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Education Qualification

Degree	Organization	Year of award
Undergraduate	University of Lucknow	2002
Post-graduation	University of Lucknow	2004
Ph.D.	University of Lucknow	2009

Professional Experience (In Years)

Teaching Experience: 15 Years

Research Experience: 18 Years

Areas of Research (Maximum Five Bullet Points)

- Sampling Theory
- Regression Analysis
- Disease Modeling
- Econometrics
- Applied Statistics

Research/Consultancy Grants

Title of Projects	Funding Agency	Duration (Specific Dates)	Total grant	Role (PI/CO-PI)
Developing improved and efficient estimators for estimating average production of Peppermint yield in Barabanki district at block levels	Council of Science and Technology, Uttar Pradesh	26.02.2018 to 25.02.2020	Rs. 5,80,000	PI
Efficient estimation of average production of sugarcane crop at Pihani block of Hardoi District	Government of Uttar Pradesh	2021 to 2024	Rs. 3,00,000	CO-PI
Statistical Modeling for Covid-19 Spread Using Different Approaches	Council of Science and Technology, Uttar Pradesh	2022 to 2024	Rs. 6,80,000	PI

Publications

S. No.	Research Papers	Impact factor
1.	Yadav, S.K., Mehra, M., Mishra, H.R. and Akhter, Y. (2025). Interpreting the COVID-19 infection data of Indian provinces for Alpha, Delta, and Omicron variants using ARIMA and Machine Learning, <i>International Journal of Biomathematics</i> , https://doi.org/10.1142/S1793524525500135 . ISSN: 1793-7159.	3.117
2.	Yadav, S.K., Vishwakarma, G.K. and Singh, A. (2025). Efficient Searls predictive estimators for the computation of mean under ranked set sampling: an application to COVID-19 data, <i>International Journal of System Assurance Engineering and Management</i> , DOI:10.1007/s13198-024-02673-5. ISSN: 0976-4348	2.747
3.	Verma, M.K., Yadav, S.K., Varshney, R. and Vishwakarma, G.K. (2025). Improved estimation strategy of mean using linear cost function under stratified sampling, <i>Quality & Quantity</i> , DOI: 10.1007/s11135-024-02021-6. ISSN: 1573-7845	4.670
4.	Yadav, V.K., Prasad, S. and Yadav, S.K. (2025). Generalized Factor-Type Exponential Estimators of Population mean in Sample Surveys, <i>Boletim da Sociedade Paranaense de Matemática</i> , 43, 1-23. DOI:10.5269/bspm.66504. ISSN: 2175-1188	0.498
5.	Yadav, S.K., Vishwakarma, G.K. and Sharma, D.K. (2024). A computational strategy for estimation of mean using optimal imputation in presence of missing observation, <i>Scientific Reports</i> , 14, 6433. DOI: 10.1038/s41598-024-57264-y. ISSN: 2045-2322.	4.440
6.	Sharma, R., Singh, L., Yadav, S.K., Kumar, M. and Kumar, A. (2024). An Efficient Ratio Estimator of Population Mean for Simple Random Sampling, <i>Journal of Mountain Research</i> , 19(2), 443-454. ISSN: 2582-5011	-
7.	Sharma, R., Singh, L., Yadav, S.K. and Kumar, S. (2024). An enhanced exponential dual to ratio-cum-product type Estimator of population mean under stratified random Sampling, <i>International Journal of Agricultural and Statistical Sciences</i> , 20(2), 575-586. ISSN: 0976-3392.	0.600
8.	Malik, D., Singh, L., Sharma, R., Yadav, S.K. and Kumar, M. (2024). A New Generalized Estimator of Population Mean Utilizing Auxiliary Parameters, <i>Journal of Mountain Research</i> , 19(1), 319-327. ISSN: 2582-5011	-
9.	Zaagan, A.A., Verma, M.K., Mahnashi, A.M., Yadav, S.K., Ahmadini, A.A.H., Meetei, M.Z. and Varshney, R. (2024). An effective and economic estimation of population mean in stratified random sampling using a linear cost function, <i>Heliyon</i> , 10 (2024) e31291. ISSN: 2405-8440.	4.003
10.	Yadav, S.K. and Sharma, D.K. (2024). Introducing new optimal class of Searls estimators of population mean using powered auxiliary parameters, <i>International Journal of Operational Research</i> , 49(3), 311-325. ISSN: 1745-7653.	0.913
11.	Singh, L., Malik, D., Kumar, M. and Yadav, S.K. (2024). Refined Batch of Estimators for Estimating Population Mean with the help of known Auxiliary Parameters, <i>International Journal of Agricultural and Statistical Sciences</i> , 20(1), 299-307. ISSN: 0976-3392.	0.600
12.	Zaagan, A.A., Meetei, M.Z., Singh, S., Gupta, R., Yadav, S.K. and Verma, M.K. (2024). Computing the Population Mean in Stratified Sampling Using an Auxiliary Attribute, <i>Journal of Autonomous Intelligence</i> , 7(5), 12-21.	0.167

	ISSN: 2630-5046.	
13.	Shams Tabrez et al. (2024). Leishmania donovani Modulates Macrophage Lipidome During Infection, <i>Parasite Immunology</i> , 46:e13066, https://doi.org/10.1111/pim.13066 , ISSN:1365-3024.	1.853
14.	Verma, N.K., Yadav, S.K. and Verma, M.K. (2024). Exploring Online Community Search Interest on Temporal Dynamics of Ayodhya: A Case Study of the Ram Mandir based on Google Search Trends Insight, <i>Annals of Library and Information Studies</i> , 71, 331-340, DOI: 10.56042/alis.v71i3.10117, ISSN: 0972-5423.	0.467
15.	Singh, V., Verma, M.R. and Yadav, S.K. (2024). Predictive modeling for sugarcane production: A Comprehensive comparison of ARIMA and machine Learning algorithms, <i>Applied Biological Research</i> , 26(1), 173-183. ISSN: 0974-4517.	0.300
16.	Yadav, S.K. , Verma, M.K. and Varshney, R. (2024). Optimal Strategy for Elevated Estimation of Population Mean in Stratified Random Sampling under Linear Cost Function, <i>Annals of Data Science</i> , DOI: 10.1007/s40745-024-00520-9. ISSN: 2198-5804.	3.422
17.	Pal, A., Varshney, R., Yadav, S.K. and Zaman, T. (2024). Improved memory-type ratio estimator for population mean in stratified random sampling under linear and non-linear cost functions, <i>Soft Computing</i> , DOI: 10.1007/s00500-023-09598-4. ISSN: 1433-7479.	4.650
18.	Yadav, S.K. , Arya, D., Koc, T. and Zaman, T. (2024). An efficient family of ratio type estimators for simple random sampling, <i>Journal of Science and Arts</i> , 24(1), 69-94. ISSN: 2068-3049.	0.400
19.	Yadav, S.K. , Khan, S.A., Tiwari, M., Kumar, A., Kumar, V. and Akhter, Y. (2024). Taking cues from machine learning, compartmental and time series models for SARS-CoV-2 omicron infection in Indian provinces, <i>Spatial and Spatio-temporal Epidemiology</i> , 48, 100634. ISSN: 1877-5853.	3.349
20.	Singh, V., Khan, S.A., Yadav, S.K. and Akhter, Y. (2024). Modeling Global Monkeypox Infection Spread Data: A Comparative Study of Time Series Regression and Machine Learning Models, <i>Current Microbiology</i> , 81:15, DOI: 10.1007/s00284-023-03531-6	2.787
21.	Yadav, R., Singh, H.P., Upadhayaya, L.N. and Yadav, S.K. (2024). Adroit family of estimators of population mean using known auxiliary parameters, <i>Journal of Computational and Applied Mathematics</i> , DOI:10.1016/j.cam.2023.115455. ISSN: 0377-0427.	2.734
22.	Yadav, S.K. , Misra, S. and Gupta, S. (2024). Improved family of estimators of population coefficient of variation under simple random sampling, <i>Communications in Statistics-Theory and Methods</i> , DOI: 10.1080/03610926.2022.2091784. ISSN: 0361-0926.	0.879
23.	Yadav, S.K. , Misra, A.K. and Bari, T. (2023). Generalized Double Sampling Class of Estimators for Population mean of Sensitive Variable Using Non-sensitive Auxiliary Parameters, <i>Journal of the Indian Society for Probability and Statistics</i> , DOI:10.1007/s41096-023-00168-3. ISSN: 2364-9569.	1.200
24.	Yadav, S.K. , Arya, D., Vishwakarma, G.K. and Verma, M.K. (2023). Generalized Ratio-Cum-Exponential-Log Ratio Type Estimators of Population Mean under Simple Random Sampling Scheme, <i>Lobachevskii Journal of Mathematics</i> , 44(9), 3889-39001. ISSN: 1995-0802.	0.944
25.	Singh, H.P., Arya, D. and Yadav, S.K. (2023). Optimal Strategy for Improved Estimation of Population Variance Using Known Auxiliary	2.305

