

Anuj Singh, PhD

(anujsingh11185@iittranchi.ac.in)



Curriculum Vitae

Doctoral Thesis

Title: **Study on Child Nutrition and Mortality through Statistical Methods**

Supervisor: **Prof. Abhay Kumar Tiwari**

Co-Supervisor: **Dr. Rakesh Ranjan**

Department: **DST-Centre for Interdisciplinary Mathematical Sciences, IoE**

University: **Banaras Hindu University, Varanasi, Uttar Pradesh, India**

Percentage: **82.53%**

Research Interests

Applied Mathematics/ Mathematical Demography

Statistics/Bio-Statistics/Time-Series

Data Science

Academic Qualifications

2020-24 **PhD in Statistics and Computing**, *DST-Center for Interdisciplinary Mathematical Sciences, IoE, Banaras Hindu University, Varanasi, U.P., India*

2018-19 **Master of Population Studies**, *International Institute for Population Sciences, Mumbai, India*

2014-2016 **Master of Science (Statistics and Computing)**, *DST-Center for Interdisciplinary Mathematical Sciences, Institute of Science, Banaras Hindu University, Varanasi, U.P., India*

2011-2014 **Bachelor of Science (Mathematics and Statistics)**, *Udai Pratap Autonomous College affiliated with Mahatma Gandhi Kashi Vidyapith, Varanasi, U.P., India*

2010-2011 **Intermediate**, *CBSE Board, Varanasi, U.P., India, (Maths, Physics, Chemistry, English, Hindi)*

2008-2009 **High School**, *CBSE Board, Varanasi, U.P., India (Hindi, Maths, Science, English, Social Science)*

Other Qualification

December 2018 **Qualified University Grant Commission-National Eligibility Test (UGC-NET), Dec 2018.**

Fellowship

Fellowship **University Grant Commission Research Exempted Test (UGC-RET) fellowship, March 2020, Banaras Hindu University.**

Reward

Reward **Awarded as Incentive Grant under Institute of Eminence (IoE) scheme, from Banaras Hindu University for publishing paper in the Q1 indexed journal, September, 2024.**

Professional Membership

Life Member at Indian Association for the Study of Population (Id: *IASPLM-740*)

Computational Skill

Softwares R/R-Studio, SPSS, STATA

Office Tools MS-Office

Teaching Experiences

Assistant Professor (Present)

Indian Institute of Information Technology, Ranchi

CHANAKYA Faculty Fellow,

Indian Institute of Technology Patna (IIT Patna) (From 5 Aug, 2024- 10 March, 2025)

Junior Lecturer

Affiliated College of Mahatma Gandhi Kashi Vidyapith (Jan 2017- June 2018)

Research Publications

1. **Anuj Singh***, Devendra K. Yadav, Shruti Anilkumar, Nilesh Yadav and Aditi Chakraborty. "Regional Disparity in Tobacco Usage and Second Hand Smoking Practices among Adults: Evidence based study in India". Chapter in edited book-MKSES Publisher (India).pp. 15-33.2021.
2. **Anuj Singh*** and Abhinesh Singh. "EXPLORING THE ASSOCIATION OF LIFE-STYLE FACTORS AND HEALTH RELATED ISSUES WITH THE NON-COMMUNICABLE DISEASES: A GENDER-BASED STUDY ON NFHS-4 (2015-16), INDIA." Int. J. Agricult. Stat. Sci. Vol 18.2 (2022): 845-854.
3. A.K. Tiwari and **Anuj Singh***. "Association of Covariates with Neonatal, Infant and Under-5 Mortality in India: A Special Reference to Maternal Height". Health and Population: Perspectives and Issues, 45 (4): 190 - 201 / October-December 2022.
4. Abhay K Tiwari, **Anuj Singh***, Brijesh P Singh. "Family Planning Methods Use in Madhya Pradesh, India: Evidence from National Family Health Survey". INDIAN JOURNAL OF POPULATION AND DEVELOPMENT. Volume 2(2), July 2022: 261-272.
5. Tiwari, A. K., and **Anuj Singh***. "INFLUENCE OF MATERNAL HEIGHT ON BIRTH-WEIGHT, BABY-SIZE AND GESTATIONAL-AGE IN INDIA: EVIDENCE FROM NATIONAL FAMILY HEALTH SURVEY, 2015-16." International Journal of Agricultural & Statistical Sciences 19.2 (2023).
6. Tiwari, A. K., **Anuj Singh***, and Chitra Saroj. "Seasonal Variation in Conception: A Study for India, 2006-2021." Indian J. Prev. Soc.Sci. Med 54.2 (2023): 75.
7. Mayank Singh, **Anuj Singh***, Jagriti Gupta. "Exploring cesarean section delivery patterns in South India: a Bayesian multilevel and Geospatial analysis of population-based cross-sectional data" published in BMC Public Health 24, 2514 (2024).
8. **Anuj Singh***. "Wealth Effects of Change in Infant Mortality Rate in India and its major states: A Decomposition Analysis" accepted in International Journal of Agricultural and Statistical Sciences, (published in Vol.20, No. 1, December 2024).
9. Ravikant Maurya, Brijesh Pratap Singh, Abhay Kumar Tiwari, **ANUJ SINGH***. "A Probabilistic Study of Duration of Post-partum Amenorrhoea in rural Uttar Pradesh" accepted in BRAZILIAN JOURNAL OF BIOMETRICS/ REVISTA BRASILEIRA DE BIOMETRIA (will be published in volume 43, January, 2025).
10. Ravi Kant Maurya, Abhay K. Tiwari, **Anuj Singh***, Vetak K. Tiwari. "Study of Postpartum Amenorrhea Period and its Determinants: A Hazard Analysis Approach" accepted for inclusion in our forthcoming editorial book- Women's Health Dynamics in South Asia: Perspectives, Challenges, and Innovations- Springer.
11. Bajarang Bahadur, **Anuj Singh***, Jagriti Gupta "Spatial Heterogeneity study of Early Child Marriages before and after implementation of Prohibition of Child Marriage Act (2006) in India: Evidence from National Family Health Survey" accepted in Brazilian Journal of Biometrics.

References

- **Prof. Abhay Kumar Tiwari:** Professor, Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi, **Email-id:** abhay.tiwari@bhu.ac.in
- **Dr. Rakesh Ranjan:** Assistant Professor (Statistics), DST-CIMS, Institute of Science, Banaras Hindu University, Varanasi, **Email-id:** rakesh.ranjan@bhu.ac.in
- **Dr. Nutan Kumar Tomar:** Associate Professor, Department of Mathematics, IIT Patna, **Email-id:** nktomar@iitp.ac.in

Declaration

I hereby declare that the above particulars are true to the best of my knowledge and belief.

(Anuj Singh)

Date: 19/05/2025

