

Dr Sarbjit Singh Brar
(Assistant Professor)

1. Corresponding address:

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2. Email and Contact Number

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3. Institution: Punjabi University, Patiala, Punjab

4. Date of Birth: 15-Jan-1982

5. Gender: Male

6. Academic Qualification



	Degree	Year	Subject	University
1.	Ph.D.	2017	Statistics	M.D. University, Rohtak
2.	M.Phil	2009	Statistics	Delhi University, Delhi
3.	M.Sc.	2007	Statistics	Punjabi University, Patiala
4.	M.Sc.	2005	Mathematics	Bikaner University, Bikaner
5.	Bachelor of Arts	2003	Mathematics, Economics, Punjabi	Punjab University

7. **Ph.D. thesis title:** Modified Estimators For Population Parameters Under Ranked Set Sampling.

Supervisor's Name: Dr. S.C. Malik

University: Maharashi Dayanand University, Rohtak, Haryana

Year of Award: 2017

8. Work Experience

S.No.	Position held	Name of Institution	From	To
1	Assistant Professor	Punjabi University	Nov. 2009	till now

9. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

S.No.	Name of Award	Awarding Agency	Year
1	JRF	CSIR	2008

10. Publications

S No.	Publication Title	Authors	Journal Name	Journal Volume	Year	Page
1	Most Efficient Estimator of Population Mean Using Known Information of Population Mode of Auxiliary variable	M.K. Sharma, Sarbjit Singh Brar, Harinder Kaur	International Journal of Applied Mathematics and Statistics™	56(5)	2017	108 - 117
2	Class of Estimators of Population Median Using New Parametric Relationship for Median	M.K. Sharma, Sarbjit Singh Brar, Harinder Kaur	International Journal of Mathematics and Statistics Invention	5(2)	2017	41-48
3	Exponential-Ratio Type	Sarbjit	International	55(3)	2016	51-62

	Estimators for Population Mean under Ranked Set Sampling	Singh Brar, S.C. Malik	Journal of Applied Mathematics and Statistics™			
4	Estimators of Population Median Using New Parametric Relationship	M.K. Sharma, Sarbjit Singh Brar, Harinder Kaur	International Journal of Statistics and Applications	6(6)	2016	368-375
5	Class of Estimators of Population Mode Using New Parametric Relationship for Mode	M.K. Sharma, Sarbjit Singh Brar, Harinder Kaur	American Journal of Mathematics and Statistics	6(3)	2016	103-107
6	Effect of Change of Origin of Variables on Ratio Estimator of Population Mean	Sarbjit Singh Brar, Jasleen Kaur	Applied Mathematics	6(3)	2016	41-47
7	Estimators of Population Mode Using New Parametric Relationship for Mode	M.K. Sharma, Sarbjit Singh Brar, Harinder Kaur	International Journal of Probability and Statistics	5(1)	2016	18-25
8	Generalized Ratio Type Estimator of Population Mean Under Ranked Set Sampling	Sarbjit Singh Brar, S.C. Malik	International Journal of Statistics and Reliability Engineering	1(2)	2014	179-193

9	Improved Estimator of Population Mean Using Auxiliary Information under Ranked Set Sampling	Sarbjit Singh Brar, S.C. Malik	International Journal of Statistics and Reliability Engineering	1(1)	2014	1-11
10	A New Ratio-Product Estimator of Population Mean Under Ranked Set Sampling	Sarbjit Singh Brar	Journal of Statistics Sciences	5(1)	2013	29-38

11. Books/General articles

S.No.	Title	Author's name	Publisher	Year of Publication
1	Discrete Order Statistics- A Review	Sarbjit Singh Brar	Lambert Academic Publishing	2015
2	Does sex-ratio indicate the extent of male preference?: A quest for better indicator	Indervir Singh, Sarbjit Singh	Munich Personal RePEc Archive https://mpra.ub.uni-muenchen.de/id/eprint/16470	2007

12. Professional Development

- Life time member of Indian Association for Reliability and Statistics(IARS) (Membership No. LM-11-2013)
- Life time Member of International Association of Engineers (IAENG) (Member Number: 130995)
- Life Member of Indian Science Congress Association (Membership No. L23354)

13. Paper Presented in Conference(s)

- Brar, S. S. (Feb, 2015). *A Class of Estimators for Population Mean Using Auxiliary Information under Ranked Set Sampling* (National Conference on Recent Trends and Developments in Statistics) held at Maharashi Dayanand University, Rohtak.
- Brar, S.S.(Feb. 11-13, 2017) *A Note on Functional Form of Modified Ratio Type Estimators* (National Conference on Statistics and Optimization Techniques (NCSOT-2017)) organized by the Department of Statistics, M.D. University, Rohtak.

14. Workshops/ Other Programs

S. No.	Programme	Duration	Organized by
1.	Refresher Course	12/05/2014 to 31/05/2014	UGC-ASC PU Patiala
2.	Orientation Course	03/10/2013 to 30/10/2013	UGC-ASC, PU Patiala
3.	Workshop on Design of Experiments	21/11/2016 to 27/11/2016	ISI, Kolkata

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