

CURRICULUM VITAE

1. **Name:** Dr. Naina Purkayastha
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Dept. of Mathematics and Statistics
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Language known: Assamese, English, Bengali, Hindi

Educational Qualification:

Qualifications	Board/University	Year
PhD	Dibrugarh University	2024
M.Phil	IIPS, Mumbai	2018-19
Masters of Population Studies	IIPS, Mumbai	2017-18
M.Sc (Statistics)	Dibrugarh University, Assam	2017
B.Sc (Statistics)	Gauhati University, Assam	2015
HS (12th Standard)	AHSEC	2012
HSLC (10th Standard)	SEBA	2010

Qualified UGC NET (National Eligibility Test) on Population Studies in the year 2018.

Qualified NE-SLET (State Level Eligibility Test) on Mathematical Science (Statistics) in the year 2024.

Area of Research and Specialization: Econometrics, Operations Research, Regression Analysis, Projection Modelling, Demography, Biostatistics, and Elderly Living Arrangements

Skills: Oral and written Communication Skill, MS Office, MS Excel Fortran 99, C programming, R programming, SPSS, STATA, MORTPAK, SPECTRUM, CS-PRO, ATLAS.ti, N VIVO, Arc GIS.

Conferences, seminars, and workshop attended:

- (i) Attended one-week workshop on **Statistical Analysis using SPSS** organized by Dept of Statistics Dibrugarh University, during 21-25 March, 2022.
- (ii) Attended a 6 days' workshop on **Statistical and Data Analytics with R** organized by

- CYPHER ANALYTICA from 27th July to 1st August 2020
- (iii) Attended a one week Online Short Term Training Programme on **Tableau – Data Visualization Tools for Researchers** organized by IFET College of Engineering, sponsored by AICTE, from 31st August to 5th September 2020.
 - (iv) Attended a one week online workshop on **Statistical Inferences**, organized by Department of Statistics Dibrugarh University from 24th – 28th August 2020.
 - (v) Attended an International Conference conducted by Department of Statistics , Dibrugarh University, sponsored by UGC SAP-DRS-II, Govt. of India from 18.09.2020 to 20.09.2020, and presented a paper entitled “**Future Trends of Co-residence of Indian Elderly: An Empirical Investigations**”.
 - (vi) Attended a workshop-cum-training program on **Statistical Data Analysis Using SPSS, R and JULIA**, organized by Gauhati University and Indian Statistical Institute, Kolkata, from 03.12.2019 to 07.12.2019.
 - (vii) Attended a national seminar (2019) on “**Population dynamics in India and its implications on health and environment**”, conducted by International Institute for Population Sciences , Mumbai in collaboration with National Institute of Rural Development and Panchayati Raj, Hyderabad. And presented a paper on “Patterns and predictors of living arrangements among Indian elderly : an evidence from National Sample Survey Organization”.
 - (viii) Attended an International Conference conducted by IASP (**Indian Association for the Study of Population**) held in Banaras Hindu University from 18.09.2018 to 20.09.2018, and presented paper entitled “Prevalence and potential determinants of primary infertility among the currently married women in India”.
 - (ix) Attended a workshop on ‘**Training Programme in Probability Theory and its Application**’ funded by Department of Science and Technology, Govt of India, Organized by Department of Statistics Arya Vidyapeeth College, Gauhati University, Assam, India.
 - (x) Attended a Seminar on “**Recent Trends in Theoretical and Applied Statistics-II (RTTAS-II)**” under the UGC SAP DRS – II organized by the Department of Statistics during March, 2017, Dibrugarh University, Assam, India.
 - (xi) Presented a paper on an International Conference on **Emerging Trends in Basic and Applied Sciences (ETBAS 2025)**, organised by D.D.R. College Chabua, Dist-Dibrugarh, Assam
 - (xii) Presented a paper on an International Conference on **Fourth Industrial Revolution and Higher Education (FIRHE) 2023**, organised by Dibrugarh University Institute of Engineering and Technology from 23.02.2023 to 25.02.2023.
 - (xiii) Presented a paper on an International Conference on **Recent Advances in Statistics and its Applications (ICRASA-2024)** from December 5-6, 2024, organised by Department of Statistics, Dibrugarh University.

