MAS 2019

Call for Paper / Young Scientist Award/Symposium

Original/novel contributions are invited from the academicians, researchers and scientists associated with Mathematical Modeling, its analysis and Simulation.

Young Scientist Award: Abstracts/Full Papers are invited from the young researchers/Ph.D. scholars for presentation in YSA-session. Papers in this category must be confined within 06 pages (presentation within 06 slides) in prescribed format/template only.

Symposium: Symposium on the specified topics will be organized in the conference. Topics will be announced later.

Conference Proceeding: Selected papers in extended form will be published as an edited book by a leading publication house.

Abstract/full-length paper should be submitted via Email to: mas2019@iitism.ac.in

Mode of Payment

All the payment of registration fees should be made online to the conference account with the following details:

Name of the Account : IIT (ISM) Special Fund
Account Number : 0986101024892
Name of the Bank : Canara Bank
IFSC : CNRB0000986

Places to Visit

Baidyanath Dham (Jyotirling), Deoghar, 130 km.

Parasnath Jain Temple, Parasnath, 50 km.

Panchet Dam, Panchet, 50 km.

Maithon Dam, Maithon, 45 km.

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9708607865   9471191836

Department of Mathematics and Computing
IIT (ISM) Dhanbad Jharkhand – 826004, (India)
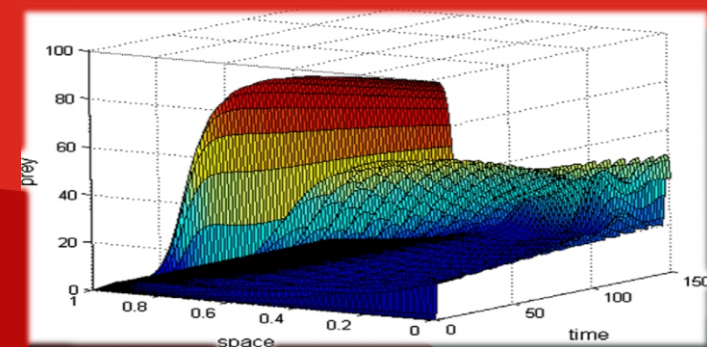Email: mas2019@iitism.ac.in

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National Conference
on
Modeling, Analysis & Simulation
Exploring the Nonlinear world of Mathematics

MAS 2019

December 16-18, 2019

Organized by
Department of Mathematics and Computing
Indian Institute of Technology (ISM), Dhanbad
Jharkhand-826004

Under the aegis of

IAMMS (IIT Kanpur) & SAM, IIT (ISM) Dhanbad

About IIT(ISM) Dhanbad

IIT (ISM) is a fully residential technical institute having all modern amenities located in the mineral-rich belt of India in the city of Dhanbad, Jharkhand. It was established in 1926 on the lines of the Royal School of Mines, London. It offers a host of programmes such as B. Tech, M. Tech, M. Sc.Tech., M.Sc., integrated M. Tech., MBA and Ph.D. The institute admits undergraduate students through the Joint Entrance Examination (IIT-JEE) and post-graduate through JAM/ GATE entrance exam.

About the Department

The Department of Mathematics and Computing provides an outstanding research environment complemented by excellent teaching for its students to flourish in different arena of academics and industry as well. The thrust areas of research in the department are Mechanics of Solids and Fluids, Dynamical System Theory and Chaos modeling, Algebra, Harmonic Analysis, Wavelet Transforms and Topology, Sampling Theory, Software Reliability, Graph Theory and Optimization Techniques. The department offers academic programs leading to the award of M.Sc.(Mathematics and Computing), Integrated M.Tech.(Mathematics and Computing), and Ph.D. degree. The department also supports B. Tech and M.Tech courses of IIT(ISM). The department is executing various sponsored projects received by UGC, CSIR, NBHM, ISRO, DST etc. The department is well recognized by the external funding agencies with SAP-DRS provided by UGC and FIST provided by DST. The Society of Applied Mathematics (SAM) and the Society for Industrial and Applied Mathematics (SIAM) student chapter has been established in the department to promote the academic and research activities especially among the young researchers and students.

About the Conference

The National conference offers a common platform to the researchers/academicians/industry personnel to share their novel ideas, research and developments with profound discussions on the recent advancements in Mathematical Modeling, its Analysis and Simulation. It is aimed to explore the innovative and creative ideas through interactive sessions of the keynote speakers and the participants from the different parts of the country. It is also an effort to motivate the young researchers from the different domain of Mathematics and encourage them by recognizing their contribution with Young Researcher Award.

Conference Themes

The organizing committee of the conference invites Abstract / Full paper from researchers, academicians and scientists on the major areas which includes but not limited to following:
- Mathematical Modelling
- Spatial & Fuzzy Modelling
- Differential Equations
- Numerical Analysis & Simulations
- Chaos Modelling
- Biostatistics
- Optimization Techniques
- Non-linear Programming
- Dynamical Systems
- Nonlinear Analysis
- Sampling Techniques
- Continuum Mechanics

Important Dates

Events	Date
Last date for Abstract submission	31 July 2019
Notification of acceptance of Abstract	15 August 2019
Last date for Full paper submission	30 September 2019
Last date of registration (Early bird)	15 October 2019
Date of Conference	16-18 December 2019

Registration

To register for the conference download the Registration form from conference website (URL: https://www.iitism.ac.in/seminar/math/Modeling-Conference-2019/html/) and send the dully filled registration form along with the payment details (online transaction receipt) of registration fee to the conference e-mail 'mas2019@iitism.ac.in'. The registration for the conference will be confirmed only after receiving the copy of online transaction.

Participants	Early bird Registration (On or before 15.10.2019)	Late Registration (After 15.10.2019)
Research Scholars	Rs. 3000/-	Rs. 4000/-
Faculty Members	Rs. 5000/-	Rs. 6000/-
Industry Personnel	Rs. 6000/-	Rs. 7000/-

Accommodation

Faculty & Industry delegates	Executive Development Centre (EDC), IIT(ISM)
Student delegates	Students Hostel

Accommodation will be arranged for all the registered delegates.