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Director, IIT(BHU), Varanasi

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Organizing Chair: *Prof. T. Som*

Organizing Co-Chair: *Prof. D R Sahu*

Convener: *Dr. A K Jha*

Organizing Committee:

Prof. L P Singh, Prof. S Mukhopadhyay
Prof. S Das, Prof. S K Pandey, Prof. S K
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Dr. A Banerjee, Dr. D Ghosh, Dr. S Kumar,
Dr. S Lavanya, Dr. Sheela Verma, Dr. Divya
Goyal Dr. Anoop Singh, Dr. Rakesh Arora

Abstract/Paper submission deadlines:

Abstract submission*: 20.10.2022

Full paper submission : 10.11.2022

Acceptance for presentation 15.11.2022

*Abstract submission will be via google form.

About the city

The holy city of Varanasi is known as the city of temples and oriental 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, Khajuraho, Lucknow, Guwahati etc. The Indian Institute of Technology (IIT) campus is only 8 Km from Varanasi Cant. and 20Km from DDU railway station and 35 Km from the airport.

***Best Paper cum Presentation Award** shall be there in the areas of (with at least 4 papers in respective area)
i) Fixed Point Theory/Nonlinear Analysis,
ii) Fractals, iii) Dynamical Systems/Mathematical Modelling iv) Soft Computing/Decision making
Note : Already published/accepted paper in some journals will not be considered for the award.

**2nd International Conference
on
Nonlinear Applied
Analysis and Optimization
and
National Mathematics Day**

**(ICNAAO-2022
& NMD-2022)**

**December 19-22, 2022
(Experts & foreign students on
hybrid mode)**



To be organized by

**Department of Mathematical Sciences
Indian Institute of Technology
(Banaras Hindu University)
Varanasi – 221 005,
INDIA**

The 2nd International Conference on Nonlinear Applied Analysis & Optimization and National Mathematics Day is scheduled at the Dept. of Mathematical Sciences, IIT (Banaras Hindu University), Varanasi during December 19-22, 2022 under the aegis of Indian Institute of Technology (BHU). This course is aimed at providing an opportunity to young researchers to attend talks of International level experts, interact with them during short discussion and present their contributions if accepted.

Objective

The objective of the conference is to motivate and equip the participants with the recent state-of-art of nonlinear analysis, fixed point theory, dynamical systems, optimization, fractals, differential/integral equations and various applications to signal & image processing, soft computing as well as to expose the young talents with the newer dimensions in these areas with their practical approaches to tackle the real life problems in engineering, medical and social sciences & the Ramanujan's Conjectures so that the participants can take up various challenges in future.

Tentative Speakers

Prof. Ravi P Agarwal, USA
Prof. Y J Cho, China
Prof. Oscar Castillo, Mexico
Prof. M A Khamisi, USA
Prof. Akhtar A Khan, USA
Prof. H K Xu, China
Prof. Adrian Petrusel, Romania
Prof. Peter Massopust, TUM, Germany
Prof. Laszlo T Koczy, Hungary
Prof. Karoly Simon, Hungary
Prof. M K Roychowdhury, USA
Prof. Sorin-Mihai Grad, France

Prof. S Ponnusamy, IIT Madras
Prof. B V Rathish Kumar, IIT Kanpur
Prof. V Vetrivel, IIT Madras
Prof. C Nahak, IIT Kharagpur
Dr. Somnath Jha, IIT Kanpur

About the Department

The Department of Mathematical Sciences, IIT (BHU), Varanasi, earlier known as Applied Mathematics has been functioning since 1968, caters to the needs of the UG and PG students of the Institute and the five-year integrated M. Tech course in Mathematics and Computing of the department. The Department has an encouraging record in research work and guidance with more than 300 Ph Ds produced and 100 scholars working and over 2000 research publications in the journals of national and international repute.

Contact details

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Registration Fee with GST:

Student: INR3540, Faculty: INR5900, Industry: INR8850
Foreign student: \$50 Foreign faculty: \$100

Note: The registration fee can be paid online to the account mentioned below :

- i) Name of Account: IIT (BHU)-Main Account (Special Fund)
- ii) Account No. : 32778803937
- iii) Account type : Current
- iv) Beneficiary name: Registrar, IIT (BHU)
- v) Bank name & address: State Bank of India
Institute of Technology, BHU, Varanasi
- vi) Bank address: IIT (BHU), Varanasi-221005
- vii) IFS Code : SBIN0011445
- viii) SWIFT Code : SBININBB125(Foreign delegates)

2nd International Conference on Nonlinear Applied Analysis and Optimization and National Mathematics Day

(ICNAAO-2022 & NMD-2022)

December 19-22, 2022

Registration Form

1. Name (block letter):
2. Designation:
3. Organization:
4. Address:
Contact No.:
- E-mail:
5. Research Area:
6. Presenting a paper: Yes (if accepted) / No
7. Title of the paper:
8. Submission date:

Publication of the accepted paper

The selected contributions and papers (if accepted after peer review) will be published in Special Issue of some journals/Conference Proceedings. The matter is under process.

- Note:**
- i) For all updates kindly see the Conference webpage to be loaded shortly on the Institute website (Seminars & Conferences).
 - ii) The registration fee does not include accommodation charges.
 - iii) Early Registration: 16.11.2022, Late Registration: 01.12.2022, Reg. closes: 12.12.2022-6pm.