

**INTERNATIONAL MEET ON
'COMPUTATIONAL MATHEMATICS AND APPLICATIONS'
&
52nd ANNUAL CONFERENCE OF
ODISHA MATHEMATICAL SOCIETY (OMS)
(SILVER JUBILEE YEAR, IMA)**



(www.omsonnet.com)

**during
January 11-12, 2025**

Organized by



(www.iomaorissa.ac.in)

**INSTITUTE OF MATHEMATICS AND APPLICATIONS,
ANDHARUA, BHUBANESWAR, ODISHA,
INDIA -751029**



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Associate Professor
Institute of Mathematics and Applications
Bhubaneswar

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About OMS :

The Orissa Mathematical Society (OMS) was founded on 11th September, 1972 (auspicious day of Ganesh Chaturthi) led by the eminent mathematicians Prof. (Dr.) Ramanath Mohanty, (the then Vice Chancellor of Utkal University) & Prof. (Dr.) Shankar Prasad Mishra, (the then HOD, P. G Dept. of Mathematics, Utkal University). It is a registered body bearing Regd. no. 7203/202 of 1973-74 and OMS has been serving for the cause of Mathematics, since then.

As the state name 'Orissa' has been changed to 'Odisha', Orissa Mathematical Society is written as Odisha Mathematical Society. The 1st Annual Conference of OMS was held in the year 1973.

Aim & Objectives of OMS:

To promote and inculcate research in Mathematics.

To render suggestions for curriculum reforms in Mathematics from school to University level.

To organize annual conferences and symposia.

To publish journals periodically on research and teaching of Mathematics (Journal of Orissa Mathematical Society (JOMS) has been published since 1981).

To publish a bilingual periodical (Abhinav Ganita Bichitra) to popularize the subject [The quarterly periodical 'Ganita Bichitra' has been published since December, 1984 and its name has been changed to 'Abhinav Ganita Bichitra' in 2008].

To felicitate persons having outstanding contribution for research and teaching in Mathematics.

The annual conference of the society is organized in different colleges or University Departments of the State upon invitation to the society.

Contact details of OMS:

General Secretary of OMS :

Email : spani@iitbbs.ac.in, 9439349755

Treasurer of OMS :

Email : trailokya.ima@iomaorissa.ac.in, 9777565232/8327777913

Objective of the Conference:

The aim and objectives of the International meet on "Computational Mathematics and Applications" & 52nd Annual Conference of OMS, is to provide an interface for leading researchers and research scholars to exchange and share their experiences and research ideas in the field of Computational Mathematics and Applications. It will also provide a single platform to the persons from academics and industries to carry out some vibrant and brain storming discussions in exchanging each other's views and experiences.

Theme of International Meet:

The theme of the International Meet is taken as “Computational Mathematics and Applications”. Mathematics is studied not only for academic interest but also an important tool for solving almost all real-world problems, which provides the present-day necessities and comforts. The deliberations will help and encourage the participants, students and researchers to pursue their learning in the field of Computational Mathematics and its Applications.

Climate of Bhubaneswar in January 2025 :

Sunrise and Sunset as per Indian Standard Time (IST) :

Date 11th January 2025 : Sunrise Time after 6H/27 MAM
Sunset Time after 5 H/20 M PM

Date 12th January 2025: Sunrise Time after 6H/27 MAM
Sunset Time after 5 H/20 M PM

Temperature variations in January 15-30° C

About Institute of Mathematics and Applications:

The Institute of Mathematics and Applications was established by the Government of Odisha in the year 1999, vide the Resolution of the Government of Odisha, Science and Technology Department letter no. 368-ST-I (SC) – 159/98 dated 31st May 1999 with wide ranging aims and objectives as notified in the Gazette No. 18, July 23, 1999 / SRAVANA, 1, 1921. The Institute has been registered on 28th March 2000 under provision of Registration of Societies Act 1860 with Registration No. 20851 /187 of 1999-2000. In the last several years since its inception, consistent with its aims and objectives, it has been active in searching and nurturing talents in mathematics by organizing training and interactive camps for successful students in various mathematical Olympiad tests. It has engaged itself in exploring the applicability of mathematical ideas in exotic areas of studies besides its engagement in traditional research in various disciplines of mathematics. At present IMA offers three courses namely B. Sc. (H) in Mathematics and Computing, M. A/M. Sc in Mathematics with Computational Finance and M. A/M. Sc in Mathematics with Data Science.

