



Faculty Detail Proforma

Title	Dr.	First Name	Poonam	Last Name	Lakhotia	Photograph
Designation		Assistant Professor				
Address		Daulat Ram College, Patel Marg 4				
Phone No. Office						
Residence						
Mobile No.						
Email – ID		poonam@dr.du.ac.in				
Web Page						
Educational Qualification						
Degree		Institution				Year
Ph.D.		University of Delhi				2021
M.Phil.		University of Delhi				2011
M.Sc.		St. Stephens College				2009
B.Sc.		Kirori Mal College				2007
Career Profile						
- Assistant Professor (Permanent), Daulat Ram College, University of Delhi since Oct 14, 2022. - Assistant Professor (Ad-hoc), Daulat Ram College, University of Delhi from Aug 1, 2011- Oct 13, 2022.						
Administrative Assignments						
- Convenor of the Student Advisory Board, Daulat Ram College in the year 2024-25. - Teacher-In-Charge of the Department of Mathematics, Daulat Ram College in the year 2024-25. - Member of the Prospectus Committee and IQAC Working Committee in the year 2023-24. - Nodal Officer of the NIRF Ranking Committee in the year 2023-24. - TPC Member from Department of Mathematics in the year 2023-24. - Core team member in NIRF ranking committee in the year 2022-23. - Core team member in the Website committee in the year 2021-22. - Member of the B.A.(P) committee of the college in the year 2021-22. - Representative of Mathematics Department in the Teaching Program Committee in the academic year 2019-20.						

- Admission committee member of B. Sc.(H) Mathematics in the academic year 2019-20, 2020-21.

Areas of Interest / Specialization

Real Analysis, Functional Analysis

Subjects Taught (in the last three years)

B. Sc.(H) Mathematics- Group Theory
Sequences and Series of Functions
B.A.(P)- Abstract Algebra
Topics in Calculus
VAC- Vedic Mathematics-II
SEC: IT Skills and Data Analysis

Research Guidance

Publications Profile (in the last three years)

- 1) P. Mantry, K.T. Poumai, S.K. Kaushik, Reconstruction of Multidimensional digital signals, International Journal of Wavelets, Multiresolution and Information Processing, Vol 21, No. 01, pg 1-19, 2023, ISSN-0219 6913.
- 2) Poonam Mantry, S.K. Gandhi and Raksha Sharma, A note on the computability of Hilbert-Schmidt Operator, Poincare Journal of Analysis and applications, Vol 10, No 2 (2023), 383-390.
- 3) Poonam Mantry, S. K. Gandhi, Computability of the Translation Operator, Poincare Journal of Analysis and Applications, Vol 11, No1 (2024), 1-13.

Conference Organization / Presentation (in the last three years)

Nil

Other Activities (in last three years)
1) Co-Coordinator for 2-days SDP “Enhancing learning through ICT tools” organised by Department of Mathematics, Daulat Ram College from 23-24 August 2023. 2) Co-convenor & Resource Person in a 5- day workshop on “Vedic Mathematics” organized by Department of Mathematics, Daulat Ram College from 11-18 Oct 2023.