

CURRICULAM VITAE

Sanjay Kumar Pal

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CAREER OBJECTIVE

“To pursue a challenging career in public health and research and to be a part of a progressive organization that gives a scope to enhance my knowledge and utilize my skills towards the organization's growth.”

WORK EXPERIENCE

16th Aug. 2018 – 2nd July 2019 **Senior Research Officer, International Institute for Population Sciences, Mumbai**
Project: “Projection of district-level annual population by quinquennial age group and sex from 2011 to 2031 in India”

EDUCATION

2020 – Present **PhD Population Studies (Thesis submitted)**
International Institute for Population Sciences (IIPS), Mumbai, Maharashtra, India

2019 - 2020 **M.Phil. Population Studies**
International Institute for Population Sciences (IIPS), Mumbai, Maharashtra, India

2017 - 2018 **Master of Population Studies (MPS)**
International Institute for Population Sciences (IIPS), Mumbai, Maharashtra, India

2012 - 2014 **Master of Science (Statistics)**
Mahatma Gandhi Kashi Vidyapith, Varanasi, Uttar Pradesh, India

2009 - 2012 **Batchelor of Science (Mathematics, Statistics)**
Mahatma Gandhi Kashi Vidyapith, Varanasi, Uttar Pradesh, India

RESEARCH EXPERIENCE

- **PhD Thesis, June 2020 – present**
Topic: “Contraceptive Equity and its Transition in India”, (Thesis Submitted, September 2024)
Supervisor - Dr. Chander Shekhar, Prof. & Head, Department of Fertility & Social Demography, IIPS, Mumbai, India
- **M.Phil. Dissertation, June 2020**
Topic: “Role of Women’s Empowerment in Family Building Process, and its association with Child Nutrition in India”
Supervisor - Prof. Chander Shekhar, Department of Fertility Studies, IIPS, Mumbai, India
- **Master of Population Studies (Term Paper), May 2018**
Topic: “Examining Linkages Between High-Risk Fertility Behaviour, Chronic Undernutrition and Anaemia among Indian Married Women of Reproductive Age Group”
Supervisor - Prof. Chander Shekhar, Department of Fertility Studies, IIPS, Mumbai, India

RESEARCH PUBLICATIONS

1. Ahamad, V., Bhagat, R.B., Manisha, **Pal, S.K.** (2024). Social support and economic conditions among older migrants in India: do distance, duration, and streams of migration play a role in later life?. *BMC Public Health* **24**, 1843. <https://doi.org/10.1186/s12889-024-19165-7>
2. **Pal, S. K.**, & Shekhar, C. (2024). Association between high-risk fertility behaviour and anaemia among urban Indian women (15–49 years). *BMC Public Health*, *24*(1), 750. <https://doi.org/10.1186/s12889-024-18254-x>
3. **Pal, S. K.**, & Shekhar, C. (2021). Examining the role of high-risk fertility behaviour in chronic undernutrition among Indian married women age 15-49. *Clinical Epidemiology and Global Health*, *11*, 100739. <https://doi.org/10.1016/j.cegh.2021.100739>
4. **Pal, S. K.**, Vijay, J., & Patel, K. K. (2021). Prevalence of under-5 mortality and its associated risk factors in Afghanistan. *Children and Youth Services Review*, *120*, 105801. <https://doi.org/10.1016/j.childyouth.2020.105801>

CONFERENCES ATTENDED

- 2024** *Poster Presentation on “Progress and Equity in informed choice methods received by women in Uttar Pradesh and its districts”* at 28th National Seminar, International Institute for Population Sciences at Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi, Uttar Pradesh (12-13 February 2024)
- Oral presentation on “Is the use of Sterilization more Equitable than Modern Spacing Methods of Contraception across Social and Economic factors in India and its Regions?”* at Applied Demography Conference (ADC), 2024 (6-8th February 2024) (Online).
- 2023** *Oral presentation on “Does the use of Sterilization more Equitable than Modern Spacing Methods of Contraception across Social and Economic factors in India and its Regions?”* at 44th Annual Conference of the IASP at NIT Rourkela, Odisha (8th – 10th November 2023).
- Poster presentation on “Equity in Contraceptive use and Sources of Contraception across Social and Economic Factors in India and its Regions”* at the International Conference organized by the Indian Association for Social and Health (IASSH) jointly with Sharda University, Greater Noida (U.P.) (15th – 17th March 2023)
- 2022** *Oral presentation on “Correlates of High-risk fertility behaviour and anaemia among urban Indian women (15-49 years)”* at 2nd National Conclave on Public Health Nutrition: Measuring Progress towards achieving Sustainable Development Goals” organized by the Department of Humanities and Social Sciences, National Institute of Technology Rourkela, Odisha (16-17 December 2022).
- Poster presentation on “Linkages between High-risk fertility behaviour and Anaemia among ever-married women (15-49 years) in India: A study based on NFHS-5 (2019-21)”* at 43rd Annual Conference of IASP Population, Nutrition, Health, and Development: Experiences and Challenges, at Mohanlal Sukhadia University [MLSU], Udaipur Rajasthan (1st - 3rd December 2022).
- Oral presentation on “Equality and Achievement in access to secondary or higher education among women in India and its selected states”* at National Seminar on “Population, Health and Sustainable Development Goals: Performance and Prioritizing Policies” at A N Sinha Institute of Social Sciences, Patna, Bihar (13-15th March 2022).
- Oral presentation on “Examining the linkages between High-risk fertility behaviour and Anaemia among ever-married women (15-49 years) in India: A study based on NFHS-5 (2019-21)”* at International Seminar on Applications of Statistical Computing & Data Analytics-2022 (ASDA-2022) at Sambalpur University, Odisha (29th June 2022) (online).
- 2019** *Oral presentation on “Examining the linkages between high-risk fertility behaviour and chronic undernutrition among Indian married women of reproductive age-group”* at the 40th Annual Conference of the Indian Association for Study of Population held at the University of Kerala Thiruvananthapuram (12-14 December 2019).

