



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 15-02-2026

## 1. Personal Profile

Title: **Prof.** First Name: **SHRAWAN** Last Name: **KUMAR**

Designation: **PROFESSOR** Mobile No. **9968243565**

Phone No. (Office) **01135768793** Phone No. (Residence): **011-35768793**

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



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

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

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

Google Scholar Link: -----

Address: **SHRAWAN KUMAR 33/16, FIRST FLOOR SHAKTI NAGAR DELHI-110007**

## 2. Educational Qualifications

Degree/ Certification	Institution	Year
B.A.(H) MATHEMATICAL STATISTICS	Hindu College, University of Delhi	1991
M.A. STATISTICS	Hindu College, University of Delhi	1993
M. Phil. STATISTICS	Department of Statistics, University of Delhi	1995
Ph. D	Department of Statistics, University of Delhi	2020
B.A.(H), MATHEMATICAL STATISTICS	Hindu College, University of Delhi	1991
M.A. STATISTICS	Hindu College, University of Delhi	1993
JRF and NET	JOINT CSIR-UGC	1993

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	PROFESSOR	STATISTICS KIRORI MAL COLLEGE, DELHI	22.Sep.2022 - Till date	

CAREER PROFILE	ASSOCIATE PROFESSOR	STATISTICS KIRORI MAL COLLEGE, DELHI	09.Sep.2007 - 21.Sep.2022	
CAREER PROFILE	READER'S GRADE	STATISTICS KIRORI MAL COLLEGE, DELHI	09.Sep.2004 - 08.Sep.2007	
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	STATISTICS KIRORI MAL COLLEGE, DELHI	01.Jul.2021 - 30.Jun.2023	
CAREER PROFILE	SENIOR LECTURER	STATISTICS KIRORI MAL COLLEGE, DELHI	21.Dec.1999 - 08.Sep.2004	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROVIDENT FUND COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Jul.2022 - Till date	
CAREER PROFILE	LECTURER	STATISTICS KIRORI MAL COLLEGE, DELHI	23.Jan.1996 - 20.Dec.1999	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CANTEEN COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Jul.2023 - Till date	
CAREER PROFILE	LECTURER	STATISTICS RAMJAS COLLEGE, DELHI	16.Oct.1995 - 22.Jan.1996	Temporary
ADMINISTRATIVE ASSIGNMENTS	MEMBER	FAPS – THE FINE ARTS & PHOTOGRAPHY SOCIETY KIRORI MAL COLLEGE, DELHI	01.Jul.2023 - Till date	
CAREER PROFILE	LECTURER	STATISTICS KIRORI MAL COLLEGE, DELHI	24.Aug.1994 - 15.Oct.1995	Adhoc
ADMINISTRATIVE ASSIGNMENTS	MEMBER	G20 COMMITTEE KIRORI MAL COLLEGE, DELHI	10.May.2023 - 11.May.2023	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	FOREIGN STUDENTS' COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Jul.2022 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PLACEMENT CELL KIRORI MAL COLLEGE, DELHI	01.Jul.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS KIRORI MAL COLLEGE, DELHI	01.Jul.2022 - Till date	ADMISSION-in-CHARGE , DEPARTMENT OF STATISTICS
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STUDENT UNION ACTIVITIES COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Jul.2021 - 30.Jun.2023	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	HOSTEL ADMISSION COMMITTEE KIRORI MAL COLLEGE, DELHI	01.Jul.2021 - 30.Jun.2023	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	SPORTS COUNCIL KIRORI MAL COLLEGE, DELHI	01.Jul.2021 - 30.Jun.2023	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	THE SPIC MACAY UNIT KIRORI MAL COLLEGE, DELHI	01.Jul.2022 - 30.Jun.2023	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	COORDINATING COMMITTEE FOR INFORMATION AND TECHNOLOGY Kirori Mal College	01.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	OTHERS Kirori Mal College	01.Jul.2023 - Till date	Committee for centralize Laboratories of Computers
ADMINISTRATIVE ASSIGNMENTS	CO-COORDINATOR	OTHERS Kirori Mal College	23.Nov.2023 - 28.Feb.2024	Deputy Coordinator in Central Evaluation Centre for December, 2023-january, 2024 Examination at Kirori Mal College
ADMINISTRATIVE ASSIGNMENTS	CO-COORDINATOR	OTHERS Kirori Mal College	23.Nov.2023 - 28.Feb.2024	Deputy coordinator in Central Evaluation Centre for December 2023- January 2024 Examination at Kirori Mal College
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROVIDENT FUND COMMITTEE KIRORI MAL COLLEGE	01.May.2024 - 30.Apr.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	STATISTICS KIRORI MAL COLLEGE	01.May.2024 - 30.Apr.2025	ADMISSION-IN-CHARGE, DEPARTMENT OF STATISTICS
ADMINISTRATIVE ASSIGNMENTS	MEMBER	FOREIGN STUDENTS' COMMITTEE KIRORI MAL COLLEGE	01.May.2024 - 30.Apr.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	COORDINATING COMMITTEE FOR INFORMATION AND TECHNOLOGY KIRORI MAL COLLEGE	01.May.2024 - 30.Apr.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CANTEEN COMMITTEE KIRORI MAL COLLEGE	01.May.2024 - 30.Apr.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PLACEMENT CELL KIRORI MAL COLLEGE	01.May.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PLACEMENT CELL KIRORI MAL COLLEGE	01.May.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PLACEMENT CELL KIRORI MAL COLLEGE	01.May.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	FAPS – THE FINE ARTS & PHOTOGRAPHY SOCIETY KIRORI MAL COLLEGE	01.May.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	KIRORI MAL COLLEGE KIRORI MAL COLLEGE	01.May.2024 - 31.May.2025	COMMITTEE FOR CENTRALISED LABORATORIES OF COMPUTERS

