



Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

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



Print Date : 28-08-2026

1. Personal Profile

Title: **Prof.** First Name: **VANDANA** Last Name: **S. WALIA**

Designation: **PROFESSOR** Mobile No. **8285900700**

Phone No. (Office) **011-61382835** Phone No. (Residence): **61382835**

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Facebook: <https://www.facebook.com/vandana.s.walia> Twitter: -----

LinkedIn: <https://www.linkedin.com/in/vandana-sarin-walia-aa3993198/> Instagram: -----

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Vandana-Sarin>

Google Scholar Link: <https://scholar.google.com/citations?user=QXoSIEMAAAJ&hl=en>

Address: **H. NO. 6, TEACHERS' STAFF QUARTERS, KIRORI MAL COLLEGE, UNIVERSITY OF DELHI, DELHI-110007.**

2. Educational Qualifications

Degree/ Certification	Institution	Year
Under Graduation	Lady Shri Ram College for Women, Delhi University	1984
Post Graduation	Lady Shri Ram College for Women, Delhi University	1986
M.Phil.	Department of Statistics, Delhi University	1988
Ph.D.	Department of Statistics, Delhi University	1997

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	OTHERS	STATISTICS MATA SUNDRI COLLEGE FOR WOMEN, DELHI	16.Jul.2018 - 16.Jul.2018	Expert, Selection Committee for Adhoc
ADMINISTRATIVE ASSIGNMENTS	OTHERS	STATISTICS MATA SUNDRI COLLEGE FOR WOMEN, DELHI	11.Jul.2019 - 11.Jul.2019	Subject Expert, Selection Committee for the post of Assistant Professor (Adhoc)

ADMINISTRATIVE ASSIGNMENTS	SUBJECT EXPERT	STATISTICS MATA SUNDRI COLLEGE FOR WOMEN, DELHI	24.Jul.2018 - 24.Jul.2018	Selection Committee for the post of Assistant Professor (Adhoc)
ADMINISTRATIVE ASSIGNMENTS	NODAL OFFICER	COMMITTEE FOR COMMON COURSES KIRORI MAL COLLEGE, DELHI	14.May.2023 - Till date	The North Campus Cluster Colleges
ADMINISTRATIVE ASSIGNMENTS	CONVENER	TIME TABLE COMMITTEE KIRORI MAL COLLEGE, DELHI	01.May.2017 - 30.Apr.2019	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	PROVIDENT FUND COMMITTEE KIRORI MAL COLLEGE, DELHI	01.May.2019 - 30.Apr.2021	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	FEE CONCESSION COMMITTEE KIRORI MAL COLLEGE, DELHI	01.May.2021 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CDRT - CENTRE FOR DISABILITY RESEARCH AND TRAINING KIRORI MAL COLLEGE, DELHI	01.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PRAYAS – THE ENABLING UNIT KIRORI MAL COLLEGE, DELHI	01.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	TIME TABLE COMMITTEE Kirori Mal College	08.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	PROVIDENT FUND COMMITTEE Kirori Mal College	08.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	COORDINATING COMMITTEE FOR INFORMATION AND TECHNOLOGY Kirori Mal College	08.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	COMMITTEE FOR COMMON COURSES Kirori Mal College	08.May.2023 - Till date	
CAREER PROFILE	SUBJECT EXPERT	STATISTICS National Testing Agency	29.Aug.2023 - 31.Aug.2023	Item Writer for Statistics to develop a Question Bank
CAREER PROFILE	SUBJECT EXPERT	STATISTICS National Testing Agency	23.Sep.2023 - 23.Sep.2023	Proof Reading for statistics to develop a Question Bank.
CAREER PROFILE	SUBJECT EXPERT	STATISTICS Department of Statistics, DU	12.Sep.2023 - 12.Sep.2023	Member committee to interview candidates for admission to Ph.D Programme Academic Year 2023-2024.
ADMINISTRATIVE ASSIGNMENTS	CO-CONVENER	PKIS Kirori Mal College	03.Jan.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	UNIVERSITY OF DELHI Department of Statistics, DU	25.Oct.2023 - Till date	Committee of Courses
ADMINISTRATIVE ASSIGNMENTS	SECRETARY STAFF COUNCIL	ALL DEPARTMENT Kirori Mal College	17.May.2025 - Till date	

4. Other Profiles				
Other Profile Name/ Description				
OTHERS				
Advisor to the Interview Board for The Staff Selection Commission interview for the post of Combined Graduate Level Examination .				
OTHERS				
Advisor , The Staff Selection Commission for the interview for the post of Senior Technical Assistant .				
OTHERS				
Advisor to the Interview Board for, The Staff Selection Commission for the post of Sub Inspectors in CPOs etc.				
OTHERS				
Advisor to the Interview Board, The Staff Selection Commission is going for recruitment from Combined Graduate Level Examination, on 28 th July, 2015.				
SYLLABUS FORMATION				
Committee for the preparation and finalization the appropriate titles and contents of two applied courses on Total Quality Management and Environmental Statistics under the structure of 4 year under-graduate degree programme.				
SYLLABUS FORMATION				
Syllabus Revision of Under-Graduate Courses for CBCS				
SYLLABUS FORMATION				
Syllabus preparation for Under-graduate and Post-graduate courses under LOCF				

