

# Seminar Invitation: Hybrid Quantum Algorithm with Applications

### **Speakers' Brief Introduction**

Ms. Saba Hameed is an MPhil Scholar working under the supervision of Dr.Zahid Hussain Shamsi. The field of research of a student is Computational Mathematics, specializing in Quantum Computation.



#### Astract

In this talk, an author will present a hybrid quantum algorithm to solve a linear system of algebraic equations and differential equations.

## Saba Hameed

Department of Mathematics, University of the Punjab, Lahore

#### **Departmental Seminar Series**

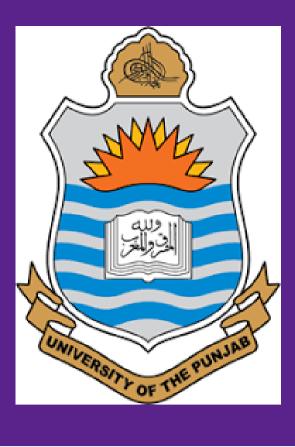
The Seminar Series serves as a platform to showcase and celebrate the remarkable work carried out by our researchers, scholars, and experts. It provides an avenue for knowledge dissemination and collaboration, creating an environment that nurtures innovative ideas and drives groundbreaking research. 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.



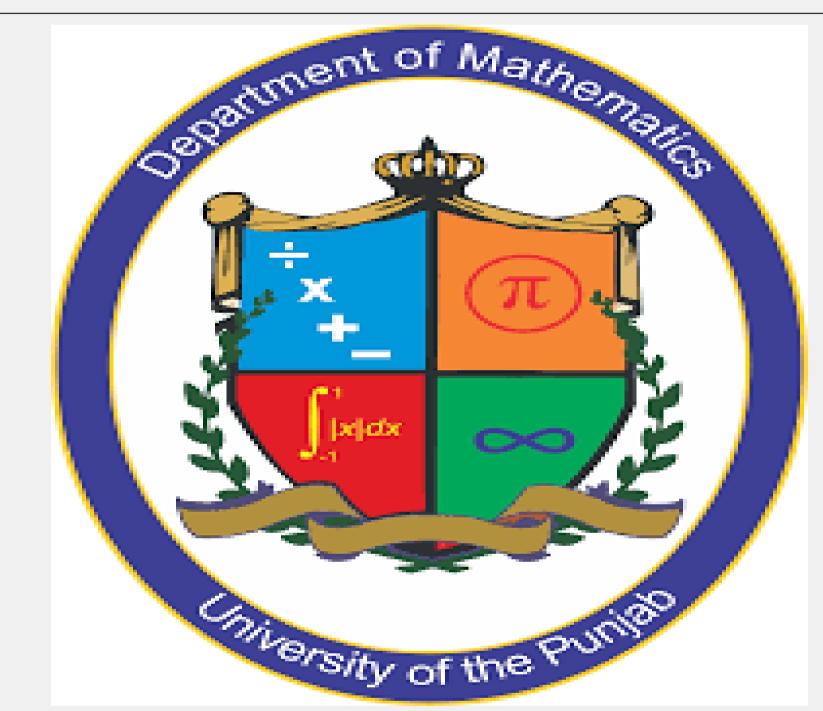
#### **Please join us for this Presentation**

When: Wednesday 21th June 2023; 02:00PM- 02:20PM Where: Computer Lab, Department of Mathematics, University of the Punjab, Lahore

37th Departmental Seminar Series



#### **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

Contact: info.math@pu.edu.pk

