

# CURRICULUM VITAE

## Ruchi Jain

Senior Research Analyst  
National Council for Applied Economic  
Research (NCAER)  
Parisila Bhawan

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New Delhi-2  
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### Summary

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PhD Demographer with over 10 years of successful professional experience in research activities like designing the survey instrument, data collection, data mining, quantitative and qualitative data analysis, interpreting the findings, report and paper writing.

### Education

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*International Institute for Population Sciences (IIPS), Mumbai, 2001-2007*

- **Ph.D.** in Population Studies, 2013, Area of Specialization: Migration and Sexual Risk Behaviour  
**Thesis:** “Risk-Taking Behaviour among Single Women Staying in Working Women’s Hostels in Delhi”.
- **M.Phil.** in Population Studies, 2003, Area of Specialization: Women’s Reproductive Health  
**Thesis:** “Underreporting of Induced Abortions: National and Regional Level Estimates for India”.  
**Term Paper:** “Maternal Morbidity and Utilization of Antenatal Care Services: A Study of Bihar and Madhya Pradesh”.

*Banaras Hindu University (BHU), Varanasi, 1999-2001*

- **M.Sc.** in Population Studies, 2001, Area of Specialization: Fertility  
**Thesis:** “A Demographic Survey of Varanasi Rural with special emphasis on Fertility”,

### Awards and Honors

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- Qualified **National Education Test (NET) in Population Studies** conducted by University Grant Commission, New Delhi, India, 2003.
- **JR RELE Award** for the best Term paper during M.Phil. Programme at IIPS.
- **Government of India Fellowship** for pursuing PhD in Population Studies at International Institute for Population Sciences (IIPS), Mumbai.
- **Government of India Fellowship** for pursuing Master of Philosophy (M.Phil.) in Population Studies at International Institute for Population Sciences (IIPS), Mumbai.

## **Research Experience**

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*Doctoral Research:* Department of Migration and Urban Studies, IIPS, Mumbai (research advisor: Prof. Kamla Gupta)

- Field study to analyze the extent of risky behaviour among unmarried migrant working women in Delhi, impacting their sexual and reproductive health.
- Both quantitative and qualitative (key informant interviews and focus group discussions) methods were used for collecting information from scientifically selected unmarried migrant women.
- Various scales and indices were created to measure psychological variables.
- To capture the mental health status of the young migrant female workers, a 58-item standardized mental health scale developed by Raj and Raakhee (1997) was used. To test the consistency of the scale, factor analysis was conducted to clarify scale domains.
- The findings of the study have some important programme implications for the young migrants.

*M.Phil. Research:* Department of Mathematical Demography & Statistics, IIPS, Mumbai (research advisor: Prof. Ladu Singh)

- “Underreporting of Induced Abortions: National and Regional Level Estimates for India”.
- Analyzed NFHS II all India data, looking specifically at women file
- Did regional and national level abortion estimates
- This was an important study as very little evidence is available on underreporting of induced abortion. My study provided a ready reference for many other studies on abortion in India.

## **Research Interest & Specialization**

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Demography, Public Health, Maternal and Child Health, Gender, Migration and Youth

## **Professional Experience**

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**Currently working (Since August 2007 till present)** as a **Senior Research Analyst** at the National Council of Applied Economic Research (NCAER), Parisila Bhawan, I.P Estate, New Delhi.

Collecting, Collating, carrying out statistical data analysis, interpreting the results, report and paper writing using large scale data such as NSS, NFHS, DLHS and other large survey data sets conducted by NCAER such as IHDS, DMAS, DCVTS, ARIS/REDS and Agriculture Outlook.

### ***Duties:***

- Development of survey instruments
- Testing the survey instruments on CAPI
- Monitoring, manipulating, cleansing & processing data using STATA.
- Responsible for extracting and validation of client data.
- Analyzing raw data using STATA, drawing conclusions & developing recommendations.
- Advising on the suitability of methodologies and suggesting improvements.
- Carrying out specified statistical techniques.
- Report writing/Project briefs and Papers.

