

BRIJESH PRATAP SINGH

Professor

DEPARTMENT OF STATISTICS, INSTITUTE OF SCIENCE
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OBJECTIVE: To work in a conducive academic environment with the objective of research as well as teaching concepts of Statistics without ever compromising to the academic ethics.

RESEARCH INTERESTS:

- Statistical Demography
- Stochastic modeling in particular reference of human reproduction
- Data analysis
- Biostatistics

EDUCATION:

- Ph. D., Statistics, Banaras Hindu University, Varanasi, India, 2002
Title of the Thesis: *Fertility Analysis Through Application of Models*
- Master of Science, Statistics, Gorakhpur University, Gorakhpur, UP, India, 1996
- Bachelor of Science, Statistics and Mathematics, Gorakhpur University, Gorakhpur, UP, India, 1993
- Consistent academic record i.e. 1st class in High School, Intermediate, B.Sc. & M.Sc.

AWARDS:

- National Educational Test (NET) for Lecturer-ship Eligibility in Indian Universities, University Grants Commission (UGC), India, 2002.
- Travel & registration grant by The POLICY Project, The Futures Group International for attending the training program on “Use of Qualitative Research Methods In STD/AIDS and Sexual Behaviour” from 1-3 August 2001 at Vadodara Organized by Centre for Operation Research & Training, Vadodara.
- Travel grant by SERC Division, Department of Science & Technology, New Delhi, India for presenting the Paper “Couple Interaction and Predicting Vulnerability of Domestic Violence in Uttar Pradesh” in the Annual Meeting of Population Association of America held at Washington DC during March 31 to April 2, 2011.
- Travel grant by UGC, New Delhi, India for presenting the Paper “A Study of Arrival and Expenditure Pattern of Tourists Travelling to India” in the International conference of Tourism congress at Taylor’s University, Kuala Lumpur, Malaysia during September 05-08, 2013.
- Best technical paper published in Demography India at IASP, Vishakhapatnam.
- Best technical paper published in Demography India at IASP, Thiruvananthapuram.

COMPUTER SKILLS:

- Operating Systems Dos and MS Windows

- Programming Languages Fortran & R
- Software Packages MS-Office, Sigma plot, Origin and LaTeX
- Statistical Packages Stata, SPSS, NCSS, PASS, Statistica, Mathmetica, Matlab, Minitab, Systat, WinBUGS, ML-Win etc.

WORK EXPERIENCES:

1. *Professor*, Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi. (September 2020 to present)
2. *Associate Professor*, Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi. (September 2017 to 2020)
3. *Assistant Professor (Statistics)*, Faculty of Commerce, Banaras Hindu University, Varanasi. (July 2006 to September 2017), Also associated with DST-CIMS, Banaras Hindu University, Varanasi.
4. *Assistant Professor (Ad-hoc)*, Department of Mathematics & Statistics, Allahabad Agricultural Institute- Deemed University, Allahabad, India (Feb. 2006 to June 2006).
5. *Project Coordinator (Distt.)*, Department of Biostatistics, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India (March 2005 to January 2006).
In a research project entitled “*Concurrent Assessment of Health and Family Welfare Programs and Technical Support to the Districts of Uttar Pradesh*” (Funded by European Commission and Govt. of Uttar Pradesh, India).
6. *Research Associate*, Department of Statistics, Banaras Hindu University. Varanasi, India (September 2003 to February 2005)
In a research project entitled “*Poverty, Under-Nutrition and Fertility Nexus in Rural Eastern Uttar Pradesh*” (Sponsored by ICMR, New Delhi, India).
7. *Research Assistant*, Department of Statistics, Banaras Hindu University. Varanasi, India (December 2002 to August 2003)
In a research project entitled “*Behavioral Dynamics of HIV/AIDS in Uttar Pradesh*” jointly conducted by the Department of Statistics, Banaras Hindu University, Varanasi and University of North Carolina, USA and funded by the National Institute of Health, USA.
8. *Research Assistant* (March 2002 to July 2002) in a joint research project of International Institute of Population Studies, Mumbai & Tata memorial Hospital, Mumbai, India.
9. *Research Assistant*, Department of Statistics, Banaras Hindu University, Varanasi, India (September 2001 to November 2001) in the research project funded by National Council of Population, New Delhi, India.
10. *Research Assistant*, in a research project of ICMR, New Delhi in 2000.

COUNTRY VISITED:

USA (Washington, John Hopkins University, Baltimore, Carolina Population Centre, University of North Carolina, Chapel Hill and Chicago), **Thailand** (Mahidol University, Bangkok), **Malaysia** (Taylor’s University, Kuala Lumpur), **Nepal** (Tribhuvan University, Kathmandu) and **Bangladesh** (Rajshahi University, Rajshahi).

BOOKS:

1. R. C. Yadava, **Brijesh P. Singh**, Abhay K. Tiwari & Piyush Kant Rai (2022) Applied Statistics: A Preliminary Study” HP Hamilton Limited, UK. ISBN 978-1-913936-26-6

2. Aalok Ranjan Chaurasia & **Brijesh P. Singh** (2019) "*Data for Development Decision-Making: A Primer for Development Practitioners*" MLC Foundation, Shyam Institute, Bhopal, ISBN 978-93-89527-00-1.
3. India 2015: Population Human Development (2015) Ed. Aalok Ranjan, **Brijesh P. Singh** & Binod Kumar Singh, MLC Foundation, Shyam Institute, Bhopal. ISBN No.: 978-93-82411-10-9
4. India 2014: Population and Development (2014) Ed. Aalok Ranjan & **Brijesh P. Singh**, MLC Foundation, Shyam Institute, Bhopal. ISBN No.: 978-93-82411-08-6

PUBLISHED RESEARCH PAPERS:

