

Seminar Invitation: An extended multi-criteria decision-making technique for hydrogen and fuel cell supplier selection by using spherical fuzzy rough numbers

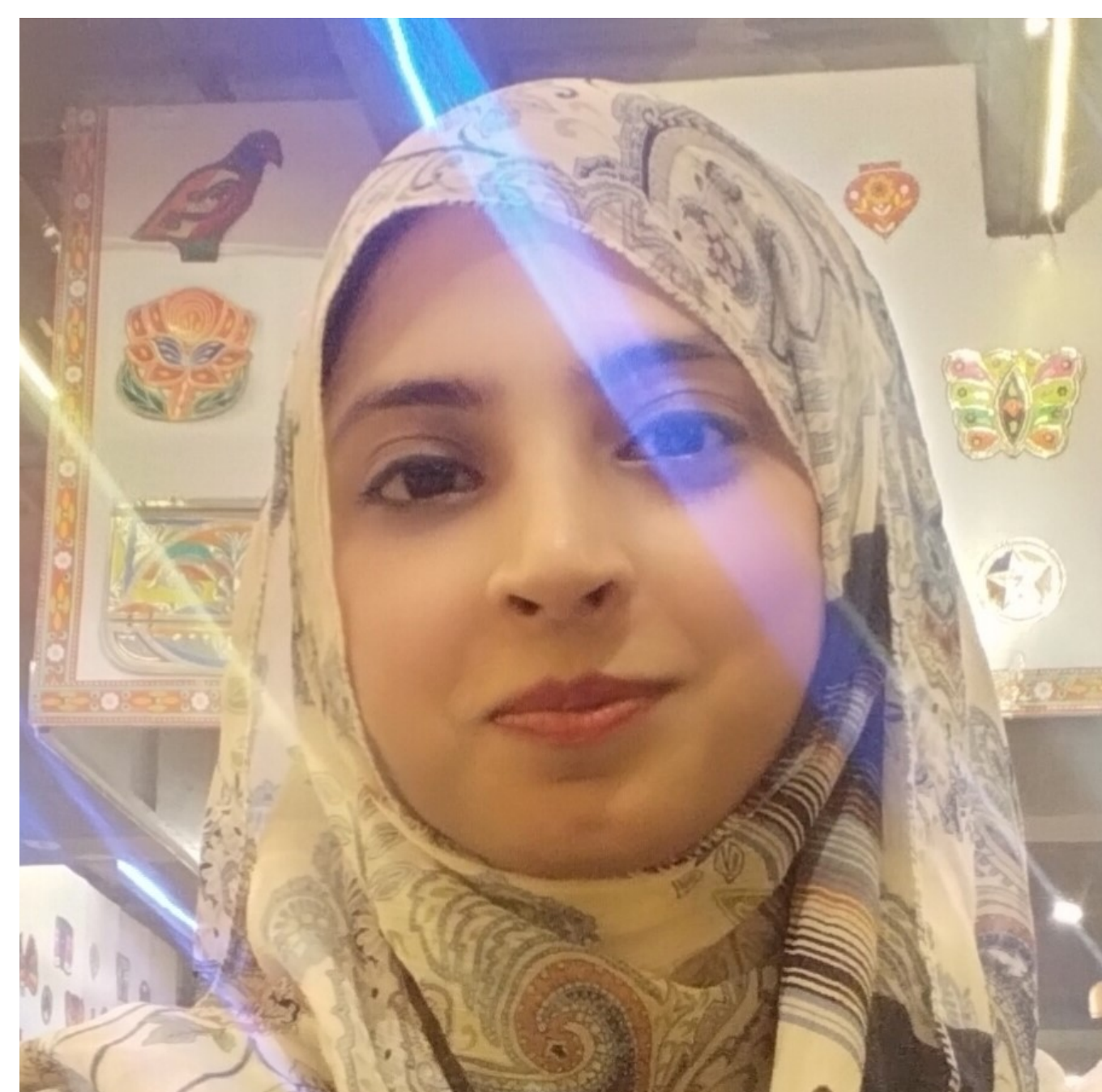
Speaker: **Maheen Sultan** from Department of Mathematics, University of the Punjab, Lahore

Abstract

Rough set theory has revolutionized data analysis by exploring and extracting valuable insights from imprecise data. Spherical fuzzy rough numbers are used to combine the spherical data, including membership, non-membership, and neutral degrees, along with the rough approximations. The PROMETHEE method has appeared as a successful technique in multi-criteria decision-making scenarios. By combining the PROMETHEE method with spherical fuzzy rough numbers, most practical decisions can be made by utilizing preference functions along with spherical rough information. A practical application of fuel cell supplier selection is being considered under spherical rough information to opt the suitable choice by applying PROMETHEE method.

Speakers' Brief Introduction

Ms. Maheen Sultan 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; October 9, 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

Contact: info.math@pu.edu.pk