- Giving presentations to the sponsors

### ***Management:***

- Dealing with the field agencies
- Train and supervise a team of coders and interviewers

### **With all above responsibilities, worked as a Core Team Member in various Studies:**

- NCAER-National Data Innovation Centre (NDIC) since 2018 onwards. **Leading one of the gender experiments.**
- NCAER-University of Maryland Project on India Human Development Survey, 2014-2016.
- Agricultural Outlook and Situation Analysis Reports for Food Security, 2013-2014.
- The IDRC-NCAER Project on Decentralization, Rural Governance, and Inclusive Growth: Linkages and implications, 2009-2013.
- Rural Housing in India: Challenges & Opportunities, sponsored by Holcim Ltd., 2008-09.

### **Publications**

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- **Jain, Ruchi**, Sonalde Desai and Reeve Vanneman. “*Janani Suraksha Yojana and Declining Socio-economic Differences in Maternal Care*”, NCAER Working Paper (WP20) <https://www.ihds.umd.edu/working-papers>.

#### **Media Coverage of the paper**

This paper got seven media coverage including Press Information Bureau (PIB), Ministry of Health & Family Welfare, The Hindu etc.

1. [http://www.business-standard.com/article/government-press-release/impact-of-jsy-116112900702\\_1.html](http://www.business-standard.com/article/government-press-release/impact-of-jsy-116112900702_1.html)
  2. <http://timesofindia.indiatimes.com/india/India-witnesses-improvement-in-maternal-healthcare-services/articleshow/55690235.cms>
  3. <http://www.thehindu.com/data/Janani-Suraksha-Yojana-pays-dividends-tudy/article15477844.ece>
  4. [https://twitter.com/MoHFW\\_INDIA/status/785354030952411141](https://twitter.com/MoHFW_INDIA/status/785354030952411141)
  5. <http://www.newkerala.com/news/fullnews-225290.html>
  6. <http://www.drishtiiias.com/upsc-exam-gs-resources-Impact-of-Janani-Suraksha-Yojana-in-maternal-care>
  7. <http://pib.nic.in/newsite/PrintRelease.aspx?relid=157975>
- Singh, A.K., R K. Sinha and **Ruchi, Jain**. 2015. “*Examining Nonconsensual Sex and Risk of Reproductive Tract Infections and Sexually Transmitted Infections among Young Married Women*” in Djamba, Yanyi K and Kimuna, Sitawa R; edited ‘Gender Based Violence: Perspectives from Africa, the Middle East, and India’: Springer Publication June 2015, [https://link.springer.com/chapter/10.1007/978-3-319-16670-4\\_8](https://link.springer.com/chapter/10.1007/978-3-319-16670-4_8).
  - Singh, Ajay K., R K. Sinha and **Ruchi, Jain**. 2012. “Reproductive and Sexual Rights of Young Women and their Health Outcome”. Lambert Academic Publishing: Saarbuken/Deutschland/November 2012, <https://www.amazon.com/Reproductive-Sexual-Rights-Health-Outcome/dp/365900040X>.

- **Ruchi Jain** and Upasana Sharma. 2011. “Complaints: Does anybody actually care” in “Rural Governance and Inclusive Growth: Linkages and Implications”. *Gramsurajya*. Project Brief No3.
- Debarpita Roy and **Ruchi Jain**. 2010. “Rural Governance and Inclusive Growth: Linkages and Implications”. *Gramsurajya*. Project Brief No1.
- **Jain Ruchi** and Sulabha Parasuraman. 2004. "Maternal Morbidity and Utilization of Antenatal Care services: A Study of Bihar and Madhya Pradesh". In: T.K. Roy, M. Guruswamy and P. Arokiasamy (eds.), *Population, Health and Development in India*. Jaipur: Rawat Publications.

## **In Progress**

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- **Jain, Ruchi**, Sumiran Chandra, Santanu Pramanik, Sonalde Desai and Dinesh Tiwari. Policy Brief using DCVTS round 1 & 2 data on “**Gender differences in risk perception of COVID-19: Evidence from Delhi-NCR**”.
- **Jain, Ruchi**, Santanu Pramanik and Sonalde Desai. “Social Policy as Equalizer? Janani Suraksha Yojana and Socio-economic Differences in Maternal Care in Rural India”.
- **Jain, Ruchi**, Santanu Pramanik and Sonalde Desai. “Impact of Janani Suraksha Yojana Program on Child Immunization in India”.