#### 4. Other Profiles

**Other Profile Name/ Description**

### **SYLLABUS FORMATION**

1. B.Sc. (H) Statistics, UGCF SEMESTER 7 GE-7a. Non-Parametric methods
2. B.Sc. (H) Statistics, UGCF SEMESTER 7 Multivariate Analysis
3. B.Sc. (H) Statistics, UGCF SEMESTER 6 Testing of Hypothesis
4. B.Sc. (H) Statistics, UGCF SEMESTER 5 Theory of Estimation
5. B.Sc. (H) Statistics, UGCF SEMESTER 8 DSE-6a. Non-Parametric testing

### **SYLLABUS FORMATION**

1. B.Sc. (H) Statistics, UGCF SEMESTER 3 Advanced Theory of Probability Distributions
2. B.Sc. (H) Statistics, UGCF SEMESTER 4 Sampling Distributions
3. B.A.(P)/B.Sc. (P) Statistics, UGCF SEMESTER 4 Statistical Inference
4. B.Sc. (H) Statistics, UGCF SEMESTER 2 Theory of Probability and Distribution
5. B.Sc. (H) Statistics, UGCF SEMESTER 1 GEI(a) Statistical Methods- I

### **OTHERS**

1. Deputy coordinator Central Evaluation Centre Nov.-Dec. 2023
2. Deputy coordinator Central Evaluation Centre July-August 2023
3. Deputy coordinator Central Evaluation Centre May-June 2023
4. Deputy coordinator Central Evaluation Centre Feb-March 2023

### **OTHERS**

1. Deputy coordinator Central Evaluation Centre Nov-Dec 2022
2. Deputy coordinator Central Evaluation Centre August 2022
3. Deputy coordinator Central Evaluation Centre May-June 2022

**MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES**

INDIAN SOCIETY FOR PROBABILITY AND STATISTICS (ISPS)

**MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES**

- Member, Faculty of Mathematical Science (23-03-2016 to 22-03-2019)

**MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES**

- Member, Committee of Courses for Undergraduate Studies (Excluding Honours) in Statistics (01-10-2017 to 30-09-2019)

**OTHERS**

Expert for appointment to the Post of Assistant professor in the Department of Statistics on ad-hoc basis in Shaheed Rajguru College of Applied Sciences for Women, University of Delhi. Year 2017 - 2020

**OTHERS**

- Subject Expert in the Panel for Interview for admission in Master of Operational Research (MOR) Programme of the Department of Operational Research, University of Delhi (2018, 2019)

**OTHERS**

- Chair the Parallel Session 2 Reliability - I Time: 15:15 – Onwards [25 June, 2022] in 1st International Conference On Mathematical, Engineering and Management Sciences

**OTHERS**

- Judge for the posters presentation by the students in the NATIONAL STUDENT CONCLAVE 2018, Amity Institute of Applied Sciences, Amity University Uttar Pradesh, Noida, Delhi
- Judge for the posters presentation by the students in the NATIONAL STUDENT CONCLAVE 2018, Amity Institute of Applied Sciences, Amity University Uttar Pradesh, Noida, Delhi

**OTHERS**

Co-cordinator for G20 program at Kirori Mal College

**OTHERS**

Member of Boards of Moderator for Department of Statistics.

