



University Faculty Details Page on DU Web-site

Title	Prof.	First Name	JAGDISH	Last Name	SARAN	Photograph
Designation		PROFESSOR				
Department		STATISTICS				
Address (Campus)		DEPT. OF STATISTICS, FACULTY OF MATHEMATICAL SCIENCES, UNIVERSITY OF DELHI, DELHI-110007.				
(Residence)		A-3/25, FIRST FLOOR, PASCHIM VIHAR, NEW DELHI-110063.				
Phone No (Campus)		27666671 EXT. 304				
(Residence)optional		011-45597225				
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Email		<u>Jagdish_saran52@yahoo.co.in</u>				
Web-Page						
Education						
Subject		Institution		Year	Details	
Ph. D.		University of Delhi		1981	Thesis topic: Fluctuations of sums of random variables and rank order statistics	
M.Sc.		University of Delhi		1973	Subjects: Statistics	
B.Sc.		Agra University		1971	Subjects: Physics, Mathematics, Statistics	
Career Profile						
Organisation / Institution		Designation		Duration	Role	
Dept. of Statistics, University of Delhi		Professor		Since 01.02.1995	Teaching and Research	
Dept. of Statistics, University of Delhi		Reader		01.02.1985 to 31.01.1995	Teaching and Research	
S.V. College, Aligarh & Dept. of Statistics, University of Delhi		Lecturer		03.02.1976 to 20.11.1978 & 21.11.1978 to 31.01.1985	Teaching and Research	
Research Interests / Specialization						
Order Statistics, Fluctuation theory, Random walk, Rank order statistics						
Teaching Experience (Subjects/Courses Taught)						
More than 41 Years of teaching experience; taught Multivariate Analysis, Order Statistics, Probability Theory, Sample Surveys, Applied Statistics etc. at the postgraduate (M.A./M.Sc./M. Phil.) level.						
Honors & Awards ”						
<p>(a) I have been a “Reviewer” for “Mathematical Reviews” (published from U.S.A.) since 1980.</p> <p>(b) I have been scholarship holder throughout my academic career.</p> <p>(c) Awarded Junior Research Fellowship of C.S.I.R., New Delhi from 1973 – 1976.</p>						

Publications (LAST FIVE YEARS)			
<u>Books / Monographs</u>			
<u>Year of Publication</u>	<u>Title</u>	<u>Publisher</u>	<u>Co-Author</u>
<u>In Indexed/ Peer Reviewed Journals</u>			
<u>Year of Publication</u>	<u>Title</u>	<u>Journal</u>	<u>Co-Author</u>
2003	Recurrence relations for marginal and joint moment generating functions of generalized order statistics from power function distribution	Metron	A.Pandey
2003	Recurrence relations for marginal and joint moment generating functions of generalized order statistics from Lomax distribution	<i>J. Statist. Studies</i>	A. Pandey
2004	Recurrence relations for single and product moments of generalized order statistics from linear-exponential distribution	<i>J. Appl. Statist. Sci.</i>	A.Pandey
2004	Recurrence relations for marginal and joint moment generating functions of generalized order statistics from Pareto distribution	<i>Statistical Methods</i>	A.Pandey
2004	Estimation of parameters of a power function distribution and its characterization by k-th record values	<i>Statistica</i>	A.Pandey
2005	Estimation of parameters of a two-parameter exponential distribution and its characterization by k-th record values	<i>Internat. J. Statist. Sci.</i>	A.Pandey
2008	Recurrence relations for single and product moments of k-th record values from linear-exponential distribution and a characterization	<i>Asian J. Math. Statist.</i>	S. K. Singh
2008	Estimation of parameters of a two-parameter rectangular distribution and its characterization by k-th record values	Statistica	A.Pandey
2009	Recurrence relations for marginal and joint moment generating functions of generalized order statistics from generalized exponential distribution	<i>J. Appl. Statist. Sci.</i>	A. Pandey
2009	Recurrence relations for single and product moments of generalized order statistics from linear-exponential and Burr distributions	<i>J. Statistical Theory & Applications</i>	A. Pandey
2010	Moments of order statistics from a general class of doubly truncated continuous distributions	Pak. J. Statistics	N. Pushkarna
2010	Some general identities among single moments of order statistics	Asian J. Math. Statist.	S. K. Singh
2010	Concomitants of record values from Marshall and Olkin's bivariate exponential distributions	Internat. J. Statist. Sci.	A. Pandey
2010	Estimation of parameters of a Pareto distribution and its characterization by k-th record values	Journal of Statistical Studies	A. Pandey
2010	Estimation of parameters and prediction for Burr Type X Distribution based on k-th record values	Acharya Nagarjuna Univ. J. of Physical Sciences	A. Pandey

