



ਪੰਜਾਬ ਖੇਤਰੀ ਯੂਨੀਵਰਸਿਟੀ/ਪੰਜਾਬ ਕੇਂਦਰੀ ਵਿਸ਼ਵਵਿਦ્યાਲਯ

Central University of Punjab

A Central University established by an Act of Parliament

पूर्वोत्तर पर्वतीय विश्वविद्यालय

North-Eastern Hill University

A Central University established under the Act of Parliament



Jointly Organising

7<sup>th</sup> International Conference on

Frontiers in Industrial and Applied Mathematics (FIAM-2024)

November 13-14, 2024



### Patron

**Prof. R. P. Tiwari**  
Vice-Chancellor  
Central University of Punjab

**Prof. P. S. Shukla**  
Vice-Chancellor  
North-Eastern Hill University

### General Chairs

**Prof. S. Sundar**  
Director, NIT Mizoram, India

**Prof. A. Atangana**  
UFS, Bloemfontein, South Africa

**Prof. S. K. Tomar**  
Vice-Chancellor, J. C. Bose University

**Prof. K. R. Pardasani**  
President FIAM & Prof. MANIT Bhopal

**Prof. R. Wusirika**  
DIA, CUPB

**Prof. A. K. Chandra**  
Dean, SPS, NEHU

### Invited Speakers

**Prof. George Bluman**  
(UBC Vancouver, Canada)

**Prof. A. Atangana**  
(UFS Bloemfontein, South Africa)

**Prof. Dumitru Baleanu**  
(LAU, Beirut, Lebanon)

**Prof. Ali Akgül**  
(SIIRT Uni., Turkey)

**Prof. E. K. Akgül**  
(SIIRT Uni., Turkey)

**Prof. Valentina E. Balas**  
(Aurel Vlaicu University, Romania)

**Prof. J.F. Gómez-Aguilar**  
(CENIDET, Mexico)

**Prof. Abdul H. Kara**  
(WITS, South Africa)

**Prof. Wen-Xiu Ma**  
(USF, USA)

**Dr. Chaman Verma**  
(ELTE, Hungary)

**Prof. S. Sundar**  
(NIT Mizoram, India)

**Prof. Ravindra S. Kulkarni**  
(CUNY, USA)

**Prof. Sushil Kumar Tomar**  
(J. C. Bose University, India)

**Prof. Kamal R. Pardasani**  
(MANIT Bhopal, India)

**Prof. A. K. Nandakumaran**  
(IISC Bangalore, India)

**Prof. N. Sukavanam**  
(IIT Roorkee, India)

**Prof. Madhu Raka**  
(Panjab University, India)

**Prof. Gurmeet Kaur Bakshi**  
(Panjab University, India)

**Prof. Maheshanad**  
(IIT Roorkee, India)

**Prof. V. Vilfred**  
(CU Kerala, India)

**Prof G.P. Singh**  
(VNIT Nagpur, India)

**Prof. Neeru Adlakha**  
(SVNIT Surat, India)

**Prof. P. K. Sahoo**  
(BITS Hyderabad, India)

**Dr. Sachin Kumar**  
(University of Delhi, India)

**Dr. K. K. V. Dasu**  
(SSSIHL, India)

**Dr. P S Mandal**  
(NIT Patna, India)

**Dr. Ankik Kumar Giri**  
(IIT Roorkee, India)

**Dr. Ram Jiwari**  
(IIT Roorkee, India)

**Dr. Ajay Kumar**  
(IIT Jammu, India)

**Dr. Bapan Ghosh**  
(IIT Indore, India)

**Dr. Sonal Jain**  
(Woxsen University, India)

**Dr. Govindaraj Venkatesan**  
(NIT Puducherry, India)

### Thrust Areas:

Ancient Mathematics

Artificial Intelligence

Bio-Mathematics

Bio-Statistics

Boolean Functions and their

Generalizations

Integral Equations

Computational Mechanics

Control and Systems Theory

Cosmology and Celestial Mechanics

Cryptography

Nano Fluid Mechanics

Discrete Mathematics

Dynamical Systems and Nonlinear

Analysis

Probability and Statistics

Soliton Solutions

Geometry and Topology

Image and Signal Processing

Computational and Theoretical

Fluid Dynamics

Mathematical Physics

Modelling and Simulation

Multimedia Security

Differential Equations and their

Applications

Neural Networks

Numerical Techniques

Operations Research

Fractional Differential Equations

Soft Computing

Vedic Mathematics

Wavelet Analysis

Fuzzy Systems

### Important Dates



Abstract  
Submission



Acceptance  
Notification



Early Bird  
Registration



Regular  
Registration

### 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

### 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 more information regarding conference scan QR code or visit our website: <http://fiam2024.cup.edu.in> or contact us at [fiam2024@cup.edu.in](mailto:fiam2024@cup.edu.in), +91-89686-44973 (Jaskirat Pal Singh)



Venue:

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

Convener:

Dr. Sachin Kumar  
Co-Convener:

Dr. Harmanpreet S. Kapoor