


Title	Dr.	First Name	Arpit	Last Name	Kansal	Photograph
Designation		Assistant Professor				
Department		Mathematics				
Address (Campus)		Department of Mathematics, Shyama Prasad Mukherjee College for Women, University of Delhi, Delhi-110026				
Phone Number (Campus)		+91-9311321574				
Email		arpitkansal25@gmail.com , arpit@spm.du.ac.in				
Education Qualifications:						
Degree		Institution				Year
PhD (Mathematics)		Department of Mathematics, University of Delhi				2023
M.Sc. (Mathematics)		Chennai Mathematical Institute, Chennai				2016
B.Sc. Math. (Hons.)		Kirori Mal College, University of Delhi				2013
Research Interests/ Specialization						
Operator Theory, Operator Algebra and Functional Analysis						
Teaching Experience						
<ul style="list-style-type: none">Shyama Prasad Mukherji College for Women (Permanent), University of Delhi, March 2024 – Present.Maitreyi College (Guest-Lecturer), University of Delhi, Nov. 2022 – Feb. 2024.						

Publications

- Kansal A and Kumar A, (2023) Ideals in Haagerup tensor product of C^* -ternary rings, Operators and Matrices 17, 731-748 (SCIE).
- Kansal A and Kumar A, (2023) Haagerup tensor product of C^* -ternary rings, J. Math. Anal. Appl. 528, 127482 (Q1, SCIE).
- Kansal A, Kumar A and Rajpal V, (2023) Representations of C^* -ternary rings, Comm. Korean Math Soc. 38, 123-135 (SCOPUS).
- Kansal A, Kumar A and Rajpal V, (2023) Inductive limit in the category of C^* -ternary rings, Bull. Korean Math. Soc. 60, 137-148 (SCIE).
- Kansal A, Kumar A and Rajpal V, (2020) Inductive limit in the category of TRO, Ann. Funct. Anal. 11, 748-760 (SCIE).

Paper Presentation

- Presented the research paper titled **Representations of C^* -Ternary Rings** at the **International Conference on Graphs, Networks and Combinatorics Organized** by Department of Mathematics, Ramanujan College, University of Delhi in January, 2023.
- Delivered a presentation of the research paper titled **Inductive limit in the Category of C^* -Ternary Rings** at the **International Conference on Recent Trends in Mathematics** Organized by Department of Mathematics, Hansraj College, University of Delhi in December 2021.

Participation in International Conferences/Workshops/ Advanced Instructional School:

- **Teacher's Enrichment Workshop** on Algebra and Number Theory organized by Shiv Nadar Institute of Eminence, Greater Noida from February 5-10, 2024.
- **Advanced Instructional School** on Algebraic Geometry organized by **Indian Statistical Institute, Bangalore** from May 6- June 4, 2024.

Awards:

- Selected for **Post Doctoral Institute Fellowship 2024** of **National Board of Higher Mathematics (NBHM), Mumbai**.
- Selected for **Institute Post Doctoral Institute Fellowship (IPDF) 2024** of **Indian Institute of Technology (IIT), Hyderabad**.
- Selected for **PhD Scholarship 2016** from Southern Zone given by **NBHM, Mumbai**.
- Selected for **Junior Research Fellowship 2016** with **AIR 25** and of **CSIR, Delhi**.
- Received **Institution Merit cum Means (MCM)** scholarship all through my Masters.
- Selected for **PhD Scholarship 2014** from Northern Zone given by **NBHM, Mumbai**.
- Selected for **Integrated PhD Fellowship** of **IISER, Bhopal**.
- Secured **AIR 81** in **IIT JAM 2013**.

Other Responsibilities

- **Convenor, Placement Cell** at SPM College, University of Delhi (July 01, 2024 -Present).
- **Examiner** of the paper **Analysis, Algebra, and Mechanics** for the **B.Sc. Programme** (June 2024).
- Took on the position of **course coordinator** and played a pivotal role in designing and organizing the first and second iteration of short-term course on "**Building Mathematical Skills: Logic, Reasoning, and Aptitude**" at **Maitreyi College, University of Delhi**.
- Served as the **co-convenor** of the Symposium on **International Women in Mathematics Day**, where I played a key role in inviting esteemed speakers, including **Dr. Nikita Agarwal** from **IISER Bhopal** to discuss the life and works of female **Fields Medalist Maryam Mirzakhani**, and **Dr. Olena Vaneeva** from the **Institute of Mathematics of the National Academy of Sciences, Ukraine**.