1. **Brijesh P. Singh**, Tanya Singh & Alok Kumar Singh (2024) "*Is Increasing Age at Marriage Really Effective in Reducing Completed Fertility? Evidence from the Multinomial Analysis of the Fifth Round of the National Family Health Survey in India (2019-21)*", International Journal of Agriculture and Statistical Sciences, 20(1), 21-32. ISSN: 0973-1903, e-ISSN: 0976-3392, DOI: <https://doi.org/10.59467/IJASS.2024.20.21>
2. **Brijesh P. Singh**, Ayushi Chourasiya & Hricha Rai (2024) "*Progress in Reproductive Health in India, 1992-2021: Evidence from National Family Health Survey*", Indian Journal of Population and Development, 4(1), 75-92. ISSN: 2583-4827
3. **Brijesh P. Singh**, Utpal Dhar Das, Kadir Karakaya, Hassan S. Bakouch & Badamasi Abba (2023) "*Doubly bounded exponential model: Some information measures and estimation*", Communications in Statistics - Theory and Methods, pp. 1-18. ISSN: 0361-0926 DOI: 10.1080/03610926.2023.2273779
4. **Brijesh P. Singh**, Sandeep Singh & Jayendra Kumar Singh (2023) "*Quantum of fertility and contraceptive behaviour in India and Uttar Pradesh*", Community Practitioner, Vol. 20(7), pp. 172-184. ISSN 1462 2815 DOI: 10.17605/OSF.IO/3DGMC
5. **Brijesh P. Singh** & Utpal Dhar Das (2023) "*On an Induced Distribution and its Statistical Properties*", REVSTAT - Statistical Journal, 21(3), 303-319 <https://doi.org/10.57805/revstat.v21i3.360> ISSN 1645-6726
6. Manju Singh & **Brijesh P. Singh** (2023) "*Family Planning Performance in India, 1992-2021*", Indian Journal of Population and Development, Vol. 3(1), pp. 101-126 ISSN: 2583-4827
7. **Brijesh P. Singh**, Deepak Kumar Maurya & Upendra Kumar (2023) "*Longitudinal Study of Age at Menarche in India*", Journal of Rajasthan Statistical Association (JRSA), Vol. 4(1), pp. 65-82. ISSN: 2278-4845
8. **Brijesh P. Singh**, Deepak Kumar Maurya & Upendra Kumar (2023) "*Sex Ratio at Birth in Uttar Pradesh*", Journal of Rajasthan Statistical Association (JRSA), Vol. 4(1), pp. 9-19. ISSN: 2278-4845
9. **Brijesh P. Singh**, A. K. Tiwari, Shivam Mishra (2022) "*Maternal Height and Fertility Outcomes: A Poisson Regression Analysis*", Janasamkhyā: A Journal of Demography, Vol. XXXX, pp. 1-19. ISSN 0971-698X
10. **Brijesh P. Singh**, Shweta Dixit and Deepak Kumar Maurya (2022) "*Some Probability Models for Age at Infant Death and Estimation Procedure*", Demography India, Vol. 51(2), pp. 24-43 ISSN: 0970-454X
11. Abhay K Tiwari, Anuj Singh and **Brijesh P Singh** (2022) "*Family Planning Methods Use in Madhya Pradesh, India: Evidence from National Family Health Survey*", Indian Journal of Population and Development, 2(2), pp. 261-272 ISSN: 2583-4827
12. **Brijesh P. Singh**, Sandeep Singh & Utpal Dhar Das (2022) "*Principle of Physics and Total Fertility Rate*" Journal of Scientific Research, 66(4), pp. 150-156. ISSN 0447-9483 DIO:

10.37398/JSR.2022.660422

13. Aalok R Chaurasia & **Brijesh P Singh** (2022) "*Fertility and Family Planning in India, 1992-2021: Evidence from National Family Health Survey*", Indian Journal of Population and Development 2(1), pp. 87-112. ISSN: 2583-4827.
14. **Brijesh P. Singh** & Tapan Kumar Roy (2022) "*Mortality before Third Birth Day and Their Socio-demographic Correlates: A Gender Perspective*", An Anthology on Women of India, Ed. Prof. Suman Singh & Dr. Seema Tiwari, Himalay Publishing House, New Delhi, pp. 53-59. ISBN: 978-93-5596-052-8
15. **Brijesh P. Singh**, Deepak Kumar Maurya & Utpal Dhar Das (2022) "*Discrete Analogue of Pseudo Lindley Distribution and Its Properties*", in Advanced Statistical, Mathematical and Computational Techniques with Case Studies, Ed. by Dr. Praveen Kumar Misra, Dr. Anuradha Misra, Dr. Dushyant Tyagi and Dr. Gunjan Singh, MKSES Publications, Lucknow-226012, INDIA. pp. 21-33. ISBN: 978-93-91248-03-1
16. Pragya Singh, Kaushalendra K Singh & **Brijesh P Singh** (2022) "*An EM Algorithm Approach to Estimate Parameters of Fluctuating Nature of PPA*", Indian Journal of Population and Development Vol. 1(2) pp. 285-294. ISSN: 2583-4827.
17. **Brijesh P Singh**, Utpal Dhar Das & Sandeep Singh (2022) "*A Model Based Statistical Investigation of Female Age at Marriage*", Indian Journal of Population and Development Vol. 1(2) pp. 209-224. ISSN: 2583-4827.
18. **Brijesh P Singh**, Aalok Ranjan Chaurasia & Abhay K Tiwari (2022) "*A Simple Approach to Estimate Fertility at the District Level*", in India 2021: Population Health Ed. by Aalok Ranjan Chaurasia, MLC Foundation, Shyam Institute, Bhopal, pp. 173-185, ISBN: 978-81-951589-1-1
19. **Brijesh P. Singh**, Abhay K. Tiwari & Vaishali Patel (2022) "*Estimating Total Fertility Rate Using Information on Proportion of Females of Different Reproductive Age Groups*", Bulletin of Mathematics and Statistics Research, 10(1): 1-8. ISSN: 2348-0580
20. **Brijesh P. Singh**, Tanya Singh and Utpal Dhar Das (2022) "*Size Biased X-Geometric with Statistical Properties and Applications*", International Journal of Applied Mathematics and Statistics, 61(1): 55-70. ISSN 0973-1377 (Print), ISSN 0973-7545 (Online)
21. **Brijesh P. Singh** and Utpal Dhar Das (2022) "*Some Properties and Application of a Weighted Continuous Distribution*", International Journal of Applied Mathematics and Statistics, 61(2): 39-49. ISSN 0973-1377 (Print), ISSN 0973-7545 (Online)
22. AR Chaurasia, **Brijesh P Singh**, R Singh (2021) "*Progression of COVID-19 Pandemic in India: A Linear Functional Concurrent Regression Analysis Approach*", Journal of Communicable Diseases, 53(4):15-22. ISSN: 0019-5138, DOI: 10.24321/0019.5138.202169
23. **Brijesh P. Singh** & Utpal Dhar Das (2021) "*An Inferential Aptness of a Weibull Generated Distribution and Application*", Journal of Reliability and Statistical Studies, 14(2), 669-694. DOI: 10.13052/jrss0974-8024.14214
24. A. K. Tiwari, **Brijesh P. Singh** & Shivam Mishra (2021) "*Impact of Female's Height on Waiting Time to the First Conception: A Semi Parametric Approach*", International Journal of Current Research and Review, 13(23): 60-68. DOI: 10.31782/IJCRR.2021.132310
25. **Brijesh P Singh**, Tanya Singh & Aalok Ranjan Chaurasia (2021) "*Statistical study for utilization of institutional delivery: An evidences from NFHS data*", International Journal of Statistics and Applied Mathematics, 6(6): 38-45. DOI: 10.22271/math.2021.v6.i6a.748
26. **Brijesh P. Singh** (2021) "*Modeling Age at Menstrual Onset and Developing Menarcheal Life Table*", Journal of Reliability and Statistical Studies, 14(2), 541-550. ISSN: 2229-5666 (Online) 0974-8024 (Print) DOI: 10.13052/jrss0974-8024.1428