	Parameters, <i>International Journal of Applied and Computational Mathematics</i> , 9 (5), 78. DOI: 10.1007/s40819-023-01559-7, ISSN: 2199-5796.	
26.	Ali, M., Yadav, S.K. , Gupta, R.K., Kumar, S. and Singh, L. (2023). Enhancement of Class of Estimators for Estimating Population Mean using Known Auxiliary Parameters, <i>International Journal of Agricultural and Statistical Sciences</i> , 19(2), 527-534. DOI: https://doi.org/10.59467/IJASS.2023.19 . ISSN: 0976-3392	1.336
27.	Yadav, S.K. and Smarandache, F. (2023). Generalized Neutrosophic Sampling Strategy for Elevated estimation of Population Mean, <i>Neutrosophic Sets and Systems</i> , 53, 219-238. ISSN: 2331-6055.	3.741
28.	Singh et al. (2023). A comprehensive review on PCSK9 as mechanistic target approach in cancer therapy, <i>Mini-Reviews in Medical Chemistry</i> , 23, 24-32. ISSN: 1875-5607.	3.476
29.	Yadav, S.K. , Vishwakarma, G.K., Varshney, R. and Pal, A. (2023). Improved Memory Type Product Estimator for Population Mean in Stratified Random Sampling Under Linear Cost Function, <i>SN Computer Science</i> , 4, 235. ISSN: 2661-8907.	3.781
30.	Yadav, S.K. , Sharma, D.K., Brown, K. and Baghel, S. (2023). A remedy for enhanced estimation of population mean using exponential ratio-cum-product type estimator under non-response, <i>International Journal of Operational Research</i> , 46(4), 550-570. ISSN: 1745-7653.	0.920
31.	Yadav, S.K. , Bari, T. and Vishwakarma, G.K. (2023). Generalized Double Sampling Family of Estimators for Population mean of Sensitive Variable Harnessing Non-sensitive Auxiliary Variable and Attribute, <i>Sankhyā B: The Indian Journal of Statistics</i> , DOI: 10.1007/s13571-022-00299-w, ISSN: 0976-8386.	0.784
32.	Yadav, S.K. , Sharma, D.K., and Sharma, H. (2023). Use of known population median of study variable for elevated estimation of population mean, <i>International Journal of Applied Management Science</i> , 15(1), 28-41. ISSN: 1755-8921.	1.152
33.	Yadav, S.K. and Akhter, Y. (2022). The reproductive numbers of SARS-CoV-2 vary depending on the compartmental model used during epidemiological modeling, <i>Journal of Travel Medicine</i> , ISSN: 1708-8305.	25.70
34.	Yadav, S.K. , Kumar, V. and Akhter, Y. (2022). Modeling Global COVID-19 Dissemination Data After the Emergence of Omicron Variant Using Multipronged Approaches, <i>Current Microbiology</i> , 79, 286. DOI: 10.1002/cpe.7221, ISSN: 0343-8651.	2.787
35.	Yadav, S.K. , Ahmad, S. and Riaz, M. (2022). On enhanced estimation and monitoring of population variance using robust auxiliary parameters based estimators, <i>Concurrency and Computation: Practice and Experience</i> , e7273. ISSN: 1532-0634.	2.175
36.	Yadav, S.K. , Misra, A.K. and Bari, T. (2022). Generalised classes of estimators for population mean of sensitive variable using non-sensitive auxiliary parameters, <i>International Journal of Mathematical Modelling and Numerical Optimisation</i> , 12, 3, 287-302. ISSN: 2040-3615.	0.829
37.	Yadav, S.K. , Arya, D., Kumar, R., Taruna, T. and Bouza, C. (2022). Searching best fitted regression models for the production of mango and sugarcane yields, <i>Revista Investigación Operacional</i> , 43(5), 619-628. ISSN: 0257-4306.	0.709
38.	Yadav, S.K. , Sharma, D.K., Yadav, A. and Kumar, S. (2022). Optimal	0.860

