

# Seminar Invitation: Extended Decision-making Method with Fermatean Fuzzy Rough Numbers

Speaker: **Shajeea Jamil** from Department of Mathematics, University of the Punjab, Lahore

## Abstract

In this talk, I will present a decision support algorithm based on an adaptable structure of Fermatean fuzzy rough numbers. The first phase aggregates the opinions of experts using Fermatean fuzzy rough numbers. Then the algorithm uses the FFR-AHP-TOPSIS method for evaluating the criteria weights and ranking the alternatives. Further, the applicability of the presented methodology will be demonstrated through a practical case study. Finally, the proposed method will be compared with some existing techniques to verify the authenticity of the presented model.

## Speakers' Brief Introduction

Ms. Shajeea Jamil is a Ph.D. scholar working under the supervision of Prof. Dr. Muhammad Akram.



## 40th Departmental Seminar Series

The Seminar Series serves as a platform to showcase and celebrate the remarkable work carried out by our researchers, scholars, and experts. It provides an avenue for knowledge dissemination, and collaboration, creating an environment that nurtures innovative ideas and drives recent research.



The Seminar Series encompasses a wide range of topics, spanning various disciplines, ensuring that it caters to the diverse interests and expertise of our institute's community. Through these seminars, we aim to cultivate an environment of intellectual curiosity, stimulating meaningful discussions, and promoting interdisciplinary collaborations.



## Seminar Schedule

**Please join us for this Presentation**

**Day & Date:** Wednesday; November 06, 2024

**Time:** 03:00PM

**Venue:** Seminar Hall, Department of Mathematics, University of the Punjab, Lahore

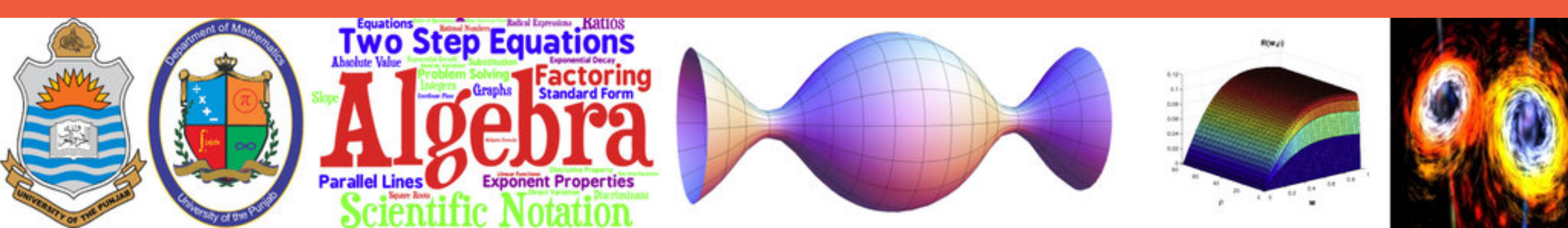
## Coordinator Departmental Seminar Series

I strongly encourage all students to actively engage and contribute to this enriching academic discussion. Your participation is key to a dynamic and productive seminar.

**Dr. Zeeshan Yousaf**

Associate Professor

Department of Mathematics, University of the Punjab, Lahore



All the faculty members and research scholars (MPhil/PhD) are invited to the seminar

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