

Rishabh Kumar

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EDUCATION

International Institute for Population Sciences

PhD, Biostatistics and Demography

Dissertation: "Seasonality in Mortality and Morbidity: An Investigation at National and Subnational levels in India."

Committee: Profs. Nandita Saikia, Abhishek Singh, and Preeti Dhillon.

Mumbai, Maharashtra

Expected June 2026

Pre-PhD Coursework: Quantitative research, conducted qualitative interviews, book review, and completed credit paper in 'Mortality analysis'.
July 2022 - June 2023

Masters in Population Studies (MPS)

July 2020 - September 2021

Dissertation: "Factor affecting undernutrition among under five children in the most populous state of India: A situation analysis"

Advisor: Prof. S.K. Singh

Babasaheb Bhimrao Ambedkar University

MSc., Statistics

Dissertation: "Comparison of Linear and Non-Linear Models for Mango Production of Kakori Block at Lucknow District of Uttar Pradesh State in India"

Advisor: Dr. Shubhash Kumar Yadav

Lucknow, Uttar Pradesh

July 2018 - September 2020

Lucknow University

BSc., Major: Statistics Computer Applications Minor: Mathematics

Lucknow, Uttar Pradesh

January 2018

RESEARCH INTERESTS

Statistics

Demography

Mortality

Climate and environment

SCHOLARLY PUBLICATIONS

- "Seasonality of Pneumonia Mortality among Infants in India from 2018-2020: A Joinpoint Analysis", Indian Journal of Medical Research (IJMR), (Indian Council of Medical Research), (Under Review).
- "Double burden of Malnutrition among women in Reproductive Age (15-49 Years) in India: Evidence from National Family and Health Survey 2019-21 (NFHS-5)", BMC Nutrition, (Under Review).
- "Searching Best Fitted Regression Models for the Production of Mango and Sugarcane Yields", REVISTA INVESTIGACIÓN OPERACIONAL, 2023.

CONFERENCE PRESENTATIONS

- "Seasonality of Pneumonia Mortality among Infants in India from 2018-2020: A Joinpoint Analysis", IASP National Conference, New Delhi, Dec 2024
- "Seasonality of Pneumonia Mortality among Infants in Himachal Pradesh and Kerala from 2018-2020: A Joinpoint Analysis", Asian Population Association (APA) Conference, Kathmandu, Nepal, Nov 2024
- "Seasonality of Pneumonia Mortality among Infants in India from 2018-2020: A Joinpoint Analysis", ICPD 2024, Lucknow Uttar Pradesh, Nov 2024

- “Factors Affecting Undernutrition among Under Five Children in Gujarat: A Situation Analysis”, Western Regional Conference of the Indian Association for the Study of Population (IASP) National Seminar on "Population Dynamics and Sustainable Development: Insights from Western India", Vadodara, Gujarat, 30-31 May 2024.
- “Factors Affecting Undernutrition among Under-Five Children in the Most Populous State of India: A Situation Analysis”, XXVII IIPS National Seminar IIPS 2022-23, Feb 2023.

WORKSHOPS

- KOSTAT 2024 (Mortality Analysis), UNFPA, 15-19 July, 2024, Daejeon, South Korea
- Systematic Review and Meta Analysis, Tata Institute for Social Sciences, Mumbai, 19th April 2024
- Statistical Data Analysis using SPSS and R, 11-15 March, 2024.
- “Topics in Digital and Computational Demography”, (Online), 04-08 Dec 2023, Max Planck Institute for Demographic Research.
- “Statistics for Machine Learning with R (SMLR)”, Indian Institute of Information Technology, Allahabad, 03-06 July 2023.
- “Biostatistical Data Analysis and Research Methodology” by Science Tech Institute, Lucknow, Dec 21-27, 2022.
- “Sampling Methods in Population and Health Research”, IIPS, Mumbai, Aug, 2024

LEADERSHIP & ACTIVITIES

Cultural Secretary

Aug 2023 - June 2024

- Organized Christmas, Annual Function, New Year Celebration, Ganpati festival and some other cultural activities at International Institute for Population Sciences, Mumbai

SKILLS & INTERESTS

Technical: Course on Computer Concepts (CCC), SPSS, STATA, R, C, C++, Java Languages, Mortpak, Spectrum, LaTeX writing.

Language: English (Proficient), Hindi (Proficient), Japanese (beginner)

Interests: Sports and travelling, Sports certificate in Badminton, Kabaddi, Kho-Kho, Volleyball, Chess, Cricket at University level.

REFERENCES

Prof. Nandita Saikia, Ph.D.

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Prof. S. K. Singh, Ph.D.

Retr. Professor, International Institute for Population Sciences, Mumbai

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Dr. Subhash Kumar Yadav, Ph.D.

Associate Professor, Department of Statistics

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