**OTHERS**

Member of Boards of Moderator for Department of Statistics.

**SUBJECTS TAUGHT**

## ODD SEMESTER

DSC 8: Advanced Probability Distributions

DSC9 Mathematical Analysis

SEC-III Statistics With R

**SUBJECTS TAUGHT**

## EVEN SEMESTER

C 401: Statistical Inference

C 602: Multivariate Analysis and Nonparametric methods

**SUBJECTS TAUGHT**

## ODD SEMESTER

C 301: Sampling Distributions

GE III : Basics of Statistical Inference

C 502: Statistical computing Using C/C++

**AREAS OF INTEREST/ SPECIALIZATION**

Sampling Distributions, Statistical Inference, Reliability and Biostatistics

**OTHERS**

1. Convener / Member for paper setting End Semester Theory Examination
2. Internal examiner for End Semester Practical Examination
3. External examiner for End Semester Practical Examination

**SUBJECTS TAUGHT**

## ODD SEMESTER

DSC 8 Advanced Probability Distributions

DSC 13 Theory of Estimation

<b>OTHERS</b>
1. Convener / Member for paper setting End Semester Theory Examination
2. Internal examiner for End Semester Practical Examination
3. External examiner for End Semester Practical Examination
<b>OTHERS</b>
Member of Boards of Moderator for Department of Statistics.

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
JOURNAL PAPER (National)	A PREDICTIVE MODEL FOR PROGRESSION OF CHRONIC KIDNEY DISEASE : A SYSTEMATIC REVIEW	International Journal of Agricultural and Statistical Sciences	Alka Sabharwal1 , Gurprit Grover , Shrawan Kumar1* (Corresponding Author)	<a href="http://www.connectjournals.com/achivestoc2.php?fulltext=2646.pdf&amp;&amp;bookmark=CJ-033252&amp;&amp;issue_id=02&amp;&amp;yaer=20">http://www.connectjournals.com/achivestoc2.php?fulltext=2646.pdf&amp;&amp;bookmark=CJ-033252&amp;&amp;issue_id=02&amp;&amp;yaer=20</a>
JOURNAL PAPER (International)	On the estimation of misclassification probabilities of chronic kidney disease using continuous time hidden Markov models	Journal of Nephropharmacology	Gurprit Grover , Alka Sabharwal , Shrawan Kumar , Arpan Kumar Thakur (Corresponding Author)	<a href="https://jnephropharmacology.com/Article/npj-201901011810">https://jnephropharmacology.com/Article/npj-201901011810</a>
JOURNAL PAPER (International)	A Multi-State Markov Model for the Progression of Chronic Kidney Disease	Türkiye Klinikleri Biyoistatistik	Gurprit Grover1 , Alka Sabharwal, Shrawan Kumar, Arpan Kumar Thakur (Corresponding Author)	<a href="https://www.turkiyeklinikleri.com/article/en-a-multi-state-markov-model-for-the-progression-of-chronic-kidney-disease-84278.html">https://www.turkiyeklinikleri.com/article/en-a-multi-state-markov-model-for-the-progression-of-chronic-kidney-disease-84278.html</a>

