

## List of Publications of Dr. G.N. Singh

### List of Papers Published

1. Singh, V.K., Shukla, D. and **Singh, G.N.** (1989) On the use of factor type estimator with two auxiliary variables under double sampling scheme. Proc. National Seminar on Statistical Inference (UGC sponsored), University of Poona, Pune, pp. 243-255.
2. Singh, V.K., Singh, R.V.K., **Singh, G.N.** and Shukla, D. (1990) Some improved estimators of K in finite population. Proc. Math. Soc. BHU, Vol. 6, pp. 65-71.
3. Singh, V.K., Singh, R.V.K., **Singh, G.N.** (1991) Efficiency comparison of modified class of ratio-type estimators using coefficient of variation of auxiliary variable. Proc. Math. Soc. BHU, Vol.7, pp. 105-112.
4. **Singh, G.N.** and Singh, V.K. (1991) On the efficiency of product estimator in the predictive estimation of the finite population mean with measurement errors. Proc. National Symposium on Modeling Stochastic Process and O.R., Kurukshetra University, pp. 524-534.
5. Singh, V.K., **Singh, G.N.** and Shukla, D. (1991) An efficient family of ratio cum difference type estimators in successive sampling over two occasions. Journal of Scientific Research, Vol. 41C, pp. 149-159.
6. Singh, V.K. and **Singh, G.N.** (1991) Chain type regression estimators with two auxiliary variables under double sampling scheme. Metron, Vol. XLIX, No. 1-4, pp. 279-289.
7. Shukla, D., Singh, V.K. and **Singh, G.N.** (1991) On the use of transformation in factor-type estimator. Metron, Vol. XLIX, No. 1-4, 349-361.
8. Misra, N. and **Singh, G.N.** (1993) On the UMVUE for estimating the parameter of the selected exponential population. Jour. of Ind. Stat. Assoc., Vol. 31, pp. 61-69.
9. Singh, V.K., **Singh, G.N.** and Shukla, D. (1993) A general class of product-type estimators under super-population model. Jour. of Ind. Soc. of Agri. Stat., Vol. 45, No. 2, pp. 177-186.
10. Singh, V.K., Singh, B.K. and **Singh, G.N.** (1993) An efficient class of dual to ratio estimators using two auxiliary characteristics. Jour. of Scientific Research, Vol. 43, pp. 219-228.

11. Singh, V.K., **Singh, G.N.** and Shukla, D. (1994) A class of chain ratio-type estimators with two auxiliary variables under double sampling scheme. *Sankhya*, Vol. 56, Ser. B, Pt. 2, pp. 209-221.
12. **Singh, G.N.** and Upadhyaya, L.N. (1995) A class of modified chain-type estimators using two auxiliary variables in two-phase sampling. *Metron*, Vol. LIII, No. 3-4, pp. 117-125.
13. **Singh, G. N.** (1998): Study of a efficient class of estimators under super population model. MRP submitted to ISM, Dhanbad.
14. **Singh, G.N.** and Singh, V.K. (1999) On the use of auxiliary information in successive sampling for negatively correlated situations. *Mathematics and Statistics in Engineering and Technology*, Narosa Publication, pp. 109-113.
15. **Singh, G.N.** (2000) A general class of ratio-type estimators under super-population model. *Biometrical Journal*, Vol. 42, No. 3, pp. 363-375.
16. **Singh, G.N.**, Upadhyaya, L.N. and Singh, H.P. ( 2000) On the estimation of population mean in two-phase sampling. *Jour. of Statistical Research*, Vol. 34, No.1, pp. 25-32.
17. Upadhyaya, L.N., **Singh, G.N.** and Singh, H.P. (2000) Use of transformed auxiliary variable in the estimation of population ratio in sample surveys. *Statistics in Transition*, Vol. 4, No. 6, pp. 1019-1027.
18. **Singh, G.N.**, Singh, V.K. and Updhyaya, L.N. (2000) On a family of estimator for population ratio in sample surveys. *Journal of the Kerala Stat. Assoc*, Vol. 11, pp. 12-18.
19. **Singh, G.N.** and Upadhyaya, L.N. ( 2001) An empirical study of modified ratio estimator in two-phase sampling in presence of coefficient of variation of the auxiliary variable. *Statistics in Transition*, Vol. 5, No. 2, pp. 319-326.
20. **Singh, G.N.** and Singh, V.K. (2001) On the use of auxiliary information in successive sampling. *Jour. of Ind. Soc. of Agri. Stat.*, Vol. 54, NO. 1, pp. 1-12.
21. Upadhyaya, L.N. and **Singh, G.N.** (2001) Chain-type estimators using transformed auxiliary variable in two-phase sampling. *A.M.S.E.*, Vol. 38, NO.1, 2, pp. 1-9.
22. **Singh, G. N.** (2001) On the use of transformed auxiliary variable in estimation of population mean in two phase sampling. *Statistics in Transition*, Vol. 5, No. 3, pp. 405-416.

