

7th International Conference
on
Frontiers in Industrial and
Applied Mathematics
(FIAM-2024)
November 13-14, 2024



Organized by

Department of Mathematics and Statistics,
Central University of Punjab, Bathinda,
Punjab, India

(NAAC Accredited 'A+' Grade University)

in association with

Department of Mathematics,
North-Eastern Hill University, Shillong,
Meghalaya, India

(NAAC Accredited 'A' Grade University)

Host



ਪੰਜਾਬ ਵੇਂਦਰੀ ਯੂਨੀਵਰਸਿਟੀ/ਪੰਜਾਬ ਕੇਂਦਰੀ ਵਿਸ਼ਵਵਿਦਯਾਲਯ

Central University of Punjab

A Central University established by an Act of Parliament

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About Central University of Punjab

The Central University of Punjab, established in 2009 among a cohort of new Central Universities, swiftly rose to prominence in the academic sphere. Achieving an esteemed 'A+' grade in the 2023 NAAC accreditation cycle and clinching the notable 100th rank in the University category of NIRF the same year is a testament to academic excellence. Housing 31 departments and 11 schools across a spectrum of disciplines, including Sciences, Technology, Education, Humanities, Social Sciences, and Law, CUPB is a hub for comprehensive education and interdisciplinary collaboration.

About North-Eastern Hill University

The North-Eastern Hill University Act (24 of 1973), ratified by both Houses of Parliament, garnered the presidential seal of approval on May 26th, 1973. Enshrined within its provisions are the lofty aims of the University: the dissemination and advancement of knowledge through the provision of instructional and research facilities across diverse learning domains. Additionally, it pledges dedicated efforts towards facilitating the social, economic, and welfare conditions of the residents inhabiting the hilly terrains of the North-eastern region. Noteworthy are its laurels, including an 'A' grade accreditation in the 2017 third NAAC assessment cycle and securing the 80th rank in the prestigious NIRF university rankings for the year 2023.

About the Department of Mathematics and Statistics (CUPB)

The Department of Mathematics and Statistics was established in 2015. The Department offers programs in the areas of mathematics and statistics that lead to the degree of Master of Science and Ph.D. in Mathematics/Statistics as well as a diploma course in Vedic Mathematics.

About the 7th FIAM Conference

Forum for Industrial and Applied Mathematics (FIAM) is a government registered India based international association of academicians,

researchers, and educationalists working in the area of industrial and applied mathematics. FIAM-2024 will be organized in physical mode by the Department of Mathematics and Statistics, Central University of Punjab during November 13-14, 2024.

Conference Objective:

The conference seeks to close the gap between industrial and academic research. This event also aims to concentrate on current developments in mathematical science research by bringing scientists and practitioners together.

Thrust Areas:

Ancient Mathematics	Geometry and Topology
Artificial Intelligence	Image and Signal Processing
Bio-Mathematics	Computational and Theoretical Fluid Dynamics
Bio-Statistics	Mathematical Physics
Boolean Functions and their Generalizations	Modelling and Simulation
Integral Equations	Multimedia Security
Computational Mechanics	Differential Equations and their Applications
Control and Systems Theory	Neural Networks
Cosmology and Celestial Mechanics	Numerical Techniques
Cryptography	Operations Research
Nano Fluid Mechanics	Fractional Differential Equations
Discrete Mathematics	Soft Computing
Dynamical Systems and Nonlinear Analysis	Vedic Mathematics
Probability and Statistics	Wavelet Analysis
Soliton Solutions	
Fuzzy Systems	

Important Dates:

Abstract Submission:	September 20, 2024
Acceptance Notification:	September 30, 2024
Early Bird Registration:	October 07, 2024
Regular Registration:	October 30, 2024

Conference Proceedings:

The selected high-quality papers will be published in Web of Science/ SCOPUS/ peer reviewed journals after the conference as per the journal guidelines. For further details, visit conference Website.

Registration:

Registration is mandatory for each accepted paper. Non-payment of the appropriate registration fee by the author on or before the mentioned deadline will

result in the withdrawal of the corresponding paper from publication in the proceedings.

Note: Those who only want to attend this conference can pay the registration fee directly and fill out the form. While filling out the registration form, put Abstract ID as N/A.

Registration Fees*:

Category		Academician/ Faculty	Research Scholar/ Student
Indian Delegates	Early Bird Registration Before October 07, 2024	₹ 4000	₹ 3000
Foreign Delegates		\$ 150	\$ 125
Indian Delegates	Regular Registration Before October 30, 2024	₹ 5000	₹ 4000
Foreign Delegates		\$ 180	\$ 135
Indian Delegates	On Spot Registration	₹ 6000	₹ 4500
Foreign Delegates		\$ 200	\$ 150

*Life members of FIAM, participants from the Central University of Punjab and North-Eastern Hill University will be given a discount of 25% on the registration fee.

Registration Fees includes conference Kit, lunch and snacks during the conference. Accommodation is provided at additional cost, which will also include breakfast and dinner. Accommodation will be provided from night of November 11, to afternoon of November 14, 2024.



Abstract
Submission



Registration
Form