	Searls estimation of population variance under a systematic sampling scheme: a simulation study, <i>International Journal of Computing Science and Mathematics</i> , 16, 3, 239-251. ISSN: 1752-5055.	
39.	Yadav, S.K. , Sharma, D.K. and Dube, M. (2022). Modified exponential family for improved Searls estimation of finite population mean, <i>International Journal of Computing Science and Mathematics</i> , 16, 2, 149-158. ISSN: 1752-5055.	0.860
40.	Yadav, S.K. , Sharma, D.K. and Alade, J.A. (2022). Computation of Improved Searls Estimation of Population Variance Using Robust Auxiliary Parameters, <i>Recent Advances in Computer Science and Communications</i> , 15(5), 700-713. ISSN: 2666-2566.	1.063
41.	Yadav, S.K. and Dube, M. (2022). Improved Searls Estimation of Population Mean under Ranked Set Sampling, <i>Journal of the Indian Society of Agricultural statistics</i> , 75(3), 221-227. ISSN: 0019-6363.	-
42.	Yadav, S.K. , Zaman, T., Khokhar, A. and Saha, S. (2022). Questing elevated family of product estimators of Population mean using auxiliary variables, <i>Journal of Science and Arts</i> , 22 (2), 343-350.	-
43.	Razauddin, Kumar, S., Yadav, S.K. , Mayaram, Meena, R.C. and Maji, S. (2022). Variability assessment in okra [<i>Abelmoschus Esculentus</i> (L.) Moench] genotypes grown in subtropical agro-climate of central Uttar Pradesh, <i>Agricultural Mechanization in Asia</i> , 53(11), 11537-11548. ISSN: 0084-5841.	-
44.	Zaman, T., Bulut, H. and Yadav, S.K. (2022). Robust ratio-type estimators for finite population mean in simple random sampling: A simulation study, <i>Concurrency and Computation: Practice and Experience</i> , e7273. Doi:10.1002/cpe.7273. ISSN: 1532-0634.	2.175
45.	Ahmadini A.A.H., Yadav, T., Yadav, S.K. and Al Luhayb, A.S.M. (2022). Restructured searls family of estimators of population mean in the presence of nonresponse. <i>Frontiers in Applied Mathematics and Statistics</i> , 8:969068. DOI: 10.3389/fams.2022.969068. ISSN: 2297-4687.	1.634
46.	Varshney, R., Pal, A., Yadav, S.K. , Singh, L. (2022). Optimal Strategy for Improved Estimation of Population Mean under Stratified Sampling Design using Genetic Programming, <i>International Journal of Agricultural and Statistical Sciences</i> , 18(2), 799-804. ISSN: 0976-3392.	1.814
47.	Sharma, R., Singh, L., Yadav, S.K. , Kumar, S., Kumar, S. and Sangal, P.K. (2022). Two Efficient Class of Ratio Estimators for Population Mean Estimation Using Auxiliary Information in Simple Random Sampling, <i>International Journal of Agricultural and Statistical Sciences</i> , 18(Sup.1), 1271-1276. ISSN: 0976-3392.	1.814
48.	Yadav, S.K. , Sharma, D.K. and Brown, K. (2022). Estimating peppermint oil yields with auxiliary variable information, <i>International Journal of Operational Research</i> , 44, 1, 122-139. ISSN: 1745-7653.	0.920
49.	Yadav, S.K. , Sharma, D.K. and Dube, M. (2022). A simulation approach to modified Searls estimation of population mean under two-phase random sampling, <i>International Journal of Mathematics in Operational Research</i> , 22, 2, 235-251. ISSN: 1757-5869.	2.124
50.	Yadav, S.K. (2022). Modified Searls Predictive Estimation of Population Mean Using Known Auxiliary Character, <i>Thailand Statistician</i> , 20 (1), 53-65. ISSN: 2351-0676.	0.852
51.	Yadav, D.K., Sharma, D.K. and Yadav, S.K. (2022). A new generalised median-based estimator of the finite population mean, <i>International Journal</i>	0.920

	<i>of Operational Research</i> , 43, 4, 498-511. ISSN: 1745-7653.	
52.	Vishwakarma, G.K., Yadav, S.K. , Bari, T. (2022). Generalized Difference-Cum Exponential Class of Estimators for Estimating Population Parameters of the Sensitive Variable, <i>Mathematical Problems in Engineering</i> , https://doi.org/10.1155/2022/7890489 . ISSN: 1563-5147	1.305
53.	Sharma, D.K. and Yadav, S.K. (2022). Optimal generalized Searls estimation procedure of population mean under ranked set sampling scheme, <i>International Journal of Mathematics in Operational Research</i> , 21, 3, 305-320. ISSN: 1757-5869.	2.124
54.	Yadav, S.K. , Vishwakarma, G.K. and Kumar, N. (2022). Improved Estimation Strategy for Population Mean using Auxiliary Information, <i>Lobachevskii Journal of Mathematics</i> , 43 (1), 248-256. ISSN: 1995-0802.	0.969
55.	Dube, M., Yadav, S.K. and Singh, V. (2022). An Application of Multivariate Method for Evaluation of Regional Disparities in Infrastructural Development: A Case Study, <i>International Journal of Ecological Economics and Statistics</i> , 43(1), 47-57. ISSN: 0973-7537.	-
56.	Dube, M., Yadav, S.K. and Singh, V. (2022). Uncovering Regional Disparities in Infrastructural Development of Uttar Pradesh: An Exploratory Factor Analysis, <i>Journal of Reliability and Statistical Studies</i> , 15(1), 21-36. ISSN: 2229-5666.	0.875
57.	Yadav, S.K. and Akhter, Y. (2022). Response: Commentary: Statistical Modeling for the Prediction of Infectious Disease Dissemination With Special Reference to COVID-19 Spread. <i>Frontiers in Public Health</i> , 9:783201. DOI: 10.3389/fpubh.2021.783201, ISSN: 2296-2565.	5.989
58.	Yadav, S.K. , Zhao, S. and Akhter, Y. (2022). Response to Comments on “Preliminary estimation of the basic reproduction number of novel corona virus (2019-nCoV) in China, from 2019 to 2020: a data-driven analysis in the early phase of the outbreak”, <i>International Journal of Infectious Diseases</i> , 115, 70-71. ISSN: 1878-3511.	10.682
59.	Sharma, D.K., Yadav, S.K. and Sharma, H. (2022). Improvement in estimation of population variance utilising known auxiliary parameters for a decision-making model, <i>International Journal of Mathematical Modelling and Numerical Optimisation</i> , 12, 1, 15-28. ISSN: 2040-3615.	0.829
60.	Yadav, S.K. and Akhter, Y. (2021). Statistical Modeling for the Prediction of Infectious Disease Dissemination With Special Reference to COVID-19 Spread. <i>Frontiers in Public Health</i> , 9, 645405. DOI:10.3389/fpubh.2021.645405, ISSN: 2296-2565.	5.989
61.	Yadav, S.K. , Sharma, D.K. and Sharma, H. (2021). Advanced class for variance estimation utilising known quartiles of the auxiliary variable, <i>International Journal of Applied Management Science</i> , 13, 3, 226-239. ISSN: 1755-8921.	1.152
62.	Yadav, S.K. , Sharma, D.K. and Baghel, S. (2021). Upgraded Family of Estimators of Population Mean using Known Parameters of Auxiliary and Study Variables, <i>International Journal of Mathematical Modelling and Numerical Optimisation</i> , 11, 3, 252-274. ISSN: 2040-3615.	0.750