27. **Brijesh P. Singh**, Utpal Dhar Das, Sandeep Singh & Gunjan Singh (2021) "*Development of a Discrete Probability Distribution and its application to the Pattern of Child Deaths*", Journal of Scientific Research, 65(5), pp. 186-190. ISSN 0447-9483 DOI: 10.37398/JSR.2021.650521
28. **Brijesh P. Singh**, Sandeep Singh & Utpal Dhar Das (2021) "*Rationalization of the Pattern of Rural Out Migration: An Application of a Composite and Inflated Probability Models*", Asian Journal of Probability and Statistics, Vol. 14(4): 41-51, ISSN: 2582-0230 DOI: 10.9734/AJPAS/2021/v14i430337
29. Ruchi Mishra, Kaushalendra K. Singh & **Brijesh P. Singh** (2021) "*Duration of Post-Partum Amenorrhoea: A Model-Based Approach*", Indian Journal of Population and Development, Vol. 1(1), pp: 41-50. ISSN: 2583-4827
30. Tapan Kumar Roy, Nityananda Halder & **Brijesh P. Singh** (2021) "*Risk Factors of Infertility in Bangladesh: A Poisson Regression Analysis*", Indian Journal of Population and Development, Vol. 1(1), pp: 79-86. ISSN: 2583-4827
31. S. Singh, A. Diwaker, **Brijesh P. Singh** & R. K. Singh (2021) "*Nutritional Immunity, Zinc Sufficiency, and COVID-19 Mortality in Socially Similar European Populations*", Frontiers of Immunology. 12:699389. ISSN 1664-3224 (Online) doi: 10.3389/fimmu.2021.699389
32. Abhishek Gautam, K. K. Singh, **Brijesh P. Singh** & Ravi Verma (2021) "*Factors associated with men's perpetration of physical violence against intimate partners in India*", Canadian Studies in Population, 48(2-3), 361-385. ISSN: 0380-1489 (print) 1927-629X (online) <https://doi.org/10.1007/s42650-021-00052-0>
33. **Brijesh P. Singh**, Gunjan Singh, Utpal Dhar Das & Deepak K. Maurya (2021) "*An Under-Dispersed Discrete Distribution and Its Application*", Journal of Statistics Applications & Probability Letters-An International Journal, 8(3), 205-213. ISSN: 2090-844X (print) 2090-8458 (online) <http://dx.doi.org/10.18576/jsapl/080306>
34. **Brijesh P. Singh**, Utpal Dhar Das, Sandeep Singh & M. Lotayif (2021) "*Explaining Ovarian Cancer Data with Increasing Hazard Model*", Applied Mathematics & Information Sciences-An International Journal, 15(5), 631-638. ISSN 1935-0090 (print) ISSN 2325-0399 (online) <http://dx.doi.org/10.18576/amis/150511>
35. **Brijesh P. Singh** and Tapan K. Roy (2021) "*Analysis of First Birth Interval: An Application of Discrete Time Hazard Model*" Journal of Rajasthan Statistical Association (JRSA), Vol. 3 No. 1, pp. 42-58. ISSN: 2278-4845
36. Vaibhav Singh, A. K. Pal, D. Biswas, A. Ghosh & **Brijesh P Singh** (2021) "*Evaluation of Environmental and Socioeconomic Factors Contributing to Fragility Fractures in Indians*" Journal of Environmental Science and Public Health, 5: 397-410. ISSN: 2575-9612 DOI: 10.26502/jesph.96120139
37. **Brijesh P. Singh** & Shweta Dixit (2021) "*Estimation of Risk of Child Death and Average Children Ever Born*". Indian Journal of Science and Technology, 14(26), pp. 2180-2188. ISSN Print: 0974-6846, Electronic: 0974-5645 DOI: 10.17485/IJST/v14i26.889
38. **Brijesh P. Singh**, Utpal Dhar Das & Sandeep Singh (2021) "*A Compounded Probability Model for Decreasing Hazard and its Inferential Properties*" Reliability: Theory and Analysis, Vol. 16, No. 2(62), pp. 230-246. ISSN 1932-2321 DOI: 10.24412/1932-2321-2021-262-230-246
39. **Brijesh P. Singh**, K. K. Singh and Abhay K. Tiwari (2021) "*Adolescent Sterility and Time required becoming Susceptible for Conception*" Journal of Scientific Research, Volume 65, Issue 3, pp. 136-141. ISSN 0447-9483 DOI: 10.37398/JSR.2021.650316
40. **Brijesh P. Singh**, Madhusudan JV and Sandeep Singh (2021) "*Mother's Education and Mortality under Age Three: An Investigation in Presence of Some Socio Demographic Correlates*" International Journal of Current Research and Review, 13(7), pp: 20-28. ISSN: 2231-2196 (P) ISSN: 0975-5241 (E)

41. **Brijesh P. Singh** & Gunjan Singh (2021) "*Trend and Differentials of Age at Menopause and its Association with Anaemia*" Innovations, 64(1), pp. 44-53. ISSN 19650256 (E) 12674982 (P)
42. Deepak Kumar Maurya & **Brijesh P. Singh** (2021) "*Knowledge of Fertile Window among Currently Married Women in Uttar Pradesh*" in India 2020: Population and Social Protection, Ed. By Aalok Ranjan Chaurasia, MLC Foundation, Shyam Institute, Bhopal, pp. 95-102, ISBN: 978-92-82411-17-8
43. **Brijesh P. Singh** & Gunjan Singh (2021) "*Age at Menarche in India*" in India 2020: Population and Social Protection, Ed. by Aalok Ranjan Chaurasia, MLC Foundation, Shyam Institute, Bhopal, pp. 85-94, ISBN: 978-92-82411-17-8
44. **Brijesh P. Singh**, Sandeep Singh & Aalok Ranjan Chaurasia (2021) "*An Indirect Method to Estimate Total Fertility Rate on the Basis of the Moments of Age Distribution of Women in Reproductive age*" International Journal of Scientific Research and Management (IJSRM), Volume 09, Issue 1, pp. 296-314. ISSN (e): 2321-3418 DOI: 10.18535/ijrm/v9i01.m01
45. **Brijesh P. Singh**, Sandeep Singh & Utpal Dhar Das (2021) "*A General Class of New Continuous Mixture Distribution and Application*", J. Math. Comput. Sci. 11(1), pp. 585-602 <https://doi.org/10.28919/jmcs/5227> ISSN: 1927-5307
46. **Brijesh P. Singh** (2020) "*Modeling and forecasting the spread of COVID-19 pandemic in India and significance of lockdown: A mathematical outlook*", Handbook of Statistics, Ed. C. R. Rao and Arni S. R. Srinivasrao, 257-289. <https://doi.org/10.1016/bs.host.2020.10.005>
47. **Brijesh P Singh**, Tapan K Roy & Aalok Ranjan Chaurasia (2020) "*Change Point Modeling of COVID-19 Transmission in Bangladesh*" in Medical & Clinical Research, Volume 5(12), pp. 86-90. ISSN: 2577-8005
48. **Brijesh P. Singh**, Sandeep Singh, Utpal Dhar Das and Gunjan Singh (2020) "*Some Size Biased Probability Models for Adult out Migration Pattern*" Current Journal of Applied Science and Technology. 39(41): 78-91. ISSN: 2457-1024
49. A. K. Tiwari, **Brijesh P. Singh** & Vaishali Patel (2020) "*Retrospective Study of Investigation of Possible Predictors for Total Fertility Rate in India*" in Journal of Scientific Research & Reports, 26(9): 111-119. ISSN: 2320-0227
50. **Brijesh P. Singh**, Sonam Maheshwari & Puneet Kumar Gupta (2020) "*Statistical Analysis of Fertility Control Measures in Diverse Group of Females*" in Journal of Statistics Applications & Probability, 9(3), 549-558.
51. Sachin Kumar, **Brijesh P. Singh** & Madhusudan J. V. (2020) "*Factors Influencing Migration: Application of Truncated Poisson Regression*", International Journal of Advanced Science and Technology (IJAST), Vol. 29, No. 6, pp. 9112 - 9120. ISSN: 2005-4238
52. **Brijesh P. Singh**, Madhusudan J. V., Abhay Kumar Tiwari, Sandeep Singh and Utpal Dhar Das (2020) "*Evaluation of EWMA Control Charts for Monitoring Spread of Transformed Observations of COVID-19 in India*" Asian Journal of Research in Infectious Diseases 5(2): pp: 25-36. ISSN: 2582-3221, DOI: 10.9734/AJRID/2020/v5i230165
53. **Brijesh P. Singh** and Utpal Dhar Das (2020) "*Some Statistical Properties of a Weighted Distribution and Its Application to Waiting Time Data*", Asian Journal of Probability and Statistics, 9(1), pp. 1-12. ISSN: 2582-0230, DOI: 10.9734/AJPAS/2020/v9i130216
54. **Brijesh P Singh**, Nidhi & Muskan (2020) "*Assessment of Practices on Menstrual Hygiene in Girls Reside in University Hostel*", International Journal of Medical and Health Research, 6(8), pp. 198-200, ISSN: 2454-9142
55. Tapan K. Roy & **Brijesh P. Singh** (2020) "*A Data Driven Model For Prediction of COVID-19 Outbreak in Bangladesh*", Bangladesh Journal of Infectious Diseases, 7(1), pp. 22-26. ISSN: 2411-4820 DOI: <https://doi.org/10.3329/bjid.v7i1.48673>

