



University of Hyderabad
School of Mathematics and Statistics

Cordially invites you to
A Public Lecture on the topic

“Periodic Points of Solenoidal Automorphisms”



Dr. Sharan Gopal

Associate Professor, Department of Mathematics, BITS-Pilani, Hyderabad, Telangana.

Abstract:

This talk is in the area of topological dynamics. I will first present some basic definitions and then I will talk about the problem of characterisation of sets of periods and periodic points. Some old results related to the problem will be mentioned followed by our results. These include linear operators, toral automorphisms and Solenoidal automorphisms.

Most of the work related to solenoids was funded by DST-SERB as part of a project.

All are invited

Date: 11th September, 2023

Time: 4.00 P.M

Venue: Seminar Hall-1, School of Mathematics and Statistics

About the Speaker:

Dr. Sharan Gopal is an Associate Professor at the Department of Mathematics, BITS-Pilani, Hyderabad, Telangana. He has completed his M.Sc and Ph.D from the School of Mathematics and Statistics, University of Hyderabad (2008-2013). He was a Postdoctoral fellow at the Institute of Mathematical Sciences, Chennai (2013-2014) and had a NBHM fellowship at the Indian Statistical Institute, Bangalore (2014-2015). His Sponsored Projects include BITS-Pilani; Research Initiation Grant (2015-2017), DST-SERB: Early career research award (2018-2021) and DST-SERB; MATRICS (2023-2026). He has 13 National and International publications in various journals to his credit.