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& **Chairman/Head**, Dept. of Mathematics, All Public and Private Universities, Bangladesh.

International Advisory Committee (Not Based on Seniority)

Prof. Dr. Ronald D. Haynes, Chair, Scientific Computing Graduate Programs and
Dept. of Mathematics and Statistics, Memorial University of Newfoundland St. John's, Newfoundland, Canada.
Prof. Dr. Jahrul Alam, Dept. of Mathematics and Statistics, Memorial University of Newfoundland, Canada.
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Prof. Dr. Zhihua Zhang, Dept. of Mathematics, Shandong University, Jinan, China.
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Prof. Dr. Priti Kumar Roy, Dept. of Mathematics, Jadavpur University, India.
Dr. Attila Dénes, Associate professor, Bolyai Institute, University of Szeged, Hungary.
Dr. Kartini Ahmad, Head, Dept. of Science in Engineering, Kuliyah of Engineering, International Islamic University Malaysia (IIUM), Malaysia.

Publication

We have a proposal for Springer Book Proceedings & Journal of Bangladesh Mathematical Society (GANIT). Full length papers presented in 24th International Mathematics Conference 2025 will undergo a peer review process and selected full papers will subsequently be published in Springer Book Proceeding (Scopus Indexed) & GANIT.



Deadlines of paper Submission:

Abstract submission	September 10, 2025
Acceptance notification	September 30, 2025
Full paper submission	October 20, 2025



Paper Submission Link:
<https://24imc.cumathbms.org/paper-submission>



Registration Fee Details

Local Delegates	4000 BDT (Early Bird 3500 BDT)
Local Delegates (For BMS Members)	3500 BDT (Early Bird 3000 BDT)
SAARC Delegates	100 USD (Early Bird 80 USD)
Foreign Delegates	120 USD (Early Bird 100 USD)
Accompanying Person	2000 BDT
Student (Local)	3000 BDT (Early Bird 2500 BDT)
Student (SAARC/Foreign)	100 USD (Early Bird 70 USD)

- Early Bird registration from September 01-30, 2025.
- Last Date of Registration : November 30, 2025.
- For the registration of BMS members, they should mention the BMS identification number.
- The registration fee in general covers participation in the conference events, kit (Bag Including Book of abstract, Proceedings, Pen and Pad etc.), Refreshment, Lunch And Gala Dinner.



Conference Venue

Department of Mathematics
University of Chittagong
Chattogram-4331, Bangladesh

Contact Details

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Conference Chair
24th International Mathematics Conference
&
Chairman, Department of Mathematics
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President
Bangladesh Mathematical Society
&
Professor Dr. Mohammad Babul Hasan
Secretary
Bangladesh Mathematical Society

www.bdmathsociety.org

www.24imc.cumathbms.org



24th

International Mathematics Conference

December 18-19, 2025

Department of Mathematics
University of Chittagong

Mathematics: Bridging Theory and Applications

ANNOUNCEMENT OF CONFERENCE & CALL FOR PAPERS



Organized by

Department of Mathematics
University of Chittagong
Chattogram-4331, Bangladesh.



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Welcome Message

The Department of Mathematics at the University of Chittagong, in collaboration with the Bangladesh Mathematical Society, is pleased to announce the **24th International Mathematics Conference**, scheduled to be held on December 18–19, 2025. The University of Chittagong, one of the prominent public university in Bangladesh, is located in Chattogram and is renowned for its scenic campus nestled among hills and natural greenery. The Department of Mathematics, with its longstanding commitment to academic excellence and research, continues to play a vital role in advancing mathematical sciences both nationally and internationally. The upcoming conference aims to bring together leading researchers, academics, and professionals from around the globe to exchange recent developments in various branches of mathematics. It also intends to inspire young researchers by showcasing emerging and impactful areas of research. The scientific program will consist of plenary lectures, invited talks, and oral presentations delivered by eminent scholars. We cordially invite you to participate in this academic event and contribute to the vibrant discussions and knowledge exchange. We look forward to welcoming you at the Department of Mathematics, University of Chittagong for this exciting conference.

