Seminar Invitation: Analytical solution of the Pythagorean fuzzy wave equation

Speaker: Muhammad Yousuf from Department of Mathematics, University of the Punjab, Lahore

Abstract

In this talk, the analytical solution of the Pythagorean fuzzy wave equation under the generalized Hukuhara partial differentiability using the Pythagorean fuzzy Fourier Sine transform will be presented. A new Pythagorean fuzzy wave equation model will be developed under gH-differentiability using the Pythagorean fuzzy Fourier Sine transform. Some numerical examples will be solved with the proposed method and their solutions will be displayed graphically to verify and support theoretical results.

Speakers' Brief Introduction

Mr. Muhammad Yousuf is an MPhil Scholar working under the supervision of Prof. Dr. Muhammad Akram. The field of research of a student is Pure Mathematics, specializing in Pythagorean Fuzzy Wave Equation.

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 fostering interdisciplinary collaborations.
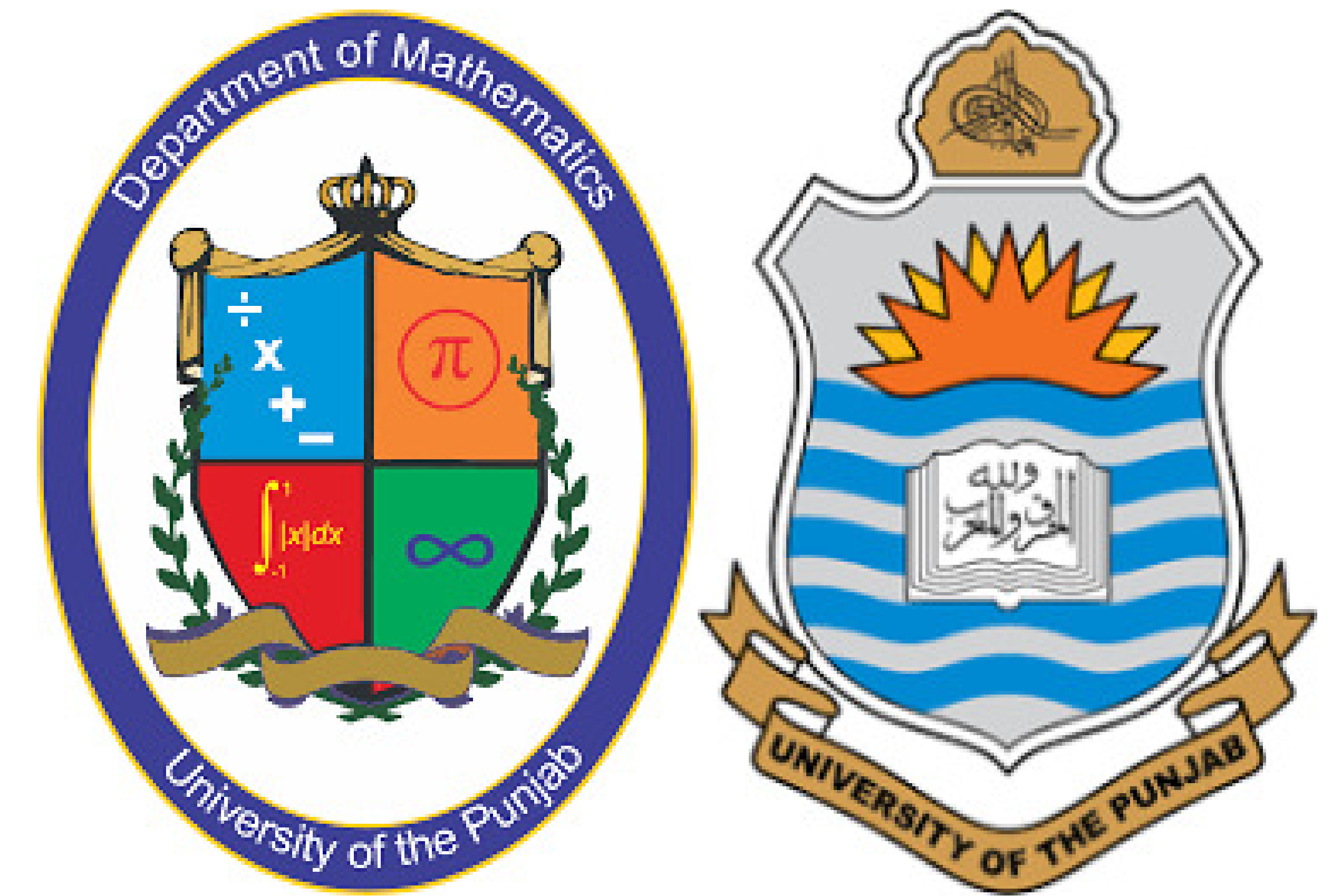

Please join us for this Presentation

When: Friday 7th July 2023; 02:30PM-03:45PM
Where: Computer Lab, Department of Mathematics, University of the Punjab, Lahore
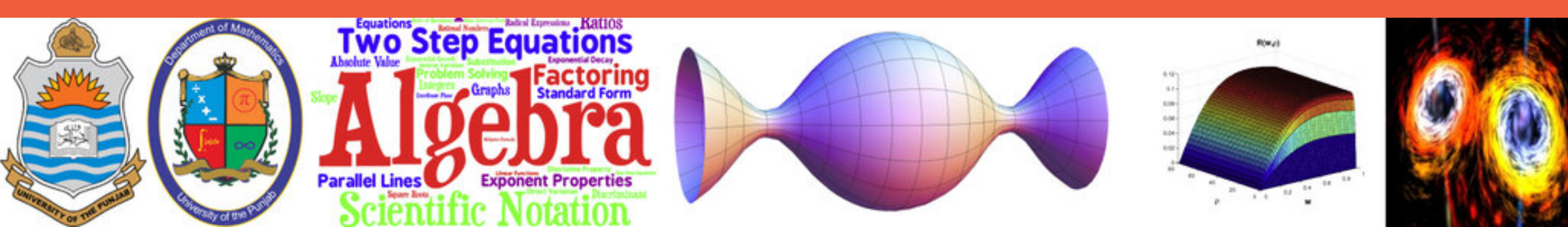
Chairman Message

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 each and 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