

## Curriculum Vitae

### SADDAF NAAZ AKHTAR

Ph.D. Scholar (Population Studies)

Centre for the study of Regional Development, SSS-III

Jawaharlal Nehru University, New Delhi-110067

Contact No: +91-9769330492/ +91-7376283932

Email: [saddaf54\\_ssf@jnu.ac.in](mailto:saddaf54_ssf@jnu.ac.in) / [sadafdpsjsr@gmail.com](mailto:sadafdpsjsr@gmail.com)



#### RESEARCH AREA

Mortality, Aging and Health.

#### SUPERVISOR

**Dr. Nandita Saikia**, Assistant Professor at JNU, India and post-doctoral fellow at IIASA, Austria.

#### PUBLICATIONS

- Akhtar, S. N., & Dhillon, P. (2017). Prevalence of diagnosed diabetes and associated risk factors: Evidence from the large-scale surveys in India. *Journal of Social Health and Diabetes*, 5(1), 28.
- Module: 10: Quality of Age Sex Data, As Content Author at E-Pathshala (portal jointly initiated by Ministry of Human Resource Development, Government of India and National Council of Educational Research and Training) under the guidance of Prof. K S James (JNU, New Delhi), Prof. T V Sekhar (IIPS, Mumbai) and Prof. Siva Raju (TISS, Mumbai).

#### EDUCATION

July 2018 to July 2021  
(anticipated)

##### **Ph.D. Programme in Population Studies**

Centre for the Study of Regional Development,  
School of Social Sciences-III,  
Jawaharlal Nehru University, New Delhi-India.

Working on the issues related to mortality, ageing and health, specifically the methodological challenges, gender differential in mortality, as well as in the lifespan inequality, healthy ageing and longevity in mortality studies.

August 2016 to July 2018

##### **M.Phil. Programme in Population Studies**

Centre for the Study of Regional Development,  
School of Social Sciences-III,  
Jawaharlal Nehru University, New Delhi-India.

**Work Title:** "Mortality Inequality at older Ages among major states of India: Decomposition and Forecasting Approaches" under the supervision of **Prof. K S James**, (Director & Senior Professor at IIPS, Mumbai-India).

<p><b>July 2015 to May 2016</b></p>	<p><b>Master's Programme in Population Studies (one-year special course)   (A minus grade)</b> International Institute for Population Sciences (I.I.P.S), Mumbai, Maharashtra-India</p> <p><b>Work Title:</b> <i>"Prevalence of diagnosed diabetes and associated risk factors in India"</i> under the supervision of <b>Dr. Preeti Dhillon</b>, IIPS, Mumbai.</p>
<p><b>July 2013-May 2015</b></p>	<p><b>Master's Degree in Science (Statistics and Computing)   (7.76/10 CGPA)</b> Department of Science &amp; Technology - Centre for Interdisciplinary Mathematical Science (DST-CIMS), Institute of Science, Banaras Hindu University, Varanasi, Uttar Pradesh-India</p> <p><b>Work Title:</b> <i>"Factors affecting the waiting time to the first birth interval of Rajasthan State"</i> under the supervision of <b>Dr. SK Singh</b>, Department of Statistics, Institute of Science, BHU. <b>Summer Project:</b> <i>"Future Prediction of Purchasing Power of Indian Districts: An analysis with Regression and Extrapolation"</i></p>
<p><b>August 2010 to April 2013</b></p>	<p><b>Bachelor's Degree in Science (Statistics Hons.)   First Rank (Gold Medalist)</b> Department of Statistics St. Xavier's College, Ahmedabad, Gujarat-India</p> <p><b>Work Title:</b></p> <ul style="list-style-type: none"> <li>○ <i>"An analysis of market efficiency in sectoral indices with special reference to Bombay Stock Exchange in India" (2012)</i> under the supervision of <b>Dr. Nandita Christy</b>, St. Xavier's College, Ahmedabad, Gujarat.</li> <li>○ <i>"A comparative study of tourist resources of Gujarat state" (2013)</i> under the supervision of <b>Dr. U.B. Gothi</b>, St. Xavier's College, Ahmedabad, Gujarat.</li> </ul>

## PROFESSIONAL EXPERIENCE

<p><b>November 19-30, 2018</b></p>	<p>Participated in the Aging workshop on <b><i>"Demographic Analysis with Applications to Aging Societies"</i></b> conducted by <b>Chulalongkorn University, Bangkok, Thailand.</b></p>
<p><b>February 9-12, 2018</b></p>	<p>Participated in the Family planning data analysis workshop on <b><i>"RASTA FP"</i></b> conducted by <b>Population Council, New Delhi, India.</b></p>
<p><b>March 20-24, 2017</b></p>	<p>Participated in the International workshop on <b><i>"Demography of Gender Bias"</i></b> conducted by Centre for the Regional Development, School of Social Sciences-III, <b>Jawaharlal Nehru</b></p>

	<i>University, India</i> in collaboration with <i>UNFPA, India</i> and <i>Centre Population et Development, France</i> .
March 17-18, 2017	Participated in the 2nd International workshop on <b>“BIG DATA ANALYTICS”</b> organized by School of Computer and System Sciences, <i>Jawaharlal Nehru University, India</i> .
December 19-24, 2016	Participated in the one-week workshop on <b>“Research Methodology workshop for Social Science Scholars”</b> organized by the <b>UGC-HRDC</b> , at Department of Economics, <b>University of Jammu</b> .