56. **Brijesh P. Singh**, Sandeep Singh & Utpal Dhar Das (2020) "*Some Zero Adjusted Probability Model for Adult out Migration*", Bulletin of Mathematics and Statistics Research, Vol. 8(3), pp. 14-19. ISSN: 2348-0580
57. Singh, V., Pal, A. K., Biswas, D., Ghosh A. & **Brijesh P. Singh** (2020) "*Identification of Patients at High Risk of Fragility Fractures in an Indian Clinical Setting Using FRAX*", Archives of Osteoporosis 15, 131. <https://doi.org/10.1007/s11657-020-00807-3> ISSN: 1862-3514
58. **Brijesh P. Singh**, Kushagra Gupta & Tapan K. Roy (2020) "*Seasonality in Conception: Comparison of Pattern in Uttar Pradesh and Kerala*", International Journal of Recent Scientific Research, Vol. 11 Issue 7, pp. 39281-39283. ISSN: 0976-3031
59. **Brijesh P. Singh** & Sandeep Singh (2020) "*Variation in Growth Factor of Covid-19 in India and its Timing to Approach Zero*", International Journal of Scientific Research, Vol. 9 Issue 8, pp. 16-19 ISSN: 2277-8179
60. **Brijesh P. Singh** & Gunjan Singh (2020) "*Modeling Tempo of COVID-19 Pandemic in India and Significance of Lockdown*", Journal of Public Affairs, 20(4). ISSN:1479-1854 <https://doi.org/10.1002/pa.2257>
61. **Brijesh P. Singh**, Neha Singh & Sandeep Singh (2020) "*Estimation of Total Fertility Rate: An Indirect Approach Using Auxiliary Information*" Journal of the Social Sciences Vol. 48(3), pp. 790-798 ISSN: 0253-1097
62. Aalok Ranjan Chaurasia & **Brijesh P. Singh** (2020) "*COVID-19 Trend and Forecast in India: A Joinpoint Regression Analysis*". Demography India, Vol. 49, Special Issue (2020), pp. 15-26 ISSN: 0970-454X
63. **Brijesh P. Singh** (2020) "*Modeling and Forecasting Novel Corona Cases in India Using Truncated Information: A Mathematical Approach*", International Journal of Applied Mathematics & Statistical Sciences (IJAMSS), Vol. 9, Issue 4, pp. 13-24. ISSN (P): 2319-3972; ISSN (E): 2319-3980
64. **Brijesh P. Singh**, Gunjan Singh & K.K. Singh (2020) "*An Application of Life Table and Survival Model to Study the Reproductive Span*", Journal of Critical Reviews, Vol 7, Issue 12, 2020, 799-808, ISSN- 2394-5125
65. A K Tiwari, **Brijesh P Singh** & Vaishali Patel (2020) "*Population Projection of India: An Application of Dynamic Demographic Projection Model*", Journal of Critical Reviews, Vol 7, Issue 7, 2020, 547-555, ISSN-2394-5125
66. Utpal Dhar Das, **Brijesh P. Singh** & Tanusree Deb Roy (2020) "*Temporal Variation of Temperature in Guwahati, Assam: An Application of Seasonal ARIMA Model*", Journal of Statistics Applications & Probability (An International Journal), Vol. 9, Issue 1. ISSN 2090-8423
67. **Brijesh P. Singh**, Deepak Kumar Maurya & Sandeep Singh (2020) "*Estimating Duration of Post Partum Amenorrhoea through Breastfeeding Duration*", in India 2019: Population and Sustainable Development Ed. by Aalok Ranjan & Suresh Jungari, MLC Foundation, Shyam Institute, Bhopal, pp. 117-127. ISBN 978-93-89527-03-2.
68. Gunjan Singh, **Brijesh P. Singh** & Sandeep Singh (2020) "*Variation in Contraceptive Use by Birth Order and Sex of Child: Reflections of Son Preference*", in India 2019: Population and Sustainable Development Ed. by Aalok Ranjan & Suresh Jungari, MLC Foundation, Shyam Institute, Bhopal, pp. 117-127. ISBN 978-93-89527-03-2.
69. Abhishek Gautam, **Brijesh P. Singh** and K. K. Singh (2019) "*Male Attitude towards Son Preference and its Covariates in India*", Janasamkhyā, Vol. XXXVI - VII, pp. 56-69. ISSN 091-698X
70. Abhishek Gautam, K.K. Singh, **Brijesh P. Singh** and Ravi Verma (2019) "*A Study of Timing of First Sexual Initiation in India: Application of Some Potential Probability Distributions*", Demography India Vol. 48, No. 1, pp. 49-62 ISSN 0970-454X

