**Curriculum Vitiate**

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| **Designation** | Assistant Professor |
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| **Education Qualification** | Ph.D-Degree (Year-2012), University of Lucknow, Lucknow |
| **Teaching Experience** | 10 Years | **Research Experience** | 16 Years |
| **Areas of Interest/ Specialization**1.Sampling Theory& Estimation2. Reliability Theory |
| **Honours & Awards**1.U.G.C.- J.R.F. & S.R.F. Fellowship |
| **Membership of Scientific Organization**1. Life member of ISMAMS(Indian Society of Mathematics and Mathematical Society)2. Life Member of JRSS (Journal of Reliability and Statistical Studies) |
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| **Total Number of Research Publications: 21**1. **Sangal K. Prabhat, Rajesh, Somnath Dutta, Neha Garg, Meenakshi Pachori & Lakhan Singh (2022) Classical estimation of reliability characteristics in Lindley distribution using progressive type censored data with beta binomial removals.** Int. Jr. Agricult.Stat. Sci.18 Supplement (1),2227-2238.
2. **Sharma Richa, Lakhan Singh, Subhash Kumar Yadav, Surendra Kumar, Surendra Kumar \* Prabhat Kumar Sangal (2022) Two efficient class of estimators for population mean estimation using auxiliary information in simple random sampling.** Int. Jr. Agricult.Stat. Sci.18 Supplement (1), 1271-1276.
3. **Varshney Rahul, Arun Pal, S.K. Yadav & Lakhan Singh (2022) Optimal strategy for improved estimation of population mean under stratified sampling design using genetic programming.** Int. Jr. Agricult.Stat. Sci.18(2), 799-804.
4. **Sana F. Ikram, Lakhan Singh, Dhananjay Kumar & Chandra M. Sharma (2022) Prospects and constraints in studying the biodiversity of agriculturally important microalgae and cyanobacteria and useful statistical tools. Biodiversity and Conservation. 31, 1095-1124.**
5. **Kumar Surendra, gagan kumar,Sudipta Saha, Padmeshwar dole & Lakhan Singh (2021) Generalised class of population mean in agriculture surveys using known auxiliary parameters and sample size.** Int. Jr. Agricult.Stat. Sci.17(2), 617-623.
6. Yadav, S.K., Surendra, kumar, Singh, Lakhan & Thanvi, Jyoti (2020) Efficient Estimation of Population Variance using Robust Measures Int. Jr. Agricult.Stat. Sci.16 (1), 299-306.
7. Yadav, Dharmendra, K., Singh, Lakhan & Yadav, S. K. (2018) New Efficient Class of Estimators for the Population Variance. Int. Jr. Agricult.Stat. Sci.14 Supliment (1) 463-468.
8. Singh, Lakhan, Yadav, S.K. & Mishra, S.S., (2018) A new Efficient Estimator for the Population Mean. Int. Jr. Agricult.Stat. Sci.14 (2), 671-677.
9. Yadav, Subhash K, Singh Lakhan, Mishra, S.S.,Mishra, P.P. & kumar, Surendra, (2017).A median based regression type estimator of the finite population mean. Int. Jr. Agricult.Stat. Sci.13 (1), 265-271.
10. Yadav, Subhash K, Subramani, Jambulingam, Mishra, Sheela, Singh Lakhan, Mishra, S.S. (2016) Improved estimation of population mean in presence of non-response using exponential estimator. Int. Jr. Agricult.Stat. Sci.12 (1), 271-276
11. Singh Lakhan (2016) An improved estimation of population mean using coefficient of skewness and quartile deviation of auxiliary variable. Int. Jr. Agricult.Stat. Sci.12 (2),459-464.
12. **Singh, Lakhan**, (2016). Improved ratio type estimator of population mean using two phase sampling.International Journal of Mathematical Archive-7(5):188 - 192, ISSN 2229 - 5046.
13. Yadav, Subhash K, Mishra, S.S., **Singh, Lakhan\*,** Shukla, A.K., Tyagi, Dusyant (2015). Efficient ratio type estimator of two population means in stratified random sampling. International journal of agricultural and statistical sciences- 11(1), 93 – 96, ISSN 0973 -1903.
14. Yadav, Subhash K, MIshra, S.S., **Singh, Lakhan\*,**Shukla, A.K., Tyagi, Dusyant (2015). Improved ratio- com- product type exponential estimators of population mean under two phase sampling for stratification. International journal of agricultural and statistical sciences-11(2), 507-512, ISSN 0973 -1903.
15. Yadav, Subhash K**\***, Mishra, Sheela, **Singh, Lakhan,**(2011). Almost unbiased jack-knifed ratio type estimator for population variance using qualitative auxiliary information. International journal of agricultural and statistical sciences- 7(1), 225 - 232, ISSN 0973 - 1903.
16. **Singh, Lakhan͙\*,** Ahmad, Aquil (2011). Configurational modeling and analysis of multicomponant parallel system with imperfect failure detuction, repair/replacement and common cause failure. Elixir Statistics – 41, 5953 – 5956, ISSN 2229-712X.
17. Ahmad, Aquil, **Singh, Lakhan\*,** Varshney, Gaurav, (2011). Configurational modeling and stochastic analysis of a complex reparable industrial system model. Journal of reliability and statistical studies-4(1), 119 - 127, ISSN 2229 – 5666
18. Yadav, Subhash K, **Singh, Lakhan\*,** Tiwari Vishwas, Shukla, A.K., (2011). Efficient exponential ratio and product type estimators of population mean under double sampling. International journal of computing- 1 (1), 103 – 106.
19. Ahmad, Aquil, **Singh, Lakhan\*,** Varshney, Gaurav, (2010). Stocastic analysis and inference on two unit stand by system with three phases of repair. International journal of agricultural and statistical sciences- 6(2), 629 - 636, ISSN 0973 - 1903.
20. Ahmad, Aquil, **Singh, Lakhan\*, (2009).** Stochastic analysis of a two identical- unit cold standby system with maximum repair time and correlated busy and idle times of the operator cum repairman. Journal of informatics and mathematical sciences. 1(2 &3), 147 – 155, ISSN 0974 – 875X.
21. Ahmad, Aquil**\***, **Singh, Lakhan,** Varshney, Gaurav, (2009). A two non identical uniy standby system model with different repair/ replacement polices and repair machine failure. International transactions in mathematical sciences and computer. 2(1), 13 – 22. ISSN 0974 – 5068.
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