



Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 14-04-2026

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 | |

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|----------------------------|---------------------|--|--|--|
| CAREER PROFILE | ASSISTANT PROFESSOR | STATISTICS VENKATESWARA COLLEGE, DELHI | SRI COLLEGE, 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 Advisor-Student Union Activities Committee |
| ADMINISTRATIVE ASSIGNMENTS | MEMBER | IQAC Kirori Mal College | 04.Jan.2023 - Till date | Departmental Nodal person for IQAC |

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 |
|------|-----------|-----------------------------------|--------------|--------|
|------|-----------|-----------------------------------|--------------|--------|

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) | 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 |

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|------|---|------------------------|----------|---|------------------------------|
| 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