## GRANTS AND ACADEMIC ACHIVEMENTS

September 14-15, 2017	Best Poster Presentation Award and cash prize received at the Conference on <b>“Population and Development in Eastern and North Eastern Regions of India”</b> organized by the Indian Statistical Institute and Indian Association for the study of Population (IASP) held at <b>Indian Statistical Institute, Kolkata</b> .
April 1, 2017	University Grants Commission (UGC)- <b>MAULANA AZAD NATIONAL FELLOWSHIP AWARD</b> .
May 22, 2017	University Grants Commission (UGC)- <b>National Eligibility Test (NET)</b>
2015-2016	Government of India Fellowship, Master in Population Studies (MPS) at International Institute for Population Sciences (IIPS), Mumbai, India.
Dec 2011- Feb 2012	Young Scholarship award from <b>Reserve Bank of India, Ahmedabad</b> , Gujarat-India.
2010-2013	Full-Scholarship, Bachelors in Statistics at St. Xavier’s College, Ahmedabad, Gujarat, India.
2013	Awarded <b>GOLD medal</b> for research project at St Xavier’s College Ahmedabad, Gujarat, India.
2010-2013	Awarded Gold medal and ranked 1st in Statistics amongst all students of Statistics Department of St Xavier’s College Ahmedabad, Gujarat.

## CONFERENCE PRESENTATION

December 10-12, 2018	Paper <b>“Mortality Inequality among Elderly in India”</b> , presented at the <b>16<sup>th</sup> Annual Conference of IASSH</b> held at the Centre for the Study of Regional Development, <i>Jawaharlal Nehru University, New Delhi</i> .
December 20-22, 2017	Paper <b>“Old Age Mortality in India: Stochastic Mortality Models”</b> , presented at the International Conference in conjunction with <b>38<sup>th</sup> Annual Conference of IASP</b> on <b>“Population, Health and</b>

<b>December 20-22, 2017</b>	Development” held at the Dept. of Statistics and Population Research Centre, <b>Andhra University, Visakhapatnam</b>
<b>February 16-18, 2017</b>	Paper “Gender Differential in Childhood Mortality in Selected States in India”, presented at the International Conference in conjunction with 38 <sup>th</sup> Annual Conference of IASP on “Population, Health and Development” held at the Dept. of Statistics and Population Research Centre, <b>Andhra University, Visakhapatnam.</b>
<b>December 7-9, 2016</b>	Paper “Comparative analysis of indirect estimates using Arriaga method for computing fertility estimates of India”, presented at the National Seminar on “ <b>Recent Findings From 2011 Census and SRS in India</b> ” held at the Dept. of Demography, <b>University of Kerala, Thiruvananthapuram.</b>
<b>December 7-9, 2016</b>	Paper “Prevalence of diagnosed diabetes and associated risk factors: Evidence from the large-scale surveys in India.”, presented at the 37th Annual Conference of IASP on “ <b>Population and Sustainable Development</b> ” to be held at the <b>Institute of Economic Growth, University of Delhi, Delhi.</b>

## TECHNICAL SKILLS

<b>Software</b>	STATA, R, SPSS, C, MATLAB, MS-Office, Mortpak, Eviews, MLwiN, SAS (Basic)
<b>Methods</b>	Regression analysis (longitudinal, cross-sectional, multi-level, ordered outcomes, etc.), demographic methods (e.g. life table construction, Grievell’s method), survey methods (e.g. post-stratification weights), decomposition methods (e.g. Arriaga decomposition), Statistical modelling and forecasting (e.g. Lee Carter model)
<b>Data</b>	Sample Registration System (SRS), National Family Health Survey (NFHS), District Level Household & Facility Survey (DLHS), Census, Annual Health Survey (AHS), Demographic Health Survey Program (DHS), Human Mortality Database (HMD).

## VOLUNTARY ENGAGEMENT

<b>EXTRA-CURRICULAR ACHIEVEMENTS</b>	<p>Volunteer in the International workshop on “<b>Demography of Gender Bias</b>” conducted by Centre for the Regional Development, School of Social Sciences-III, <b>Jawaharlal Nehru University, India</b> in collaboration with <b>UNFPA, India</b> and <b>Centre Population et Development, France.</b></p> <ul style="list-style-type: none"> <li>○ Secured 1st position in collage painting competition organized by Gujarat Law Society in 2010.</li> <li>○ Participated in solo classical dance (BHARATNATYAM) organized by Gujarat University Youth Festival in 2010.</li> </ul>
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- Secured 1st position in Group dance at Delhi Public School Jamshedpur.
- Participated in Painting competition organized by Forum SHRISTI SANRAKSHANAM with OXFORD Centre for HINDU STUDIES, UNIVERSITY OF OXFORD, U.K.
- Participated in Group Folk Dance (Gujarati Garba) organized by Gujarat University Youth Festival in 2010.
- Secured 3rd position in Collage painting competition organized by Gujarat University Youth Festival in 2010.

#### SPORTS ACHIVEMENTS

- 2nd position in Table-Tennis in Inter-CBSE CLUSTER TABLE-TENNIS competition held at DELHI PUBLIC SCHOOL JAMSHEDPUR in 2007.
- 2nd position in TABLE-TENNIS competition held by Gujarat University Youth Festival in 2012.
- 2nd position in TABLE-TENNIS completion held at I.I.P.S. in 2016.

#### HOBBIES

I like travelling. I like playing table–tennis, badminton and basketball. Love to watch animated movies and also love cooking. I like to explore different cultures around the world meet new people and learn new things.

#### LANGUAGE SKILLS

- Urdu (mother tongue)
- English and Hindi (fluent)
- Gujarati and Bengali (Intermediate)
- German and Arabic (basic knowledge)

#### PERSONAL DETAILS

- Date of Birth: **6th November 1992**
- Sex: **Female**
- Nationality: Indian
- Marital Status: Unmarried
- Father’s Name: Mr. Mansoor Hussain
- Mother’s Name: Mrs. Mobina

#### DECLARATION

I do hereby declare that the given information is true to the best of my knowledge.



Date: February 1, 2019