63.	Yadav, S.K., Sharma, D.K., and Brown, K. (2021). New Class of Estimators for Enhanced Estimation of Average Production of Peppermint Yield Utilizing Known Auxiliary Variable, <i>International Journal of Mathematics in Operational Research</i> , 20, 2, 281-295. ISSN: 1757-5869.	2.124
64.	Yadav, S.K., Sharma, D.K., and Mishra, S.S. (2021). New modified ratio type estimator of population mean using known median of study variable, <i>International Journal of Operational Research</i> , 41, 2, 151-167. ISSN: 1745-7653.	0.920
65.	Yadav, S.K. and Zaman, T. (2021). Use of some conventional and non-conventional parameters for improving the Efficiency of ratio-type estimators, <i>Journal of Statistics & Management Systems</i> , 24(5), 1077-1100. DOI: 10.1080/09720510.2020.1864939. ISSN: 2169-0014.	-
66.	Yadav, S.K., Sharma, D.K., Alade, A.J. and Shukla, A.K. (2021). Naive Regression Growth Models for Prediction of Peppermint Yield Production, <i>Journal of Reliability and Statistical Studies</i> , 14, 2, 451-470. ISSN: 2229-5666.	0.875
67.	Sharma, D.K., Yadav, S.K. and Sharma, H. (2021). Advanced class for variance estimation utilising known quartiles of the auxiliary variable, <i>International Journal of Applied Management Science</i> , 13, 3, 226-239. ISSN: 1755-8921.	0.462
68.	Yadav, S.K., Sharma, D.K., and Kadilar, C. (2021). New family of estimators for population mean using regression-cum-ratio exponential estimators, <i>International Journal of Mathematics in Operational Research</i> , 18, 1, 85-114. ISSN: 1757-5869.	2.124
69.	Yadav, S.K. and Baghel, S. (2021). A redefined class of ratio estimators using auxiliary information for the estimation of population mean under simple random sampling scheme, <i>Revista Investigacion Operacional</i> , 42, 2, 279-293. ISSN: 0257-4306.	0.709
70.	Mradula, Yadav, S.K., Varshney, R. and Dube, M. (2021). Efficient estimation of population mean under stratified random sampling with linear cost function, <i>Communications in Statistics - Simulation and Computation</i> , 50(12), 4364-4387. ISSN: 1532-4141.	0.614
71.	P.P. Mishra, T. Poongodi, S.K. Yadav and S.S. Mishra (2021). Algorithmic approach to time-cost analysis of queued commodity flowing through critical path, <i>International Journal of Mathematics in Operational Research</i> , 18, 2, 169-186. ISSN: 1757-5869.	2.124
72.	Dube, M., Singh, V. and Yadav, S.K. (2020). Assessment of the regional disparities in development of Agricultural sector in Uttar Pradesh: A statistical Analysis, <i>International journal of Agricultural and Statistical Sciences</i> , 16, 2, 617-624. ISSN: 0976-3392.	1.814
73.	Dube, M., Singh, V. and Yadav, S.K. (2020). Agricultural Development in Uttar Pradesh: A Statistical Evaluation, <i>International journal of Agricultural and Statistical Sciences</i> , 16, Supplement 1, 1033-1040. ISSN: 0976-3392.	1.814
74.	Singh, B.B., Rawat, S., Yadav, S.K. and Mishra, S.S. (2020). Optimization of markovian arrival and service queuing Model under fuzziness, <i>International journal of Agricultural and Statistical Sciences</i> , 16, 2, 567-572. ISSN: 0976-3392.	1.814
75.	Yadav, S.K., Baghel, S., Saxena, S. and Singh, A.K. (2020). Estimation of Average Paddy Production of Pira Nagar Village at Barabanki District in India, <i>Journal of Reliability and Statistical Studies</i> , 13, 1, 127-148.	0.875

	ISSN: 2229-5666.	
76.	Akhter, Y., Ahmed, M. and Yadav, S.K. (2020) . Quality deprivation through quality assessment: the academic score system in Indian higher education, <i>Academia</i> , 20-21, 6-28. ISSN: 2241-1402.	0.143
77.	Baghel, S. and Yadav, S.K. (2020) . Restructured class of estimators for population mean using an auxiliary variable under simple random sampling scheme, <i>Journal of Applied Mathematics, Statistics and Informatics</i> , 16, 1, 61-75. ISSN: 1339-0015.	-
78.	Yadav, S.K. , Kumar, S., Singh, L. and Thanvi, J. (2020). Efficient estimation of population variance using robust measures, <i>International journal of Agricultural and Statistical Sciences</i> , 16, 1, 299-306. ISSN: 0976-3392.	1.814
79.	Yadav, S.K. and Zaman, T. (2020). A general exponential family of estimators for population mean using auxiliary attribute, <i>Journal of Science and Arts</i> , 20, 1(50), 25-34. ISSN: 1844-9581.	-
80.	Shukla, A.K. and Yadav, S.K. (2020) . New linear model for optimal cluster size in cluster sampling, <i>Statistics in Transition new series</i> , 21, 2, 189-200. ISSN: 1234-7655.	0.525
81.	Yadav, S.K. , Sharma, D.K., and Brown, K. (2020). New class of estimators of the population mean using the known population median of the study variable, <i>International Journal of Mathematics in Operational Research</i> , 16, 2, 179-201. ISSN: 1757-5869.	2.124
82.	Yadav, S.K. , Yadav, O.P. and Yadav, D.K. (2019). Dexterous Estimation of Population Mean in Survey Sampling Under Non-Response Error, <i>International Journal of Mathematical, Engineering and Management Sciences</i> , 4, 6, 1307-1324. ISSN: 2455-7749.	0.667
83.	Yadav, S.K. , Dixit, M.K., Dhungana, H.N. and Mishra, S.S. (2019). Improved estimators for estimating average yield using auxiliary variable, <i>International Journal of Mathematical, Engineering and Management Sciences</i> , 4, 5, 1228-1238. ISSN: 2455-7749.	0.667
84.	Yadav, S.K. , Mishra, S.S. and Gupta, S. (2019). An efficient estimator for population variance using parameters of an auxiliary variable, <i>Journal of Statistics & Management Systems</i> , 22, 6, 1005-1013. ISSN: 2169-0014.	-
85.	Singh, L., Yadav, S.K. , Mishra, S.S. (2018). A new efficient estimator for the population mean, <i>International journal of Agricultural and Statistical Sciences</i> , 14, 2, 671-677. ISSN: 0976-3392.	1.814
86.	Zatezalo, T., Gupta, S., Yadav, S.K. and Shabbir, J. (2018). Assessing the Adequacy of First Order Approximations in Ratio Type Estimators, <i>Journal of Interdisciplinary Mathematics</i> , 21, 6, 1395-1411. ISSN: 2169-012X	0.584
87.	Yadav, S.K. , Mishra, S.S., Mishra, P.P. and Singh, R.S. (2018). New efficient class of estimators for the population variance, <i>International journal of Agricultural and Statistical Sciences</i> , 14, 2, 491-496. ISSN: 0976-3392.	1.814
88.	Yadav, D.K., Devi, M. and Yadav, S.K. (2018) . Estimation of finite population mean using known coefficient of variation in the simultaneous presence of non-response and measurement errors under double sampling scheme, <i>Journal of Reliability and Statistical Studies</i> , 11, 1, 51-66. ISSN: 2229-5666.	0.875
89.	Kumar, S. and Yadav, S.K. (2017) . New proposed model of public expenditure, <i>Indian journal of finance</i> , 11, 8, 26-39. ISSN: 0973-8711.	0.412