General Information & Objective

The Biennial Mathematics Conference organized by the Bangladesh Mathematical Society is an inclusive event that covers a wide range of topics in Pure and Applied Mathematics. The aim of this conference is to build a dynamic platform for sharing insights, recent breakthroughs and innovative ideas across all areas of mathematics. By uniting researchers, educators and professionals from various countries, the conference aims to advance both theoretical and applied mathematics through high-quality presentations and discussions. It also seeks to promote interdisciplinary connections, highlighting how mathematics plays a vital role in solving complex challenges in science, engineering and technology. With this collaborative effort, the Department of Mathematics at the University of Chittagong and the Bangladesh Mathematical Society aim to strengthen global research ties and make a valuable contribution to the broader mathematical community.

About BMS

In the year 1972, Bangladesh Mathematical Society (BMS) was founded by a group of reputed mathematicians. The prime goal of Bangladesh Mathematical Society is to promote mathematics education in Bangladesh at all levels from school to university. Another goal of BMS is to enhance research work in pure and applied mathematics as well as other mathematical sciences. The society has thus played great role from time to time in formulating standard mathematics curriculum. BMS also organizes various seminars on teaching and education of mathematics occasionally. Besides, Bangladesh Mathematical Society organizes International Conferences in every two years at different university's of Bangladesh on different areas of mathematics.

Scope

The topics of interest will span a wide range, encompassing various areas of research in mathematics and its related fields. While not limited to these, potential areas of interest may include:

- Analysis
- Algebra
- Complex Analysis
- Mathematical Finance & Economics
- Cryptography and Coding Theory
- Graph Theory and Network Analysis
- Rings & Modules
- Geometry and Topology
- Data Science and Machine Learning
- Number Theory
- Fuzzy Mathematics
- Functional Analysis
- Numerical Analysis
- Dynamical System
- Theory of Relativity
- Fluid Mechanics
- Mathematical Biology
- Operations Research
- Probability and Statistics
- Computational Fluid Dynamics
- Relativistic Cosmology
- Optimal Control
- Computational Mathematics
- Mathematical Modelling
- Differential Equations
- Operations Management
- Quantum Mechanics

Department of Mathematics University of Chittagong

The Department of Mathematics at the University of Chittagong (CU), established in 1968, is known for its excellence in teaching and research. It plays a key role in advancing mathematical sciences in Bangladesh and maintains a strong presence within the global academic community. The department is recognized for its dynamic academic environment, with faculty actively engaged in diverse research areas. Regular seminars, workshops, and conferences promote scholarly collaboration and knowledge exchange. It also maintains academic partnerships with institutions both nationally and internationally. A source of great pride for the department is its association with the late Professor Dr. Jamal Nazrul Islam, a distinguished mathematician and physicist who served the department with profound dedication. In recognition of his remarkable contributions to science, mathematics, and education, he was posthumously awarded the prestigious Shadhinota Padak in 2025, the highest civilian honor in Bangladesh. The department offers comprehensive programs at the undergraduate, postgraduate, M.Phil., and Ph.D. levels. Its alumni hold prominent positions in different academia, research institutions, government, and industry worldwide. With a commitment to academic excellence, innovation, and student development, the Department of Mathematics, University of Chittagong continues to contribute to the global advancement of mathematical knowledge.

