

RESUME



Dr. Manjeet Kumar
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EDUCATIONAL QUALIFICATIONS

- Qualified Ph.D. in Statistics from Department of Statistics, University of Jammu, Jammu in May, 2022.
Topic: Effect of Seasonal Variations on Infant Mortality Rate in Jammu Division
- Passed M.Phil from Department of Statistics, University of Jammu, Jammu with A grade in the year 2015.
- Passed M.Sc (Statistics) examination from University of Jammu, Jammu in the year 2013 with first division securing 75.91% of marks.

- Passed B.Sc. Examination with Mathematics, Statistics and Physics from Govt. M.A.M. College, University of Jammu, Jammu in the year 2011 with second division securing 56.48% of marks.
- Passed Senior Secondary examination from JKBOSE in the year 2008 with second division securing 56.3% of marks.
- Passed High School Examination from JKBOSE in the year 2006 with first division securing 66.8% marks.

ACHIEVEMENTS

- ❖ Qualified UGC-NET Examination in **Population Studies** held in the session December, 2023.

TEACHING EXPERIENCE

- Worked as a lecturer in Statistics on academic arrangement in Government Degree College Samba from November 2023 to till date.

RESEARCH EXPERIENCE

RESEARCH PAPERS PUBLISHED

- ❑ **Manjeet Kumar** and V.K. Shivgotra, “Effect of seasonal variations on infant mortality rate of some selected districts of Jammu Division”. *Indian Journal of Community Medicine*, Vol. 45 (4):415-418.
- ❑ **Manjeet Kumar**, V.K. Shivgotra and Himani Nanda, “Gender wise prevalence of diabetes among the Indian population: A Meta-Analysis using R software”. *Journal of Critical Reviews*, Vol. 7 (7): 683-691.
- ❑ **Manjeet Kumar**, V.K. Shivgotra and Himani Nanda, “Seasonal Variations in Infant Mortality for main death causes of Jammu division, J&K”. *Journal of Advanced Scientific Research*, Vol. 11 (3): 155-160.
- ❑ **Manjeet Kumar**, V.K. Shivgotra and Himani Nanda, “Statistical Modelling for predicting infant mortality in some selected districts of Jammu division, J&K”. *Journal of Xi'an University of Architecture and Technology*, Vol. XII (III): 3371-3380.

- ❑ Dr. Himani Nanda, Dr. V.K. Shivgotra and **Dr. Manjeet Kumar**, “A Multinomial Regression Model to determine the factors related to morbidity pattern among the geriatric population of Jammu district, J&K”. *International Journal of Community Medicine and Public Health*, Vol. 9 (10):3783-3790.
- ❑ Dr. V.K. Shivgotra, **Dr. Manjeet Kumar**, Dr. Himani Nanda and Sapna Kumari, “Prevalence of Dental Caries among Indian Children: A Meta-Analysis”. *International Journal of Research and Analytical Reviews*, Vol. 3 (3): 649-659.
- ❑ Himani Nanda, V.K. Shivgotra and **Manjeet Kumar**, “Health status of geriatric population residing in Jammu district, J&K, India”. *Journal of Advanced Scientific Research*, Vol. 11 (2): 61-67.
- ❑ Himani Nanda, Dr. V.K. Shivgotra and **Manjeet Kumar**, “Factors associated with the morbidity pattern among the geriatric population of Jammu district, J&K: A cross-sectional study”. *Journal of Krishna Institute of Medical Sciences University*, Vol. 9 (4): 11-20.
- ❑ Himani Nanda, Dr. V.K. Shivgotra and **Manjeet Kumar**, “Prevalence of cardiovascular diseases among the urban and rural geriatric population of India: A meta-analysis”. *International Journal of Health Sciences*, Vol. 6 (S3), 7721–7735.

INTERNATIONAL CONFERENCES ATTENDED

- ❑ Presented a paper entitled “**Seasonal variations in infant mortality in Jammu division**” in International Conference on *Analysis and its Applications (ICAA-2019)* organized by Department of Mathematics, University of Jammu, Jammu during December 16-18, 2019.
- ❑ Presented a paper entitled “**Effect of seasonal variations on infant mortality: A study of Jammu division, J&K, India**” in Twenty-Seventh International Conference of Forum for Interdisciplinary Mathematics (FIM) in conjunction with third Convention of IARS On Interdisciplinary Mathematics, Statistics and Computational Techniques (IMSCT 2018 – FIM XXVII), organized by Department of Statistics, University of Jammu, Jammu during November 02-04, 2018.

