

Seminar Invitation: Algebraic Properties of Complex Fuzzy Sets and its Applications

Speaker: Ghazanfar Abbas from Department of Mathematics, University of the Punjab, Lahore

Abstract

In this talk, we will discuss the concept of complex fuzzy sets. Unlike conventional fuzzy sets confined to values within $[0, 1]$, complex fuzzy sets transcend these boundaries, encompassing the unit circle in the complex plane. This groundbreaking extension unlocks a rich mathematical framework for characterizing set membership using complex numbers. The presentation delves into the intricacies of complex fuzzy sets, offering a comprehensive exploration of this original concept. Practical examples of potential applications showcase the transformative potential of this new theory, highlighting its relevance across various domains. We will conclude this talk with its algebraic properties.

Speakers' Brief Introduction

Mr. Ghazanfar Abbas is a Ph.D. scholar working under the supervision of Prof. Dr. Muhammad Aslam Malik.



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 groundbreaking research. We proudly acknowledge and celebrate the remarkable contribution of Prof. Dr. Muhammad Sharif in introducing this seminar series back in 2005. 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.

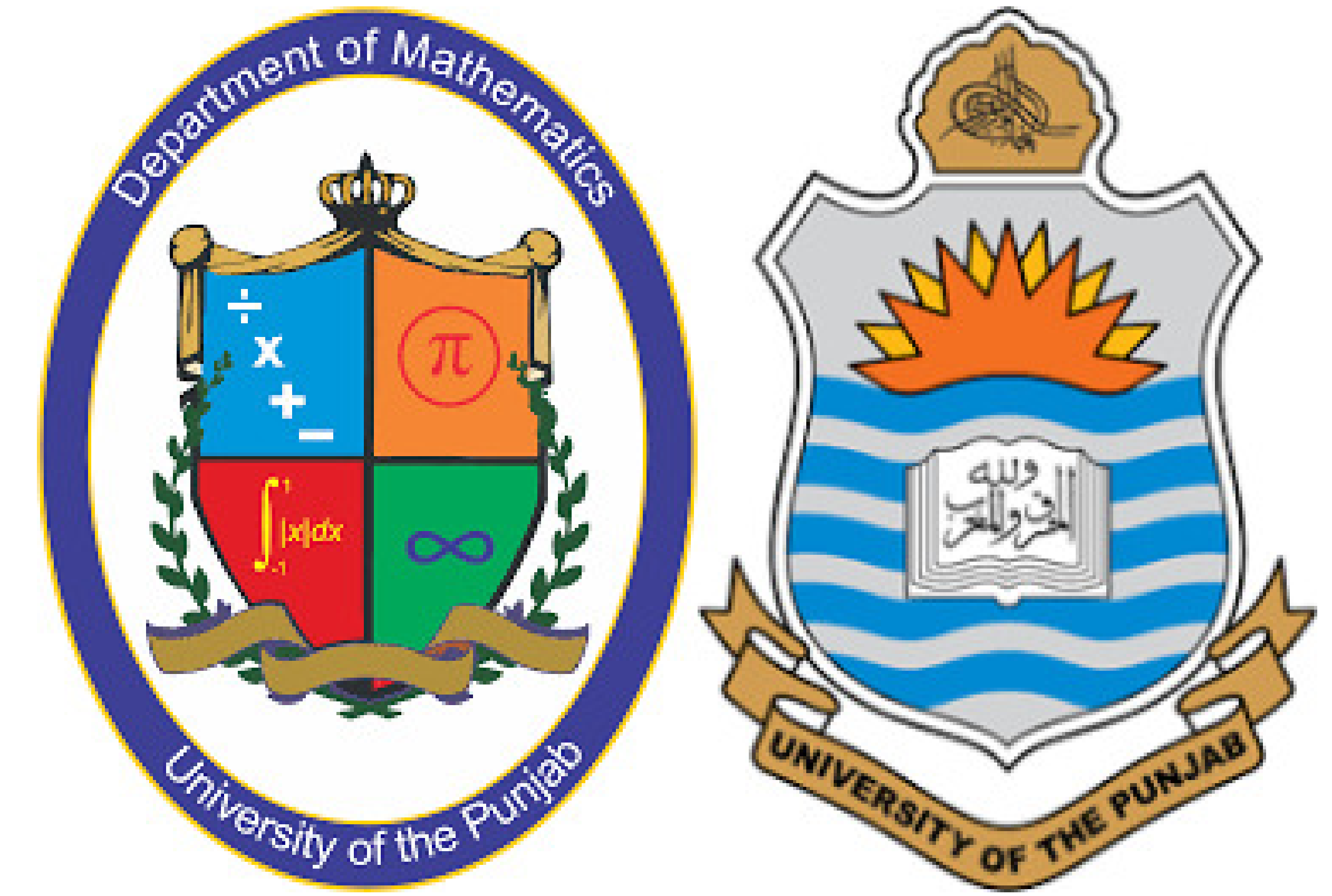


Please join us for this Presentation

When: Wednesday 25 October 2023; Time: 03:00PM-03:30PM

Where: Computer Lab, Department of Mathematics, University of the Punjab, Lahore

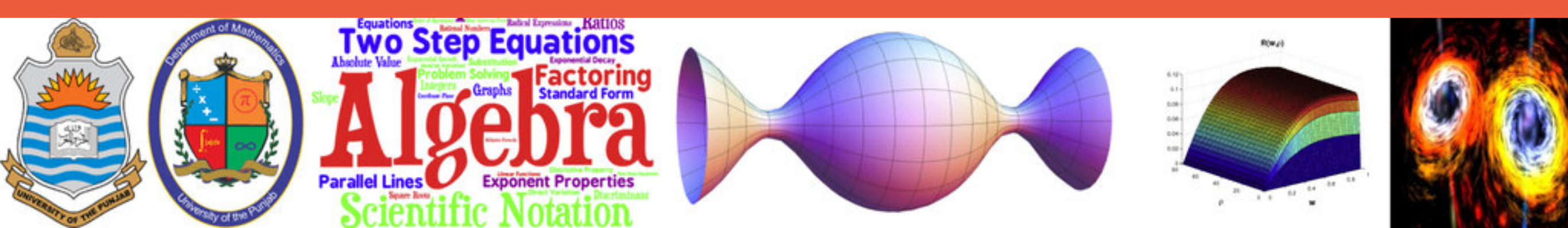
Chairman Message



It is my honor to witness the passion and dedication that our faculty and students bring to the study of this beautiful discipline. I encourage our faculty members to create a supportive environment that nurtures and promotes mathematical research. I urge every one of you, regardless of your level of experience, to actively participate in mathematical research and contribute to the growth of our research community. It is our collective responsibility to create an ecosystem that encourages and facilitates research pursuits.

Coordinator Departmental Seminar Series

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