



Mayank Singh

Ph.D. Research Scholar (**3rd Year**),
International Institute for Population Sciences,
Mumbai-400088, India.

Citizenship: India

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Motivation: *An enthusiastic, adaptive and capable pupil person with a broad and acute interest in the field of statistical analysis, mathematical demography and epidemiological studies, I particularly enjoy collaborating with statisticians and social scientists from different disciplines to develop new skills and enhance my knowledge.*

Academic Qualifications:

1) Ph.D. in population Studies (enrolled in 2019)

International Institute for Population Sciences, Mumbai, India.

Pursuing

2) M.Phil. in Population Studies, (2018-2019)

International Institute for Population Sciences, Mumbai, India.

CGPA-7.15

3) Master in Population Studies, (2017-2018)

International Institute for Population Sciences, Mumbai, India.

CGPA- 7.22

4) Master in Health Statistics, (2015-2017)

Banaras Hindu University, U.P., India

CGPA-8.79

5) B.Sc. in Mathematics and Statistics (2012-2015)

Udai Pratap Autonomous College, U.P., India.

Division/Class: 1st class

Marks (%) - 68.66

6) Intermediate (10+2) Science (2009-11)

Udai Pratap Inter College, U.P., India.

Division/Class: 1st class with Distinction.

Marks (%) - 77.66

7) High School (10th) Science (2007-09)

Udai Pratap Inter College, U.P., India.

Division/Class: 1st class.

Marks (%) - 67.00

Research Publications:

1) Published research paper entitled “Age pattern of gestational arrest in India and its regions: Evidence from NFHS-4 (2015–2016)” in journal of Children and Youth Services Review

2) Published research paper entitled “Sex differentials in under five mortality in India in last two decades: Evidence from pooled NFHS data” in journal of Children and Youth Services Review

- 3) Published research paper entitled “**Trends in the diabetes incidence and mortality in India from 1990 to 2019: a joinpoint and age-period-cohort analysis**” in journal of Diabetes & Metabolic Disorders
- 4) Published research paper entitled “**Trends in incidence and mortality of tuberculosis in India over past three decades: a joinpoint and age-period-cohort analysis**” in journal of BMC Pulmonary Medicine
- 5) Published research paper entitled “**Relationship between height and hypertension among women in India: Evidence from the fourth round of National Family Health Survey**” in journal of Diabetes and Metabolic Syndrome Clinical Research and Reviews
- 6) Published research paper entitled “**Secular trends in incidence and mortality of cervical cancer in India and its states, 1990-2019: data from the Global Burden of Disease 2019 Study**” in journal of BMC Cancer

Academic Fellowship/Scholarship

1. In MPS Got scholarship from **Ministry of Health and Family Welfare, (MoHFW) Government of India**. 5000 Rupees/Month for one year.
2. In M.Phil. Got scholarship from **Ministry of Health and Family Welfare, (MoHFW) Government of India**. 6000 Rupees/Month for one year.
3. Qualified for UGC-NET in Population Studies (JAN-2017, JULY-2018, DEC-2018)
4. Qualified for Junior Research Fellowship (JRF) December 2018

Certificates

- Certificate for completion of Python 3.4.3 Training July 28th 2021
- Certificate for completion of QGIS Training July 13th 2021
- Certificate of Appreciation as a NPTEL MOTIVATED LEARNER Jan-April 2021
- Certificate of Appreciation as a NPTEL ENTHUSIAST Dec 2020
- Certificate of Appreciation as a NPTEL BELIEVER Jan-Dec 2020
- Business Analytics and Data Mining Modeling Using R - Part II by NPTEL with a consolidated score of 82% Sep-Dec 2020
- Practical Machine Learning with TensorFlow by NPTEL with a consolidated score of 57% Sep-Dec 2020
- Deep Learning by NPTEL with a consolidated score of 58% Sep-Dec 2020
- Basic Course in Biomedical Research by NPTEL with a consolidated score of 73% Aug-Dec 2020
- Data Analytics with Python by NPTEL with a consolidated score of 69% Jan-April 2020
- Business Analytics and Data Mining Modeling Using R by NPTEL with a consolidated score of 85% Jan-April 2020
- Introduction to R Software by NPTEL with a consolidated score of 87% Aug-Oct 2019
- Python for Data Science by NPTEL with a consolidated score of 80% Aug-Sep 2019
- Introduction to Machine Learning by NPTEL with a consolidated score of 75% Jul-Sep 2019

Conference and Workshops

- Paper Presentation on **“Geospatial heterogeneity of early marriage and motherhood in India: Evidence from fourth round of National Family Health Survey”** in the XXIX International Population Conference (IPC2021) Dec. 2021
- Poster Presentation on **“Age at First Marriage in India: A history of 25 years”** in the XXIX International Population Conference (IPC2021) Dec. 2021
- Participated in the online workshop on **“Statistical Meta-Analysis”** organized by the Department of Statistics, University of Delhi, Delhi, India, 23-24 Sept. 2021
- Participated in workshop on **“Analytical Techniques for Statistical Analysis in Mental Health”** 15-23 July 2021.
- Participated in AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **“Structural equation modelling”** from 2021-05-17 to 2021-05-21 at Manipal Institute of Management
- Paper Presentation on **“Trends in ages at key reproductive events transition in India: a birth cohort approach”** in the XIX Bhopal Seminar 18 Feb. 2021.
- Attended **21 days Online GIS Training Program using QGIS** Sep 7th 2020 to Sep 27th 2020
- Attended **Workshop on Big Data using Machine Learning** 21-25 Sep 2020
- Attended 5 days **Online FDP on Data Science** Sep 2020.
- Paper Presentation on **“An Empirical Analysis of Under Five Children Mortality in India”** in the XVIII Bhopal Seminar 24 Jan. 2020,
- Participated in one-week workshop on **Data Science Using R**, 6 to 12 Jan 2020
- Paper Presentation on **“Bayesian Mapping and Projection of HIV Infection in the Reproductive Age Group, India”** in the 40th annual conference of IASP, University of Kerala, Thiruvananthapuram, Kerala 12-14 December 2019
- Poster Presentation on **“Age Pattern of Abortion in India and its Regions: Evidence from NFHS-4”** New Delhi, 20-21 August 2019
- Paper Presentation on **“Evaluation of proximate determinants of fertility using revised Bongaarts’ model in India and EAG states”** in the International Seminar on ‘Maternal and Child Health in Empowered Action Group States: Sustainable Development Goal Prospective’ 5-6 April, 2019
- Attended Workshop on: **“Creating and Managing Unit Level Geo-Spatial Data Using Base Maps from Census of India”** IIPS Mumbai, 28March-1April, 2019
- Data Science Internship Using Python, R, Machine Learning and AI, 11-Nov 2018 to 2-Feb 2019

Skills & Abilities

1. I can handle large scale dataset like National Health and Family Survey (NFHS), Census, District Level Household and Facility Survey (DLHS) and NSSO.
2. I have good command over the advanced research software like MS Office, SPSS, STATA, R, Python, Tableau, MORTPACK, SPECTRUM and CS Pro.
3. Statistical Analysis, Report writing, project briefs, can make good tabulation plan.
4. Coordination and Networking Skills.

Reference

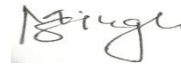
Prof. Chander Shekhar (Department of Fertility and Social Demography)

International Institute for Population Science

Gamil: shekhar@iipsindia.ac.in

Place: Mumbai

Date: May, 2022



Mayank Singh