

# MOUSUM PEGU

PhD Scholar, Population Studies | International Institute for Population Sciences (IIPS), Mumbai  
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## PROFILE

PhD scholar in Population Studies at the International Institute for Population Sciences (IIPS), Mumbai, researching tobacco use dynamics in India. Hands-on experience in national-scale survey operations (National Family Health Survey-6) and mixed-methods research, including a national assessment of death registration in India. Skilled in statistical and demographic analysis, and in turning complex data into clear, evidence-based recommendations. Qualified for Junior Research Fellowship (JRF) and Assistant Professor eligibility in Population Studies.

## EDUCATION

### Doctor of Philosophy (Ph.D.) in Population Studies 2025 - Present

International Institute for Population Sciences (IIPS), Mumbai

**Research topic:** Understanding Tobacco Use Dynamics in India: Temporal Trends, Tobacco Initiation and Cessation, and Socioeconomic Inequalities

### Master of Science in Biostatistics and Demography 2021 - 2023

International Institute for Population Sciences (IIPS), Mumbai | CGPA: 7.42

**Dissertation:** Assessing Mortality Disparities at the District Level in India: A Log-Quadratic Model Approach for Indirect Estimation

### Bachelor of Science in Statistics 2018 - 2021

Cotton University, Guwahati | CGPA: 6.4

## WORK EXPERIENCE

### Junior Research Officer Aug 2023 - Aug 2024

National Family Health Survey-6 (NFHS-6) | International Institute for Population Sciences (IIPS), Mumbai

- Supervised and monitored data collection in Assam and Tripura for NFHS-6, a nationwide survey of health, nutrition and population indicators funded by the Ministry of Health and Family Welfare, Government of India.
- Led training sessions for field investigators to prepare them for high-quality data collection.
- Reviewed collected data and used Fact Check Tables (FCTs) and Project Officer Query Reports (POQRs) to identify inconsistencies, giving field teams regular feedback and running debriefing sessions to improve data quality.
- Coordinated with government officials at multiple levels to ensure smooth execution of fieldwork.
- Reported regularly on field operations and data collection progress to the nodal agency, IIPS Mumbai.

### Project Officer Apr 2023 - Aug 2023

International Institute for Population Sciences (IIPS), Mumbai

**Study:** An Assessment of Death Registration in the Civil Registration System in India: A Mixed-Methods Study

- Conducted mixed-methods research, including literature review, questionnaire development, qualitative interviews and data analysis.
- Led qualitative data collection through in-depth interviews, key informant interviews and focus group discussions, ensuring data quality and integrity.
- Managed transcription and analysis of qualitative interviews, ensuring accurate documentation and interpretation of findings.
- Prepared reports and research briefs combining qualitative and quantitative findings, with actionable recommendations, and collaborated with stakeholders to keep research objectives and timelines aligned.

## AWARDS

Qualified for the award of Junior Research Fellowship (JRF) and eligibility for Assistant Professor in Population Studies (June 2024).

## WORKSHOPS & TRAININGS

- Decomposition Analysis in the Social Sciences Using Stata Software**, VART Consulting, Mumbai (May 2026)
- KoboToolbox Data Collection Tool: Hands-on Practice**, VART Consulting, Mumbai (May 2026)

- **Hands-on Analysis of Employment and Unemployment & Periodic Labour Force Survey (PLFS) Data Using Stata Software**, VART Consulting, Mumbai (Feb - Mar 2026)
- **Understanding and Analyzing Research Data and Modelling with Stata Software**, VART Consulting, Mumbai (Aug 2025)
- **Artificial Intelligence Tools for Research and Academia: Responsible Use and Practical Applications**, VART Consulting, Mumbai (2025)
- **Principles of Clinical Trials: Design, Conduct, and Analysis**, International Institute for Population Sciences (IIPS), Mumbai & DY Patil Deemed to be University, Navi Mumbai (2025)

## SEMINARS

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- **Empowering Tribal Communities through Sustainable Entrepreneurship: Leveraging AI and IT for Inclusive Growth**, Tata Institute of Social Sciences (TISS), Mumbai (2025)

## SOFTWARE SKILLS

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**Statistical software:** SAS, Stata, R

**Spatial analysis:** ArcGIS, GeoDa

**Qualitative analysis:** ATLAS.ti, NVivo

**Office tools:** Microsoft Word, Excel, PowerPoint

## REFERENCES

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### **Dr. Nandita Saikia**

Professor

Department of Public Health & Mortality Studies

International Institute for Population Sciences (IIPS), Mumbai

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### **Dr. T. R. Dilip**

Associate Professor

Department of Family & Generations

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