



# 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: **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	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, University of Delhi	01.Jan.2015 - 30.Jun.2025	NAAC
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 and Satbir 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;or f&amp;src=s&amp;sid=dab5869b95785ea8183f3c344978e8a3&amp;sot=b&amp;sdt=b&amp;s=A Demand+Routing+Protocols+in+CRAHNS%29&amp;sl=51&amp;sessionSearchId=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84946925812&amp;or f&amp;src=s&amp;sid=dab5869b95785ea8183f3c344978e8a3&amp;sot=b&amp;sdt=b&amp;s=A Demand+Routing+Protocols+in+CRAHNS%29&amp;sl=51&amp;sessionSearchId=</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>
CONFERENCE PAPER/ PROCEEDINGS (International)	A Real-World Fractional Assets Tokenization Platform using Hedera: SAMK Framework	International Conference on AI Engineering and Innovation, AIEI Conference	Shikha Jain; Minal Shirure; Aakanksha Bedi; Kapil Kushwaha (First Author)	
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/10.1002/9781394175376.fmatter?r">https://onlinelibrary.wiley.com/doi/pdf/10.1002/9781394175376.fmatter?r</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
2026	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	International	Blockchain Technologies and the Future of Decentralized Systems	17.Mar.2026 - 31.Mar.2026

**Ms. SHIKHA JAIN**