

**National Conference on
Mathematical Modeling and Computer
Simulation
March 23-25, 2012**

A national level conference on the Mathematical Modeling and Computer Simulation is scheduled at the Department of Applied Mathematics, Institute of Technology, Banaras Hindu University during March 23-25, 2012. The aim of the conference is to organize invited talks and paper presentations by eminent mathematicians, young scientists, technocrats and researchers at a common platform to discuss on current trends in mathematical sciences and the modeling aspects of real life problems concerned to science and society with their solutions. The thrust areas of the conference include, but not limited to:

Mathematical Modeling, Nonlinear Dynamics, Wavelet Analysis, Optimization Technique, Image Processing and Cosmology.

About the Department

The Department of Applied Mathematics, functioning since 1968, caters to the needs of the undergraduate as well as post-graduate students of the Institute and the departmental five year integrated M. Tech course in Mathematics and Computing. The Department has an encouraging record in research work and guidance with more than 200 Ph.D's and over 1600 research publications in the journals of national and international repute. Currently the research areas of the department are: Mathematical modeling and computer simulation, Functional Analysis, Wavelets, Fuzzy Set Theory and Topology, Nonlinear Waves, Elasticity, Fractional Calculus, Relativity, Image Processing etc.

Objective

The objective of the conference is to equip the researchers and academicians from all over the country with the recent advances on the thrust areas of the conference and stimulate them through invited lectures for further work. This would enable the participants to enrich them with the modern theoretical and computational techniques in these and related areas so as to address the current problems of the society.

Call for Papers

Papers of original nature (6 pages double column) are invited for presentation in the Conference. Selected numbers of peer reviewed papers are likely to be published in the Proceedings of the Conference by a **reputed publisher**. The abstract is to be within 250 words in MS-Word format. These should be sent (including soft copy) by February 15, 2012 to:

**Prof. O.P. Singh or Dr. S. Das
Conveners**

Department of Applied Mathematics
Institute of Technology
Banaras Hindu University
Varanasi-221005, India
Cell: 09235774252/09451141269
e-mail: mmcs2012.itbhu@gmail.com

Registration Charge

*Faculty :Rs.2500/- Students : Rs. 1000/-
Industry :Rs.4000/- Accomp. person: Rs.1500/-*

The registration charge to be paid in the form of demand draft favoring "Mathematical Modeling and Computer Simulation" payable at SBI, IT, BHU Branch.

**Registration form
National Conference on
Mathematical Modeling and Computer
Simulation
(MMCS – 2012)
March 23-25, 2012
(To be submitted by 25.02.2012)**

1. Name
2. a) Age b) Sex: M/F
3. Present Position
4. Affiliation
5. Address for correspondence
.....
.....
e-mail:.....
Phone/Mobile.....
6. Area(s) of interest
7. Whether contributing paper: Yes/ No
- If yes title of the paper:
.....
.....
8. Accommodation required: Yes/No.....
9. Details of accompanying person if any
9. Draft No. Amount
- Bank
- 10.a) Date and Time of arrival
.....
- b) Date and Time of departure
.....
- Date.....
- Place Signature of the Applicant

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Vice Chancellor, BHU, Varanasi

Patrons:

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About the city

The holy city of Varanasi is known as the city of temples and learning. It is a place of great historical and cultural importance. This religious capital of India is situated on the bank of the holy river Ganges and is famous for temples of Lord Shiva, Buddha (at Sarnath) and Sankat Mochan etc. Varanasi is the premiere most place of oriental learning also. Simultaneously it is keeping pace with modern advanced knowledge. The city is reputed for silk fabrics, perfumes, artistic brass and copper wares and a variety of handicrafts. This vibrant city with multiple dimensions of knowledge and liberation has a magnetic attraction for people all over the world.

**Route to Varanasi**

The city of Varanasi is well connected by road, rail and air with all the important places of India. Regular flights are there from Varanasi to Delhi, Mumbai, Chennai, Bangalore, Kolkata Khajuraho and Lucknow. The Banaras Hindu University campus is only 10 Km from Varanasi Cant and 20Km from Mughalsarai railway station and 35 Km from the airport.

Accommodation

Accommodation and local hospitality will be provided to the delegates.

Dead Lines

Last date of receipt of abstract	: 15.02.2012
Last date of receipt of full paper	: 25.02.2012
Information about acceptance by	: 01.03.2012
Camera ready paper by	: 10.03.2012

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Organised by

Department of Applied Mathematics
*(Under Special Assistance Program,
UGC)*

Institute of Technology
Banaras Hindu University
Varanasi – 221 005
India