Tentitive Keynote/Plenary/Invited Speaker

Prof. Dr. Ronald D. Haynes, Chair, Scientific Computing Graduate Programs and Dept. of Mathematics and Statistics, Memorial University of Newfoundland St. John's, Newfoundland, Canada.
Prof. Dr. Jahrul Alam, Dept. of Mathematics and Statistics, Memorial University of Newfoundland, Canada.
Prof. Dr. Mohammad Mansur Rahman, Dept. of Mathematics, College of Science, Sultan Qaboos University, Sultanate of Oman.
Prof. Dr. Kalyan Das, Dept. of Interdisciplinary Sciences, National Institute of Food Technology Entrepreneurship and Management, India.
Prof. František Štěpánek, Head of the Laboratory, University of Chemistry and Technology, Prague, Czech Republic.
Prof. Dr. Priti Kumar Roy, Dept. of Mathematics, Jadavpur University. India.
Dr. Kartini Ahmad, Head, Dept. of Science in Engineering, Kuliyah of Engineering, International Islamic University Malaysia (IIUM), Malaysia.
Prof. Dr. Md. Mamun Molla, Chairman, Dept. of Mathematics, North South University, Dhaka, Bangladesh.
Dr. Mohammad Monir Uddin, Associate Professor, Dept. of Mathematics, North South University, Dhaka, Bangladesh.

Organizing Committee

Chief Patron:

Prof. Dr. Muhammad Yeahia Akhter

Honourable Vice-Chancellor, University of Chittagong, Chattogram, Bangladesh.

Patron:

Prof. Dr. Mohammed Shamim Uddin Khan

Honourable Pro-Vice Chancellor (Academic), University of Chittagong, Chattogram, Bangladesh.

Prof. Dr. Md. Kamal Uddin

Honourable Pro-Vice Chancellor (Administration), University of Chittagong, Chattogram, Bangladesh.

Prof. Dr. Mohammed Al-Amin

Dean, Faculty of Science, University of Chittagong, Chattogram, Bangladesh.

Conference Chair:

Prof. Dr. Mohammad Jalal Ahammad, Chairman, Department of Mathematics, CU, Bangladesh.

Conference Co-Chair:

Prof. Dr. Mohammed Aman Ullah, Department of Mathematics, CU, Bangladesh.

Prof. Dr. Mohammad Forkan, Department of Mathematics, CU, Bangladesh.

Conference Secretary & Treasurer:

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Mr. Rajib Karmaker, Assistant Professor, Department of Mathematics, CU, Bangladesh.

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Mrs. Masuda Akter, Assistant Professor, Department of Mathematics, CU, Bangladesh.

Mrs. Shahrina Akter, Assistant Professor, Department of Mathematics, CU, Bangladesh.

Mr. Md. Mozammel Hoque, Lecturer, Department of Mathematics, CU, Bangladesh.

Scientific Committee

Convener:

Prof. Dr. Mohammed Aman Ullah, Dept.of Mathematics, University of Chittagong, Chattogram, Bangladesh.

Joint Convener:

Prof. Dr. Mohammad Forkan, Dept.of Mathematics, University of Chittagong, Chattogram, Bangladesh.

Member-Secretary:

Prof. Dr. Ujjwal Kumar Deb, Dept. of Mathematics, CUET, Chattogram, Bangladesh.

Member:

Prof. Dr. Mohammad Jalal Ahammad, Dept. of Mathematics, University of Chittagong, Chattogram, Bangladesh.

Prof. Dr. Md. Hossain Ali, Dept. of Applied Mathematics, Rajshahi University, Rajshahi, Bangladesh.

Prof. Dr. Abdul Alim, Dept. of Mathematics, BUET, Dhaka, Bangladesh.

Prof. Dr. Mohammad Babul Hasan, Dept. of Mathematics, University of Dhaka & General Secretary, BMS, Bangladesh.

Prof. Dr. Md. Gulam Ali Hayder Chowdhury, Dept. of Mathematics, SUST, Sylhet, Bangladesh.

Dr. Mohammed Mustafa Rizvi, Institute of Innovation, Science and Sustainability, Federation University Australia, Australia.

Prof. Dr. Md. Haider Ali Biswas, Mathematics Discipline, Khulna University, Khulna, Bangladesh.

Prof. Dr. Md. Sharif Ullah Mozumder, Dept. of Mathematics, University of Dhaka, Dhaka, Bangladesh.

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Dr. Mujibur Rahman Chowdhury, Senior AI Scientist, McKesson CorporationIrving, TX, USA.

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