



Anupama Singh

ASSISTANT PROFESSOR

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I am an Assistant Professor in the department of Statistics at the University of Lucknow, UP, India. Currently, I work on technical demography, migration modeling and biostatistics.

Employment

Assistant Professor

UNIVERSITY OF LUCKNOW

Lucknow, UP, India

January 2016 -> Present

- Assistant Professor in the department of Statistics. Applied Statistics, Demography, Statistical Inference and Applied Multivariate Analysis

Education

PhD in Statistics

DEPARTMENT OF STATISTICS, BANARAS HINDU UNIVERSITY

UP - India

2011 -> 2019

- Doctoral Thesis— A Statistical Study on Some Demographic Characteristics and Trends

M.Sc. (Statistics)

M.L.S. UNIVERSITY, UDAIPUR

Rajasthan - India

2009 -> 2011

- Grade — 81%

B.Sc. (Statistics, Mathematics & Physics)

J.N.V. UNIVERSITY, JODHPUR, RAJASTHAN

Rajasthan - India

2004 -> 2009

- Grade— 59%

Participation in Workshops/ programs

Data Science using R

DEPARTMENT OF STATISTICS, UNIVERSITY OF LUCKNOW

UP - India

2016 -> 2016

- Statistical analysis of demographic data with R

Biostatistical Computing with R

DEPARTMENT OF BIostatISTICS AND HEALTH INFORMATICS, SANJAY GANDHI POSTGRADUATE INSTITUTE OF MEDICAL SCIENCE, LUCKNOW

Lucknow, UP

2017 -> 2017

- Biostatistical modeling

Actuarial Statistics course

DEPARTMENT OF STATISTIC, UNIVERSITY OF DELHI, DELHI

Delhi-India

2017 -> 2017

- Use of Acturail sciences in Insurance business

Skills

Quantitative Analysis

SPSS, R, PYTHON

Honors and Scholarships

Rajiv Gandhi National Fellowship for Research

GRANTED BY UNIVERSITU GRANT COMMISSION, INDIA

Banaras Hindu University, UP

2012

- For doctoral research

Publications

Journal Articles (Peer Reviewed)

- SINGH, ANUPAMA 2019
- Population Growth Models: Some Investigations Under Stability Conditions. International Journal Agricultural and Statistical Science, 15(2), 481-486
- SINGH, ANUPAMA AND YADAV, K. N. S. 2018
- A Study of Internal Migration India: An Application Markov Chains. Demography India, Special Issue, pp: 73-80.
- SINGH, ANUPAMA, YADAV, K. N. S. AND PREETI, K. 2021
- Projection of Infant Mortality Rate: Application of Life Expectancy. Global Journal of Multidisciplinary Studies, 4(4), 88-95.
- PREETI, K. SINGH, ANUPAMA AND SINGH, BP 2014
- Estimating Indian Population up to Stability: An Application of Cohort Change Ratios. Global Journal of Multidisciplinary Studies, 3(8), 53-58

Book Editor

- MISHRA, ROLI AND SINGH, ANUPAMA 2021
- Silent Voices, Gender Sensitization Cell of University of Lucknow

Invited Talks/ Lectures Delivered

Lecture

- SINGH, ANUPAMA 2017
- Data visualization with SPSS. Seven Days' Workshop on Data Analysis Using SPSS, October 10-16, 2017.
- SINGH, ANUPAMA 2017
- Correlation and Regression analysis with R. Orientation Programme on Application of R software in Statistical Analysis of Data organised by Bharatiya Shiksha Shodh Sansthan during February 02-08, 2017.
 - Basics of hypothesis testing and their applications in Social sciences. Orientation Programme on Application of R software in Statistical Analysis of Data, organised by Bharatiya Shiksha Shodh Sansthan during February 17-23, 2017.
 - Defining and understanding data and variables in statistical analysis with SPSS. Orientation Programme on Application of SPSS software in Statistical Analysis of Data organised by Bharatiya Shiksha Shodh Sansthan during April 11-18, 2017.
 - Understanding Discrete and Continuous probability Distributions. Orientation Programme on Probability Theory & Distributions, organised by Bharatiya Shiksha Shodh Sansthan during July 24-31, 2017.
 - Application of hypothesis testing in crime statistics. Hands-On-Training Program on Data Analysis using SPSS, on November 20 2017 organised by U.P. Police Technical Services Head Quarters, Lucknow.UP
- SINGH, ANUPAMA 2018
- Statistical analysis of crime data. Three days SPSS Workshop for UP Police Officers, organised by U.P. Police Technical Services Head Quarters, Lucknow during March 17-19 2018.
 - Graphical representation of statistical data with SPSS. Orientation Programme on Application of SPSS software in Statistical Analysis of Data organised by Bharatiya Shiksha Shodh Sansthan during November 22-28, 2018.
- SINGH, ANUPAMA 2019
- Applications of parametric and non parametric testing of hypothesis. Seven Days' Workshop on Data Analysis Using SPSS, February 19-25, 2019.
 - Analysis and handling of Big Data with Rcmdr. Orientation Programme on Data Analysis in R and Rcmdr organised by Bharatiya Shiksha Shodh Sansthan during March 28- April 03 2019.
 - Vital statistics and its application in the field of Social Sciences. Orientation Programme on Data Analysis in R and Rcmdr organised by Bharatiya Shiksha Shodh Sansthan during March 28-April 03 2019.

Conferences

Oral Presentations

- SINGH, ANUPAMA 2017
- Population projection and birth trajectories using stable population theory. International Conference on "Computational Mathematics & Statistics" organized by Department of Mathematics & Statistics, Banasthali University, India and co-organized by Department of Mathematics, Universiti Putra Malaysia, Malaysia during January 24-26, 2017.
- SINGH, ANUPAMA 2017
- Population Growth Models: Some Investigations Under Stability Conditions. National Seminar on Applications of Scientific and Statistical Software in Research funded by U.P. State Government organized by School of Sciences U.P. Rajshri Tandon Open University, Allahabad during 30-31 March 2017.
 - Projection of migration in India using Markov Chain Theory. National Seminar on Advanced Developments in Theoretical and Applied Statistics (ADTAS-2017) organised at Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi, India during November 13-15 2017.
- SINGH, ANUPAMA 2018
- Stochastic Modelling of Interstate Migration data in India. International Conference on Changing Paradigms and Emerging Challenges in Statistical Sciences in conjunction with Bi-Decennial Convention of Society of Statistics, Computer and Applications organised by Department of Statistics, Pondicherry University, Puducherry during January 29-31, 2018.

- Study of Internal Migration in India: An Application of Markov Chain. The Migration Conference organised by University of Aldo Moro, Bari, Italy during June 18-20 2019.