

## A F Mujibur Rahman-Bangladesh Mathematical Society 3rd National Mathematics Conference 2024



### Bangladesh Mathematical Society

Organized by

Department of Mathematics, BUET

6-7 February, 2025



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Vice-Chancellor, BUET

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Pro-Vice-Chancellor, BUET

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#### CONFERENCE WEBSITE

<https://math.buet.ac.bd/mathconf24/>

#### CORRESPONDENCE

Email: [mathconference2024@gmail.com](mailto:mathconference2024@gmail.com)

Tel.: 02223365603

PABX: +880-2-55666000-2 Ext.6776, 7338

#### Theme

*Mathematics drives innovation in Science,  
Engineering and Technology*

#### VENUE



Department of Mathematics

Bangladesh University of Engineering and Technology  
(BUET), Dhaka-1000, Bangladesh

#### GENERAL INFORMATION

The Mathematics Conference organized by the Bangladesh Mathematical Society is an inclusive event that covers all areas of Pure and Applied Mathematics. This year, the conference is scheduled in February 6-7, 2025, at Department of Mathematics, BUET, Dhaka. Everyone interested in Mathematics and related fields is warmly invited to participate.

#### OBJECTIVES

The objective of the conference is to thoroughly examine and discuss the current state of research and advancements across various domains of Pure and Applied Mathematics. It is expected that the exchange of ideas and experiences, coupled with engaging discussions among experts, researchers, and educators will greatly contribute to paving a clear path toward a constructive and productive future for Mathematics in Bangladesh and beyond.

#### SCOPE

The conference will consist of plenary sessions, contributed papers and posters. Topics of interest include but not limited to:

- Fluid Dynamics
- Operations Research
- Data Science
- Mathematical Physics
- Mathematical Finance
- Computational Mathematics
- Mathematical Modeling

- Numerical Heat Transfer
- Cryptography
- Mathematical and computational Biology
- Machine learning/AI
- Fuzzy Mathematics
- Ring and Module theory
- Graph theory
- Dynamical Systems
- Quantum Mechanics
- Engineering Mathematics
- Algebraic Topology

#### ANNOUNCEMENT & CALL FOR ABSTRACT

Participants wishing to present contributions are requested to submit abstract of their papers. The presentation time for plenary session papers will be 45 minutes and that for contributed papers will be 15 minutes. **The abstract must be submitted to [mathconference2024@gmail.com](mailto:mathconference2024@gmail.com)**

**by December 15, 2024**

#### REGISTRATION

Payment has to be made by EFT (A/C No: 0440433011974, Sonali Bank BUET Branch) / Bkash (+8801517024800, with service charge mentioning Name as reference)

#### REGISTRATION

Professional : Taka 2000/=  
Student : Taka 1000/=

#### IMPORTANT DEADLINES

Submission of Abstract: December 15, 2024  
Notification of Acceptance: December 30, 2024  
Date of Registration: January 15, 2025



#### A F Mujibur Rahman Foundation

(A Charity Dedicated to Education)

A F Mujibur Rahman Foundation was established in 1985 as a charitable trust by the late Mr. Rezaur Rahman FCA, a Founder-Partner of Rahman Rahman Huq, in honor of his late father Mr. A F Mujibur Rahman. The Foundation is engaged in a wide range of charitable activities but its primary focus has so far been the patronage and encouragement of Mathematics education through the 'A F Mujibur Rahman Foundation Gold Medal Award for Excellence in Mathematics'. The foundation also supports the Bangladesh Mathematical Society to organize Biennial National Mathematics Conference and annual National Undergraduate Mathematics Olympiad. In 1920, Mr. Rahman achieved master's degree in mathematics with the highest score in the history of Calcutta University beating the previous record marks. Then he attended University of Oxford and later joined the judicial branch of ICS and served about 22 years in different places of undivided Bengal and Assam including as a district judge of Dhaka (1929-1931). He died on 12 May 1945.