



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 15-04-2026

## 1. Personal Profile

Title: **Ms.** First Name: **SHIKHA** Last Name: **JAIN**

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

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

Email: **shikhaa\_88@kmc.du.ac.in** Webpage: -----



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

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

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Shikha-Jain-11>

Google Scholar Link: [https://scholar.google.com/citations?user=VMx\\_FMUA AAAAJ&hl=en](https://scholar.google.com/citations?user=VMx_FMUA AAAAJ&hl=en)

Address: -----

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
Pursuing PhD(Computer Applications)	Chandigarh University	2021
M.Sc. (Informatics)	IIC, University of Delhi South Campus	2010
B.Sc (H) Physics	Shivaji College, University of Delhi	2008

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	CONVENER	LA-VOICE Computer Science Dept., Kirori Mal College University of Delhi	01.Jan.2017 - 30.Jun.2025	Minutes in departmental meeting
ADMINISTRATIVE ASSIGNMENTS	CONVENER	COMPUTER SCIENCE Kirori Mal College, University of Delhi	01.Jan.2015 - 30.Jun.2025	NAAC

ADMINISTRATIVE ASSIGNMENTS	REPRESENTATIVE	LIBRARY COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Aug.2022 - 30.Jun.2025	From College committee minutes.
ADMINISTRATIVE ASSIGNMENTS	CONVENER	COMPUTER SCIENCE KIRORI MAL COLLEGE, DELHI	03.Apr.2023 - 30.Jun.2024	Convener / Staff Advisor of TCP(The Computer Prodigies) Society of Computer Science. Records in departmental minutes.
ADMINISTRATIVE ASSIGNMENTS	MEMBER	NEW PENSION SCHEME COMMITTEE Kirori Mal College University of Delhi	01.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	MUSOC – THE MUSIC SOCIETY Kirori Mal College University of Delhi	01.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STANDING COMMITTEE FOR MONITORING ADMISSIONS Kirori Mal College University of Delhi	01.Jul.2023 - 30.Jun.2024	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	COMPUTER SCIENCE Kirori Mal College University of Delhi	01.May.2023 - 30.Jun.2025	Dept Purchase Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ALL DEPARTMENT Kirori Mal College University of Delhi	11.Jul.2023 - Till date	Language Committee
ADMINISTRATIVE ASSIGNMENTS	CONVENER	COMPUTER SCIENCE Kirori Mal College	01.May.2024 - 01.May.2025	
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN- CHARGE	COMPUTER SCIENCE KIRORI MAL COLLEGE, DELHI	07.Jan.2025 - 15.Mar.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ALL DEPARTMENT Kirori Mal College, University of Delhi	27.Nov.2023 - Till date	Internal Complaint Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ALL DEPARTMENT Kirori Mal College, University of Delhi	04.Jun.2024 - 30.Jun.2025	Sub-Committee under CCIT.

#### 4. Other Profiles

##### Other Profile Name/ Description

##### AWARDS AND DISTINCTIONS

Kirori Mal College Research Recognition Certificate (KRRC) 2023 & 2024 under 'Principal Research Excellence Scheme(PRES) for publishing a paper titled "Use of machine learning in air pollution research: A bibliographic perspective" in Journal Electronics, MDPI.

#### 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
2024	Exploring the Role of Bauhinia variegata in Polycystic Ovary Syndrome (PCOS) Management: A Network Pharmacological, Pharmaco transcriptomics, and Molecular Dynamics Investigation	KMC	1 year	NIL	01.Aug.2024

## 7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link
JOURNAL PAPER (International)	Security Threats in Manets: A Review	International Journal on Information Theory	Shikha Jain (Sole Author)	<a href="https://arxiv.org/abs/1405.5320">https://arxiv.org/abs/1405.5320</a>
JOURNAL PAPER (International)	Use of Machine Learning in Air Pollution Research: A Bibliographic Perspective	Electronics	Shikha Jain ,Navneet Kaur ,Sahil Verma ,Kavita ,A. S. M. Sanwar Hosen andSatbir S Sehgal (First Author)	<a href="https://www.mdpi.com/2079-9292/11/21/3621">https://www.mdpi.com/2079-9292/11/21/3621</a>
CONFERENCE PAPER/ PROCEEDINGS (International)	Spread and Erase: Efficient Routing Algorithm Based on Anti-Message Info Relay Hubs for Delay Tolerant Networks	4th International Conference on Networks and Communications, NetCom 2012	Shikha Jain, Sandhya Aneja (First Author)	<a href="https://link.springer.com/chapter/10.1007/978-1-4614-6154-8_63">https://link.springer.com/chapter/10.1007/978-1-4614-6154-8_63</a>