90.	Yadav, S.K. and Pandey, H. (2017). A new difference type median based estimator of the finite population mean, <i>International journal of Agricultural and Statistical Sciences</i> , 13, 1, 289-295. ISSN: 0976-3392.	1.814
91.	Yadav, S.K. , Singh, L., Mishra, S.S., Mishra, P.P. and Kumar, S. (2017). A median based regression type estimator of the finite population mean, <i>International journal of Agricultural and Statistical Sciences</i> , 13, 1, 265-271. ISSN: 0976-3392.	1.814
92.	Mishra, P.P., Mishra, S.S., Yadav, S.K. , Singh, R.S. and Kumar, R. (2017). Quantification of Node Wise Commodity in Supply Chain and Its Cost Analysis, <i>American Journal of Operations Research</i> , 7, 64-82. ISSN: 2160-8849.	-
93.	Mishra, S.S., Sharma, D.K., Yadav, S.K. and Rawat, S. (2017). Computational approach to fizzified profit optimization of inventory flow in supply chain with deteriorating items. <i>International Journal of Operational Research</i> , 12, 1, 271-276. ISSN: 1745-7653.	0.518
94.	Yadav, S.K. , Misra, S., Mishra, S.S., Shukla, A.K. and Chaudhary, N.K. (2016). Efficient estimation of population mean using non-conventional measures of dispersion of auxiliary variable, <i>International journal of Agricultural and Statistical Sciences</i> , 12, 2, 547-553. ISSN: 0976-3392.	1.814
95.	Yadav, S.K. , Mishra, S.S., Kumar, S. and Kadilar, C. (2016). A new improved class of estimators for the population variance, <i>Journal of Statistics Applications and Probability</i> , 5, 3, 385-392. ISSN: 2090-8431.	0.250
96.	Yadav, S.K. , Subramani, J., Misra, S., Singh, L. and Mishra, S.S. (2016). Improved estimation of population mean in presence of non response using exponential estimator, <i>International journal of Agricultural and Statistical Sciences</i> , 12, 1, 271-276. ISSN: 0976-3392.	1.814
97.	Yadav, S.K. , Mishra, S.S., Singh, L., Shukla, A.K. and Tyagi, D. (2015). Efficient ratio type estimator of two population means in Stratified random sampling, <i>International journal of Agricultural and Statistical Sciences</i> , 11, 1, 93-96. ISSN: 0976-3392.	1.814
98.	Yadav, S.K. , Mishra, S.S., Singh, L., Shukla, A.K. and Tyagi, D. (2015). Improved Ratio-cum-Product type exponential estimators of population mean under two phase sampling for stratification, <i>International journal of Agricultural and Statistical Sciences</i> , 11, 2, 507-512. ISSN: 0976-3392.	1.814
99.	Shukla, A.K., Yadav, S.K. and Tiwari, V. (2015). Linear Models for S-Shaped Growth Curves, <i>Journal of Statistics Applications and Probability</i> , 4, 1, 1-5. ISSN: 2090-8431.	0.250
100.	Yadav, S.K. and Mishra, S.S., Shukla, A.K. and Tiwari, V. (2015). Improvement of Estimator for Population Variance using Correlation Coefficient and Quartiles of the Auxiliary Variable, <i>Journal of Statistics Applications and Probability</i> , 4, 2, 259-263. ISSN: 2090-8431.	0.250
101.	Yadav, S.K. and Mishra, S.S. (2015). Developing Improved Predictive Estimator for Finite Population Mean Using Auxiliary Information, <i>Statistika</i> , 95, 1, 76-85. ISSN: 1804-8765.	0.491
102.	Yadav, S.K. , Kadilar, C., Shabbir, J. and Gupta, S. (2015). Improved Family of Estimators of Population Variance in Simple Random Sampling, <i>Journal of Statistical Theory and Practice</i> , 9, 2, 219-226. ISSN: 1559-8616.	0.417
103.	Yadav, S.K. Mishra, S.S., Tiwari, V. and Shukla, A.K. (2014). Computational Approach to Generalized Ratio Type Estimator of Population Mean Under Two Phase Sampling, <i>International Journal on Recent and Innovation Trends in Computing and Communication</i> , 2, 10, 3013-3017.	0.682

	ISSN:2321-8169	
104.	Yadav, S.K. and Shukla, A.K. (2014). Improved Product cum Dual to Product Estimator of Population Mean in Stratified Random Sampling, <i>Journal of Statistics Applications and Probability</i> , 3, 3, 1-6.ISSN: 2090-8431	0.250
105.	Yadav, S.K. and Kadilar, C. (2014). A two parameter variance estimator using auxiliary information, <i>Applied Mathematics and Computation</i> , 226, 117–122. ISSN: 0096-3003.	3.882
106.	Yadav, S.K. and Kadilar, C. (2013). A Class of Ratio-Cum-Dual to Ratio Estimator of Population Variance, <i>Journal of Reliability and Statistical Studies</i> , Vol. 6, 1, 29-34. ISSN: 2229-5666.	0.875
107.	Shukla, A.K., Yadav, S. K. and Misra, G. C. (2013). A Linear Model for Uniformity Trial Experiments, <i>Statistics in Transition-new series</i> , 14, 1, 161-170. ISSN: 1234-7655	0.284
108.	Yadav, S.K. and Kadilar, C. (2013). Improved Exponential Type Ratio Estimator of Population Variance, <i>Revista Colombiana de Estadística</i> , 36, 1, 145-152. ISSN: 0120-1751.	0.286
109.	Yadav, S.K. and Kadilar, C. (2013). Efficient family of exponential estimator for population mean, <i>Hacettepe journal of Mathematics and Statistics</i> , 42, 6, 671 - 677. ISSN: 1303-5010.	0.591
110.	Yadav, S.K. and Kadilar, C. (2013). Improved Class of Ratio and Product Estimators, <i>Applied Mathematics and Computation</i> , 219, 10726-10731. ISSN: 0096-3003	3.882
111.	Misra, G.C., Yadav, S.K. and Shukla, A.K. (2011). A class of regression type estimators in survey sampling, <i>Statistics in Transition-new series</i> , 12, 3, 579-586. ISSN: 1234-7655.	0.284
112.	Yadav, S.K. , Singh, L. and Misra, S. (2011). Almost unbiased jackknifed ratio type estimator for population variance using qualitative auxiliary information, <i>International Journal of Agriculture Statistical Sciences</i> , 7, 1, 225-232. ISSN: 0976-3392.	1.814
113.	Yadav, S.K. and Pandey, H. (2011). Ratio type estimator of square of coefficient of variation using qualitative auxiliary information under double sampling scheme, <i>International Journal of Agriculture Statistical Sciences</i> , 7, 1, 233-242.ISSN: 0976-3392.	1.814
114.	Misra, G.C., Yadav, S.K. , Shukla, A.K. and Bahadur, R. (2010). Use of Non-Linear model for improved estimation in cluster sampling, <i>Journal of Reliability and Statistical Studies</i> , 3, 2, 73-78. ISSN: 2229-5666.	0.875
115.	Misra, G.C., Shukla, A.K. and Yadav, S.K. (2009). A comparison of regression methods for improved estimations in sampling, <i>Journal of Reliability and Statistical Studies</i> , 2, 2, 85-90.ISSN: 2229-5666.	0.875
116.	Misra, S., Yadav, S.K. and Pandey, A. (2008). Ratio type Estimator of square of coefficient of variation using qualitative auxiliary information, <i>Journal of Reliability and Statistical Studies</i> , 1, 1, 42-47.ISSN: 2229-5666.	0.875

Authored Books/ Edited Books/ Book Chapters

S. No.	Authored Book(s)
1.	S.K. Yadav (2013). Advanced Sampling-The estimation of population parameters, <i>Lambert Academic Publishing (LAP)</i> , Germany. ISBN-978-3-659-47312-8.
2.	S.K. Yadav (2014). Auxiliary Information and Estimation of Population Mean, <i>Lambert Academic Publishing (LAP)</i> , Germany. ISBN-978-3-659-51607-8.

