

**National Workshop on
Mathematical Modeling and Computer
Simulation
March 20-21, 2015**

A national workshop on the Mathematical Modeling and Computer Simulation is to be organized by the Teaching-Learning Cell of Indian Institute of Technology (Banaras Hindu University) during March 20-21, 2015. The aim of the workshop is to organize series of lectures by eminent mathematicians, technocrats and computer scientists from reputed institutes at a common platform to deliver and interact on current trends in mathematical modeling and simulation aspects of real life problems concerned to science, technology and society with their solutions.

The Speakers

Prof. Karmeshu, JNU, Delhi (Bhatnagar awardee)
Prof. S. Bhatnagar, IISc., Bangalore
Prof. N. R. Pal, ISI, Kolkata
Prof. B.N.Mandal, ISI, Kolkata
Prof. A. K. Pani, IIT, Mumbai
Prof. D. Bahuguna, IIT, Kanpur
Prof. M. K. Kadalbajoo, IIT, Kanpur

About the T-L Cell, IIT(BHU)

A new cell named 'Teaching-Learning Cell (TLC)' was initiated by the Institute in July 2013 to strengthen the Teaching environment of the Institute & organize several programs to enhance teaching-learning processes at IIT (BHU). It covers all aspects of teaching, pedagogy, laboratory projects, assessment covering the other areas like course delivery, Role in designing courses, e-learning, sharing best practices in teaching by effective teachers, Faculty development programs etc.

Objective

The last few decades have been witnessing a severe metamorphosis of the scenario prevailing in the educational front of the country. Proliferations of the IT industry, globalization and evolution in various factors in Indian economy have had their Impact in shaping the career path and intellectual growth of the young generation. Corporate with its lucrative pay package and global exposure is relentlessly attracting the young, fertile brains and hindering them from trading through avenues like higher education and research, which could have been for more spectacular. This is creating a serious imbalance by impeding true intellectual growth. The objective of the workshop will be to expose the young generation with the newer dimensions in the area of mathematical Modeling. Incorporating various Computer simulation and social application aspects so as to take up various challenges of the present society due to globalization and other factors.

Call for Registration

Participants willing to attend the workshop are requested to submit the completed registration form through proper channel by March 5, 2015 to:

Dr. S. Das / Prof. T. Som

Department of Mathematical Sciences
Indian Institute of Technology (BHU)
Varanasi-221005, India
Cell: 09451141269/09807506555
e-mail: sdas.apm@iitbhu.ac.in

Registration Charge

Faculty : Rs.2000/- ;
Students : Rs. 1000/-;

The registration charge to be paid in the form of demand draft favoring "NWMMCS – 2015" payable at SBI, IIT, BHU, Branch.

Registration form

**National Workshop on
Mathematical Modeling and Computer
Simulation
(NWMMCS – 2015)
March 20-21, 2015
(To be submitted by 05.03.2015)**

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. Draft No. Amount
- Bank
- 8.a) Date and Time of arrival
.....
b) Date and Time of departure
.....
- Date.....
- Place **Signature of the Applicant**

Patron:

Prof. Rajeev Sangal
Director, IIT(BHU), Varanasi

Chairman

Prof. S. Kumar, Coordinator, T-L Cell, IIT(BHU)

Conveners:

Dr. S. Das, Dr. R.S.Singh and Prof. T. Som

Academic Secretaries:

Dr. S. Das and Prof. T. Som

Advisory Committee:

Prof. M.S.Phani Kumar, Michigan State
University, USA

Prof. A. M. Mathai, McGill University, Canada

Prof. Alope Chakrabarti, IISc, Bangalore

Prof. P. Chandra, IIT, Kanpur

Prof. Neeraj Misra IIT, Kanpur

Prof. B.N.Mandal, ISI, Kolkata

Prof. V.D.Sharma, IIT, Bombay

Prof. D. Bahuguna, IIT, Kanpur

Prof. R. K. Upadhyay, ISM, Dhanbad

Organising Committee:

Prof. G.V.S. Sastry, Dean (Academic Affairs), ,
IIT(BHU)

Prof. P. K. Jain, , Dean (R & D), IIT(BHU)

Prof. R. K. Mandal, Dept of Metallurgy, IIT(BHU)

Dr. P. Ghosh, Dept of Mech. Engng., IIT(BHU)

Prof. P. Ahuja, Dept of Chem. Engng., IIT(BHU)

Dr. Rajesh Kumar, Dept of Civil Engng., IIT(BHU)

Prof. R. K. Mishra, Dept of Elec. Engng., IIT(BHU)

Prof. D. Singh, Dept of Elec. Engng., IIT(BHU)

Dr. N. S. Rajput, Dept of Comp. Engng., IIT(BHU)

Dr. S. Raja, Dept of Pharmacy., IIT(BHU)

Dr. N. Sharma, School of Biomed.

Engng., IIT(BHU)

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 registration form :
05.03.2015

Confirmation about participation :
10.03.2015

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Computer Simulation**

(NWMMS – 2015)

March 20-21, 2015



Organised by

**Teaching-Learning Cell
Indian Institute of Technology
(Banaras Hindu University)
Varanasi – 221 005
India**