# Seminar Invitation: Graphs and their Spectral Characteristics

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

## Abstract

In this talk, graphical structures and their related properties are going to be discussed. Graphs and matrices are interlinked so we will also elaborate the properties like spectrum.

## Speakers' Brief Introduction

Ms. Aneela is a Ph.D. scholar working under the supervision of Dr. Daud Ahmed and Dr. M. Khalid Mahmood. The field of research of a student is Pure Mathematics, specializing in Graph Theory.



## 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.
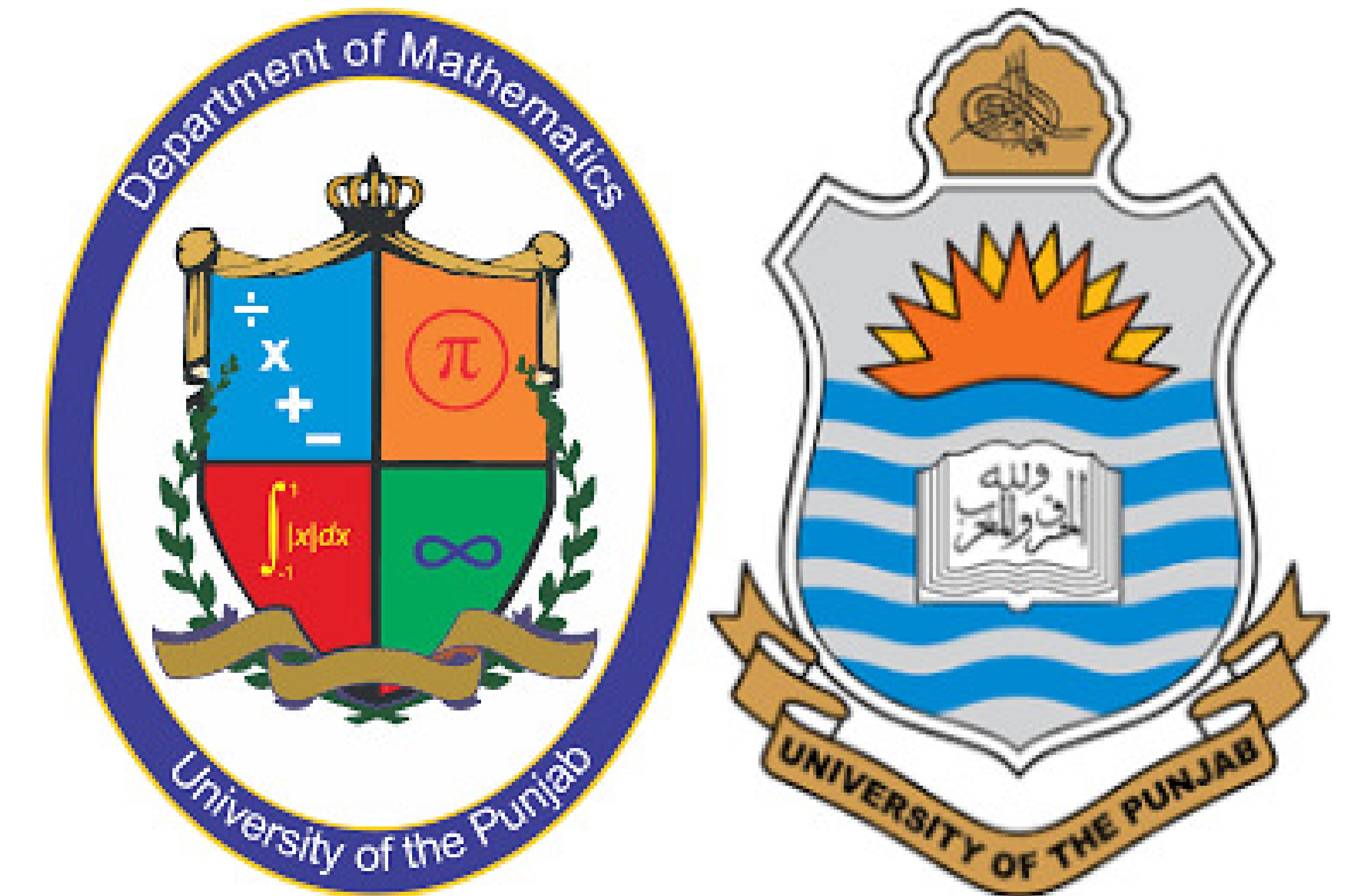


### Please join us for this Presentation

**When:** Wednesday 02 August 2023; Time: 1400-1430
**Where:** Computer Lab, Department of Mathematics, University of the Punjab, Lahore
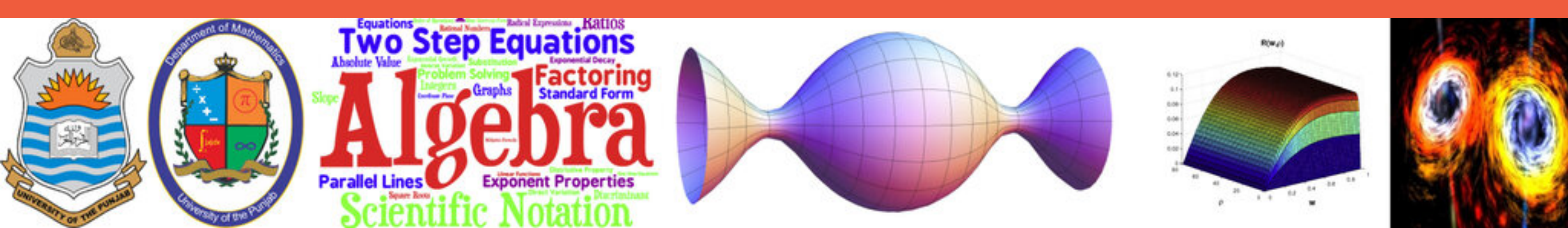
## Chairman Message



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
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