

Seminar Invitation: Dynamical behavior and soliton solutions of Landau-Ginzburg-Higgs equation

Speaker: **Syeda Sarwat Kazmi** from Department of Mathematics, University of the Punjab, Lahore

Abstract

This study utilizes the new analytical approach to investigate the Landau-Ginzburg-Higgs model. The novel soliton solutions have been extracted by employing the suggested technique. Furthermore, qualitative analysis of the model has been discussed through different phase portraits.

Speakers' Brief Introduction

Ms. Syeda Sarwat Kazmi is an MPhil scholar working under the supervision of Dr. Nauman Raza. The field of research of a student is Computational Mathematics, specializing in Partial Differential Equations.



Departmental Seminar Series

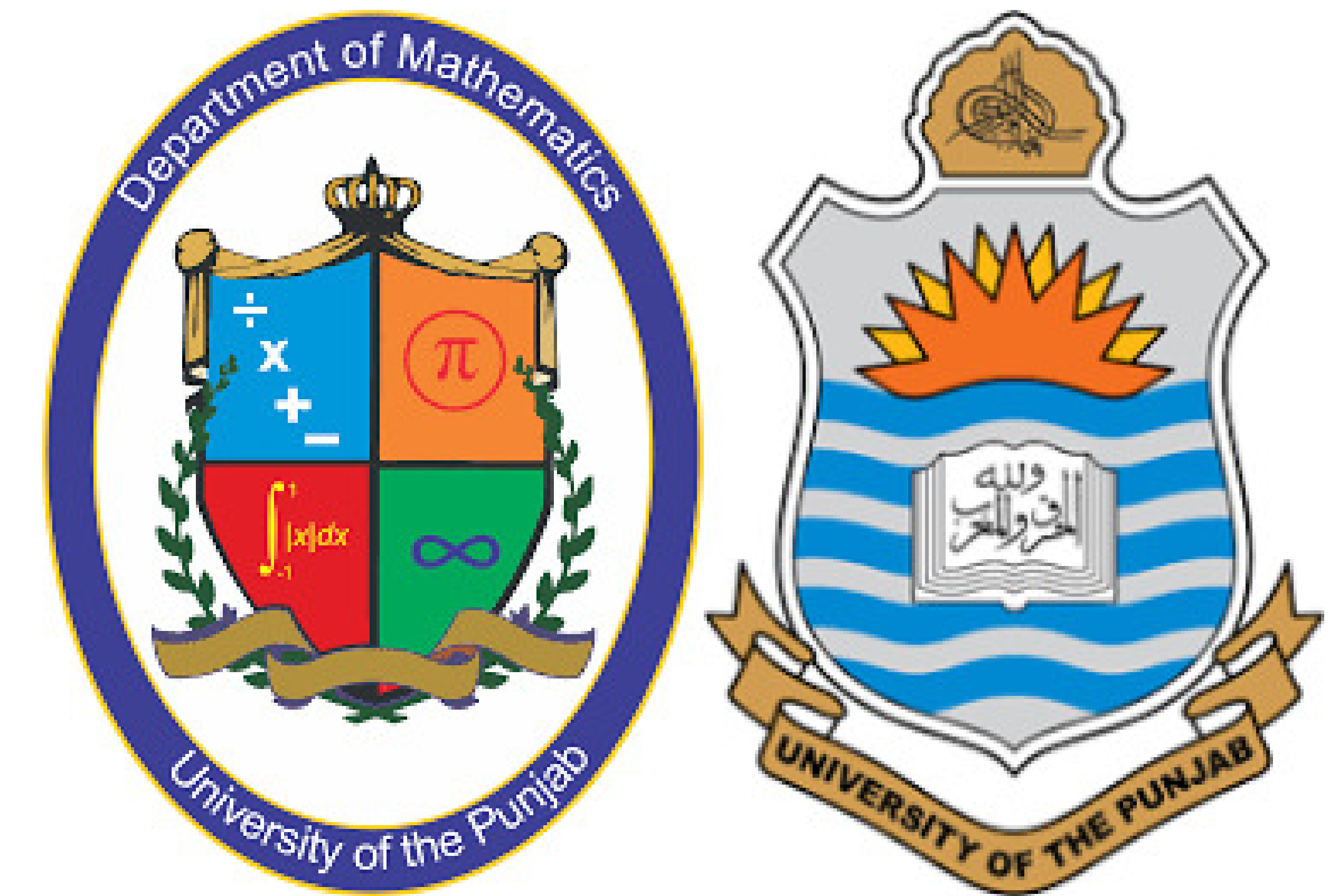
The Seminar Series serves as a platform to showcase and celebrate the remarkable work carried out by our researchers, scholars, and experts. It provides an avenue for knowledge dissemination, and collaboration, creating an environment that nurtures innovative ideas and drives groundbreaking research. 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: Tuesday 11th July 2023; 02:45PM-03:00PM
Where: Computer Lab, Department of Mathematics, University of the Punjab, Lahore

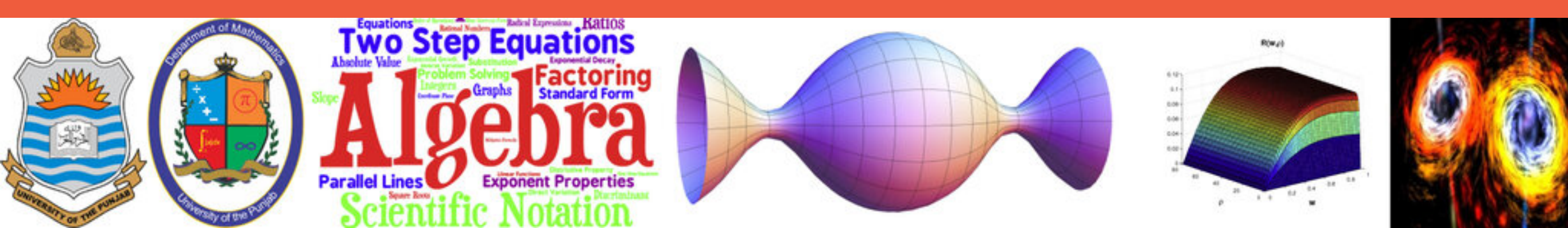
Chairman Message



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



All the faculty members and research scholars (MPhil/PhD) are invited to the seminar

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