Publications

- (i) Purkayastha, N., & Sharma, H. (2021). Prevalence and potential determinants of primary infertility in India: Evidence from Indian demographic health survey. *Clinical Epidemiology and Global Health*, 9, 162-170 (Scopus).
- (ii) Purkayastha, N., Maurya, P., & Pathak, D. (2021). Socioeconomic disparity in regular consumption of tobacco among adults: an empirical investigation from Northeast India. *Journal*

of Substance Use, 1-8 (Scopus).

- (iii) Purkayastha, N., Dhillon, P., Ali, B., & Hazarika, J. (2024). Changing Patterns of One-Person and One-Couple-Only Households in India. *Journal of Population Ageing*, 17(1), 51-69. (Scopus).
- (iv) Purkayastha, N., & Hazarika, J. (2024). National and Subnational Projection of Living Arrangements Pattern of Indian Elderly: Application of Net Transition Probability Macrosimulation Models. *Journal of Population Ageing*, 1-26. (Scopus).
- (v) Purkayastha, N. (2020). Patterns and Predictors of Childlessness Among the Currently Married Women in India. *Mahashweta*, ISBN No. 978-81-936681-1-5.
- (vi) Chakraborty, S., & Purkayastha, N. (2023). Evaluation of Customer's Satisfaction Level using Travel Portal Services: An Empirical Investigation from Tinsukia Town, Assam. *Utkarsh*, vol(IX), 54-63.
- (vii) Pathak, D., Purkayastha, N., Sharma, H., Hazarika, P. J., & Hazarika, J. (2025). Tobacco cessation in Northeast India: The impact of mass media on changing habits. *Population Medicine*, 7(April), 1-9. (Scopus)
- (viii) Patowary, A. N., Purakasthay, N., Goswami, K., Hazarika, P. J., & Pathak, B. (2017). A STUDY ON LONG TERM RAINFALL PATTERN OF DHUBRI AND GUWAHATI IN ASSAM, INDIA: A TIME SERIES APPROACH. *International Journal of Advanced Research in Computer Science*, 8(7). Available Online at www.ijarcs.info © 2015-19, IJARCS All Rights Reserved 708 ISSN No. 0976-5697.
- (ix) Srivastava, S., Chauhan, S., Patel, R., Kumar, P., Purkayastha, N., & Singh, S. K. (2020). Does Change in Family Structure Affect the Household Headship among Older Adults in India? A Gendered Perspective. *Ageing International*, 1-19 (Scopus).
- (x) Srivastava, S., Purkayastha, N., Chaurasia, H., & Muhammad, T. (2021). Socioeconomic inequality in psychological distress among older adults in India: a decomposition analysis. *BMC psychiatry*, 21(1), 1-15 (Scopus).
- (xi) Chaurasia, H., Debnath, P., Srivastava, S., Purkayastha, N. (2021). Is Socioeconomic Inequality Boosting Intimate Partner Violence in India? An Overview of the National Family Health Survey, 2005–2006 and 2015–2016. *Glob SocWelf*. <https://doi.org/10.1007/s40609-021-00215-6> (Scopus).
- (xii) Srivastava, S., Shaw, S., Chaurasia, H., Purkayastha, N., & Muhammad, T. (2021). Feeling about living arrangements and associated health outcomes among older adults in India: a cross-sectional study. *BMC public health*, 21(1), 1-14. (Scopus)

Achievements: First Rank Holder in M.Sc. in Statistics from Dibrugarh University, Assam.

I do hereby state that the information given above are true to the best of my knowledge.

Date: 19/05/2026

(Naina Purkayastha)

Place: Dibrugarh