2011	Recurrence relations for marginal and joint moment generating functions of dual generalized order statistics from inverse Weibull distribution	Journal of Statistical Studies	A. Pandey
2012	Recurrence relations for moments of progressively type – II right censored order statistics from half logistic distribution	J. Statistical Theory & Applications	V. Pande
2012	Recurrence relations for higher moments of order Statistics from doubly truncated exponential distribution	Internat. Math. Forum	N. Pushkarna, R. Tiwari
2012	Recurrence relations for marginal and joint moment Generating functions of dual generalized order statistics From power function distribution	Pak. J. Statistics	A. Pandey
2012	Relationships for moments of k-th record values from Doubly truncated p-th order exponential and generalized Weibull distribution	ProbStat Fourm	K. Nain
2012	Recurrence relations for single and product moments of Generalized order statistics from doubly truncated p-th Order exponential distribution	J. Kerala Statist. Assoc.	K. Nain
2012	Recurrence relations for single and product moments of k-th record values from p-th order exponential distribution and a characterization	Jahangirnagar Univ. J. Statist. Studies	K. Nain
2012	On the expected values of order statistics and of the range from a discrete uniform distribution.	<i>ANU Journal of Physical Sciences</i>	<i>Sarbjit Singh</i>
2013	Combinatorial approach to M/M/1 queues using hypergeometric functions	Internat. Math. Forum	K. Nain
2013	Bonferroni and Gini indices and recurrence relations for moments of progressive type-II right censored order statistics from Marshall-Olkin exponential distribution	J. Statistical Theory & Applications	N. Pushkarna, R. Tiwari
2013	Recurrence relations for marginal and joint moment generating function of upper k-record values from Gompertz distribution	ProbStatFourm	T. Kumari
2013	Recurrence relations for higher moments of order statistics from doubly truncated Burr distribution	Statistica	N. Pushkarna, R. Tiwari
2013	Relationships for moments of order statistics from the doubly truncated Bass diffusion model	Far East J. Theoretical Statistics	N. Pushkarna, R. Tiwari
2013	On explicit expressions for single and product moments of generalized order statistics from a new class of exponential distributions and a characterization	J. Kerala Statist. Assoc.	K. Nain
2014	Moments of progressive type-II right censored order statistics from Linley distribution	Statistics Research Letters	H. Athar Z. Akhter
2014	On exact moments of lower generalized order statistics from a class of exponential distribution and its characterization	Internat. J. of Statistika & Matematika	K. Nain
2014	Moments of progressive type-II right censored order statistics from a general class of doubly truncated continuous distributions	J. Statistical Theory & Applications	N. Pushkarna,

2014	L-moments and TL-moments estimation and recurrence relations for moments of order statistics from exponentiated inverted Weibull distribution	Statistics Research Letters	D. Kumar N. Pushkarna R. Tiwari
2014	Ratio and inverse moments of k-th record values from Marshall-Olkin log-logistic distribution	<i>Pacific Journal of Applied Mathematics</i>	D. Kumar
2014	L-moments and TL-moments estimation and recurrence relations for higher moments of order statistics from Lindley distribution	<i>J. Kerala Statist. Assoc.</i>	N. Pushkarna R. Tiwari
2015	Recurrence relations for single and product moments of dual generalized order statistics from a general class of distributions	<i>Journal of Statistical Theory and Applications</i>	N. Pushkarna R. Tiwari
2015	Recurrence relations for marginal and joint moment generating functions of generalized order statistics from some specific continuous distributions	J. Kerala Statist. Assoc.	K. Nain
2015	L-moments and TL-moments estimation and relationships for moments of progressive type-II right censored order statistics from Frechet distribution	<i>ProbStat Forum</i>	N. Pushkarna R. Tiwari
2015	Moment properties of generalized order statistics from Lindley distribution	J. Statist. Appl. Prob.	N.Pushkarna R. Tiwari
2016	Recurrence relations for marginal and joint moment generating Functions of generalized order statistics from a new class of Pareto distributions	Journal of Statistical Theory and Applications	K. Nain
2016	Relationships for moments of generalized order statistics from a general class of distributions	ProbStat Forum	N. Pushkarna R. Tiwari
2017	The Kumaraswamy-Burr III distribution based on upper record Values	American Journal of Mathematical and Management Sciences	D. Kumar M. Kumar N. Jain
2017	The exponentiated Burr XII distribution: moments and estimation Based on lower record values	Sri Lankan Journal of Applied Statistics	D. Kumar N. Jain

Conference Presentations

International Conference on Statistics and Informatics in Agricultural Research (27 – 30 December 2006) : Organized by Indian Agricultural Statistics Research Institute, Library Avenue, Pusa, New Delhi - 110 012.

Participated in Pre-ICM International Convention on Mathematical Sciences, University of Delhi, 18-20 December, 2008.

Participated in 4th International Conference on Quality, Reliability and Infocom Technology, University of Delhi, 18-20 December, 2009.

Participated in National Workshop on Integrating Mathematical Science and Spirituality, University of Delhi, 21-23 December, 2009.

Participated in National Meet on History of Mathematical Sciences, University of Delhi, 07-09 January, 2010.

Attended the three day Course on Academic Administration and Management held at Institute of Lifelong Learning, University of Delhi, 21-23 January, 2010.

Participated in Indo-European Conference on Quality Assurance in Higher Education, University of Delhi, 06-07 May, 2010.

