

Resume- Vandana Tamrakar

Research Scholar

Centre for the Study of regional
Development (CSR D)

School of Social Science (SSS)

Jawaharlal Nehru University (JNU)

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Education

- Master of Population Studies (2012-2013; International Institute for Population Sciences, Mumbai)
- M.Phil. in Population Studies (2013-2015; Center for the Study of Regional Development, School of Social Science, Jawaharlal Nehru University, New Delhi)

Award /Honour

- Received travel scholarship from the International Union for the Scientific Study of Population for International Population Conference Cape Town SA 2017.
- Central Bureau of Secondary Education Junior Research Fellowship qualified (2016) in Population Studies.
- Dr. T.V.K. Satnarayana Memorial Best Poster award (2015) at XIII Annual Conference of the Indian Association for Social Sciences and Health held at University of Kerala, Thiruvananthapuram.
- National Eligibility Test for Assistant Professorship qualified (2015) in Population Studies conducted by University Grant Commission India.

Technical Skills

Analytical Software

Advanced excel

STATA

SPSS

R

Demography Software

Mort pack

Spectrum

Arc- GIS

Geo Da

Present: Pursuing Ph.D. in Population Studies (JNU) and PG Diploma in Women and Gender Studies (IGNOU), New Delhi.

Professional Summary

The five years' experience of data analysis in demography research with good knowledge in Bivariate and Multivariate analysis, Research Article Writing, Project Reporting and Data Visualizations through Arc-GIS and Geo-Da.

Affiliation

- International Union for the Scientific Study of Population (IUSSP), France (Student Membership).
- Institute of Actuaries of India (IAI), Mumbai (Student Membership).
- Indian Association of Social Science and Health (IASSH), Mumbai (life Membership).
- Indian Association of Population Science (IASP), New Delhi (life Membership).
- Indian Health Economics and Policy Association, Bengaluru Karnataka (life Membership)

Key Engagements in Research Projects

ICRW, New Delhi

Aim of the project was to study long term trend analysis of gender discrimination in India and compare the four decades (1981-2011) of excess female deaths (sex ratio at birth and child sex ratio, ratio of infant and child mortality) at district level by socio economic background characteristics. The project includes indirect estimation of life table for small states of India and infant and child Mortality estimation at district level by Brass Methods, Sex ratio at Birth at district level by reverse survival Methods.

Technology Stack: Advanced Excel, STATA and Arc-GIS

CREA, New Delhi

CREA project about the empowering adolescent girls. The program is 15 community-based partner organizations in eight rural districts across Bihar, Jharkhand, and Uttar Pradesh, thereby reaching out to over 6000 girls, directly and indirectly. Technical work assigns me to projection of adolescent girls in their district for further program strategic development and evaluation of current program exist.

Technology Stack: STATA, Advanced Excel, Arc-GIS.

IIM Indore, Madhya Pradesh

One -Year Work Experience (2011- 12) as Academic Associate in Indian Institute of Management in Operation Research and Quantitate Technique. The project is assessment to support the faculty in varied academic activities- Research Workshop, Research and Develop Course Module, Project Analysis and Develop New Case Studies.

Technology Stack: Advance Excel and SPSS Programming.

Research Publication

- Tamrakar V. & Ali. I. (2015) Challenges of SC/ST housing condition and Its Association with Millennium Development Goal in India, 1991-2012, *South Asia Journal of Multidisciplinary Studies*, Volume 3 Issue 1
<http://sajms.com/volume-3-issue-1/>
- Guilimoto, C. Z., Saikia, N., Tamrakar, V., & Bora, J. K. (2018). Excess under-5 female mortality across India: a spatial analysis using 2011 census data. *The Lancet Global Health*, 6(6),e650-e658.
[https://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(18\)30184-0/fulltext](https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(18)30184-0/fulltext)
- One paper accepted and in under review committee.

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Ph.D. Scholar

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Workshop

- “Publishing in Academics Journals: Tips to help you succeed” jointly organized by Dr. B.R. Ambedkar Central Library, JNU and Taylor Francis Group on 10 January 2019.
- “International Symposium in Health Analytics and Disease Modelling”, organized by Indian Council of Medical Research 8-9 March 2018 in New Delhi
- “Social Media and Digital demography” in R Workshop 27 November 2017 Cape Town South Africa.
- “Demography of gender bias” IUSSP workshop conducted by the Centre for the Study of Regional Development, JNU in collaboration with UNFPA India and Centre population et development, France 2017.
- “Approach to Social Science Research” Sixth Pre-Conference Workshop organized by Indian Association for Social Sciences and Health (IASSH) held at the University of Kerala, Thiruvananthapuram 2016.
- “English for Academic Writing from Synopsis to Thesis Writing” summer program organized by Linguistic Empowerment Cell in Jawaharlal Nehru University, New Delhi.
- “Census Data Dissemination Workshop” at G.B. Pant Social Science Research Institute in Allahabad organized by UNICEF and Census Office, Allahabad 2014.

International and National Conference/ Seminar

- Oral presentation “Gender Difference in feeding, Nutrition and Health Care in EAG States of India” in 16th Indian Association for Social Sciences and Health (13-14 December 2018 in collaboration with Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi.
- Oral presentation “Geospatial distribution of excess female under five deaths in India” in International seminar on Mortality Analysis and Forecasting organized by IUSSP panel in life span extension in collaboration with Centre for the Study of Regional Development, Jawaharlal Nehru University India April 6-8 April 2017.
- Oral presentation “Urbanization and Development in Million Plus cities of Maharashtra” in International Population Conference Cape town South Africa 2017.
- Oral presentation “Excess Female Deaths in India: Evidence from High Focused States”, in International Seminar on Mortality and Causes of Death Studies in India organized by Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi 26-27 March, 2015.
- Oral presentation “Urbanization and development Million Plus Cities of Maharashtra” in Young Scientist Award XIV Annual Conference of the Indian Association for Social Sciences and Health (IASSH) held at Gokhale Institute, Thiruvananthapuram 2016.
- Oral presentation “Fertility Trend and Contraceptive Use among Currently married Tribal Women in Madhya Pradesh, National Seminar Shyam Institute Bhopal Seminar 24 -25 Jan, 2014.
- Oral presentation “Contraceptive uses and Methods choices among Currently Married Women in India” in National Conference XXXVI, Indian Association for Study of Population in collaboration with Department of Demography and Population Research Centre, University of Kerala 7-9 Nov 2014.
- Poster presentation “Explaining the gap in drinking water and sanitation facilities among social groups” in International Population Conference Cape town South Africa 2017.
- Poster presentation “Challenges of SC/ST housing condition and its association with millennium development goals in India 1991-2013” in XIII Indian Association for Social Sciences and Health (10-12 December 2015 in collaboration with Department of Demography and Population Research Centre, University of Kerala.