



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 24-06-2026

## 1. Personal Profile

Title: **Dr.** First Name: **SHIKHA** Last Name: **SEHGAL**

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

Phone No. (Office) **011-71219084** Phone No. (Residence): -----

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



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

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

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

Google Scholar Link: -----

Address: **DEPARTMENT OF STATISTICS, KIRORI MAL COLLEGE UNIVERSITY OF DELHI, DELHI-110007**

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
Ph.D	University of Delhi	2021
M.Phil	University of Delhi	2007
M.Sc Statistics	Hindu College, University of Delhi	2003
B.Sc (H) Statistics	Lady Shri Ram College, University of Delhi	2001

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	STATISTICS KIRORI MAL COLLEGE, DELHI	26.Oct.2022 - Till date	
CAREER PROFILE	ASSISTANT PROFESSOR	STATISTICS VENKATESWARA COLLEGE, DELHI	25.May.2022 - 25.Oct.2022	

CAREER PROFILE	ASSISTANT PROFESSOR	STATISTICS VENKATESWARA COLLEGE, DELHI	SRI COLLEGE, DELHI	10.Aug.2007 - 26.Aug.2011	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	MEDIA COMMITTEE KIRORI MAL COLLEGE, DELHI		01.Apr.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	NEW PENSION SCHEME COMMITTEE KIRORI MAL COLLEGE, DELHI		01.Apr.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	STATISTICS KIRORI MAL COLLEGE, DELHI		01.Apr.2023 - 31.Jul.2025	Staff Union Committee Advisor-Student Activities
ADMINISTRATIVE ASSIGNMENTS	MEMBER	IQAC Kirori Mal College		04.Jan.2023 - Till date	Departmental person for IQAC Nodal

#### 4. Other Profiles

##### Other Profile Name/ Description

##### AREAS OF INTEREST/ SPECIALIZATION

Order Statistics; Reliability Theory; Progressive Censoring

##### SYLLABUS FORMATION

Preparation of DSC and DSE syllabus of B.Sc Mathematical Sciences under UGCF 2022.

##### SUBJECTS TAUGHT

DSC – Theory of Probability Distributions; Sampling Distributions; Mathematical Analysis; Algebra ; Econometrics; Multivariate Analysis  
DSE-1A – Time Series; DSE-3B- Simulation Techniques in Statistics  
GE 1 – Introduction to Statistics  
GE 4 – Applied Statistics

SEC – Basic IT Tools; IT skills and Data Analysis-I; IT skills and Data Analysis-II;  
Statistics with R

#### 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)
JOURNAL PAPER (International)	Mid-Truncated Burr XII Distribution and its Applications in Order Statistics.	Statistics, Optimization And Information Computing	Prof. Jagdish Saran, Prof. Narinder Pushkarna, Dr. Shikha Sehgal (Joint Author)		March 2019
JOURNAL PAPER (International)	Exact Moments of Order Statistics, MLE, L-moments & TL-Moments Estimation from Topp-Leone Distribution	International Journal of Mathematics and Statistics	Shikha Sehgal, Narinder Pushkarna, Jagdish Saran (First Author, Corresponding Author)		November 2019
JOURNAL PAPER (International)	Relationships for Moments of Progressively Type-II Right Censored Order Statistics from Bass Diffusion Model and Associated Inference	Applied Mathematics E-Notes	[4] Pushkarna, N., Saran, J. and Sehgal, S. (Corresponding Author)		June 2020
JOURNAL PAPER (International)	Exact moments of Order Statistics and Parameter Estimation for Sushila Distribution	Journal of Statistical Theory and Applications	Pushkarna, N., Saran, J. and Sehgal, S. (Corresponding Author)		June 2022

## 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	One Week Faculty Development Programme on "Development of MOOCs, e-Content and Teacher's e-Kit in Four Quadrant Format"	08.Dec.2022 - 14.Dec.2022
2023	FACULTY INDUCTION PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Four Week Faculty Induction/ Orientation Programme for "Faculty in Universities/ Colleges / Institutes of Higher Education"	20.Feb.2023 - 21.Mar.2023
2023	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	One Week Faculty Development Programme on "National Education Policy 2020"	20.Mar.2023 - 26.Mar.2023
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Intellectual Property Rights	12.Jan.2024 - 18.Jan.2024

2024	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	ASSISTANT PROFESSOR	National	NEP 2020 Orientation & Sensitization Programme	20.May.2024 - 30.May.2024
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**Dr. SHIKHA SEHGAL**