5. Research Guidance				
Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status

2012	Ph. D.	“Optimal orthogonally blocked mixture designs using F-squares”	Bushra Hussain	Awarded
2018	Ph. D.	“Designs for Mixture experiments through Projections”	Rashmi Goel	Awarded
2022	Ph. D.	“Efficient mixture designs using Orthogonal Arrays”	Neha Midha	Awarded
2024	Ph. D.	Choice Experiments with Mixtures	M. Khongbantabam Robinchandra	Pursuing

6. Research Projects					
Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
2012	Mapping the Spatial Topology of sub-glacier basin for NW Himalayan for multi class change detection using MODIS, Landsat and IRS data	Delhi University	One year	10,00,000	15.May.2012

7. Publications				
Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link
JOURNAL PAPER (International)	Use of Asymmetrical factorials for generating designs for quadratic mixture models.	Statistics and Probability Letters	Vandana Sarin (Joint Author)	https://doi.org/10.1016/0167-7152(95)00084-4
JOURNAL PAPER (International)	Optimal orthogonal block designs in two blocks for Becker’s mixture models in three and four components.	Statistics and Probability Letters	Vandana Sarin (Joint Author)	https://doi.org/10.1016/S0167-7152(02)00237-7
JOURNAL PAPER (International)	Optimal orthogonal designs in two blocks based on F-Squares for Darroch and Waller’s quadratic mixture model in four components.	Statistics and Applications	Vandana Sarin (Joint Author)	https://ssca.org.in/media/optimalorthogonaldesigns_Page257-274.pdf

JOURNAL PAPER (International)	Mixture designs in orthogonal blocks using F- Squares	METRON- International Journal of Statistics	Vandana Sarin (Joint Author)	https://econpapers.repec.org/ RePEc:mtn:ancoec:090201
JOURNAL PAPER (International)	Nearly Optimal Orthogonally Blocked Designs for Four Mixture Components Based on F Squares	Communications in Statistics- Simulation and Computation	Vandana Sarin (Joint Author)	https://www.tandfonline.com/doi/abs/10.1080/03610918.2010.533226 https://doi.org/10.1080/03610918.2010.533226
JOURNAL PAPER (International)	Orthogonally blocked mixture component-amount designs via projections of F-Squares.	Journal of Korean Statistical Society	Vandana Sarin (Joint Author)	https://link.springer.com/article/10.1016/j.jkss.2011.05.007
JOURNAL PAPER (International)	Orthogonally blocked designs for Darroch and Waller Model	International Journal of Agricultural Statistical Sciences	Vandana Sarin (Joint Author)	http://www.connectjournals.com/toc.php?bookmark=CJ-033252&&did=01&&volume=14&&issue_id=01&&volume_year=2018&&issn=033252
JOURNAL PAPER (International)	Mixture Designs Based on Hadamard Matrices	Statistics and Applications	Vandana Sarin (Joint Author)	https://ssca.org.in/media/6_2018_162_Rashmi_Goel_R3ZDPqf.pdf
JOURNAL PAPER (International)	13. Mixture Designs Generated by Orthogonal Arrays Developed using Difference Schemes	International Journal of Mathematical, Engineering and Management Sciences	Vandana Sarin (Joint Author)	
JOURNAL PAPER (International)	Efficient Mixture Designs using Galois Field	International Journal of Applied Mathematics and Statistics	Vandana Sarin (Joint Author)	

CONFERENCE PAPER/ PROCEEDINGS (National)	Mixture Designs Based on Plackett-Burman Designs	Gujrwala Guru Nanak Khalsa College	Vandana Sarin (Joint Author)	
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8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
BOOK (National)	Mixture designs based on Plackett and Burman designs	Vandana Sarin (Joint Author)	Gujranwala Guru Nanak Khalsa College, Civil Lines, Ludhiana, PB	978-9385835-55-1

9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
1999	REFRESHER COURSE ATTENDED	SENIOR LECTURER	University	Current Trends in Statistics and Computer Applications	07.Apr.1999 - 28.Apr.1999
2001	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	International	Design of Experiments-Recent Trends and Future Directions	27.Dec.2001 - 30.Dec.2001
2008	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	International	Pre-ICM International Convention on Mathematical Sciences	18.Dec.2008 - 20.Dec.2008
2010	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	National	National Meet on History of Mathematics	07.Jan.2010 - 09.Jan.2010
2001	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	National	Indian Science Congress 88th Session	03.Jan.2001 - 07.Jan.2001
2020	FACULTY DEVELOPMENT PROGRAM ATTENDED	MEMBER	University	ADVANCED PEDAGOGICAL TECHNIQUES	29.Oct.2020 - 05.Nov.2020
2020	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	University	the First National Conference on Application of Mathematical Tools in Social Sciences and Sciences (Online)	17.Oct.2020 - 18.Oct.2020

2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	NODAL OFFICER	University	Establishment of Modalities for Skill Enhancement Courses	04.Mar.2024 - 05.Mar.2024
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PROFESSOR	National	Workshop for Item Writers for Statistics to develop a Question Bank for admission to Ph.D. programmes.	28.Aug.2023 - 28.Aug.2023

Prof. VANDANA S. WALIA