S. No.	Edited Book(s)
1.	Advance Research Trends in Statistics and Data Science, MKSES Publisher, Lucknow-226012 (India). Editor(s): Dr. D.K. Yadav, Dr. S.K. Yadav , Dr. Ankansha Singh, Dr. Shailendra Kumar.
S. No.	Book Chapter(s)
1.	S.K. Yadav and Yusuf Akhter (2021). Chapter 2: Statistical Measures for Biological and Medical Sciences, (Advances in Mathematical and Statistical Modeling), <i>Weser Books</i> , Germany. ISBN: 978-3-96492-334-9. Editor(s): Prof. Himanshu Pandey.
2.	S.S. Mishra, S. Rawat, S.K. Yadav , P.P. Mishra (2022). Chapter 10: Cost Analysis of Supply Chain Model for Deteriorating Inventory Items with Shortages in Fuzzy Environment, (Data Analytics and Artificial Intelligence for Inventory and Supply Chain Management), Springer Nature Singapore Pte Ltd., ISBN 978-981-19-6336-0. Editor(s): Prof. Dinesh K. Sharma, Prof. Madhu Jain.

Research Supervision

	Completed	Ongoing
PG	16	-
M.Phil	01	-
Ph.D	05	03
Post-Doctoral	-	-

Honors, Recognition and Awards

- *Young researcher travel Award-2014, University of North Carolina- Greensboro, USA.
- *Young Scientist Award-2016, Venus International Research Foundation, Chennai, INDIA.
- * Best Paper Award-2018, MTMI International Conference at Virginia Beach Resort Hotel, Virginia Beach, Virginia, USA.
- * Research and Academic Excellence Award-2020, Babasaheb Bhimrao Ambedkar University, Lucknow
- * Research and Academic Excellence Award-2021, Babasaheb Bhimrao Ambedkar University, Lucknow
- * Research and Academic Excellence Award-2022, Babasaheb Bhimrao Ambedkar University, Lucknow
- * Best Paper Award-2022, Online International conference jointly organized by American Institute of Management and Technology, USA and Gautam Budha University, Greater Noida, India
- * Research and Academic Excellence Award-2023, Babasaheb Bhimrao Ambedkar University, Lucknow

Membership of Professional Bodies

- * Indian Science Congress: Membership No. L14913
- * Indian Society of Mathematics and Mathematical Sciences: Membership No. 270
- * International Academy of Physical Sciences: Life member
- *International Indian Statistical Association: IN-00-2728
- *Indian Society of Agricultural Statistics: NLM/23-24
- *Indian Society for Medical Statistics: 202334/LM
- *Society of Statistics, Computer and Applications: IM 20230494
- *Indian Society for Probability and Statistics: Life member

Seminar/Conference/Symposia /Workshops Organized

S. No.	Details of Conference	Organizer	Position
1.	National seminar on “Current Trends in Mathematics with Special Focus on Operation Research and Computers” Sponsored by	Department of Mathematics and Statistics, Dr Ram Manohar Lohia Avadh University, Ayodhya, U.P.	Member Organizing Committee

	Department of Higher Education, Govt. of Uttar Pradesh, India during 28-29 March 2010.		
2.	International Conference on statistics and related areas for equity, sustainability and development (sraesd-2015) in conjunction with xxxv annual convention of Indian Society for Probability and Statistics (ISPS) during 28-30 November 2015.	Department of Statistics, University of Lucknow, Lucknow, U.P.	Member Organizing Committee, Chair Person
3.	3 rd International conference on Advances in Management & Decision Sciences during 30-31 December, 2017.	School of Management, Gautam Buddha University, Greater Noida, U.P.	Chair Person
4.	2019 MTMI International Conference at Avanti Palms Resort and Conference Center, Orlando, Florida, USA during September 20-22, 2019.	MTMI USA	Online Chair Person
5.	National Conference on Advanced Statistics and Applied Sciences (Asas-2022) during 30th-31st March 2022	Ramanujan Center of Applied Mathematics & Research Ramanujan College, University of Delhi, Delhi, India	Chair Person

Countries Visited

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Invited Lectures/Talks/Chair/Co-Chair in Seminar/Conference/Symposia /Workshops

S. No.	Details of the talk
1.	In Indian Science Congress during 3-7 Feb 2014 organized by University of Jammu, Jammu for the section mathematical science on the topic "An efficient class of population mean" of Survey sampling.
2.	National conference on recent advances in statistical and mathematical sciences and their Applications held at Kumaun University, Nainital, U.K. during 04-06 Oct 2014. The title of the paper presented is "Improved ratio type estimator of population mean under two phase sampling".
3.	19 th Annual National Conference of Society of Statistics, Computer and Applications (SSCA-2017) on Statistics and Informatics in Agricultural and Allied Sciences organized by Sher-e-Kashmir University of Agricultural Sciences and Technology, Jammu, India during March 06-08, 2017. The title of the talk "Use of non-conventional measures of dispersion for improved estimation of population mean"
4.	International Conference on Biological Sciences and Biostatistics organized by School of Science, U.P. Rajarshi Tandon Open University, Allahabad, India during March 09-10, 2017 and title of the talk was "A new generalized median based estimator of the finite population mean"

5.	Workshop on Data Analysis Using SPSS scheduled from 10-16 October, 2017 at the Department of Statistics, University of Lucknow, Lucknow. The topics of the talks were Linear Regression and Parametric & Non-Parametric tests using SPSS.
6.	Pre-Ph.D. Course work of Commerce at Baba Baruadas P.G. College, Ambedkar Nagar, U.P. The topic of the talk was “Research Methodology”.
7.	1 st International conferences on Science and Technology for Sustainable Future organized by North Indian Science Congress in collaboration with BBAU, Lucknow. The title of the talk was “Estimation of population mean using known parameters of study variable”.
8.	Ten days Research Methodology Training Programme for Ph.D Scholars in Social Science disciplines as entitled “Statistical Data Processing and Use of Unit Level data of NSSO” from 23 rd April to 2 nd May, 2018 at Department of Economics, BBAU, Lucknow. The title of talk was various sampling techniques.
9.	112 Orientation Program organized by Human Resource Development Centre, DDU Gorakhpur University, Gorakhpur from November 10-December 07, 2018. The title of the talk was “Data Collection and Sampling Techniques”
10.	Department of statistics, Shia P.G. College, Lucknow on Double sampling Techniques on 14 September 2018.
11.	Department of statistics, Shia P.G. College, Lucknow on Normal distribution and its Application on 14 September 2018.
12.	Seven day’s workshop on Data analytics using SPSS organized by the Department of Statistics, University of Lucknow during 19-25 February, 2019. The title of the talk was exploratory data analysis.
13.	Pre-Ph.D. course work of Department of Biochemistry, Dr RML Avadh University, Ayodhya on 07 May 2019. The title of the talk was Testing of hypothesis.
14.	National workshop on Research Methodology organized by Internal Quality Assurance Cell (IQAC) Dr RML Avadh University, Ayodhya during 20-26 May, 2019. The title of the talk was “Data Collection and Sampling Techniques”
15.	Two days Seminar-Cum-Workshop on “Statistics and Sustainable Development Goals” during 13-14 July 2019 at Department of Statistics, University of Lucknow, Lucknow. The title of the talk is ‘Data Collection and Sampling Techniques’.
16.	On “Application of Measures of Dispersion in Biological Datasets” at Amity Institute of Biotechnology, Amity University, Uttar Pradesh, Lucknow Campus, Lucknow on September 10, 2019.
17.	On “Data Based Modeling and Prediction of Covid-19 Outbreak” in National Webinar on “Covid-19: Challenges & Possibilities” on 18 May 2020 organized by Govt. Degree College Pihani, Hardoi in collaboration with Govt. Degree College Kuchlai, Sitapur.
18.	On “Impact of Covid-19 on Industrial Sector” in online National Conference on “Impact of Covid-19 on Environment & Indian Economy” during 6th & 7th June 2020 organized by Loknete Dr. BalasahebVikhe Patil (Padmabhushan Awardee) Pravara Rural Education Society’s Arts, Commerce and Science College, Alkuti, Maharashtra.
19.	On “Linear & Multivariate Regression and Regression with dummy variable” in a Seven Day Online Faculty Development programme on ‘Research Methodology’ for larger benefits of the Students, Research Scholars, and faculty members, Social Scientists and other stake holders of Society, organized Netaji Subhash Chandra Bose Government Girls P.G. College,