71. Md. Mamunur Rashid, Tapan Kumar Roy & **Brijesh P. Singh** (2019) "*Socioeconomic Health Disparities in Bangladesh through Lorenz Curve and Gini Ratio: Evidence from BDHS Surveys*", International Journal of Statistics and Analysis, Vol. 9, No. 1, pp. 11-23. ISSN 2248-9959
72. **Brijesh P. Singh**, Shiwani Tiwari & Sweta Singh (2019) "*Estimation of Expected Duration of Stay of Tourists in the Cultural and Religious Capital of India*", International Journal of Mathematics and Computer Applications Research, Vol. 9, Issue 1, pp. 51-58. ISSN (P): 2249-6955; ISSN (E): 2249-8060
73. C. B. Gupta, Sachin Kumar & **Brijesh P. Singh** (2019) "*Modelling of Male Age at Marriage: Evidences from Western Region of Uttar Pradesh (India)*", in Logistics, Supply Chain and Financial Predictive Analytics: Theory and Practices Edited by Kusum Deep, Madhu Jain and Said Salhi, published by Springer, pp. 183-194. ISBN 978-981-13-0871-0.
74. **Brijesh P. Singh**, Deepak Kumar Maurya & Utpal Dhar Das (2019) "*A Model-Based Approach to Understand Son Preference*", in India 2018: Child Health and Mortality Ed. by Alok Ranjan, MLC Foundation, Shyam Institute, Bhopal, pp. 117-127. ISBN 978-93-82411-01-7.
75. **Brijesh P. Singh** & Gunjan Singh & Sandeep Singh (2018) "*Population Projection using Mathematical Curves: Will Indian Population Stabilises by 2050?*", Demography India Special Issue, pp: 25-35.
76. **Brijesh P. Singh**, Gunjan Singh & K.K. Singh (2018) "*On the Number of Menstrual Cycles Required for First Conception: An Insight of Chance Mechanism*", Demography India, Vol. 47, Issue 2, pp. 01-15.
77. **Brijesh P. Singh** & Upasana Shukla (2018) "*Estimation of Parity Progression Ratio by Birth Order Statistics Using Various Sampling Frame*", Journal of Reliability and Statistical Studies; Vol. 11, Issue 2: 175-191. ISSN (Print): 0974-8024, (Online): 2229-5666
78. Ruchi Mishra, K.K. Singh, **Brijesh P. Singh** & Sweta Singh (2018) "*Effect of Sample Size on Estimation of Fertility Using Open Birth Interval Data*", Demography India, Vol. 47, Issue 1, pp. 79-88
79. Dharma Raj, Bhanu Pratap Singh, **Brijesh P. Singh** & Niraj Kumar Singh (2018) "*Intergenerational Social Mobility among Construction Labourers in Varanasi city (India)*", Journal of Statistics Applications & Probability Letters-An International Journal, Vol. 5, No. 3, pp. 1-12 Vol. 1, No. 3, pp. 47-52. ISSN 2090-844X
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179. Umesh Singh, K.K. Singh, Sanjay Kr. Singh, **Brijesh P. Singh**, and Neha Singh (2009) *"A Bayesian Approach for Estimating Risk of Child Mortality"* in Population, Poverty & Health: Analytical Approach, Ed. by K.K. Singh, R.C. Yadava and Arvind Pandey, Hindustan Publishing Corporation, New Delhi, pp. 36-44. ISBN 8170750881
180. **Brijesh P. Singh**, Sanjay Kr. Singh, K.K. Singh, Umesh Singh and Neha Singh (2006-07) *"A Bayesian Analysis of Risk of Under Five Mortality in Two Contrasting State of India"* Janasamkhya, Vol. XXIV-XXV, pp. 7-15. ISSN 091-698X
181. K.K. Singh, **Brijesh P. Singh**, Uttam Singh and Kiran Singh (2006) *"A Study of Fecundability and Sterility"* in the Journal of Empirical Research in Social Science, Guwahati, Vol. 1 No. 2, pp. 1-14. ISSN 0973-2985
182. K.K. Singh, **Brijesh P. Singh** and Kiran Singh (2006) *"On the Estimation of the Sen Index of Fertility Control"* in Biostatistical Aspects of Health and Population, Ed. by Arvind Pandey, Hindustan Publishing Corporation, New Delhi, pp. 307-316. ISBN 81-7075-081-4
183. Alok Kumar, Haruo Sagaza, K.N.S. Yadava and **Brijesh P. Singh** (2005) *"Some Health Related Issues of Elderly People in Rural Northern India"* in THE ELDERLY Contemporary Issues, Bangladesh Association of Gerontology, pp. 171-203.
184. Alok Kumar, Haruo Sagaza, K.N.S. Yadava and **Brijesh P. Singh** (2005) *"Socio-economic and Demographic Characteristics of Elderly in Rural Northern India"* in THE ELDERLY Contemporary Issues, Bangladesh Association of Gerontology, pp. 31-64.
185. K.K. Singh & **Brijesh P. Singh** (2004) *"On the Age Pattern of Marriage"*, Statistical Thinking: Methods and Applications, Ed. by D.C. Nath & K.K. Das, Capital Publication Company, Guwahati, pp. 104-110.
186. K.K. Singh, **Brijesh P. Singh**, Uttam Singh and Kiran Singh (2002) *"Trends in Fecundability and Sterility Over Time"* Progress of Mathematics, Vol. 36, No. 1 & 2, pp. 111-129. ISSN 0555-4330
187. K.K. Singh, **Brijesh P. Singh**, A.K. Pathak and Kiran Singh (2002) *"Impact of Education and Autonomy on Fertility of Women in Eastern Uttar Pradesh"* Demography India, Vol. 31, No. 2, pp.223-233. ISSN 0970-454X
188. **Brijesh P. Singh**, K.K. Singh & Kiran Singh (2002) *"Interrelationship between Education, Autonomy and Fertility of Females in Varanasi"*, Proceeding of International Conference on 'Population Stabilization and Development' held at Cuttack and Published by Council of Cultural Growth and Cultural Relation, The Universe, pp.387-398.
189. K.K. Singh, A.K. Pathak, **Brijesh P. Singh** and Kiran Singh (1997-2000) *"Coital Behaviour of Couples in Eastern Uttar Pradesh, India"* Janasamkhya, Vol. XV-XVIII, pp. 99-120. ISSN 091-698X

PARTICIPATION & PRESENTATION IN CONFERENCES:

1. IIPS Seminar 2024
2. Bhopal Seminar 2024
3. IASP Rourkela 2023
4. Kottayam ISMS 2023
5. Bhopal Seminar 2023
6. Bhopal Seminar 2022
7. RASTA 2021
8. ISMS 2021

9. IUSSP 2021
10. IASP 2021
11. Bhopal Seminar 2021
12. IASP 2020
13. Presented a paper entitled "Menarche and Reproductive Issues Related Knowledge: Evidences from in University Hostel Students" in the National Seminar on Population, Health and Sustainable Development Goals: Performance and Prioritizing Policies in collaboration with PRC, Patna during 13-15 February, 2020 at Department of Statistics, Patna University, Patna.
14. Presented a paper entitled "*A Study of Age at First Menstrual Onset in India over Time*" in the Bhopal Conference, Bhopal during January 22-24, 2020.
15. Presented a paper entitled "Development of a Discrete Probability Distribution and its application to the Pattern of Child Deaths" in International Conference on Recent Advances in Statistics and Data Science for Sustainable Development In conjunction with XXXIX Annual Convention of Indian Society for Probability and Statistics (ISPS) during December 21-23, 2019 at Department of Statistics, Utkal University, Bhubaneswar, Odisha.
16. Presented a paper entitled "Analyzing Age at First Menstrual Onset through Probability Model and Life Table Technique" in 37th Annual Conference of Indian Society for Medical Statistics (ISMSCON 2019) during December 05-07, 2019 at Department of Community and Family Medicine, AIIMS, Patna, Bihar.
17. Presented a paper entitled "Longitudinal Study of Age at Menarche in India: A Methodological Issue of the Way of Collecting Information" in International Seminar on Twenty-Five Years of National Family Health Survey (NFHS) in India: Lesson Learnt and Way Forward during October 18-19, 2019 at India Habitat Centre (IHC), New Delhi.
18. Presented a paper entitled "On a Probability Model for Age at First Menstrual Onset: in 3rd National Conference on Statistics for Sciences, Social Sciences and Humanities on the Theme: Statistics for Sustainable Development during September 13-14, 2019 at Department of Mathematics & Statistics, Mohan Lal Sukhadia University, Udaipur, Rajasthan.
19. Presented a paper entitled "On the Probability Distribution Extended Under Certain Assumption to Estimate the Impact of Preventing Factor of Contraceptives" in the National Seminar on Population Dynamics in India and Its Implications on Health and Environment in collaboration with National Institute of Rural Development and Panchayati Raj (NIRD&PR), Hyderabad during 7-9 March, 2019 at NIRD&PR, Hyderabad.
20. Presented a paper entitled "On a Stochastic Model for Waiting Time to First Conception Considering Two Type of Population: A Convolution Approach" in the Two-day Seminar on Statistics for People, Society and Economy during February 22-23, 2019 in the Department of Statistics, Gauhati University.
21. Presented a paper entitled "Conception and Fertility beyond Age 35 in India: A Longitudinal Study" in the Bhopal Conference, Bhopal during January 23-25, 2019.
22. Presented a paper entitled "Estimation of Risky Fertility in India and their Major States Over the Time" in 36th Annual Meeting of the Indian Society of Medical Statistics (ISMS) held at NIMHANS, Bengaluru during November 01-03, 2018.
23. Presented a paper entitled "An Index Based Study of Determinants of Risky Fertility in India" in the 39th Annual Conference of IASP held at Department of Statistics, Banaras Hindu University, Varanasi during September 18-20, 2018.
24. Presented a paper entitled "Analysis of First Birth Interval through Discrete Time Hazard Model: A Comparison of West Bengal and Bangladesh Data" in the International Conference on "Population, Environment and Development (ICPED)" held at Department of Demography &