JOURNAL PAPER (International)	Statistical significance of prognostic factors on the progression of chronic kidney disease through simulation study	Journal of Nephropharmacology	Alka Sabharwal <sup>1</sup> , Gurprit Grover , Shrawan Kumar <sup>1*</sup> (Corresponding Author)	<a href="https://jnephropharmacology.com/Article/npj-201903190856">https://jnephropharmacology.com/Article/npj-201903190856</a>
JOURNAL PAPER (International)	On the comparison of survival curves of two groups of chronic kidney disease patients based on progressively censored data	Journal of Renal Endocrinology	Shrawan Kumar (Sole Author)	<a href="https://www.jrenendo.com/Article/jre-16062">https://www.jrenendo.com/Article/jre-16062</a>
JOURNAL PAPER (National)	Reliability Modelling of a Computer System with Arrival Time of the Server	International Journal of Statistics and Reliability Engineering	Joginder Kumar, Shrawan Kumar (Joint Author)	<a href="https://ijsreg.com/article/view/reliability-modelling-of-a-comp-with-arrival-time-of-the-server">https://ijsreg.com/article/view/reliability-modelling-of-a-comp-with-arrival-time-of-the-server</a>
JOURNAL PAPER (National)	MULTICOMPONENT STRESS-STRENGTH RELIABILITY ESTIMATION OF INVERSE PARETO LIFETIME MODEL UNDER PROGRESSIVELY CENSORED DATA	International Journal of Agricultural and Statistical Sciences	Anita Kumari , Shrawan Kumar and Kapil Kumar <sup>1,*</sup> (Joint Author)	<a href="https://connectjournals.com/03899.2022.18.475">https://connectjournals.com/03899.2022.18.475</a>
JOURNAL PAPER (National)	Evaluation of Generic Variation in Indian mustard (Brassica Juncea L Czern and Coss) Using Multivariate Techniques	Journal of agriculture research and technology	Poonam Godara <sup>1</sup> , Shrawan Kumar, Darvinder Kumar (Joint Author)	<a href="https://jart.co.in/uploads/168/14232_pdf.pdf">https://jart.co.in/uploads/168/14232_pdf.pdf</a>
JOURNAL PAPER (International)	Bayesian and Classical Inferences in Two Inverse Chen Populations Based on Joint Type-II Censoring	American Journal of Theoretical and Applied Statistics	Shrawan Kumar , Anita Kumari, Kapil Kumar (First Author)	<a href="http://www.sciencepublishinggroup.com/j/ajtas">http://www.sciencepublishinggroup.com/j/ajtas</a>



JOURNAL PAPER (International)	Inference for reliability in a multicomponent stress-strength model from generalized inverted exponential lifetime distribution under progressive first failure censoring	Journal of Statistical Computation and Simulation	Anita Kumari , Shrawan Kumar, Kapil Kumar (Joint Author)	<a href="https://doi.org/10.1080/00949655.2022.2122970">https://doi.org/10.1080/00949655.2022.2122970</a>
JOURNAL PAPER (National)	Reliability Estimation in Lindley Populations Using Hybrid Censored Data	International Journal of Statistics and Reliability Engineering	Anita Kumari, Shrawan Kumar, Renu Garg (Corresponding Author)	<a href="https://ijsreg.com/article/view/reliability-estimation-in-lindley-using-hybrid-censored-data">https://ijsreg.com/article/view/reliability-estimation-in-lindley-using-hybrid-censored-data</a>
JOURNAL PAPER (International)	Naïve Bayes Classifier Model for Detecting Spam Mails	Annals of Data Science	Shrawan Kumar, Kavita Gupta, Manya Gupta (First Author)	
JOURNAL PAPER (International)	Reliability estimation for inverse Pareto lifetime model based on unified hybrid censored data	International Journal of System Assurance Engineering and Management,	Kapil Kumar & Shrawan Kumar & Renu Garg & Indrajeet Kumar (Joint Author)	<a href="https://ideas.repec.org/a/spr/ijsaem/v15y2024i6d10.1007_s02265-3.html">https://ideas.repec.org/a/spr/ijsaem/v15y2024i6d10.1007_s02265-3.html</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
2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Educational Programme for Faculty of SCERT	02.Aug.2022 - 02.Aug.2022
2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	MEMBER	International	International Conference on Knowledge Discoveries on Statistical Innovations and Recent Advances in Optimization (ICON-KSRAO)	29.Dec.2022 - 30.Dec.2022

2022	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	MEMBER	International	1st International Conference On Mathematical, Engineering and Management Sciences	25.Jun.2022 - 26.Jun.2022
2021	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	MEMBER	International	An International Conference on Recent Application of Statistical Techniques and Analysis (RASTA- 2021)	15.Dec.2021 - 17.Dec.2021
2018	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	MEMBER	International	International Conference on Emerging Innovations in Statistics & Operations Research (EISOR-2018)	27.Dec.2018 - 30.Dec.2018
2018	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	MEMBER	International	9th International Conference on Quality Reliability", "Infocom Technology & Business Operations ", at Conference Centre, University of Delhi, Delhi-110007, (India)	27.Dec.2018 - 29.Dec.2018
2021	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	National	Workshop on Statistical Meta- Analysis	23.Sep.2021 - 24.Sep.2021
2022	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	National	One Day International Webinar on "Current State of Econometrics and Career Prospects of Young Minds	12.Sep.2022 - 12.Sep.2022

**Prof. SHRAWAN KUMAR**