23. **Singh, G. N.**, Prasad, R. and Upadhyaya, L. N. (2001) A general class of chain type estimators using two auxiliary variables in two phase sampling. ACTA CIENCIA INDICA, Vol. XXVII M, NO. 4, pp. 549-553.
24. Sahoo, L.N., Sahoo, J., **Singh, G.N.**, and Updhyaya, L.N. (2001) A model based comparison of six product estimators. Journal of Statistical Studies, Vol. 21, pp. 41-44.
25. **Singh, G. N.** (2002) Empirical studies of generalized class of ratio and product type estimators under a linear model. Statistics in Transition, Vol. 5, No. 4, pp. 701-720.
26. **Singh, G. N.** (2002) Estimation of population ratio in two-phase sampling. Statistics in Transition, Vol. 5, No. 6, pp. 1067-1079.
27. **Singh, G. N.** (2003) An alternative approach in two-phase sampling. ACTA CIENCIA INDICA, Vol. XXIX M, No.1, pp. 151-154.
28. Senapati, S. C., Sahoo, L. N., **Singh, G. N.** and Upadhyaya, L. N. (2003) A new approach to the estimation of population mean in two-phase sampling. Advances in Mathematical Statistical and Computational Methods in Science and Technology, Pragati Prakashan, pp. 175-180.
29. **Singh, G. N.**, Upadhyaya, L. N. and Singh, H. P. (2003) Use of transformation that utilizes known coefficient of variation of auxiliary variable in the estimation of ratio of population means in sample surveys. Advances in Mathematical Statistical and Computational Methods in Science and Technology, Pragati Prakashan, pp. 181-186.
30. **Singh, G. N.** (2003) Estimation of population mean using auxiliary information on recent occasion in h occasions successive sampling. Statistics in Transition, Vol. 6, No. 4, pp. 523-532.
31. Sahoo, L. N., Sahoo, R. K., **Singh, G. N.** and Upadhyaya, L. N. (2003) An alternative approach to the estimation of ratio in two-phase sampling. Statistics in Transition, Vol. 6, No. 4, pp. 561-570.
32. **Singh, G. N.** (2003): On the improvement of product method of estimation in sample surveys. Jour. Ind. Soc. of Agricultural Statistics, Vol. 56, No. 3, pp. 267-275.
33. **Singh, G. N.** (2004): Development of various techniques for using the auxiliary information in sample survey. MRP, submitted to ISM, Dhanbad.
34. **Singh, G. N.** (2004): A note on linear transformation for improving the ratio method of estimation in sample surveys. A. M. S. E., Vol. 9, No. 1, pp. 55-64.

