



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 02-06-2026

## 1. Personal Profile

Title: **Ms.** First Name: **BHARTI** Last Name: **YADAV**



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

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

Email: **bhartiyadav4170@kmc.du.ac.in** Webpage: -----

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

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

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

Google Scholar Link: -----

Address: -----

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
M.Sc. Mathematics	IIT KHARAGPUR	2016
B.Sc. (H) Mathematics	Maitreyi College, University of Delhi	2014
MS.c MATHEMATICS	IIT KHARAGPUR	2016
BS.c	University of Delhi	2014

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	MEMBER	SENSATION – THE DANCE SOCIETY KIRORI MAL COLLEGE, DELHI	18.May.2023 - 19.Nov.2024	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ENACTUS SOCIETY KIRORI MAL COLLEGE, DELHI	18.May.2023 - 01.Jul.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	KARTAVYA- THE CIVIL SERVICE SOCIETY Kirori Mal College, University of Delhi	18.May.2023 - 01.Jul.2025	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	SPORTS COUNCIL Kirori Mal College	01.Oct.2024 - Till date	no
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STANDING COMMITTEE FOR MONITORING ADMISSIONS KIRORI MAL COLLEGE, DELHI	01.Jul.2025 - Till date	no
ADMINISTRATIVE ASSIGNMENTS	MEMBER	COMMITTEE FOR COMMON COURSES KIRORI MAL COLLEGE, DELHI	01.Oct.2025 - Till date	no
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ANTI-RAGGING KIRORI MAL COLLEGE, DELHI	01.Jul.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STUDENT UNION ACTIVITIES COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Jul.2024 - Till date	

#### 4. Other Profiles

##### Other Profile Name/ Description

##### SUBJECTS TAUGHT

Linear Programming and game theory

Calculus

Differential Equations

Probability and statistics

Calculus and matrices

Elementary linear algebra

Element of analysis

Latex and HTML

Statistical software R

##### AREAS OF INTEREST/ SPECIALIZATION

Analysis

## AWARDS AND DISTINCTIONS

CSIR/NET AIR-84

GATE 2016 AIR-512

JAM 2014 AIR -238

Best All Rounder student of Maitreyi College 2013 -2014 ( Dr. LATE SITA SRIVASTVA AWRD) a cash prize of Rs 11,000.

Cash prize of Rs 2000 in Doodle-O-Maths (Abscissa 14) Mathematics fest Maitreyi College

National student Union of India (NSUI), Vice-President (Maitreyi College) during 2011-12 sessions.

Union Vice president of Maitreyi College during 2013-14 sessions.

Union Secretary of Maitreyi College during 2012-13 sessions.

Vice-President of Mathematics Department during 2012-13 sessions.

Secretary of Mathematics Department during 2011-12 sessions.

Worked as volunteer in UK India Education and Research Initiative (UKIERI) Programme during session 2013-14.

Worked as volunteer in UK India Education and Research Initiative (UKIERI) Programme during session 2012-13

2<sup>th</sup> position Inter College Base Ball Competition, Sep.2011.

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## 5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
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## 6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
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## 7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
RESEARCH PAPERS (College)	NUMERICAL SOLUTION OF LINEAR FREDHOLM INTEGRAL EQUATIONS SYSTEM BY LINEAR LEGENDRE MULTI-WAVELETS	Poincare J. Anal. Appl.	Meenu Devi ,Bharti Yadav, Pooja Vats (Corresponding Author)		May 2025

RESEARCH PAPERS (College)	Bell Wavelet operational matrix method for convection diffusion equation	Results in Nonlinear Analysis	Shahid Ahmed, Bharti Yadav , Pooja Vats , Raksha Sharma* (Joint Author)	May 2025
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## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
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## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2022	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Four Week Faculty Induction/ Orientation Programme for Faculty in Universities/ Colleges/ Institutes of Higher Education	20.Sep.2022 - 19.Oct.2022
2022	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Business intelligence and Data visualization	04.Nov.2022 - 11.Nov.2022
2022	REFRESHER COURSE ATTENDED	ASSISTANT PROFESSOR	National	Managing online classes and co-creating MOOCS21.0	07.Dec.2022 - 21.Dec.2022

**Ms. BHARTI YADAV**