by delegates at **Hotel Accord (02226110560)**, **Hotel Arma Court (02226479505)**, **Hotel Samrat (02226001234)**, **Red Palms Residency (02226053173)**. Other budget hotels are also available in area.

How to reach

Mumbai is the Capital of Maharashtra State and economical capital of India. It is well connected with all corners of India by Air/Train. Chhatrapati Shivaji International Airport /Lokmanya Tilak Kurla Terminus/Dadar Terminus/Bandra Terminus are all within 5 Kilometer from Vidyanagari Campus. BEST buses (Public transportation)/taxi/autorickshaw are available to and fro from Vidyanagari Campus.

Deadlines

		new Extended Deadlines:
Submission of Abstract	November 25, 2013	December 31, 2013
Acceptance of Abstract	December 2, 2013	Acceptance will be communicated from December 2, 2013 to January 10, 2014
Submission of Registration form & fee (No spot registration)	January 18, 2014	Registrations: From December 2, 2013 up to January 18, 2014

For further details contact

Prof. R. P. Deore,
Head,
Department of Mathematics,
University of Mumbai, Mumbai 400098
Email: rpdeore@gmail.com
Office: +91-22-26528871
Mobile No: 09757442503

Dr. B. S. Desale (Convener),
Associate Professor,
Department of Mathematics,
University of Mumbai, Mumbai 400098
Email: bsdesale@rediffmail.com
Office: +91-22-26543562
Mobile No: 09594961378, 09420384832