WORKSHOPS ATTENDED

- 2023** **2023 KOSTAT-UNFPA Winter Seminar on Population workshop – Fertility and Family (27th – 30th November 2023)**, Statistics Korea (KOSTAT) and United Nations Population Fund (UNFPA)
- Qualitative Research Methods in Social Sciences (13th -14th March 2023)**, IASSH International Conference, at Sharda University, Greater Noida (U.P.)
- 2022** **Ethics and Integrity in Social Science and Health Research (4th – 8th April 2022)**, Short-Term Training Programme (STTP) of IIPS, Mumbai, India
- R and Python Programming (online) (11-15, March 2022)**, Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi, Uttar Pradesh, India
- 2021** **International Workshop on Research Methodology for Social Sciences (5th -9th October 2021)**, Department of Business Economics and Commerce and Internal Quality Assurance Cell of the Institute in Collaboration with the International Institute for Population Sciences, Mumbai-400088
- Introduction of Human Mortality Database (9th September 2021)**, International Institute for Population Sciences, Mumbai, in Collaboration with Max Plank Institute for Demographic Research, Germany.
- Introduction to R: Demographic and Spatial Analysis (5th – 9th April 2021)**, Short-Term Training Programme and Publication Cell of IIPS, Mumbai.
- 2020** **Online workshop on “Multivariate Data Analysis using SPSS” (18-24 November 2020)**, Inspira Research Association (IRA), Jaipur, Rajasthan, India

CERTIFICATE/DIPLOMAS

- Certificate of **Introduction to R Software** (NPTEL) (November 2019)
- Certificate of **Regression Analysis** (NPTEL) (November 2019)
- Certificate of Completion of **“R Programming A-Z: R For Data Science with Real Exercise!”** (Udemy) (December 2021)

FEATURED SKILLS

Linear Models Statistical Inference Regression Analysis Spatial Analysis & Modelling

SOFTWARE SKILLS

Quantitative: STATA, SPSS, R, MS-Excel (efficient → less efficient)
Geographic: ArcGIS, QGIS, GeoDa (efficient → less efficient)
Demographic: SPECTRUM (LiST), MORTPAK-4 (efficient → less efficient)

ACADEMIC ACHIEVEMENTS

Achievements in Test for Higher Education

Dec. 2018 *JRF (Junior Research Fellow), University Grant Commission "National Eligibility Test"*
in Population Studies.

MEMBERSHIP IN SCIENTIFIC SOCIETIES

- ✚ Population Association of America, 2023-24
- ✚ Applied Demography Group, 2023-24
- ✚ Asian Population Association (APA), 2023-24
- ✚ Asian Population International Union for the Scientific Study of Population (IUSSP), 2021-Present
- ✚ Indian Association for Study of Population, 2021-present

PERSONAL DETAILS

Father's Name Ramjit Pal
Mother's Name Kamala Devi
Date of Birth 14/06/1991
Permanent Address Village - Nonakhara, Post- Gorai, Varanasi, Uttar Pradesh-221307

LANGUAGES KNOWN: English & Hindi

Name & Address of Two Referees

- 1) Name Dr. Chander Shekhar
Position Prof. & Head, Department of Fertility & Social Demography
Contact address Department of Fertility & Social Demography, International Institute
for Population Sciences, Mumbai-400088, Maharashtra.
Email-Id & Phone shekharc@iipsindia.ac.in, +91-2242372429
- 2) Name Dr. Marali Dhar
Position Prof. & Head, Department of Bio-Statistics & Epidemiology
Contact address Department of Bio-Statistics & Epidemiology, International Institute
for Population Sciences, Mumbai-400088, Maharashtra.
Email-Id & Phone m.dhar@iipsindia.ac.in, +91-2242372478

DECLARATION

I hereby declare that the particulars of information and facts stated herein above are accurate, correct, and complete to the best of my knowledge and belief.



Place: Mumbai

(Sanjay Kumar Pal)