## **Conference/Seminar Attended**

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### International Conference

- Presented virtually paper entitled “***Gender differences in risk perception of COVID-19: Evidence from Delhi-NCR***” at International conference organized by Population Association of America (PAA) during May 5<sup>th</sup> 2021 to 8<sup>th</sup> May 2021.
- Two papers entitled “***India’s Cash Incentive Program for Maternal Care Utilisation: Who benefitted?***” and “***Impact of India’s Conditional Cash Transfer Program on Childhood Immunization Rates***” selected for presentation at International conference organized by Population Association of America (PAA) during April 22<sup>nd</sup> 2020 to 25<sup>th</sup> April 2020 in Washington, DC. USA.
- Presented two papers entitled “***Has Spending in National Health Mission Scheme Helped in Reducing Socio-economic Differences in Maternal Care in Rural India***” and “***Do Safe Motherhood Programs Really Have an Impact on Childhood Immunization Rates in India?***” at 4th Asian Population Association (APA) Conference organized during July 11<sup>th</sup> 2018 to 14<sup>th</sup> July 2018 at Shanghai University, China.
- Presented paper entitled “***The Spatial Variation and Correlates of Unmet Need of Family Planning in India: Implications for Program***” at International conference organized by Population Association of America (PAA) during April 26<sup>th</sup> 2018 to 28<sup>th</sup> April 2018 in Denver. USA.
- Presented paper entitled “***Social Policy as Equalizer? Janani Suraksha Yojana and Socio-economic Differences in Maternal Care in Rural India***” at International conference organized by Population Association of America (PAA) during April 27<sup>th</sup> 2017 to 29<sup>th</sup> April 2017 in Chicago, IL.

- Participated in an International conference organized by Population Association of America (PAA) during March 31<sup>st</sup> 2016 to April 2<sup>nd</sup> 2016 at Washington, DC.
- Participated in an International conference organized by Population Association of America (PAA) during April 30<sup>th</sup> 2015 to May 2<sup>nd</sup> 2015 at San Diego, CA.
- Co-author of the paper ***“The Changing Profile of Marital discord and Divorce in India: A Study of Mumbai”*** presented at IUSSP seminar on Separation, Divorce, Re-partnering and Remarriage around the World, at Montreal, Canada, 4–6 May 2015.
- Co-author of the paper ***“The Spatial Pattern and Correlates of Unmet Need of Family Planning in India: Implications for Program”*** at “Is access enough? Understanding and addressing unmet need in Family Planning”, presented at an International seminar in Nanyuki, Kenya from May 14-17, 2013.
- Presented paper entitled ***“Marital Rape and reproductive and sexual health of women: A Study of Delhi”*** at International Population Conference organized by International Union for the Scientific Study of Population (IUSSP) held in Marrakesh, Morocco during September 2009.
- Presented paper entitled ***“Sexual Risk Behaviour and Vulnerability to HIV infection among Young Migrant Women Workers in Urban India”*** at International conference organized by Population Association of America (PAA) during March 29<sup>th</sup> 2007 to 31<sup>st</sup> March 2007 in New York, USA.
- Presented paper entitled ***“Maternal morbidity and utilization of ante-natal care services: a study of Bihar and Madhya Pradesh”*** at XXV International Population Conference organized by International Union for the Scientific Study of Population (IUSSP) held in France during 18-23 July 2005.

#### National Conference

- Participated in ***“Third Annual India Human Development Survey Data User Conference”***, held at Neemrana Fort Palace, Rajasthan during March 16-18, 2016.
- Participated in a Conference on ***“Human Development in India: Evidence from IHDS”*** organized by NCAER, held at New Delhi, India during 18-19 July 2014.
- Participated in a Conference on ***“Decentralization and Rural Governance”*** organized by NCAER and IDRC, held at Alwar, Rajasthan, India during 17-19 December 2012.
- Participated in a Conference on ***“Measuring Human Development”*** organized by NCAER and University of Maryland, held at New Delhi, India during 16-18 May 2008.
- Paper entitled ***“Female Migration in Delhi: An Overview”*** presented during the National Seminar on Population, Health and Development from 17<sup>th</sup> to 19<sup>th</sup> January 2007.
- Presented paper in a National Seminar on ***“Population of Madhya Pradesh”*** organized by Population Research Centre, held at Bhopal, Madhya Pradesh, India during 21-23 February 2005.
- Presented paper in a Second National Conference of the Indian Association of Social Sciences in Health (IASSH) on ***“Globalization and Health Equity”*** organized by IIPS, held at BARC, Mumbai, India during 4-5 February 2005.

