

**DEPARTMENT OF MATHEMATICS
UNIVERSITY OF THE PUNJAB
LAHORE**

**SEMINAR SERIES (33)
NOVEMBER 17, 2021 TO FEBRUARY 23, 2022**

Sr. No.	Name of Speaker	Week	Date	Title of Presentation
1	Mr. Ghulam Muhammad	1	17-11-2021	A New Scheme for Interpret the Exact Solution of Third-order Fuzzy Differential Equations using Laplace Operator
2	Mr. Hafiz Muhammad Athar Farid	1	17-11-2021	Some q-Rung Orthopair Fuzzy Aggregation Operators
3	Ms. Ume Farwa	2	24-11-2021	Dynamics of Self-gravitating Systems in Modified Gravity
4	Ms. Hamna Asad	2	24-11-2021	Construction of Vacuum Compact Objects
5	Mr. Muhammad Zeeshan Gul	3	01-12-2021	Viable Wormhole Solutions in Energy-Momentum Squared Gravity
6	Mr. Tayyab Naseer	3	01-12-2021	Effects of $f(R, T, R_{\alpha\beta}T^{\alpha\beta})$ Gravity on Anisotropic Charged Compact Structures
7	Dr. Muhammad Riaz	4	08-12-2021	Linear Diophantine Fuzzy Set Topology with Applications
8	Dr. Maasoomah Sadaf	4	08-12-2021	Traveling wave solutions of nonlinear evolution equations using the $\tan(\psi(\eta)/2)$ -expansion technique
9	Ms. Saba Naz	5	15-12-2021	Gravastars and Energy-momentum Squared Gravity
10	Ms. Komal Hassan	5	15-12-2021	Complexity Factor for Static Cylindrical Objects in $f(G, T)$ Gravity
11	Mr. Syed Asif Ali Shah	6	22-12-2021	Bio-Convection Effects on Williamson Nanofluid Flow over a Stretching Sheet
12	Mr. Muhammad Hasnain Shahzad	6	22-12-2021	Study of Blood Flow with Nanoparticles Through a Stenosed Artery
13	Ms. Amna Habib	7	29-12-2021	Maximal Flow Problem with Pythagorean Fuzzy Information
14	Ms. Kiran Zahid	7	29-12-2021	Complex Pythagorean Fuzzy ELECTRE II Method
15	Ms. Ayesha Razzaq	8	05-01-2022	Fuzzy Parameterized N-Soft Topology and Aggregation Operators
16	Ms. Nimra Jamil	8	05-01-2022	Cubic Bipolar Fuzzy TOPSIS and ELECTRE-I Methods
17	Iqra Zainab	9	12-01-2022	Travelling wave, solitary wave and soliton solutions of nonlinear partial differential equations
18	Muhammad Atta Ullah Khan	9	12-01-2022	Dynamical behavior of exact solutions of nonlinear PDEs
19	Mr. Muhammad Yousaf	10	19-01-2022	Effects of $f(R, T)$ Gravity on Dynamics of Anisotropic Compact Fluid Configuration
20	Ms. Sonia Hanif	10	19-01-2022	Static Fluid Distribution within Modified Gravity
21	Dr. Uzma Ahmad	11	26-01-2022	Graph Spectra
22	Ms. Ayesha Khan	11	26-01-2022	Complex Spherical Fuzzy MABAC method
23	Ms. Tahira Batool	12	02-02-2022	Domination in Rough Fuzzy Digraphs
24	Ms. Sadia Akhtar	12	02-02-2022	Eigenvalue Properties of graphs
25	Mariyam Ehsan Buttar	13	09-02-2022	λ Bezier surfaces as the extremal of Dirichlet energy functional
26	Sadia Bashir	13	09-02-2022	Bi-harmonic Toric B'ezier Surfaces
27	Ms. Iqra Nawaz	14	16-02-2022	Rough Fuzzy Digraph Connectivity with Application to Decision-Making
28	Minahal Arshad	14	16-02-2022	Derivations of Generalized Quaternion Algebra
29	Prof. Dr. Muhammad Akram	15	23-02-2022	Fuzzy K-Algebras
30	Ms. Hafiza Saba Nawaz	15	23-02-2022	Granular computing Based on Pythagorean Fuzzy Soft sets

Dr. Muhammad Riaz
Coordinator Departmental Seminar Series

M. Riaz
16/11/2021

Dr. Maasoomah Sadaf
Assistant Coordinator Departmental Seminar Series

Maasoomah Sadaf
16-11-2021