35. Senapati, S. C., Sahoo, L. N. and **Singh, G. N.** (2004): On the estimation of a population mean in two-phase sampling. *Journal of Statistical Sciences*, Vol. 3, pp. 29-36.
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37. **Singh, G. N.** and Rani Rashmi (2005): Some linear transformations on auxiliary variable for estimating the ratio of two population means in sample surveys. *Model Assisted Statistics and Applications*, Vol. 1, No. 1, pp. 1-5.
38. Sahoo, L. N., Senapati, S. C. and **Singh, G. N.** (2005): An alternative class of estimators in two- stage sampling with two auxiliary variables. *Journal of Indian Statistical Association*, Vol. 43, No. 2, pp. 147-156.
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41. Sahoo, L. N., Das, B. C. and **Singh, G. N.** (2006): A note on an IPPS sampling scheme. *Allgemeines Statistisches Arciiv (A Journal of German Statistical Society)*, Vol. 90, No. 3, pp. 385-393.
42. Shukla, D., Trivedi, M. and **Singh, G. N.** (2006): Post -stratification in two-way deeply stratified population. *Statistics in Transition*, Vol. 7, No. 6, pp. 1295-1310.
43. **Singh, G. N.** and Priyanka, K. (2007): One-parameter class of estimators for median estimation in sample surveys. *Proceedings, National Seminar of RAIT 2007*, pp. 286-297.
44. **Singh, G. N.** and Priyanka, K. (2007): On the use of auxiliary information in search of good rotation patterns on successive occasions. *Bulletin of Statistics and Economics Journal*, Vol. 1, No. A07, pp. 42-60.
45. **Singh, G. N.** and Priyanka, K. (2007): Effect of non-response on current occasion in search of good rotation patterns on successive occasions. *Statistics in Transition-New Series*, Vol. 8, No. 2, pp. 273-292.
46. **Singh, G. N.** and Priyanka, K. (2007): Estimation of population mean at current occasion in successive sampling under super-population model. *Model Assisted Statistics and Applications (IOS Press)*, Vol. 2, No. 4, pp. 189-200.

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51. **Singh, G. N.** and Priyanka, K. (2008): On the use of several auxiliary variates to improve the precision of estimates at current occasion. *Jour. Ind. Soc. of Agricultural Statistics*, Vol. 62, No. 3, pp. 253-265.
52. **Singh, G. N.** and Karna, J. P. (2009): On the use of dynamic auxiliary variate to estimate the current population mean in two-occasion successive sampling. *Proceedings, National Seminar of RAIT 2009*, pp. 458-471.
53. **Singh, G. N.** and Karna, J. P. (2009): Estimation of population mean on current occasion in two-occasion successive sampling. *METRON*, Vol. LXVII, No. 1, pp. 69-85.
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56. **Singh, G. N.**, Priyanka, K., Kim, J. M. and Singh, S. (2010): Estimation of population mean using imputation techniques in sample surveys. *Journal of the Korean Statistical Society*, Vol. 39, Issue 1, pp. 67-74.
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60. **Singh, G. N.** and Priyanka (2010): Use of imputation methods in two-occasion successive sampling. *Jour. Ind. Soc. of Agricultural Statistics*, Vol. 64, No. 3, pp. 423-438.
61. **Singh, G. N.** and Prasad, S. (2010): Some estimators of population mean in two-occasion rotation patterns. *AMSE*, Vol. 47, No. 2, pp. 1-18.
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64. **Singh, G. N.** and Prasad, S. (2011): An estimator for population variance in successive sampling. *Proceedings of the 17<sup>th</sup> Convention of the Indian Geological Congress and International Conference on New Paradigms of Exploration and Sustainable Mineral Development: Vision 2050*, ISM, Dhanbad, pp. 243-252, ISBN 978-81-8465-954-2.
65. **Singh, G. N.**, Prasad, S. and Majhi, D. (2011): Best linear unbiased estimators of population variance in successive sampling. *MASA Journal* (Article in Press).
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67. **Singh, G. N.**, Karna, J. P. and Prasad, S. (2011): On the use of multiple auxiliary variables in estimation of current population mean in two-occasion successive sampling. *Proceedings of the International Conference on Statistical Concepts and Methods for the Modern World*, Colombo, Sri Lanka (Article in Press).
68. **Singh, G. N.** and Karna, J. P. (2011): On the use of super-population model in estimation of population mean in two-occasion rotation patterns. *Communications in Statistics-Theory & Methods* (Article in Press).
69. **Singh, G. N.**, Singh, V. K., Priyanka, Prasad, S. and Karna, J. P. (2011): Rotation patterns under imputation of missing data over two-occasion. *Communications in Statistics-Theory & Methods* (Article in Press)