

Objective

The aim of this conference is to bring together learned mathematicians, scientists, engineers, researchers from industry and research scholars working in the different areas of mathematics at a common platform. The Conference provides an excellent opportunity to researchers, practitioners and educators to present and discuss the recent innovations in mathematics for potential implementation in sciences and engineering. It focuses on strengthening the existing results along with identifying the practical challenges encountered with respect to various solutions adopted in the fields of Mathematics and its Applications. Moreover, it will provide an opportunity to enhance collaboration among researchers not only from the various parts of the country but also with those from abroad. The scientific program will consist of Keynote/plenary/invited lectures and parallel sessions for contributed presentations. The main emphasis will be on the vibrant implicational aspects of pure and applied mathematics for cultivating contemporary and advanced findings in multidimensional sphere of engineering and sciences. The invited lectures and refereed contributed papers will be published in the proceedings after due reviewing process by the committee of experts in various disciplines.

Call for Paper Presentation

The broad topics of interest include, but are not limited to, the following:

- Algebra and Its Applications
- Analysis and Approximation Theory
- Coding, Cryptography and Information Theory
- Computational Fluid Dynamics
- Continuum Mechanics and Vibrations
- Differential Equations and Applications
- Discrete Mathematical Structures
- Fixed Point Theory
- Fractals, Chaos and Dynamical Systems
- Fuzzy Mathematics and Logic

- Numerical Analysis
- Optimization and Its Applications
- Probability, Statistics and Stochastic Processes
- Wavelets and Applications
- Relativity and Cosmology

Abstract Submission:

Abstracts should be submitted by **15th April 2024** using the abstract submission link available on the conference website. Acceptance notifications for submitted abstracts will be communicated via email by **18th April 2024**.

Please find the abstract submission link:

<https://app.oxfordabstracts.com/stages/61558/submitter>

Technical Sessions:

Technical Sessions include Keynote address, lead lectures followed by oral presentations by researcher and students, specific for every identified themes of the session.

Best Paper Presentation Award:

Best presentation award(s) will be given to student/research scholar participant(s) based on quality of the work and presentation skill.

Registration Link:

<https://docs.google.com/forms/d/e/1FAIpQLScrlwMzNxuWo9IXzM5Kw9MHiiOzQ9zwEcQGtO8aRsqxvyvYXgg/viewform?vc=0&c=0&w=1&flr=0>

Important Dates:

Submission of Abstract: April 15, 2024

Acceptance of Abstract: April, 18, 2024

Submission of Full Length Paper: April 22, 2024

Registration Fee:

A. The following registration fee includes kit, working lunch, tea & snacks on all the two days (with no accommodation)

Participants	Registration Fees
Industry and R&D Organizations	Rs. 2000/-
Academicians/ Scientists	Rs. 1250/-
Research Scholars	Rs. 750/-
Attendee	Rs. 300/-

B. The following registration fee includes kit, breakfast, working lunch, tea & snacks, dinner and shared accommodation, on all the two days

Participants	Registration Fees
Industry and R&D Organizations	Rs. 3500/-
Academicians/ Scientists	Rs. 2000/-
Research Scholars	Rs. 1500/-
Attendee	Rs. 1000/-

Account Details for Payment:

Account Name: Central University of Orissa

Account No. 41720434172

State Bank of India, Sunabeda Branch
IFSC - SBIN0001304

SCAN & PAY



How to Reach:

Air: Nearest air strip is at Jeypore (Odisha), 45 Kms from the University and Nearest International Airport is at Visakhapatnam (Andhra Pradesh) airport (distance from the university is 180 Kms).

Train: Well connected from Vijayanagaram (AP), Visakhapatnam (AP), Bhubaneswar & Kolkata (WB).

Road: NH 26 passes through the District. Buses available from Bhubaneswar, Vijayanagaram (AP), Visakhapatnam (AP)

Nearby Places:



About the University

The Central University of Odisha has been established by the Parliament under the Central Universities Act, 2009 (No. 3C of 2009). It is one of the 15 new Central Universities established by the Government of India during the UGC XI Plan period to address the concerns of "equity and access". The objective is to develop the University with research as its flagship identity to foster, nurture, and inculcate a research culture, to create a skilled workforce that can erase the invariable divide between the rural and urban needs, between the needs of the home and overseas and to develop a knowledge base that brings a holistic balance between indigenous needs and that of global needs.

About the Department

The Department of Mathematics under the School of Basic Sciences and Information Sciences had its humble beginning in the year 2011 and it has made a mark of itself in the state of Odisha as one of the premier Under Graduate and Post Graduate Mathematics Department. The department has faculty members with different specializations. Furthermore, the department invites Professors of national repute to take classes and share their expertise. The department is offering many emerging; research oriented based elective courses in 5-Year Integrated M.Sc. in Mathematics.

Contact Person

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Patron

Prof (Dr.) Chakradhar Tripathi, Vice-Chancellor

Advisory Committee

Prof. (Dr) Narasingha Charan Panda, Registrar & FO

Prof. (Dr.) Sharat Kumar Palita, Dean, SBCNR

Prof. (Dr.) V.C. Jha, Consultant (Administration)

Organizing Committee

Dr. Ashok Kumar Sahoo , Associate Professor & HoD

Dr. Jyotiska Datta, Assistant Professor

Dr. Sarbeswar Barik, Assistant Professor

Sh. Shubham Padhi, Assistant Professor

Mr. Ramesh Ch Mati, Lecturer (on Contract)

Dr. Deepak Rout, Lecturer (on Contract)

Dr. Ananda Biswas, Lecturer (on Contract)

Dr. Mahendra Goray, Guest Faculty (Physics)

Invited Speakers

Prof. Mukut Mani Tripathi,

Department of Mathematics, BHU, Varanasi, UP

Prof. Avanish Kumar,

Institute of Basic Science, Buldelkhand University, Jhansi, UP

Prof. Bhawani Sankar Panda,

Department of Mathematics, IIT Delhi

Prof. Ranjit Kumar Upadhyay,

Department of Mathematics, IIT (ISM), Dhanbad, Jharkhand.

Prof. Prasanta Chatterjee,

Department of Mathematics, Visva-Bharati, Santiniketan, WB

Prof. J.K. Prajapat,

Department of Mathematics, CUR, Kishangarh, Rajasthan.

Prof. A K Mishra,

Former Director, IMA, Bhubaneswar

Prof. G. S. Khadekar,

Department of Mathematics, RTM Nagpur University, Nagpur.

Dr. A K Jha,

Controller of Examinations, Ranchi University, Jharkhand

Two-Day National Conference on Mathematics in 21st Century: Theory & Applications

April 26-27, 2024



Chairman
Dr. Ashok Ku. Sahoo
Associate Professor & HoD

Convener
Dr. Jyotiska Datta
Assistant Professor

Co-Convener
Mr. Shubham Padhi
Assistant Professor

Organizing Secretary
Dr. Sarbeswar Barik
Assistant Professor



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Central University of Odisha
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