	Aliganj, Lucknow during 23-29 June 2020.
20.	One Week Online Training Programme on Data Analysis Using SPSS (August 17-23, 2020) on “Parametric and Nonparametric Tests” organized by Science-Tech Institute, Lucknow.
21.	Online International Workshop on Research Methodology & Data Analysis (RMDA-2020) (September 07-13, 2020) on “Data Collection, Descriptive Statistics, Inferential Statistics, Time Series and Regression Analysis” organized by Science-Tech Institute, Lucknow in collaboration with the Global Knowledge Foundation (GKF), USA.
22.	One week online training program on advanced data analysis using SPSS (October 08-14, 2020) organized by science-tech institute (registered by govt. of up & ordinance no 8 of 2002) (Run by: Manraj Kuwar Singh educational society) Kanpur road, Sorojini Nagar, Lucknow.
23.	One Week Online Training Program on Statistical Data Analysis for Biomedical Research organized by Science Tech Institute, Lucknow from 21 December-27 December, 2020.
24.	One Week Online Training Program on Statistical Data Analysis using SPSS, organized by Science Tech Institute, Lucknow from 21 st January- 27 th January, 2021.
25.	One Week Online Faculty Development Program on Advanced Research Methodology Applicable in New Education Policy organized by Digvijai Nath Post Graduate College, Gorakhpur and Science Tech Institute, Lucknow from 22 nd June-28 th June, 2021.
26.	National Conference on Advancement in Interdisciplinary Research (NCAIR-2021), Jointly organized by Amiruddaula Islamia Degree College, Lucknow, UP & Science Tech Institute, Lucknow, UP India on July 29-31, 2021.
27.	Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Research Methodology on 04.08.2021 on the topic ‘Data Collection-Designing of Questionnaire and sample size determination’.
28.	Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for Newly Appointed Assistant Statistical Officers on 07.09.2021 on the topic ‘Basic Statistics and its Applications’.
29.	Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for Newly Appointed Assistant Statistical Officers on 21.09.2021 on the topic ‘Time Series and Econometric Analyses’.
30.	Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Research Methodology on 21.12.2021 on the topic ‘Data Collection-Designing of Questionnaire and sample size determination’.
31.	International Workshop on Advance Statistical Data Analysis Using SPSS on 26.01.2022 during 21-27 January, 2022 on the topic “Cluster Analysis” organized by Science Tech Institute, Lucknow, UP India.
32.	One Week Online Faculty Development Program (FDP) on Advanced Research Methodology during 21-27 March 2022 on the topic “Data Collection and Visualization” organized by Amiruddaula Islamia Degree College, Lucknow & Science Tech Institute, Lucknow.
33.	Ten Days Workshop Sponsored by ICSSR on the topic “Research Methodology” during 21 st - 30 th March 2022 on the topics “Sampling Techniques in Research and Factor Analysis” organized by Department of Rural Management, Babasaheb Bhimrao Ambedkar University, Lucknow.
34.	National Conference on Advanced Statistics and Applied Sciences (Asas-2022) during 30 th -

	31st March 2022 organized by Ramanujan Center of Applied Mathematics & Research Ramanujan College, University of Delhi, Delhi, India. The topic of the talk was “Statistical Modeling for the Prediction of Infectious Disease Dissemination”.
35.	One Week Online International Workshop on Statistical Data Analysis using SPSS, organized by Science Tech Institute, Lucknow during 21-27 May, 2022. The topic of the talk was “Cluster Analysis and Discriminant analysis”.
36.	International conference on Innovations in Management, Science and Technology (ICIMST) during August 5-6, 2022. The topic of the talk was “Prediction of Infectious Disease Spread Using Statistical Modeling”.
37.	Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Research Methodology on 06.09.2022 on the topic ‘Basic Statistics and its Application’.
38.	One Week Online International Workshop on Statistical Advanced Data Analysis using SPSS, organized by Science Tech Institute, Lucknow during 24-30 Sept, 2022. The topics of the talk were “Parametric and Non-parametric Tests”.
39.	Online International Conference on Research Methodology Jointly Organized By Dr Shakuntala Misra National Rehabilitation University and Science Tech Institute, Lucknow, Prediction of Infectious Disease Spread Through Different Statistical Approaches during October, 28-30, 2022.
40.	Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Fundamental Training Program on 15.11.2022 on the topic ‘Basic Statistics and its Application’.
41.	Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for promoted Appointed Assistant Statistical Officers of Department of Economics and Statistics on 12.12.2022 on the topic ‘Basic Statistics and its Applications’.
42.	Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Fundamental Training Program to Assistant Statistical Officers on 23.01.2023 on the topic ‘Data Collection-Designing of Questionnaire and sample size determination’.
43.	One Week Online International Workshop on Advance Statistical Data Analysis using SPSS, organized by Science Tech Institute, Lucknow and Uttar Pradesh University of Medical Sciences, Saifai, Etawah during 21-27 January, 2022. The topic of the talk was “Cluster Analysis and Discriminant analysis”.
44.	Workshop organized by the Training Division, State Planning Institute, Uttar Pradesh on Fundamental Training Program to promoted Research Officers on 03.02.2023 on the topic ‘Data Collection-Designing of Questionnaire and sample size determination’.
45.	One Week Online Faculty Development Program On Advanced Research Methodology during March 21-27, 2023 organized by Amiruddaula Islamia Degree College, Lucknow & Science Tech Institute, Lucknow. The topic of the talk was “Data collection and sampling techniques”.
46.	2nd Online International Conference on Advance Interdisciplinary Research (ICAIR-2023) during April 07-09, 2023 organized by Digvijay Nath Post Graduate College, Gorakhpur, U.P. & Science-Tech Institute run by Manraj Kuwar Singh Educational Society, Lucknow,

