



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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## 1. Personal Profile

Title: **Prof.** First Name: **PRATIBHA** Last Name: **KUMAR**

Designation: **PROFESSOR** Mobile No. -----

Phone No. (Office) ----- Phone No. (Residence): -----

Email: [pratibhakumar313@kmc.du.ac.in](mailto:pratibhakumar313@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. (Hons) Mathematics	Kirori Mal College	1980
M.Sc.	Kirori Mal College	1982

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEVELOPMENT & MAINTENANCE COMMITTEE KIRORI MAL COLLEGE, DELHI	01.May.2020 - 30.Jun.2021	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	IQAC KIRORI MAL COLLEGE, DELHI	01.May.2020 - 30.Jun.2021	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROVIDENT FUND COMMITTEE KIRORI MAL COLLEGE, DELHI	01.May.2021 - 30.Apr.2022	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	GARDEN COMMITTEE KIRORI MAL COLLEGE, DELHI	01.May.2021 - 30.Apr.2022	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	ALUMNI COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Apr.2021 - 30.Apr.2022	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS KIRORI MAL COLLEGE, DELHI	01.May.2022 - Till date	Governing Body
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	MATHEMATICS KIRORI MAL COLLEGE, DELHI	01.May.2022 - 30.Apr.2023	

#### 4. Other Profiles

**Other Profile Name/ Description**

**AREAS OF INTEREST/ SPECIALIZATION**

Abstract Algebra

#### 5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
2017	Ph. D.	----	Poonam Sarohe	Awarded
2018	Ph. D.	----	Pakhi Agarwal	Awarded

#### 6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction

#### 7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
JOURNAL PAPER (International)	FUZZY PRIME SUBMODULES AND RADICAL OF A FUZZY SUBMODULE	Bull. Cal. Math. Soc.	S. K. DHAMBRI, RAJESH KUMAR AND PRATIBHA KUMAR (Joint Author)		December 1995
JOURNAL PAPER (International)	On Fuzzy Primary submodules	Bull. Cal. Math. Soc.	S. K. BHAMRI, RAJESH KUMAR AND PRATIBHA KUMAR . (Joint Author)		December 1994

JOURNAL PAPER (International)	Fuzzy submodules: some analogues and deviations	Fuzzy Sets and Systems	Rajesh Kumar, S.K. Bhambri, Pratibha Kumar (Joint Author)		July 1995
JOURNAL PAPER (International)	Union of fuzzy subgroups	Fuzzy Sets and Systems	V.N. Dixit, S.K. Bhambri, Pratibha Kumar (Joint Author)		December 1996
JOURNAL PAPER (International)	Lattices of Fuzzy submodules	International Mathematical Forum	S. K DHAMBRI AND PRATIBHA KUMAR (Joint Author)		August 2009
JOURNAL PAPER (International)	?-Fuzzy Quotient Modules	International Mathematical Forum	S. K. Bhambri and Pratibha Kumar (Joint Author)		October 2009
JOURNAL PAPER (International)	Some results on 2- absorbing ideals in commutative semirings	Journal of Mathematics and Applications	Pratibha Kumar, Manish Kant Dubey and Poonam Sarohe (First Author)		July 2015
JOURNAL PAPER (International)	On 2-Absorbing Primary Ideals in Commutative Semirings	EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS	Pratibha Kumar, Manish Kant Dubey, Poonam Sarohe (First Author)		December 2016
JOURNAL PAPER (International)	On 2-absorbing ideals in commutative semirings	Quasigroups and Related Systems	Pratibha Kumar, Manish Kant Dubey and Poonam Sarohe (First Author)		December 2016
JOURNAL PAPER (International)	Blockchain Technology	International Journal of Engineering Research and Development	Pratibha Kumar and Karan Chaudhry (First Author)		December 2021

JOURNAL PAPER (International)	QUASI-PRIMARY IDEALS IN COMMUTATIVE SEMRINGS	Discussiones Mathematicae General Algebra and Applications	Poonam Sarohe and Pratibha Kumar (Joint Author)	<a href="https://doi.org/10.7151/dmga.1412">https://doi.org/10.7151/dmga.1412</a>	September 2023
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## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
BOOK (National)	Partial Differential Equations	Pratibha Kumar (Sole Author)	Imprint Books (Delhi/India)	978-81- 951508-8-5

## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To

**Prof. PRATIBHA KUMAR**