



Assam
DON BOSCO UNIVERSITY

INTERNATIONAL CONFERENCE ON MATHEMATICS AND APPLICATIONS IN SCIENCE, TECHNOLOGY AND SOCIETY (ICMASTS-2024)

ORGANIZED BY DEPARTMENT OF MATHEMATICS
7TH AND 8TH MAY, 2024

ABOUT THE UNIVERSITY

Assam Don Bosco University (ADBU) is a state private, non-profit, co-educational, research university located in the lush greens of the Tapesia Gardens at Kamarkuchi in Sonapur, Assam. The university was founded on March 9, 2008, by the Salesians of Don Bosco (SDB). It is Assam's first-ever state university in the private sector and was set up by the Assam Don Bosco University Act 2009 under the State Private Universities Act 2007 of the Govt. of Assam. The university is recognized by the University Grants Commission (UGC) with 2f and 12B status and accredited with 'A' by the National Assessment and Accreditation (NAAC).

ABOUT THE DEPARTMENT

To enhance instruction in the Engineering and Computer Applications programmes, the department of Mathematics was first established in 2008 as one of the Basic Sciences component departments of the School of Technology at ADBU.

From April 1st, 2018, the department began operating as an independent department within the School of Fundamental and Applied Sciences. The department of Mathematics, with its highly qualified and motivated faculty, offers a PhD programme in Mathematical Sciences, an M.Sc. Programme in Mathematics and B.Sc(H) in Mathematics. Building mathematical abilities like creative, logical and Analytical thinking is a goal of the department, as well as laying a firm foundation for the assimilation of mathematical concepts and structure. Numerous research topics such as number theory, algebra, analysis, graph theory, data science, fluid dynamics, Plasma Dynamics, Dynamical Analysis, Chaos theory etc. demonstrate the department's strong research environment

ABOUT THE CONFERENCE

- To share the recent progress and advances in different areas of Mathematics, and its applications in various fields
- To exchange recent developments and new concepts in the area of mathematics among the researchers.
- To provide a platform for researchers from the same and different fields to meet each other and encourage collaborative work.
- To encourage the fresh researchers to interact with experienced researchers and enrich their knowledge.
- To provide a platform for researchers to present their findings.
- To encourage discussions on the role of mathematics in the modern society.

TOPIC OF THE CONFERENCE INCLUDED (BUT NOT LIMITED TO)

- Algebra
- Applied Analysis
- Control Theory and Applications
- Dynamic Equations on Time Scale
- Dynamical Systems and Fractional Calculus
- Fixed Point Theory and Applications
- Fluid Dynamics and Computational Fluid Dynamics
- Fuzzy Mathematics
- Graph Theory and Combinatorics
- Machine Learning
- Mathematical Physics
- Mathematical Modelling
- Nonlinear Differential Equations
- Nonlinear Algebra
- Number Theory and Cryptography
- Numerical Methods
- Optimization Theory
- Operator Theory
- Soft Computing
- Topology.

INVITED SPEAKERS

- Prof. Anna Maria Spagnuolo, Oakland University, USA.
- Prof. Martin Bohner, Missouri University of Science and Technology, USA .
- Prof. Shihoko Ishii, University of Tokyo, Japan.
- Prof. Stefano Galatolo, University of PISA, Italy.
- Prof. James F Peters, Computational Intelligence Lab, University of Manitoba, Canada.
- Prof. Robin IM Dunbar, Oxford University, UK.

ORGANISING COMMITTEE

Patron:

Fr. (Dr.) Jose Palely, Vice Chancellor, Assam Don Bosco University, India.

ADVISORY COMMITTEE:

Fr. Joseph Nellanatt, Pro Vice Chancellor, Assam Don Bosco University, India.

Fr. (Dr.) Johny Jose, Registrar, Assam Don Bosco University, India.

Fr.(Dr.) Zacharias George, Deputy Registrar, Assam Don Bosco University, India.

Prof. J. N. Viswakarma, Director-Research, Assam Don Bosco University, India.

Prof. Manoranjan Kalita, Director-SOT, Assam Don Bosco University, India.

Dr. Hemen Bharali, Director-SoFAS, Assam Don Bosco University, India.

Dr. Monmayuri Baruah, Director-Interdisciplinary Research, Assam Don Bosco University, India.

Prof. Muhammad Abulaish, Chairperson, Laboratory for Data Science and Analytics, Department of Computer Science, South Asean University(Delhi Campus), India.

Prof. Ajit Kumar, Dept. of Mathematics, Institute of Chemical Technology, Mumbai.

Prof. Avishek Adhikari, Dept. of Mathematics, Presidency University, West Bengal.

CHAIRPERSON:

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Dr. Bikash Borah, HoD, Dept. of Physics, ADBU

Dr. Chabungbam Satyananda Singh, Dept. of Physics, ADBU.

TREASURER:

Rashmita Baruah, Dept. of Mathematics, ADBU

REGISTRATION FEE

Participants (Indian)	Fees
Faculty	Rs. 2000
Research Scholar	Rs. 1000
Master's Student	Rs. 750
Only Participant	Rs. 500
Participants (Out side of India)	USD 70

IMPORTANT DATES

Date of Conference: 7- 8 May, 2024.

Last date of Registration: 30 April 2024.

Last date for Submission of the Abstract: 15 April 2024.

Notification of acceptance of abstract: 21 April 2024.

ABSTRACT/ PAPER SUBMISSION LINK

https://docs.google.com/forms/d/1_UzYTKNwTK5gOtuiA2SAax-KtNYnrdGQErIWN3lYK64/edit



BANK DETAILS

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<https://conferences.dbuniversity.ac.in/icmasts2024>



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