

CALL FOR PAPERS

We welcome the submission of original and unpublished research papers from academicians, research scholars, and industry professionals in the following areas (though not restricted to these):

- Ordinary Differential Equations
- Partial differential Equations
- Simulations of Dynamical Systems
- Mathematical Biology
- Control Theory
- Machine & Deep Learning
- Number Theory & Cryptography
- Fractional Order DE
- Graph Theory
- Applied Analysis
- Discrete Mathematics
- Mathematical Statistics
- Optimization Techniques
- Fluid Dynamics
- Computational Fluid Dynamics
- Mathematical Modelling
- Nonlinear Dynamics
- Heat & Mass Transfer
- Neural Networks
- Artificial Intelligence
- Fractal Theory
- Decision Science
- Applied Algebra
- Computer Mathematics
- Financial Mathematics
- Operations Research

PUBLICATION AVENUES

Selected research papers, subject to rigorous peer review, will have the privilege of being published in esteemed journals at **no cost**.

We are currently in communication with several SCI/SCOPUS/UGC-CARE indexed journals for potential inclusion. A list of these journals will be provided in the near future.

REGISTRATION FEE

Participants	Fee
Students	₹ 2000
Faculty Members	₹ 2500
Industry	₹ 3000
Only Participation	₹ 1000
Foreign Delegates	\$100

IMPORTANT DATES

- Last Date for Abstract** : **25 Dec 2023**
Acceptance Notification : **30 Dec 2023**
Last Date for Full Paper : **31 Jan 2024**
Last Date for Registration : **5 Feb 2024**
Conference Dates : **15 & 16 Feb 2024**

ACCOMMODATION

Paid accommodation will be arranged at the University guest house or nearby hotels reachable from the conference venue.

HOW TO REACH

By Air

Nearest airport is Coimbatore (CJB). Bharathiar University is approximately 24 Kilometres from the Airport and the approximate time to reach the Bharathiar University from the airport by car is 45 minutes.

By Train

Coimbatore Junction, also known as Coimbatore Main Junction (station code: CBE), is the primary railway station. Thereafter, anyone can reach the venue by their convenient mode of transport.

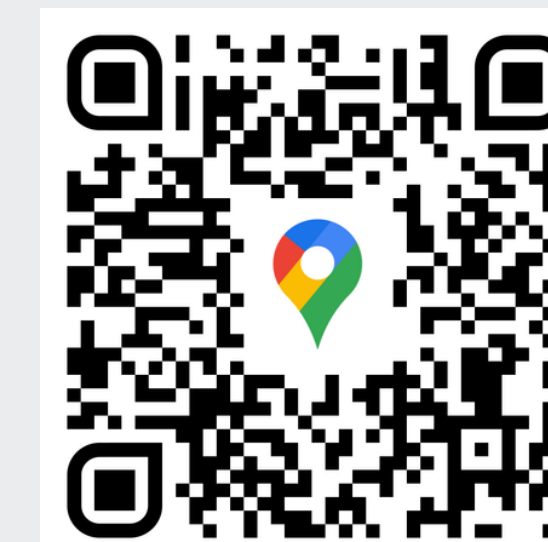


By Bus

Coimbatore has three major bus terminus Coimbatore Central Bus stand, Singanallur Bus Stand and Ukkadam Bus Stand. Local buses numbered 70 are available from these Bus terminus to Bharathiar University Bus Stop.



Bharathiar University,
Maruthamalai Road,
Coimbatore-641 046,
Tamil Nadu, India.
www.b-u.ac.in



- <https://www.icmmsnd.in/>
icmmsnd2024@buc.edu.in



DST-SERB Sponsored
International Conference on
Mathematical Modelling, Simulation
and Nonlinear Dynamics - 2024
(ICMMSND-2024)
15 & 16 February, 2024



Department of Mathematics

ABOUT BHARATHIAR UNIVERSITY

Established in February 1982 under the Bharathiar University Act, 1981, by the Government of Tamil Nadu, Bharathiar University in Coimbatore evolved from the former Postgraduate Center of the University of Madras. Recognized by the University Grants Commission (UGC) in 1985, it boasts 39 departments offering 54 post-graduate programs, along with M.Phil. and Ph.D. programs, serving as an affiliating university for 133 colleges across Coimbatore, Erode, Tirupur, and The Nilgiris districts. The institution has recently earned an 'A++' Grade from the National Assessment and Accreditation Council, aiming to attain world-class status with international recognition. Notably, it ranks in the top 250 in the Times Higher Education Young Universities World Ranking, stands 13th nationally among universities, and 15th in the MoE's National Institute Ranking Framework (NIRF) rankings. In 2021, it secured a ranking between 801-1000 in the Times Higher Education World University Rankings, distinguishing itself as the sole State Arts & Science University to achieve such national recognition.



