



Institute of Mathematics

University of the Punjab, Lahore

Seminar Series (42)

Enforced from Nov. 2025

Sr. No.	Name	Date	Title of Talk
1.	Prof. Dr. Ghazala Akram		Welcoming Address
2.	Aqsa Farhat	05-11-2025 (Wednesday)	Contribution of Quintessence to the Dynamics of Greybody Factor, & Thermodynamics of a Regular Bardeen Black Hole
3.	Ujala Aftab Khokhar		Compact Star Modeling in $f(T)$ Theory through Gravitational Decoupling
4.	Sidra Qayyum	12-11-2025 (Wednesday)	Investigation of Hybrid Nanofluid Flow over a Stretched Sheet
5.	Iqra Sabir		Dynamics of Self-Gravitating Anisotropic Fluid Solutions in Modified Gravity
6.	Iqra Zareef	19-11-2025 Wednesday	Data-Driven Fuzzy Modeling with CRITIC-EDAS Approach: Optimizing Smart Waste Management
7.	Mehak Batool		Softmax Hamacher Aggregation Operators and LOP-COW-WASPAS Approach: Optimizing Environmental Mitigation Measures
8.	Toqeer Jameel	26-11-2025 (Wednesday)	Data-Driven CRITIC-AROMAN Approach for Thumb-print Recognition and Biometric Verification
9.	Yasir Yasin		Optimizing Environmental Sustainability using Fuzzy Neural Networks



Dr. Zeeshan Yousaf
Coordinator
Institutional Seminar Series

Prof. Dr. Ghazala Akram
Director



Call Us To Know More
042-99231241, Ext. 126

Venue: Seminar Hall, Institute of Mathematics, University of the Punjab, Lahore.

Day & Time: Wednesday, 2:00 pm.



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Sr. No.	Name	Date	Title of Talk
10.	Faisal Hayat	03-12-2025 (Wednesday)	Solitary Wave Solutions and Modulation Instability of Camassa-Holm-nonlinear Schrodinger Equation
11.	Muhammad Zubair Raza		Soliton Dynamics and Stability Analysis of (2+1)-D Extended Calogero-Bogoyavlenskii-Schiff Equation
12.	Muhammad Shahbaz	10-12-2025 Wednesday	Nonlinear Wave Dynamics in a (3+1)-Dimensional Integrable System: Bell Polynomial Method and Symmetry Approach
13.	Iqra Zareef		Data-Driven LOPCOW-ERUNS Approach for Optimizing Risk Assessment in Industry 5.0
14.	Ali Kamran	17-12-2026 (Wednesday)	Fuzzy Graph Neural Network and its Applications
15.	Rukhsana Nazer		Investigation of Compact Stars
16.	Iqra Siddique	14-01-2026 (Wednesday)	Thermodynamics and Cosmological Aspects of Black Holes in Noncommutative Geometry
17.	Seerat Ijaz		Evolution of Charged Anisotropic Spheres



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Sr. No.	Name	Date	Title of Talk
18.	Maria Sarfraz	14-01-2026 (Wednesday)	Fuzzy Mathematical Modeling of Drug Administration through Numerous Compartments in Human Body
19.	Muhammad Awais Raza	21-01-2026 (Wednesday)	Structural Properties of Graphs Induced by Power-Congruence Relations
20.	Ayman Rasheed		Fuzzy Hypergraph Neural Network
21.	Sadaf Zahid	28-01-2026 (Wednesday)	Deep Learning Model for Medical Image Segmentation
22.	Hina Gulzar		A Neuro-Fuzzy Framework for Robust Deepfake Detection under Visual Impairments
23.	Zainab Akram	04-02-2026 (Wednesday)	Advanced Federated Learning Framework for Intelligent Healthcare Application
24.	Maria Shabir		A Domain-Agnostic Fuzzy Feature Ranking Architecture for Dimensionality Reduction and Predictive Modeling.
25.	Shajeea Jamil	11-02-2026 (Wednesday)	A Dual Spherical Fuzzy Rough Number Cloud-based Decision-making Method for Evaluating Sustainable Renewable Energy Projects
26.	Muhammad Bilal		Bipolar Fuzzy Solution of the Bipolar Fuzzy Wave Equation using Bipolar Fuzzy Fourier Sine Transform under GH-differentiability
27.	Prof. Dr. Ghazala Akram	11-02-2026 (Wednesday)	Closing Speech



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