	U.P.. The topic of the talk was “Different Sampling Techniques in Research”.
47.	2023 SGGVS-AIMT Spring International Conference on Advancement in Science, Management, Technology, Social Science and Humanities (ICSMTSH) held during April 29-30, 2023 organized by Sant Gahira Guru University, Ambikapur (C.G.), India in association with American Institute of Management and Technology (AIMT), USA . The topic of the talk was “Different Sampling Techniques in Research”. The topic of the talk was “Modeling and Prediction of Infectious Disease Dissemination Using Multipronged Approaches”
48.	Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for promoted/Appointed Assistant Statistical Officers of Department of Economics and Statistics on 12.06.2023 on the topic ‘Basic Statistics and its Applications’.
49.	3rd One Week Online Faculty Development Programme on Advanced Research Methodology on Data Analytics during 22-28 June, 2023 organized by Science Tech Institute, Lucknow in collaboration with Digvijai Nath Post Graduate College, Gorakhpur. The topic of the talk was “Tools of Data Collection”.
50.	Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for promoted Appointed Assistant Statistical Officers of Department of Economics and Statistics on 11.07.2023 on the topic ‘Basic Statistics and its Applications’.
51.	Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for promoted Assistant Statistical Officers of Department of Economics and Statistics on 17.10.2023 on the topic ‘Basic Statistics and its Applications’
52.	International Conference on The Role of AI and Multidisciplinary Research in Shaping a Sustainable Future, organized by Kaaf University College, Ghana (West Africa) in Collaboration with International Institute for Special Education (IISE), Lucknow, UP , India & Science Tech Institute, Lucknow, UP, India during Jan 11-13, 2024. The title of the talk was “Prediction of monkeypox cases through Statistical and Machine learning methods”.
53.	Fundamental Training Program organized by the Training Division, State Planning Institute, Uttar Pradesh for promoted Assistant Statistical Officers of Department of Economics and Statistics on 23-24 January 2024 on the topic ‘Data Collection-Designing of Questionnaire and sample size determination’.
54.	02-Day training programme on "Understanding importance of Statistical tools, Survey scheduling and Execution and Advance Survey Techniques", organized by Giri Institute of Development Studies, Lucknow on 05 and 08 February 2024. The topics of the talks are “Fundamental of Statistical techniques.” and “Importance of data and identifying the data types for statistics”.
55.	International Symposium on "AI in Biological Sciences: Recent Trends" scheduled on 23rd April 2024 organized by the Department of Biosciences, Integral University, Lucknow. The title of the talk was “Statistical and Machine Learning Techniques for the Prediction of

	Monkeypox Incidences”.
56.	Invited talk on “Sample Size Determination” on 09 May 2024 organized by DHR-MRU and Research Cell, King George's Medical University, Lucknow
57.	5th One Week Online Workshop on Optimizing Statistical Insights: Advanced Data Analysis with SPSS during May 21-27, 2024, organized by IISE New Delhi & Science-Tech Institute, Lucknow. The titles of the talks were “Cluster Analysis and Discriminant Analysis”.
58.	3rd Online International Conference on Advance Interdisciplinary Research (ICAIR-2024) during May 29- 31, 2024, organized by Digvijay Nath Post Graduate College, Gorakhpur, U.P. & Science-Tech Institute run by Manraj Kuwar Singh Educational Society, Lucknow, U.P. The title of the talk was “Different Sampling Techniques and Their Uses in Different Areas of Applications”.
59.	Ninth International Webinar on Recent Trends in Statistical Theory and Applications-2024 held during 29 June 2024 - 02 July 2024, organized by the Department of Statistics, School of Physical and Mathematical Sciences, University of Kerala. The title of the talk was “Statistical and machine learning techniques for the prediction of monkeypox Incidences”.
60.	Internship Summer Training/ Refresher Programme on Data Analysis using R, Excel, Python, SPSS during June 20-July 20, 2024 jointly organized by DSMNR University & Science-Tech Institute, Lucknow. The title of the talk was “Data Analysis using SPSS”.
61.	One Day Workshop on “Statistical Analysis Using SPSS” jointly organized by Bachpan Express and Dr. Rammanohar Lohiya Avadh University, Ayodhya on 21 st September 2024. The title of the talk was “Parametric Tests Using SPSS”.
62.	Week Online Workshop on Qualitative & Quantitative Data Analysis organized by “Resilient Foundation for Academic Innovation & Scientific Research, New Delhi” during September 21-27, 2024. The title of the talk was “Non-Parametric Tests”.
63.	International Conference on “Optimization with Artificial Intelligence and Soft Computing, 2024” organized by “National Institute of Technology, Nagaland” during September 30-October 01, 2024. The title of the talk was “Predicting Monkeypox Cases Using Statistical and Machine Learning Approaches”.
64.	ATAL Faculty Development Program entitled “Comprehensive Research Methodologies” held at “National PG College, Lucknow” during 30 th September to 05 th October, 2024. The title of the talk was “Hypothesis Development and Testing”.
65.	Interdisciplinary Refresher Course on "Research, Writing, and Analysis" UGC-MMTTC, organized by Indian Institute of Technology (ISM) Dhanbad, Jharkhand during 11-22 November 2024. The title of the talk was “Research Ethics and Plagiarism”.
66.	MTMI International Conference on Emerging Issues in Business, Technology and Applied Sciences at Holiday Inn Express Airport, Dubai, UAE during December 20-22, 2024 in Collaboration with DBMA, University of Maryland Eastern Shore, USA. The title of the talk

	was “Forecasting Dengue Outbreaks in India across Indian Provinces: A Time Series and Machine Learning Approach”. The title of the talk was “Modeling and Prediction of Infectious Disease Spread Using Multipronged Approaches”.
67.	National Conference on Time Series, Analytics, and Advanced Statistical Modelling (NCTAS-2025), during February 10-11, 2025, organized by Department of Statistics, Central University of Rajasthan, Rajasthan.
68.	Online International Conference on Advance Artificial Intelligence in Multidisciplinary Research (ICAIMR-25) from March 10-12, 2025, organized by organized by Kaaf University, Ghana (West Africa) & Science-Tech Institute, Lucknow, UP, India. The title of the talk was “Data Collection Tools and Sampling Techniques”.

Additional Information (If Any)

Other Academic and Administrative Assignments:

S. No.	Administrative Position
1.	Coordinator nodal centre, main exam, Dr RML Avadh University, Ayodhya.
2.	Warden of Acharya Narendra Dev boy’s hostel, Dr. RML Avadh University, Ayodhya.
3.	Centre superintendent of Examination, Dr. RML Avadh University, Ayodhya.
4.	Deputy Coordinator of exams evaluation of the Dr. RML Avadh University, Ayodhya.
5.	Assistant Proctor, Dr. RML Avadh University, Ayodhya.
6.	Assistant Dean Student Welfare, Dr. RML Avadh University, Ayodhya.
7.	Member Board of Studies, Dr. RML Avadh University, Ayodhya.
8.	University observer in B.Ed. entrance examination.
9.	University observer in CPMT entrance examination.
10.	Assistant Coordinator of examinations, Dr. RML Avadh University, Ayodhya.
11.	Observer, Medical and Dental exams, Dr. RML Avadh University, Ayodhya.
12.	Team Manager, Inter-Universities youth festival organized by MGK Vidyapeeth, Varanasi.
13.	Member of the committee for Academic Calendar for BBAU, Lucknow
14.	Administrative Warden of Ashoka Boys Hostel, BBAU, Lucknow
15.	Departmental Coordinator, IQAC, BBAU, Lucknow
16.	Statistical Analyst of SWOT analysis of BBAU, Lucknow
17.	Member Secretary of International Student Centre of BBAU, Lucknow
18.	Departmental Coordinator and Member of University Team, NIRF, BBAU, Lucknow
19.	Assistant Professor In-charge, Store and Purchase, BBAU, Lucknow
20.	Member, BPGS, Department of Statistics, BBAU, Lucknow
21.	Member DRC, Department of Statistics, BBAU, Lucknow
22.	Member, School Board of SPDS, BBAU, Lucknow
23.	Member IIQA, BBAU, Lucknow