Population Research Centre, University of Kerala, Thiruvananthapuram during March 15-17, 2018.

25. Presented a paper entitled "A Model Based Approach to Understand Son Preference" in the Bhopal Conference, Bhopal during January 10-12, 2018.
26. Presented a paper entitled "Estimating proportion of Sterile Female in Uttar Pradesh" in the 38th Annual Conference of IASP held at Andhra University, Visakhapatnam during December 20-22, 2017.
27. Presented a paper entitled "Family Size, Environment and Educational Attainment of Children: Evidence From NFHS-3" in Advanced Development in Theoretical and Applied Statistics (ADTAS-2017) held at Department of Statistics, Banaras Hindu University, Varanasi during November 13-15, 2017.
28. Presented a paper entitled "Risk Factor of Marital Violence and Infertility in India" in 35th Annual Meeting of the Indian Society of Medical Statistics (ISMS) held at SGPGIMS, Lucknow during November 02-04, 2017.
29. Presented a paper entitled "One Year Child Immunization in Uttar Pradesh" in the national conference on "Impact of caring and rearing practices on child growth and development: Role of Nurse/health professionals to build healthy citizen" held on 21-22 April, 2017 in State College of Nursing, Dehradun.
30. Presented a paper entitled "Prognostic factors in Reproductive Dynamics: A Survival Analysis" in the Bhopal Conference, Bhopal during Jan. 18-20, 2017.
31. Presented a paper entitled "A Probability Distribution Approach for Estimating Proportion of Sterile Females" the International Conference on "Population, Health, Environment and Sustainable Development: Issues and Challenges" at Department of Population Science & HRD, University of Rajshahi, Rajshahi, Bangladesh during December 17-18, 2016.
32. Presented a paper entitled "On Some Probability Distribution for the Study of Adult Out Migration" in the 37th Annual Conference of IASP in December 07-09, 2016 held at Institute of Economic Growth, New Delhi.
33. Presented a paper entitled "A Model Base Approach to Study the Age at Marriage and First Birth in Case of Cesarean Delivery in Uttar Pradesh, India" in 34th Annual Meeting of the Indian Society of Medical Statistics (ISMS) held at the Indian Statistical Institute, Kolkata during December 01-03, 2016.
34. Presented a paper entitled "Indigenous Medicine & Methodology In The Management Of Diabetes Mellitus" in 14th Annual Conference of the IASSH on "Health ,Gender and Development: Emerging Issues and Challenges" held at the Gokhale Institute of Politics and Economics, Pune, Maharashtra. India during September 23-25, 2016.
35. Presented a paper entitled "Application of Probability Distribution to Understand the Period of Living" in the 10th International Conference on Tourism in India and Bangladesh: Trends, Challenges and Opportunities at Port Blair, Andaman & Nicobar Island, India during July 24-27, 2016.
36. Presented a paper entitled "On Some Compounded Poisson Distributions with Applications to the Pattern of Number of Child Deaths" in the Bhopal Conference, Bhopal during Jan. 14-16, 2016.
37. Presented a paper entitled "Role of Communicating Language and Attitude in Tourism Development" in the 12th national convention of the Indian Tourism and Hospitality Congress on "Strategic Development of Domestic Tourism in India" organized by Institute of Tourism Studies, University of Lucknow, Lucknow during 01-02 November 2015.

38. Presented a paper entitled "Graduating Duration of Tourist's Stay with Gamma Distribution" in the 12th national convention of the Indian Tourism and Hospitality Congress on "Strategic Development of Domestic Tourism in India" organized by Institute of Tourism Studies, University of Lucknow, Lucknow during 01-02 November 2015.
39. Presented a paper entitled "Exploring Relationship Between Infertility and marital Violence" in the national seminar on "Use of Statistics in Industry and Corporate world" organized by Department of Statistics, Banaras Hindu University, Varanasi during 25-26 October 2015.
40. Presented a paper entitled "An Assessment of the Impact of Indian Traditional Medicine and Methodology in Controlling Diabetes Mellitus" in the international conference on "Traditional and Indigenous Medicine" organized by Department of Traditional and Complementary Medicine, Ministry of Public Health, Thailand during 3-5th September 2015.
41. Presented a paper entitled "Marital Violence and health of Women in India: Facts from NFHS-III" in the National Conference on "Gender Disparity and Women Security in India" at Centre for Women's Studies & Development, Faculty of Social Science, Banaras Hindu University, Varanasi during March 12-13, 2015.
42. Presented a paper entitled "A Pragmatic Exploration of Fertility Control Measure Based on Birth Interval to Study the Reproductive Pattern" in the National Conference on "Advances in Mathematical Science and its Applications" at DDU Gorakhpur University, Gorakhpur during February 20-21, 2015.
43. Presented a paper entitled "Prevalence and Risk Factors of Marital Violence and Infertility in India" in the International Seminar on "Gender Equality: Power, Violence against Women, Combating Myths and Understanding Legal Provisions" during 13-15 February, 2015 at Mahila Mahavidyalaya, BHU, Varanasi.
44. Presented a paper entitled "Modeling Length of Tourist's Stay in Varanasi the Heritage City" in the 7th International Conference of Indian Tourism and Hospitality Congress (ITHC) on "Inclusive Growth and Sustainable Development: Agenda for Tourism and Hospitality Industry" during 6-8 February, 2015 at Manali, Himachal Pradesh.
45. Presented a paper entitled "Analysis of Retrospective Time to First Pregnancy Data through Bayesian Technique" in the Bhopal Conference in January 21-23, 2015 at Bhopal.
46. Presented a paper entitled "Survival Analysis of Waiting Time to First Live Birth after Marriage in India" in 12th Annual Conference of IASSH on 21-23 November, 2014 at Lucknow University, Lucknow.
47. Presented a paper entitled "Bayesian Modeling of Retrospective Time to First Pregnancy Data" in National Conference on "Recent Advances in Statistical and Mathematical Sciences and Their Applications" on 4-6 October, 2014 at Kumaun University, Almora.
48. Presented a paper entitled "Association between Alcohol Use and Physical/Sexual Violence in Uttar Pradesh, India" in the First National Population Conference on 5-7 June, 2014 at Tribhuvan University, Kathmandu, Nepal.
49. Presented a paper entitled "A Statistical Study of Growth of Indian Tourism Industry" in the 11th ITC National Conference on "Strategic Interventions in Tourism: Role in Regional Development" on 5-6 April, 2014 at Manipur University, Imphal.
50. Presented a paper entitled "Estimation of Shape of Fertility Pattern Considering Non-homogeneous Poisson Process" in IASSH Eleventh conference held at SRM University, Kancheevaram, Tamil Nadu during December 26-28, 2013.
51. Presented a paper entitled "Alcoholism and Intimate Partner Violence in Uttar Pradesh" in the Annual Conference of IASP in December 15-17, 2013 held at M D University, Rohtak.