CONFERENCE PAPER/ PROCEEDINGS (International)	A Comparison Study on Route Stability of On-Demand Routing Protocols in CRAHNs	2015 Fifth International Conference on Communication Systems and Network Technologies (CSNT)	Anshu Dhawan, Sandhya Aneja, Shikha Jain, C.K. Jha (Joint Author)	<a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84946925812&amp;origf&amp;src=s&amp;sid=dab5869b95785ea8183f3c344978e8a3&amp;sot=b&amp;sdt=b&amp;s=AL Demand+Routing+Protocols+in+CRAHNs%29&amp;sl=51&amp;sessionSearchId=c">https://www.scopus.com/record/display.uri?eid=2-s2.0-84946925812&amp;origf&amp;src=s&amp;sid=dab5869b95785ea8183f3c344978e8a3&amp;sot=b&amp;sdt=b&amp;s=AL Demand+Routing+Protocols+in+CRAHNs%29&amp;sl=51&amp;sessionSearchId=c</a>
CONFERENCE PAPER/ PROCEEDINGS (International)	Blockchain-enabled Immunization Records for Secure Pediatric Healthcare	3rd International Conference on "Advancing Technology for Sustainable Development"	Shikha Jain, Navneet Kaur, Manisha Malhotra (First Author)	<a href="https://bvicam.ac.in/Delcon-2024/showDetailedNews.asp?id=184">https://bvicam.ac.in/Delcon-2024/showDetailedNews.asp?id=184</a>
CHAPTER (International)	Analysis of Smart Technologies in Healthcare	Optimized Predictive Models in Healthcare Using Machine Learning, Scrivener Publishing, Wiley	Shikha Jain, Navneet Kaur, Manisha Malhotra and Manjot Kaur (First Author)	<a href="https://onlinelibrary.wiley.com/doi/pdf/10.1002/97811394175376.fmatter?m">https://onlinelibrary.wiley.com/doi/pdf/10.1002/97811394175376.fmatter?m</a>

## 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
2023	FACULTY INDUCTION PROGRAM ATTENDED	PARTICIPANT	National	Faculty in Universities/Colleges/Institute of Higher Education	20.Feb.2023 - 21.Mar.2023
2023	FACULTY INDUCTION PROGRAM ATTENDED	PARTICIPANT	National	Faculty in Universities/Colleges/Institute of Higher Education	23.Apr.2023 - 22.May.2023
2023	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Advanced Research Methodology	22.May.2023 - 05.Jun.2023
2022	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	PARTICIPANT	National	"Quantum Computing and Applications (QCA' 2022)"	25.Jul.2022 - 05.Aug.2022

2023	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	PARTICIPANT	University	Research Data Analysis using SPSS	14.Jun.2023 - 15.Jun.2023
2022	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	National	ONLINE WORKSHOP ON ARTIFICIAL INTELLIGENCE AND HIGH PERFORMANCE COMPUTING	25.Jul.2022 - 29.Jul.2022
2020	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	National	"Yoga for Stress Management"	15.Jun.2020 - 21.Jun.2020
2020	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	National Faculty Development Programme On Time Series and Panel Data Analysis	20.Jul.2020 - 26.Jul.2020
2023	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	Blockchain revolutionizing Artificial Intelligence	21.Aug.2023 - 25.Aug.2023
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	?? ?????? ????? 2020 ??? ????? ????????? ?? ??????????????	12.Feb.2024 - 17.Feb.2024
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	National	e-Workshop on Cryptography and Blockchain Technology (CBT-24)	22.Feb.2024 - 26.Feb.2024
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PAPER PRESENTER	International	3rd DELCON; 2024 IEEE International Conference on Advancing Technology for Sustainable Development	21.Nov.2024 - 23.Nov.2024
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	RESOURCE PERSON	University	Curriculum Restructuring under NEP 2020	08.Jan.2025 - 09.Jan.2025
2025	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Indian knowledge Tradition, Ethics and Human Values	21.Jan.2025 - 04.Feb.2025
2025	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	Quantum Computing and Post Quantum Cryptography	03.Feb.2025 - 09.Feb.2025
2026	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	Applications of Artificial Intelligence, Machine Learning and Blockchain for FinTECH Cyber Security	27.Feb.2026 - 03.Mar.2026
2026	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	International	Problem-Driven AI: Real World Applications and Solution Frameworks	07.Feb.2026 - 16.Feb.2026

2026	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PAPER PRESENTER	International	IEEE International Conference on AI Engineering and Innovation (AIEI 2026)	26.Mar.2026 - 28.Mar.2026
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	National	Winter School on Decentralised Trust and Blockchains 2025	08.Dec.2025 - 20.Dec.2025

**Ms. SHIKHA JAIN**