

# Seminar Invitation: Construction of Fractals in Spline and its applications

Speaker: **Haleema Sadia** from Department of Mathematics, University of the Punjab, Lahore

## Abstract

Fractal Interpolation is widely used in nonlinear issues of nature and social sciences. In this talk, a novel approach to the fractal interpolation function is devised to represent the uncertainty of irregular data. The construction of Fractals in spline is discussed in detail.

## Speakers' Brief Introduction

Ms. Haleema Sadia is a Ph.D. scholar working under the supervision of Prof. Dr. Malik Zawwar Hussain.



## 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.

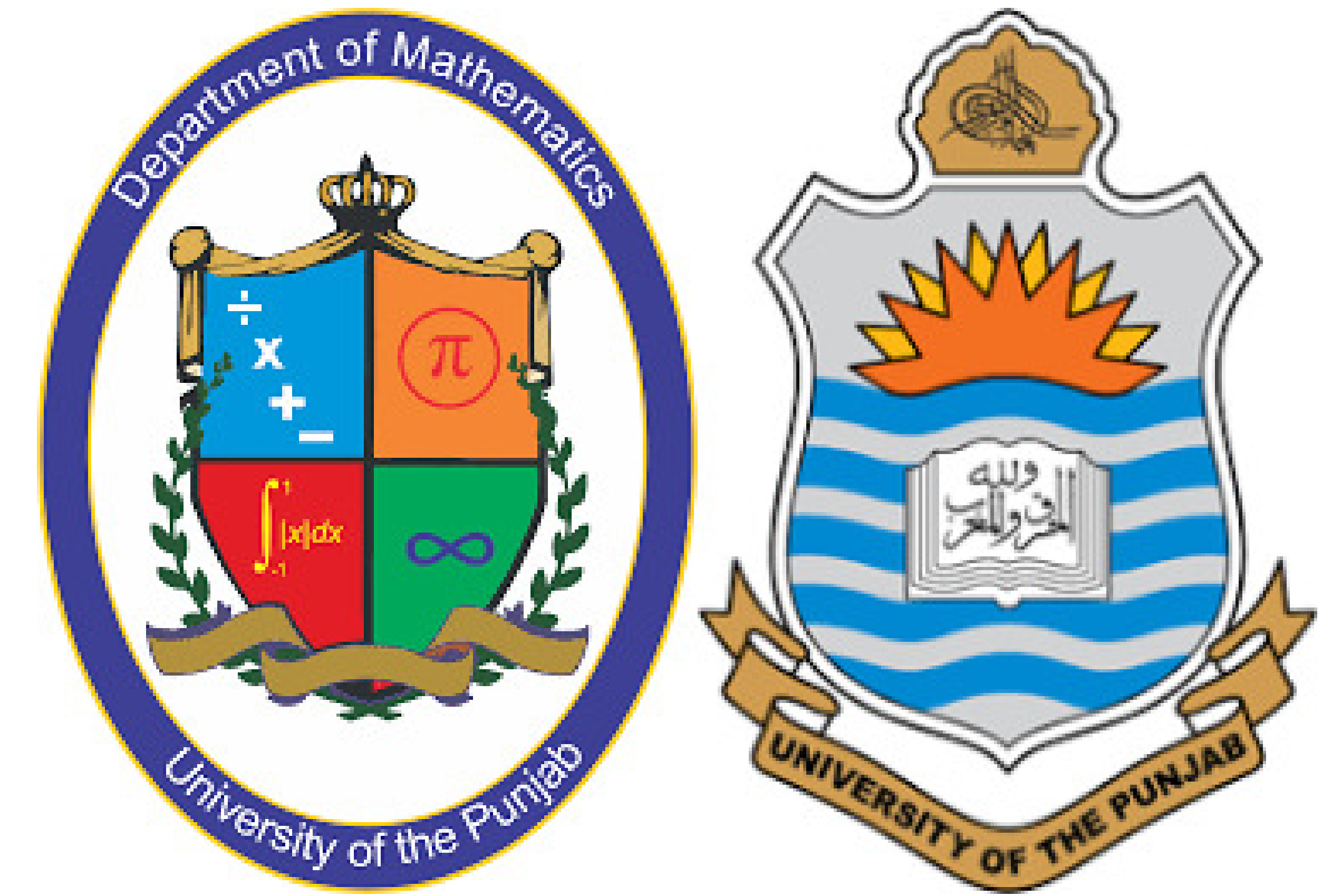


## Please join us for this Presentation

**When:** Wednesday 01 November 2023; Time: 03:00PM-03:30PM

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

## Chairman Message



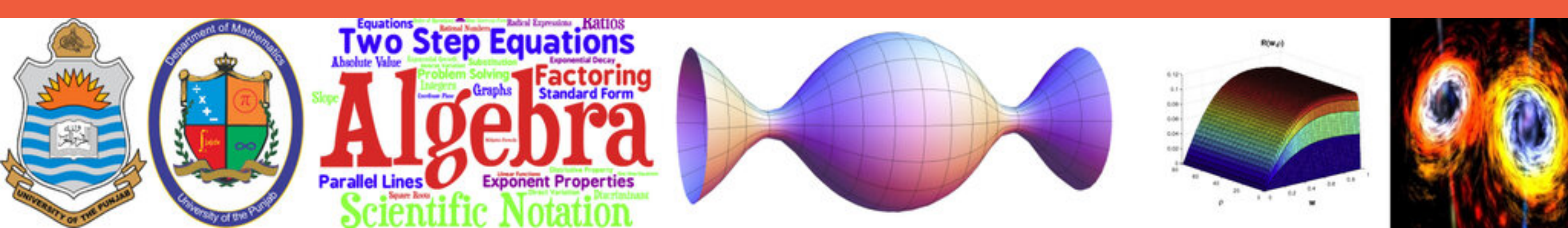
It is my honor to witness the passion and dedication that our faculty and students bring to the study of this beautiful discipline. I encourage our faculty members to create a supportive environment that nurtures and promotes mathematical research. I urge every one of you, regardless of your level of 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

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