52. Presented a paper entitled "A Study of Arrival and Expenditure Pattern of Tourists Travelling To India" in the International conference of Tourism congress at Taylor's University, Kuala Lumpur, Malaysia during Sep. 05-08, 2013.
53. Presented a paper entitled "Estimation of Proportion of Neonatal Mortality and Risk of Infant Mortality and its Explanation" in the National Conference on "Applied Statistics and its Applications" at Department of Applied Statistics, Babasaheb Bhimrao Ambedkar University, Lucknow during March 16-17, 2013.
54. Presented a paper entitled "Infant Deaths by Age in Madhya Pradesh and its Estimation" in the Bhopal Conference in January 18-20, 2013 at Bhopal.
55. Presented a paper entitled "Predicting Total Fertility Rate Indirectly by Using an auxiliary Information: A Classical and a Bayesian Approach" in the International Conference on "Bayesian Theory and Application" at DST-CIMS, Banaras Hindu University, Varanasi, during January 6-10, 2013.
56. Presented a paper entitled "Inability to Conceive and its Health Seeking Behaviour" in the International Conference on "Recent Advances in Mathematical Statistics and its Application in Applied Sciences" at Department of Statistics, Gauhati University, Guwahati in collaboration with ISI, Kolkata during December 31-January 02, 2013.
57. Presented a paper entitled "Analysing the Pubertal Change in Teenagers of Varanasi" in the Annual Conference of IASP in December 13-15, 2012 held at Gokhale Institute of Politics and Economics, Pune.
58. Presented a paper entitled "Declining Trend of Fertility Change: A Parity Progression Ratio Approach" in international Conference of 2nd meeting of Asian Population Association during August 26-29, 2012 at Mahidol University, Bangkok, Thailand.
59. Presented a paper entitled "Does Child Mortality Regulate Reproductive Behaviour of Women" in National Conference at Gorakhpur University during March 12-13, 2012.
60. Presented a paper entitled "A Study of Pattern of Age Specific Fertility Curve Using Some Mathematical Models" in the National Seminar in March 02-04, 2012 held at Department of Statistics, BHU, Varanasi.
61. Presented a paper entitled "Pattern of Age-Specific Fertility Rates and Fertility Control in Northern State of India" in the Bhopal Conference in January 18-20, 2012 at Bhopal.
62. Presented a paper entitled "Reproductive Behaviour of Women and Child Mortality in Uttar Pradesh" in the National Conference in December 09-10, 2011 held at DST-CIMS, BHU, Varanasi.
63. Presented a paper entitled "Gender Difference in Prevalence of STI and Health Seeking Behaviour of Females in Uttar Pradesh" in IASSH ninth conference held at Tata Institute of Social Science, Mumbai during November 24-26, 2011.
64. Presented a paper entitled "Trend and Differentials of Age at Menopause in Uttar Pradesh" in the Annual Conference of IASP in November 11-13, 2011 held at SGPGIMS, Lucknow.
65. Presented a paper entitled "Couple Interaction and Predicting Vulnerability of Domestic Violence in Uttar Pradesh" in Annual meeting of Population Association of America and held at Washington DC, USA during March 31 to April 02, 2011.
66. Presented a paper entitled "Trend Analysis of Wheat Crop Production in India" in the International conference of Managing Sustainable Development of Rural Economy and Agri Business (ICONBHU11) held at Institute of Agricultural Sciences, Banaras Hindu University, Varanasi during 21-23, January 2011.
67. Presented a paper entitled "On the Pattern of Child Loss in Madhya Pradesh" in the Bhopal Conference in January 19-21, 2011 at Bhopal.

68. Presented a paper entitled "An Indirect Estimation of Children Everborn through the Probability Model for Distribution of Number of Child Death" in International Conference of Forum for Interdisciplinary Mathematics (FIM) at Department of Statistics, Patna University, Patna during December 18-20, 2010.
69. Presented a paper entitled "A Probability Model for Age at Sterilization" in the Annual Conference of IASP in November 28-30, 2010 held at Utkal University, Bhubaneswar.
70. Presented a paper entitled "Couple Interaction and Prevalence of Domestic Violence in Uttar Pradesh" in IASSH seventh conference held at Centre for Study of Social Exclusion and Inclusive Policy, Faculty of Social Science, BHU, Varanasi during March 05-07, 2010.
71. Presented a paper entitled "High Risk Sexual Behaviour Following Alcohol Consumption in Eastern Uttar Pradesh" at Department of Geography, Banaras Hindu University, Varanasi during February 18-20, 2010.
72. Presented a paper entitled "Sexual and Reproductive Health Knowledge and Female's Empowerment in Northern India" in the Annual Conference of IASP in November 15-17, 2009 held at Department of Population Sciences, S. V. University, Tirupati.
73. Presented a paper entitled "Relation Between Alcohol Use and Sexual Behaviour in Uttar Pradesh, India" in the International Conference on "Alcohol and HIV in India" during August 3-4, 2009 at Hotel Taj President, Mumbai and organized by International Institute for population Sciences, Mumbai.
74. Presented a paper entitled "Estimation of Total Fertility Rate: A Bayesian Approach" in the National Seminar on Punjab in March 03-04, 2009 at CRRID, Chandigarh.
75. Presented a poster entitled "A Probabilistic Study of the Heterogeneity of Risk of Child Mortality" in the Annual Conference of IASP in October 17-19, 2008 held at ISEC, Bangalore.
76. Presented a paper entitled "Trend of Return Volatility and Day Effect: Evidence from Indian Stock Market" in the Annual Conference of IASP in October 26-28, 2007 held at Banaras Hindu University, Varanasi.
77. Attended 3rd International BHU Alumni Meet & International Seminar on "Education in the 21st Century and Mahatma's Vision" during January 06-07, 2007.
78. Attended the annual conference of IASP in February 24-26, 2005 held at Population Research Centre, Chandigarh.
79. Presented a paper entitled "Estimation of Shape of Fertility Pattern Using Poisson Process" in the International conference on Bayesian Statistics and its Application in January 05-08, 2005 held at BHU, Varanasi.
80. Presented a paper entitled "Knowledge of Married Couples about HIV/AIDS and STD's in Uttaranchal: Some Preliminary Results" in the regional conference of IASP in 2003 held at PRC, Lucknow.
81. Presented a paper entitled "Trends in Fecundability and Sterility over Time" in the Silver Jubilee conference of Indian Society for Medical Statistics in 2002 held at IRMS, New Delhi.
82. Attended the annual conference of Indian Society for Medical Statistics in 2001 held at SGPGIMS, Lucknow.
83. Presented a paper entitled "Family Planning Practices and Human Reproduction in eastern Uttar Pradesh" in the National Seminar in 2001 held at Banaras Hindu University, Varanasi.
84. Attended the National Seminar in 2000 held at Mahila Mahavidyalaya, Banaras Hindu University, Varanasi.
85. Attended the annual conference of Indian Society of Probability and Statistics in 2001 held at Ravishankar Shukla University, Raipur (M.P.).