Participated in 15th Conference of Commonwealth Statisticians, VigyanBhawan, New Delhi and Hotel Le-Meridian,

New Delhi, 07-10 February, 2011.

Participated in 2nd ATP India Conference on “The Future of Higher Education Assessments : Developing an Ecosystem of Quality Examination” held at India Habitat Centre, Lodhi Road, New Delhi-3, 09 November, 2016.

Participated in Pearson VUE Exclusive Showcase Event themed “Improving India’s exam standards through global best practices” held at India Habitat Centre, Lodhi Road, New Delhi-110003, 23rd February, 2017.

Total Publication Profile optional

Books

In Indexed/ Peer Reviewed Journals

Articles

Conference Presentations

Public Service / University Service / Consulting Activity

- (a) Dean, Faculty of Mathematical Sciences, University of Delhi (2004 – 2006)
- (b) Head, Department of Statistics, University of Delhi (2003 – 2006)
- (c) Head, Department of Statistics, University of Delhi (from June 2008 to August 2008)
- (d) Head, Department of Statistics, University of Delhi (from July 2009 to July 2012)
- (e) Dean, Faculty of Mathematical Sciences, University of Delhi (from August 2013 to August 2016)
- (f) Head, Department of Statistics, University of Delhi (from August 2013 to September 2016)
- (g) Member, Governing Body, College of Vocational Studies, University of Delhi (2004 – 2006)
- (h) Member, Governing Council, Indian Statistical Institute, Kolkata (2014 – 2016)

Worked as Subject Expert in :

U.P.S.C., New Delhi
U.G.C., New Delhi
Staff Selection Commission, New Delhi
N.C.E.R.T., New Delhi
C.B.S.E., New Delhi
Karnataka Public Service Commission, Bangalore
Himachal Pradesh Public Service Commission, Shimla
J. & K. Public Service Commission
Orissa Public Service Commission
Manipur Public Service Commission
Bihar Public Service Commission
Nagaland Public Service Commission
Panjab University, Chandigarh
Guru Nanak Dev University, Amritsar
Aligarh Muslim University, Aligarh

Lucknow University, Lucknow
 Raipur University, Raipur, Chhattisgarh
 Bundelkhand University, Jhansi
 C.C.S. University, Meerut
 Kumaon University, Nainital
 C.S.I.R., New Delhi
 Indian Agricultural Statistics Research Institute, New Delhi
 Indian Statistical Institute, Kolkata
 National Brain Research Centre, Manesar, Gurgaon
 Babasaheb Bhimrao Ambedkar Central University, Lucknow
 University of Kashmir, Srinagar (J & K)
 Indian Council of Forestry Research and Education, Dehradun
 M.J.P. Rohilkhand University, Bareilly
 Dr. Bhim Rao Ambedkar University, Agra
 Banaras Hindu University, Varanasi
 EdCIL (India) Limited, EdCIL House, Sector 16-A, Noida
 Bureau of Indian Standards (B.I.S.), New Delhi
 Amity University Uttar Pradesh, Noida
 Ravenshaw University, Cuttack (Odisha)
 Pondicherry University, Pudducherry
 Indian Institute of Public Administration, New Delhi
 Central University of Haryana, Mahendergarh, Haryana
 Osmania University, Hyderabad
 Manonmaniam Sundaranar University, Tirunelveli (Tamil Nadu)
 Tripura University (a Central University)
 Cochin University of Science & Technology, Kochi

Professional Societies Memberships

Member, American Mathematical society, U.S.A.
 Life Member, Indian Science Congress Association
 Life Member, Indian Statistical Association
 Life Member, Indian Society of Probability and Statistics
 Life Member, Society of Mathematical Sciences (India)

Projects (Major Grants / Collaborations)

Other Details

- (a) Worked as a Visiting Scientist in the Department of Mathematics and Statistics, McMaster University, Hamilton, Ontario, Canada in 1988.
- (b) Refereed research papers for American Journal of Mathematical and Management Sciences.
- (c) Refereed research papers for Annals of Data Science.
- (d) Refereed research papers for Jordan Journal of Mathematics and Statistics.
- (e) Refereed research papers for Pakistan Journal of Statistics.
- (f) Refereed research papers for ProbStat Forum.
- (g) Refereed research papers for Aligarh Journal of Statistics.
- (h) Delivered an Invited Talk at the "International Conference on Combinatorial Methods and Applications to Probability and Statistics" held at McMaster University, Hamilton, Ontario, Canada in 1997.
- (i) Delivered an Invited Talk at the "4th International Conference on Lattice Path Combinatorics and Applications" held at University of Vienna, Vienna, Austria in 1998.
- (j) Delivered an Invited Talk at the "International Conference on Statistics, Combinatorics and Related Areas" held at University of Wollongong, Wollongong, Australia in 2001.
- (k) Delivered an Invited Talk in the Department of Statistics, University of Kashmir, Srinagar (J & K) in June, 2011.

(I) Delivered an Invited Talk in the Department of Statistics, University of Kashmir, Srinagar (J & K) in November, 2011.