ABOUT DEPARTMENT OF MATHEMATICS

The Department of Mathematics was established in 1978 as the Department of Applied Mathematics in the erstwhile Post Graduate Centre of University of Madras. Later in 1982 when Bharathiar University was formed by the Government of Tamil Nadu, the Department came under Bharathiar University as the Department of Mathematics. In 2002, our Department gained recognition from UGC as a UGC DRS Centre for Differential Equations & Fluid Dynamics under the Special Assistance Program. It has since advanced to the third stage of UGC (SAP). Recently we received DST FIST programme with Rs. 75 lakhs for developing infrastructure facility of our department for next five years. We offer M.Sc., M.Phil., and Ph.D. programs in Mathematics. Our research activities encompass various fields, including Fluid Dynamics, Differential Equations, Neural Networks, Control Theory, and Fuzzy Mathematics. With six dedicated faculty members across different ranks, the Department benefits



from a yearly library grant of Rs. 6 lakhs from the NBHM, facilitating a substantial collection of foreign books. Our contributions have enabled many full-time Ph.D. scholars to secure Post Doctoral Fellowships abroad.

ABOUT ICMMSND-2024

The Department of Mathematics at Bharathiar University is pleased to announce the International Conference on Mathematical Modelling, Simulation and Nonlinear Dynamics - 2024 (ICMMSND-2024), scheduled for February 15th & 16th, 2024.

Aligned with the University's commitment to fostering a culture of academic excellence, the Department takes the initiative to host seminars, conferences, and workshops aimed at upholding the highest standards in the field of mathematics. The primary goal of this conference is to facilitate the convergence of educators, researchers, and scholars, enabling them to exchange and disseminate their knowledge, experiences, and research findings pertaining to various aspects of mathematical modelling and its diverse applications across different fields. Moreover, ICMMSND will serve as a platform for academics, researchers, and industry professionals to showcase their research outcomes and facilitate the exchange of insights into Mathematical Analysis and Applications.

The conference will feature keynote addresses and invited talks from distinguished speakers worldwide, highlighting the most recent developments in the field. It will also provide a forum for researchers to deliver oral presentations of their work.

ORGANIZING COMMITTEE

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Dr. C. A. Vasuki

Prof. Ajeet Kumar Lal Mohan

Co-Patron

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Convenor

Prof. S. Saravanan

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Organizing Secretary

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Dr. D. Easwaramoorthy, VIT (Vellore), India.
Dr. R. Rajkumar, GRI University, India.

INVITED SPEAKERS

Prof. Maithili Sharan

Indian Institute of Technology, Delhi.

Prof. Girija Jayaraman

Indian Institute of Technology, Delhi.

Prof. P. Kandaswamy

Bharathiar University, India.

Prof. Ivanka Stamova,

University of Texas at San Antonio, USA.

Prof. Chee Peng Lim

Deakin University, Australia.

Prof. Fathalla A. Rihan

UAE University, UAE.

Prof. Lamberto Rondoni

Politecnico di Torino, Italy.

Prof. Ardak Kashkynbayev

Nazarbayev University, Kazakhstan.

Prof. Orsolya Csiszar

Aalen University, Germany.

Prof. G. D. Veerappa Gowda

TIFR CAM, Bangalore.

Prof. G. P. Raja Sekhar

Indian Institute of Technology, Kharagpur

Prof. Natesan Srinivasan

Indian Institute of Technology, Guwahati.

Prof. Sanyasiraju V S S Yedida

Indian Institute of Technology, Chennai.

Prof. Thirupathi Gudi

Indian Institute of Science, Bangalore.

Dr. Balachandran Manavalan

Sungkyunkwan University, South Korea.