86. Presented a paper entitled "Impact of Education and Autonomy on Fertility of Women in Eastern Uttar Pradesh" in the Annual Conference of IASP in 2001 held at University of Vishakhapattanam, Andhra Pradesh.
87. Presented a paper entitled "Coital Behaviour of Couples in Eastern Uttar Pradesh, India" in the Annual Conference of IASP in 1999 held at INSPARC, University of Kalyani (W. B.).

SHORT TERM COURSES:

1. Attended the training program on "*Use of Qualitative Research Methods In STD/AIDS and Sexual Behaviour*" from 1-3 August 2001 at Vadodara Organized by Centre for Operation Research & Training, Vadodara. (Participation in the program was sponsored by The POLICY Project, The Futures Group International).
2. Attended a Two-week training program on "*Data Analysis in Social Science*" at Tata Institute of Social Sciences, Mumbai from 5-17 November 2001. (Participation in the program was sponsored by ICSSR, New Delhi).
3. Attended two days Preparatory/Tutorial on Bayesian Lectures in January 2005 at Banaras Hindu University, Varanasi.
4. Attended a Two-week Advance training program on "Bayesian Computation Techniques" in the Department of Statistics, Banaras Hindu University, Varanasi from February 18 to March 1, 2008.
5. Attended Orientation Course at Academic Staff College, Banaras Hindu University, Varanasi from March 4 to 31, 2008.
6. Attended Refresher Course at Applied Statistics Unit, Indian Statistical Institute, Kolkata from March 9 to 31, 2009.
7. Attended Pre-conference training Program at IIPS, Mumbai in 2009.
8. Attended advanced training workshop on "Application of Crop Weather Simulation Model and Decision Support System in Yield Forecasting" in Institute of Environment & Sustainable Development, BHU during June 25-30, 2012.
9. Attended Refresher Course at Human Resource Development Centre, Banaras Hindu University, Varanasi from December 8 to 28, 2015.

ONLINE COURSE:

1. Completed online program on Human Participant Protection Education for Research sponsored by National Institute of Health, USA.

OTHER ACADEMIC ACTIVITIES:

1. Organized a workshop in Faculty of Commerce as Assistant Coordinator in 2007.
2. Organized a National Seminar as Organizing Secretary in 2007.
3. Presented an invited talk on Descriptive Statistics and conduct the practical sessions on Advanced Statistical Tools in the Two-week Winter Program on "Data analysis in Social Sciences" at Tata Institute of Social Sciences, Mumbai in Nov. 2007.
4. Conducted the practical sessions on Advanced Statistical Tools at a workshop on "Stochastic Models and Their Applications" in the Department of Statistics, Banaras Hindu University, Varanasi. Aug. 2008.
5. Organized a training program on Latex in DST-CIMS in 2009.
6. Presented an invited talk on "Some probability models to understand the chance mechanism of child death" in Bill & Melinda Gates Institute for Population and Reproductive Health John Hopkins University, Baltimore, USA in 2011.

7. Presented an invited talk on "Data analysis with SPSS" in the Department of Economics, Faculty of Social Science, Banaras Hindu University, Varanasi in 2011 & 2013.
8. Presented a series of talks on "Data analysis with SPSS" in the DST-CIMS, Banaras Hindu University, Varanasi in 2011 and 2012.
9. Presented a series of talks on "Use of Statistical Tools" in the Academic Staff College, Banaras Hindu University, Varanasi in 2011.
10. Presented a series of talks on "Data analysis with SPSS" in the Department of Statistics, Guwahati University, Gauhati in 2012.
11. Presented a series of talks on "Data analysis with SPSS" in the Department of Statistics, Guwahati University, Gauhati in 2013.
12. Presented a series of talks on "Data analysis with SPSS" in the Department of Management, North-Eastern Hill University, Tura Campus, Tura, Meghalaya in 2013.
13. Presented an invited talks on "Causes and Consequences of Domestic Violence" in a Refresher Course in the Academic Staff College, Banaras Hindu University, Varanasi in 2014.
14. Presented an invited talk on "Estimation, Testing of Hypothesis and Parametric Tests" in a Workshop, at Babasaheb Bhimrao Ambedkar University, Lucknow in Feb. 2015.
15. Presented a series of talks on "Planning and Analysis of Research" in the UGC Human Resource Development Centre, RD University, Jabalpur in 2015.
16. Presented an invited talk on "Data analysis with SPSS" in the Department of Economics, Banaras Hindu University, Varanasi in 2015.
17. Presented an invited talk on "Determination of risk of Anemia in Uttar Pradesh" in International Workshop on Wellness Through Ayurveda, Rishikesh 2015.
18. Keynote speaker at Shillong
19. Invited talk in Rewa University
20. Invited talk in SSPG College, Shahajahanpur
21. Invited talk in FMS, BHU, Varanasi
22. Invited talk in MGKVP, Varanasi
23. Invited talk in RGSC, BHU, Barkachha, Varanasi
24. Invited talk in Department of Statistics, Gauhati University, Guwahati
25. Invited talk in Department of Kayachikitsa, Faculty of Ayurveda, Banaras Hindu University, Varanasi
26. Invited talk in Department of Political Science in ICSSR funded workshop.
27. Invited talk in Department of Commerce, DAVPG College, Varanasi.
28. Barkachha veterinary science
29. Magadh University
30. Chitrakoot University
31. Dibrugarh
32. Silchar Statistics
33. Silchar Management
34. Popular lecture at Dibrugarh
35. Official Statistics at Dibrugarh

ADMINISTRATIVE EXPERIENCE:

1. Warden, Dr. I. N. Gurtu Hostel, Banaras Hindu University, Varanasi. (July 2006 to August 2015)

2. Member Secretary of Academic Activities Committee and Member of some other committees in the Faculty of Commerce, Banaras Hindu University, Varanasi.
3. Member or Member Secretary of several committees formed at the time of different occasions of University level activities like Convocation, Spandan, Alumnae meets, Student Council and other university level programs.
4. Chairman, Judo (Male), University Sport Board, Banaras Hindu University, Varanasi.

MEMBER OF PROFESSIONAL BODIES:

1. Member of International Union for the Scientific Study of Population (IUSSP)
2. Member of Asian Population Association.
3. Life member of Indian Association of Study in Population, India.
4. Life member of Indian Society for Medical Statistics, India.
5. Life member of Indian Association of Probability & Statistics.
6. Life member of Indian Association of Social Science and Health, India.
7. Life member of National Academy of Mathematics, India.
8. Life member of Indian Bayesian Society, India.
9. Life member of Indian Tourism Congress, India.
10. Life member of Epidemiology Foundation of India.
11. Life member of Rajasthan Statistical Association, India.

PERSONAL:

Date/Place of Birth	January 1 st , 1971, Varanasi
Sex	Male
Marital Status	Married
Nationality	Indian
Languages	Hindi and English (reading, writing & speaking)
Mailing Address	A-22, Teachers' Residential Apartment, Jodhpur Colony, Near KV B. H. U., Varanasi-221005 (U.P.) Contact No. 0542-2366467, 09415256970
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