



# NATIONAL PROGRAMME ON DIFFERENTIAL EQUATIONS THEORY, COMPUTATION & APPLICATION (NPDE-TCA), IIT BOMBAY

(Sponsored by DST)



National Conference on Evolution Equations:  
Theory, Methods & Applications (NCEETMA-2012)

December 7 - 8, 2012

In honour of Prof. V. Raghavendra, who will be superannuating this year

Venue: Department of Mathematics & Statistics, IIT Kanpur

IIT Kanpur will be hosting a National Conference On Evolution Equations: Theory, Methods & Applications (NCEETMA 2012) during 7 - 8 December, 2012 under National Programme on Differential Equations: Theory, Computation & Applications (NPDE-TCA). This conference is also being held in honour of Prof. V. Raghavendra, who will be superannuating this year.

**Motivation & Aim:** Evolution Equations naturally arise in the mathematical description of several real life phenomena. Generally, these mathematical descriptions turn out to be evolutionary differential equations. For analyzing and solving these evolutionary differential equations, researchers across the world are actively involved in developing relevant theory and solution methodologies. Conferences on these topics are certainly one of the desired ways to facilitate the researchers to stay abreast with the recent developments in the theory, methods and applications of the evolution equations. Plenary talks and the invited talks by the experts, working on the frontier topics under the theme of the event, will stimulate and provide new directions to the young researchers. It will also provide a nice opportunity for researchers working in different topics under the theme of evolution equations to share their research findings with fellow researchers and to interact with fellow researchers. Further, it will also provide a platform for the research students and young researchers to get exposed to the research on theory, methods and applications of Evolution Equations and allied topics and to interact with the experts.

#### TENTATIVE LIST OF INVITED SPEAKERS:

Phoolan Prasad (IISc, Bang.), Adimurthy (TIFR, Bang.), A.S. Vasudeva Murthy (TIFR, Bang.), G.D.V. Gowda (TIFR, Bang.), Nandakumaran (IISc, Bang.), P. Veeramani (IITM), S. H. Kulkarni (IITM), Amiya K. Pani (IITB), N. Sukhavanam (IITR), S. B. Aghase (Nanded), Neela Nataraj (IITB), Rajen K. Sinha (IITG), R.K. Pandey (IITKgp), S.G. Deo (Goa University), Vittal Rao (IISc Bang), V. Sree Hari Rao (JNTU, Hyderabad), D.P.Dutta (UNB).

#### ORGANISING COMMITTEE:

Peeyush Chandra (IITK), M.K. Kadalbajoo (IITK), Pravir Dutt (IITK), S. Ghorai (IITK), Malay Banerjee (IITK), K. Sreenadh (IITD), Jagmohan Tyagi (IITGh), Akash Anand (IITK), Amiya K. Pani (IITB), Neela Nataraj (IITB), P. Veeramani (IITM), N. Sukhavanam (IITR), V. Sree Hari Rao (JNTU, Hyderabad).

#### CONVENERS:

B.V. Rathish Kumar and D.Bahuguna (IITK).

#### REGISTRATION FEE:

The registration fees per **student is Rs. 1000.00** & for **faculty, Rs. 2500**. DD should be drawn in the favor of "**EETMA-2012, IIT Kanpur**" payable at the **Union Bank, IIT Kanpur Branch, Kanpur-208016, UP**.

#### PAPER PRESENTATION / PARTICIPATION:

To present a paper or to participate in the conference, fill in the required form which can be downloaded from the website: <http://www.math.iitb.ac.in/~npde-tca> and email to: [eetma.conf@gmail.com](mailto:eetma.conf@gmail.com) together with a 250 word abstract in MS WORD format. Abstract should include a title, name, affiliation cum address and a 250 word summary of the paper. Also send the hard copies together with the DD towards the registration fee by post to the following contact address. This Conference will be preceded by an Advanced Level Workshop on the same theme. Registration fee will be waived for all the participants selected for the workshop that precedes this conference. However, they need to fill in the registration form. Further, the workshop participants also need to send the abstract, if they desire to present a paper in the conference.

#### CONTACT:

**Prof. B. V. Rathish Kumar / Prof. D.Bahuguna (Co-ordinators),**  
National Conference on EETMA-2012,  
Department of Mathematics & Statistics, IIT Kanpur, Kanpur - 208016, UP, India.  
Ph : **0091-512-259 7660/7053/7636**, Fax : **0091-512-259 7500** (Dept. Office).

*Last Date of receipt of application: October 25<sup>th</sup>, 2012*

*List of selected participants will be put on the web page by October 31<sup>st</sup>, 2012*

*This conference will be preceded by a workshop on the similar theme.*