NATIONAL CONFERENCES ATTENDED

- ❑ Presented a paper entitled “**Seasonal Variations of infant mortality for main death causes in Jammu Division, J&K,**” in *14th JK Science Congress 2019 (A National Event)* organized by University of Jammu, Jammu during December 20-22, 2019.

- ❑ Presented a paper entitled “**Gender wise prevalence of diabetes among the Indian Population: A Meta Analysis**” in 18th Annual National Conference on Significance of Statistics as Interdisciplinary Sciences organized by Department of Statistics, University of Jammu during February 18-20, 2019.

WORKSHOPS/LECTURES/WEBINARS ATTENDED

- Participated in one week national development programme on “**Data Analytics through SPSS**” in collaboration with Human Resource Development Centre, University of Jammu during March 13-17, 2023.
- Participated in a one week online National workshop on “**Time Series Analysis & Biostatistics**” organized by Science Tech Institute, Lucknow, U.P. India, during July 12-18, 2021.
- Participated in a two week online workshop entitled “**Tools and Techniques in Statistical Analysis**” organized by Acharya Narendra Dev College, University of Delhi, under the aegis of DBT STAR College Scheme, during April 6-19, 2021.
- Attended one week online training programme on “**Statistical Data Analysis using R software**” organized by Science Tech Institute, Lucknow, Uttar Pradesh during March 12-18, 2021.
- Attended a **One week national workshop on Data Analytics through R** organized by Department of Statistics, University of Jammu during November 25-30, 2019.
- Attended the **Author Workshop jointly organized by Springer Nature and University of Jammu** at University of Jammu on November 21, 2019.
- Attended a **One week workshop on Research Methodology-I** organized by UGC Human Resource Development Centre, University of Jammu, Jammu during October 15-21, 2019.
- Presented a paper entitled **Mortality trend and pattern in infant mortality in Jammu division, J&K** in Mathematics Research Scholar Meet (A National Meet) organized by Department of Mathematics, University of Jammu, Jammu during August 20-22, 2019.
- Attended a one day workshop on **Applied Mathematics** organized by Department of Mathematics, University of Jammu, Jammu on May 30, 2019.

- Attended the workshop on **Research Methodology Course** during May 24-25, 2018 at Department of Computer Science and IT, University of Jammu, Jammu, J&K.
- Attended the PURSE-DST sponsored **One Week National Workshop on Statistics through SPSS and R** during February 19-24, 2018 at Department of Statistics, University of Jammu, Jammu, J&K.
- Attended an invited lecture on **Free and Open Software** on December 03, 2018 organized by Department of Computer Science and IT, University of Jammu, Jammu, J&K.
- Participated in Mathematics National Meet of Research Scholars in Mathematical Sciences organized by Department of Statistics, University of Jammu, Jammu during December 08-12, 2014.
- Participated in a national webinar on **Data and its relevance in the era of Global Pandemic** organized by Department of Statistics, Indira Gandhi National Tribal University, Amarkantak on October 20, 2020.
- Participated in a webinar on **Strategy for Managing Personal Finance during and After Covid-19** organized by The Business School, Bhandarwah Campus, University of Jammu in collaboration with Association of Mutual Funds in India (AMFI) on June 01, 2020.
- Participated in a webinar on **Logistic Regression** using R STATCRAFT on June 01, 2020.
- Participated in a national webinar on **Machine Learning and Mathematical Modelling** organized by Department of Mathematics and Statistics, Manipal University, Jaipur on August 06, 2020.
- Participated in a webinar on **Data Analysis in R** using STATCRAFT on August 04-06, 2020.
- Participated in a webinar on **Advanced Data Analysis** using STATCRAFT on September 01, 2020.

CONTRIBUTIONS

- Have worked with the Ministry of Labour Employment Labour Bureau, Chandigarh on Contract Basis as **“Investigator”** under the survey titled **“Fifth Annual Employment and Unemployment Survey 2015”**.

- Have worked as Research Assistant in the project "**Efficacy of Building and Construction Workers Act, 1996: A Socio-Legal Study in Jammu Province**" in collaboration with Indian Council of Social Science Research.

SKILLS

- Working knowledge of Statistical software viz. SPSS, R
- Programming Languages: C, C++
- Have been trained to perform statistical data analysis using IBM SPSS ver. 25
- Well versed with Microsoft Office 2016

(Dr. Manjeet Kumar)