Submission of Research Paper:

Participants interested to present a paper in the conference should submit the abstract of the paper within 200 words indicating important results of the paper. Research workers and students of PG/UG level can submit full papers for presentation for award of prizes and certificates for the best paper as mentioned in the registration form. A souvenir will be published on the occasion. Articles are invited on Mathematics and Allied areas.

Submission of Research Paper for publication in the Proceedings of Conference:

The style of writing of research paper for publication in the proceeding of Conference in the format of Journal of Orissa Mathematical Society (JOMS) as mentioned in the website www.journalofoms.com. The author must have requested for publication in the proceedings of the conference and presented in the conference. It will be published if selected by committee of experts.

- (1) Abstracts/Full Papers for awards and Articles for Souvenir,
- (2) Papers for publication in Proceedings may be sent in the following e-mail: oms52@iomaorissa.ac.in

Accommodation:

Lodging and boarding arrangements for all interested participants will be made on payment basis in hotels outside or hostels within the campus. The delegates are required to inform the organizing secretary 15 days prior to the conference regarding accommodation. Bhubaneswar is well connected by Road/Rail/Air services. The Institute is nearly 07kms from the Bus Station and 15 KM from the Railway Station and Airport.

Travel Expenses:

T.A./D.A. will be paid to some of the invited speakers, chair persons and rapporteur if funds will be available, it may be given partially/fully as per rule.

Important Dates

Last date of receipt of abstracts / papers: **31st December 2024**

Last date of registration: **5th January, 2025**

Spot registration can also be done at the time of the conference.

Registration:

Interested participants may register their names either in advance or at the venue on payment of the fees as follows:

Registration Fees :

- (i) Annual membership fee of OMS: Rs. 300/-
- (ii) Life membership fee of OMS: Rs. 1500/-
- (iii) Registration fee of members from educational institutes: Rs. 500/-
- (iv) Registration fee for member participants from industries: Rs. 1000/-
- (v) Student (member/non-member) Registration fee Rs. 200/- (students who are not getting scholarship/ fellowship but presenting paper) for host institute.

★ In order to register in the Conference, the participants must be a member (Annual/Life) of OMS.

Bank Details :

Registration fee, other fee, any financial support may be deposited in the **Acc. No. 80172010000580** of **CANARA Bank** by NEFT/RTGS. Draft may be sent in favour of **“DIRECTOR, INSTITUTE OF MATHEMATICS & APPLICATIONS, BHUBANESWAR”**, payable at Bhubaneswar, Odisha. **IFSC Code: CNRB0018017.**

Short form of “International Meet on 'Computational Mathematics and Applications' & 52nd Annual Conference of OMS” is : IMCMA

Contact details for Conference :

Dr. Trailokya Panigrahi, Organizing Secretary

Email: oms52@iomaorissa.ac.in

Mob. No.: 9777565232/8327777913

**INTERNATIONAL MEET ON
'COMPUTATIONAL MATHEMATICS
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&
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ODISHA MATHEMATICAL SOCIETY**

REGISTRATION FORM

Date: 11th – 12th January, 2025

1. Name: _____

2. Category of Participant : (attach proof)

Student ☐ Teacher ☐ Industry ☐

3. Designation and Department :

4. Name of the Institute/College/University :

5. Address for Correspondence with pin code:

6. Phone/ Mobile No.: _____

7. E-mail Id: _____

8. OMS Life Membership No. (If you are a member) :

9. Do you want to present a paper : Yes ☐ No ☐

If yes,

(i) Title of the paper: _____

(ii) Category (noted below 1 / 2 / 3) : _____

(iii) Abstract of the paper (attach in a separate sheet).

10. Do you want to publish paper in the proceedings of Conference if selected? : Yes ☐ No ☐

11. Accommodation Needed : Yes ☐ No ☐

(i) Arrival Date: _____

(ii) Details of the Draft / NEFT/ RTGS for Registration :

Date: _____ Signature: _____

Notes:

(I) It is mandatory to provide a copy of ID Proof along with this Registration form.

