

*Whether MSc student/Research scholar/
PDF/Faculty member: _____

University/Institute: _____

Provide a short write up (up to 100 words)
in a separate sheet as to Why you wish to
attend the workshop?

Date:

Place: _____ Signature

Recommendation by Supervisor/Head:

*Applicants need to provide their area of
research and also current interest. M. Sc.
student should provide their attested
mark sheets of previous semesters.

ADDRESS FOR CORRESPONDENCE

Send the filled registration form to :

Dr. A. K. Misra,
Department of Mathematics,
Faculty of Science,
Banaras Hindu University,
Varanasi-221 005, U.P., India.

Phone : +919450640474
0542-6703112

Email : drakmisra_bhu@yahoo.com

IMPORTANT DATES

Closing date of receiving applications
15th June, 2013

Intimation to short listed candidates
20th June, 2013

Co-Convener:
Prof. V. Raghavendra,
Professor,
IITB, Bangalore

Convener:
Dr. A. K. Misra,
Associate Professor,
Department of Mathematics,
Faculty of Science,
BHU, Varanasi

ANNOUNCEMENT FOR

Advanced Workshop on Partial Differential Equations: Analysis and Applications PDEAA-2013

JULY, 22 – 31, 2013

Sponsored by
DST-CIMS, BHU, Varanasi



Organised by

**DST-Centre for Interdisciplinary
Mathematical Sciences (CIMS),
&
Department of Mathematics,
Faculty of Science,
Banaras Hindu University,
Varanasi-221 005, U.P., India**

The aim of this workshop is to provide an overview of the basic concepts for the study of elliptic and parabolic PDEs. The numerical and computational aspects of elliptic and parabolic PDEs will also be discussed. Apart from this, some mathematical formulations with PDE will be presented to show the applications in real world phenomena.

The main topics to be covered during this workshop are: Transport Equation, Classical Solutions of Elliptic Equation, Parabolic Equation, Stability Analysis of Parabolic Equation, Numerical Methods for Parabolic PDEs, Solutions of PDEs using MatLab, Applications of PDEs.

There is no registration fee for attending the workshop. All selected candidates will be provided to and fro AC-III tier rail fare by the shortest route and local hospitality.

WHO MAY APPLY

Research scholars and young faculty members, who are pursuing research in the area of PDEs and mathematical modelling or are interested in this area, can apply. Some MSc (final year) students may also apply.

Banaras Hindu University, a central university, is located in Varanasi, Uttar Pradesh. It was established in 1916 by the great visionary and nationalist leader late Pandit Madan Mohan Malviya, and is one of the largest residential universities in Asia. It has 4 institutes and 14 faculties.

The Department of Mathematics has made significant research contributions in the areas of Functional Analysis, Relativity, Mathematical Modelling, Topology, Fluid Mechanics, Fuzzy Mathematics and Geometry, to name a few.

The Centre for Interdisciplinary Mathematical Sciences (CIMS), BHU has been established by the Department of Science and Technology, Govt. of India in November 2007 to promote research and training in all branches of Mathematics, but particularly those of interdisciplinary nature.

EXPECTED SPEAKERS

A K Pani (IIT Mumbai),
B V Ratish Kumar (IIT Kanpur),
G D Veerappa Gowda (TIFR Bangalore),
J B Shukla (BIT Kanpur),
J Chattopadhyay (ISI Kolkata),
Peeyush Chandra (IIT Kanpur),
S Ghorai (IITK),
S Sunder (IIT Chennai),
Vasudeava Murthy (TIFR Bangalore),
V Raghavendra (IIITB Bangalore).

Advanced Workshop on Partial Differential Equations: Analysis and Applications PDEAA-2013

JULY, 22 – 31, 2013

Organised by

**DST- Centre for Interdisciplinary
Mathematical Sciences (CIMS),
&
Department of Mathematics,
Faculty of Science,
Banaras Hindu University,
Varanasi-221 005, U.P., India.**

REGISTRATION FORM

Name: _____

Gender: _____ Age: _____

Address for correspondence: _____

Telephone no: _____

E-mail: _____

Academic qualifications: _____