Kirori Mal College

(University of Delhi)
University of Delhi, Delhi-110007
(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)

Print Date : 15-02-2026

1. Personal Profile

Title: **Dr.**   First Name: **RAKSHA**   Last Name: **SHARMA**

Designation: **ASSOCIATE PROFESSOR**   Mobile No. **9818259896**

Phone No. (Office) **9818259896**   Phone No. (Residence):

Email: **rakshakmc@kmc.du.ac.in**   Webpage: **----------**

Facebook: **----------**   Twitter: **----------**

LinkedIn: **----------**   Instagram: **----------**

Youtube: **----------**   Research Gate Link: **----------**

Google Scholar Link: **----------**

Address: **----------**

2. Educational Qualifications

Degree/ Certification	Institution	Year
B. Sc. (H) Physics	Kalindi College, Delhi University	2000
NET-JRF	UGC-CSIR	2003

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSOCIATE PROFESSOR	PHYSICS KIRORI MAL COLLEGE, DELHI	03.Jun.2010 - Till date	
CAREER PROFILE	CONVENER	NCC Kirori Mal College, NCC affiliated to 1 Delhi Girls Battallion	09.Nov.2015 - Till date	Captain. Dr. Raksha Sharma, Associate NCC Officer for SW (Girl cadets), strength-160
CAREER PROFILE	CONVENER	NCC Kirori Mal College, NCC affiliated to 1 Delhi Girls Battallion	09.Dec.2024 - Till date	Capt. Dr. Raksha Sharma, Associate NCC Officer for SW (Girl Cadets)-enrolled strength 160

ADMINISTRATIVE ASSIGNMENTS	ADMINISTRATIVE OFFICER	NCC Kirori Mal College, NCC affiliated to 1 Delhi Girls Battallion	09.Nov.2015 - Till date	Promoted from the rank of Lieutenant to Captain on 07-11-2023.

4. Other Profiles

Other Profile Name/ Description

5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status

6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
2012	Novel Strategies involving nanomaterials\nanocomposites and biosorption for removal of toxic metals from water KMC-104	University of Delhi-Innovation Project	1 year 2 months	708308	15.May.2012

7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
JOURNAL PAPER (National)	SOME PROPERTIES OF OPV-FRAMES	Poincare Journal of Analysis and Applications	Raksha Sharma (Sole Author)	10.46753/pjaa.2023.v010i01.015	July 2023
JOURNAL PAPER (International)	FeCo nano particles as antibacterial agents with improved response in magnetic field: An insight into the associated toxicity mechanism	Nano Technology	Moditma, Priyanka Singh, Raksha Sharma, Anita K. Verma, S. Annapoorni (Joint Author)	10.1088/1361-6528-abfa53	May 2021
JOURNAL PAPER (International)	Some Results on perturbation of duality of OPV-frames	Armenian Jour. Math.	Raksha Sharma (Sole Author)		June 2024
JOURNAL PAPER (International)	Naimark-type results using frames	journal of Function Spaces	Raksha Sharma and Nikhil Khanna (First Author)		February 2024

JOURNAL PAPER (National)	A Note on computablity of Hilbert-Schmidt operator	Poincare Journal of Analysis and Applications	Poonam Mantry, S.K.Gandhi and Raksha Sharma (Corresponding Author)		December 2024
JOURNAL PAPER (National)	Some Properties of OPV-frames	Poincare Journal of Analysis and Applications	Raksha Sharma (Sole Author)		July 2023
JOURNAL PAPER (International)	SOME RESULTS ON PERTURBATION OF DUALITY OF OPV-FRAMES	Armenian Journal of Mathematics	Raksha Sharma (Sole Author)		June 2024
JOURNAL PAPER (International)	A Note on Exact Frames in Banach Spaces	International Journal of Analysis and Applications	B. Semthanga, Mina Kumari, Sandeep Kumari, Raksha Sharma (Corresponding Author)	10.28924/2291-8639-22-2024-140	July 2024
JOURNAL PAPER (International)	A Note on Frames in Quaternionic Hilbert Spaces	Sahand Communications in Mathematical Analysis	Sumit Sharma and Raksha Sharma (Corresponding Author)	10.22130/scma.2024.2025108.1666	January 2025
JOURNAL PAPER (International)	Dynamical sampling in quaternionic Hilbert spaces	São Paulo Journal of Mathematical Sciences	Ruchi Bhardwaj, Raksha Sharma & S. K. Sharma (Corresponding Author)	10.1007/s40863-025-00496-1	May 2025
JOURNAL PAPER (International)	Bell Wavelet operational matrix method for convection diffusion equation	Results in Nonlinear Analysis	Shahid Ahmed, Bharti Yadav, Pooja Vats and Raksha Sharma (Corresponding Author)	10.31838/rna/2025.08.02.002	April 2025

CONFERENCE PAPER/ PROCEEDINGS (International)	Recent Advances in Carbon based nanomaterials as electrochemical sensor for toxic metal ions in environmental applications.	Materials Today: Proceedings	Amit Lochab, Raksha Sharma, Siddharth Kumar, Reena Saxena (Joint Author)	https://doi.org/10.1016/j.matpr.2021.01.271	January 2021

8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number

9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2023	REFRESHER COURSE ATTENDED	ASSOCIATE PROFESSOR	National	NCC Refresher Course	30.Jan.2023 - 18.Feb.2023
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	4th international conference on mathematical analysis and generalized integration UAMI-BUAP (virtual and face to face seminar)	08.Feb.2024 - 10.Feb.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	4th international conference on mathematical analysis and generalized integration UAMI-BUAP (virtual and face to face seminar)	08.Feb.2024 - 10.Feb.2024

Dr. RAKSHA SHARMA