- Presented paper in a National Seminar on ***“Population and Development in North East Region”*** organized by IIPS, held at North Eastern Hill University, Shillong, Meghalaya, India during February 25-27, 2004.

## Workshops/Training

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- Attended a 5-day Blaise and Survey Trak Data Management Training programme during January 13-17, 2020 organized by NCAER, National Data Innovation Centre. Trainers: Gina-Qian Cheung and Jonathan Harrison.
- Attended the JPSM Course on Data Collection Methods for Fall 2018 conducted by University of Maryland and also attended weekly sessions from 5.30-6.30 pm.
- Attended a one-week training programme on Blaise from October 29-November 2, 2018 organised by NCAER, National Data Innovation Centre. Trainer: Ralph Joseph Maria Dolmans.
- Participated in a two-week workshop on ***“Evaluating the Impact of Development Programs: Turning Promises into Evidence”***, jointly organized by NCAER and the World Bank, held at Hotel Crown Plaza, Okhala, New Delhi during March 11- 22, 2013.
- Participated in the Refresher Course on ***“Limited Dependent Variables”***, jointly organized by NCAER-IDRC, held at NCAER, New Delhi, during December 12 to December 16, 2011.
- Participated in the Refresher Course on ***“Applied Econometrics and Policy”***, jointly organized by NCAER-IDRC, held at NCAER, New Delhi, during May 23 to May 28, 2011.
- Participated in the Executive Course on ***“Poverty and Inequality Analysis”***, jointly organized by NCAER-IDRC, held at NCAER, New Delhi, during March 14 to March 18, 2011.
- Participated in the Refresher Course on ***“Applied Econometrics”***, jointly organized by NCAER-IDRC, held at NCAER, New Delhi, during November 23, 2010 to December 3, 2010.
- Participated in the Training Course on ***“Social Science Research Methodology”***, organized by Council for Social Development, New Delhi, during 10-23<sup>rd</sup> December 2008.
- Participated in the workshop on **Scientific Writing for Reproductive Health Programmes** jointly organized by the International Institute for Population Sciences (IIPS), Mumbai, the FRONTIERS Programmes of the Population Council, India, and the World Health Organization (WHO), held at the IIPS, Mumbai, India, on 16-19 May 2006.
- Participated in 1<sup>st</sup> Summer Training Programme on ***“Large Scale Survey Research: Theory and Practice”***, organized by International Institute for Population Sciences, Mumbai, during June 3 to June 20, 2003.
- Participated in the World AIDS Foundation (WAF) Sponsored Program of Ethnographic Training and Pilot Research on the ***Prevention of HIV Infection among Migrant Youths in low income slums of Mumbai”***, at International Institute for Population Sciences, Mumbai, January 2003 to June 2003.
- Participated in a Symposium on ***“Sex Ratio in India”***, organized by International Institute for Population Sciences and Ford foundation in IIPS, Deonar, Mumbai.

- Participated in a Conference on “*Women Empowerment and Population Stabilization*”, organized by Indian Association for the Study of Population (IASP) and IIPS during February 11 to 13, 2002, in IIPS, Deonar, Mumbai.

### **Membership of Professional Organizations**

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- Member of Population Association of America (PAA).
- Member of Indian Association for Social Sciences and Health (IASSH).

### **Computer Skills**

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Experienced in handling large Scale Demographic Data Sets such as National Family Health Survey & Reproductive and Child Health Survey and Qualitative data through appropriate software packages

Statistical Package : STATA, SPSS, MORTPAK, SPECTRUM.

Qualitative data analysis Package : ATLAS Ti, ANTHROPAK,

## Academic References

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**Dr. Sonalde Desai**

Professor and Director,  
NCAER-National Data Innovation Centre (NDIC)  
and  
Professor of Sociology  
University of Maryland, College Park  
**E-mail:** [sdesai@ncaer.org](mailto:sdesai@ncaer.org)

**Dr. Santanu Pramanik**

Senior Fellow and Deputy Director,  
NCAER-National Data Innovation Centre (NDIC)  
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**Dr. Anushree Sinha**

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National Council of Applied Economic Research  
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**Email:** [asinha@ncaer.org](mailto:asinha@ncaer.org)

*I hereby declare that all the information given above is true and best of my knowledge.*

Date: 17<sup>th</sup> May, 2021.  
Place: Delhi.

**RUCHI JAIN**