(ii) It is required to send the filled up registration form in the e mail: oms52@iomaorissa.ac.in

(iii) Persons interested to participate in the paper presentation of the following award categories must mention the category.

Category-1: Professor Ghanashyam Samal best paper presentation award (for UG/ PG/ M. Phil/ M. Tech/ B. Tech students)

Category-2: Professor Ghanashyam Samal best paper presentation award (for Ph. D/ Research Scholar)

Category-3: Professor Tribikram Pati best paper presentation award (for Post-Doctoral Students/ Faculties below 35 years of age as on 10/01/2025 (attach proof)).

For registration and all correspondence about the Conference may be contacted to:

Dr. Trailokya Panigrahi

Organizing Secretary

(International Meet on 'Computational Mathematics and Applications'

& 52nd Annual Conference of OMS)

INSTITUTE OF MATHEMATICS AND APPLICATIONS,

Andharua, Bhubaneswar, Odisha, India -751029

Email : oms52@iomaorissa.ac.in

Mobile No : 9777565232/8327777913

Invited Speakers
(Tentative)

**International Meet on 'Computational Mathematics and Applications' & 52nd Annual
Conference of OMS during January 11-12, 2025**

1. Prof. Ram Narayan Mohapatra
Department of Mathematics, University of Central Florida
P. O. Box 161364, Orlando, FL 32816-1364
2. Prof. Gokulananda Das,
Ex-VC, Utkal University, 177, Dharma Vihar, Khandagiri, Bhubaneswar
3. Prof. Gadadhar Misra,
Department of Mathematics, Indian Institute of Science (IISc.),
Karnataka, India-560094
4. Prof. K.N. Raghavan
Retired Professor in Mathematics
The Institute of Mathematical Sciences
IV Cross Road, CIT Campus, Taramani, Chennai-600113
5. Prof. R. Balasubramanian
Retired Professor, The Institute of Mathematical Sciences,
IV Cross Road, CIT Campus, Taramani, Chennai-600113,
Tamil Nadu, India
6. Prof. Ranjan Kumar Mohanty
PhD, FNASc
Department of Mathematics, South Asian University
Rajpur Road, Maidan Garhi, New Delhi-110068, INDIA
7. Prof. Chandal Nahak
Department of Mathematics, Indian Institute of Technology Kharagpur,
Kharagpur, India - 721 302
8. Prof. Arindama Singh,
Professor at IIT, Madras, Indian Institute of Technology Madras,
Chennia, Tamil Nadu, India


Organizing Secretary
IMCMA & 52nd OMS Conference

9. Prof. Satish Chand
Professor, School of Computer & Systems Sciences,
Jawaharlal Nehru University, New Delhi -110067
10. Prof. G.D. Veerapa Gowda,
TIFR Centre for applicable Mathematics, TIFR, Sharada Nagar,
Chikkabommasandra, PB No. 6503, Bangaluru-560065, India
11. Prof. Trilochan Sahoo,
Ocean Engg and Naval Architecture Professor,
Indian Institute of Technology Kharagpur, West Bengal-721302, India
12. Dr. Rajendra Kumar Jenamani
Scientist, INDIA METEOROLOGICAL DEPARTMENT
G, NWFC and Head RSMC
Mausam Bhawan, Lodhi Road, Email: jenamanirk@gmail.com
New Delhi, India
13. Professor Swadesh Kumar Sahoo
Department of Mathematics, Indian Institute of Technology Indore,
Khandwa Road, Simrol, Indore-453552, India
14. Prof. Subash Chandra Martha
Assistant Professor, Department of Mathematics,
IIT Ropar, Nangal Road, Rupnagar, Punjab-140001
15. Prof. Seshadev Padhi
Birla Institute of Technology,
Department of Mathematics, Birla Institute of Technology
Mesra, Ranchi-835215, India
16. Professor Prasanta Kumar Ray
Department of Mathematics Sambalpur University,
Jyoti Vihar, Burla Sambalpur-758019
17. Prof. Ratikanta Behera
Assistant Professor, Department of Computational and Data Sciences,
Indian Institute of Science, Bangalore, India