**Dr Nandita Saikia**

**Professor in Public Health and Mortality Studies**

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# ABOUT ME

I am a passionate teacher and researcher who dreams and works for a human revolution to achieve the highest goal for an individual, society, and for the entire planet. I inspire my students for value-based education to contribute to the well-being of humans and our environment.

# PROFESSIONAL APPOINTMENTS

2021, 13 October-present Professor in Public Health and Mortality Studies in International Institute for Population Studies, Mumbai

2013-2021 Assistant Professor, Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University.

2017 to 2019 Post-Doctoral Research Fellow, International Institute for Applied Systems Analysis (IIASA), Austria

2011-2013 Assistant Professor, Population Research Centre, Institute of Economic Growth, Delhi.2011 Research fellow, Public Health Foundation of India, Delhi.

# EDUCATION

2011, PhD in Population Studies, International Institute for Population Sciences, Mumbai

2007, M Phil in Population Studies, International Institute for Population Sciences, Mumbai, with Silver Medal.

2005, M.Sc in Statistics, Gauhati University, Assam; secured 1st class second position. 2002, B.Sc in Statistics, Gauhati University, Assam; secured 1st Class with distinction marks.

# AWARDS/HONOR (Individual)

RSSS Visiting fellow award by **Australian National University**, Australia for one and half-months in 2020-2021

**Awarded early career “Queen Elizabeth Advanced Scholar” fellowship by Statistical Alliance for Vital Events (QES-SAVE), University of Toronto, Canada, 2019-2020.**

**Awarded Post-doctoral fellowship at International Institute for Applied Systems Analysis (IIASA), Austria during August 2017-August 2019.**

Awarded Population Association of America’s **young scientist travel grant** to attend PAA Conference held in 27-29 April 2017, Chicago, USA.

Awarded **ICSSR-Fondation Maison des Sciences de l'Homme** visiting fellowship for one month at Institut de recherche pour le développement (IRD), Paris, French September 2016.

**Awarded Raja Rao Memorial award from Indian Statistical Institute, Kolkata, 2014, for the best research done in the area of Demography in the form of published articles or PhD thesis.**

**Awarded Prof P N Mari Bhat Gold Medal for the best PhD thesis during 2011-2014 by International Institute for Population Sciences, Mumbai.**

**Member of International Union for Scientific Study of Population (IUSSP), Scientific panel on “Lifespan Extension with Varying Cause-of-death Trajectories”, French 2015-2018.**

Junior Demographer Travel Grant awarded by IUSSP to attend the International Seminar on “Promoting Postpartum and Post-abortion Family Planning: Challenges and Opportunities”, Cochin, India in 11-13 November 2014.

**011, Prof K B Pathak Award from Indian Association of Study of Population (IASP), for the article “Trends and geographic Differentials in mortality under age 60 in India” (published in Population Studies) for methodological innovation in the field of Population and Health.**

Awarded Population Association of America (PAA)’s **young scientist travel grant** to attend PAA Conference held in 1-3 May 2014, Boston, USA.

IUSSP’s travel grant to participate 26th (in Morocco, Marrakesh, 2009) and 27th (in Busan, South Korea, 2013), 28th (in Capetown, South Africa, 2017) conferences of IUSSP.

**Awarded Max Planck-India fellowship, Max Planck Society, Germany, for collaborative demographic research with scientists from Max Planck Institute for Demographic Research, Germany 2012-2016.**

**Awarded visiting scholar/Guest researcher/summer school participants/winter school participant by Max Planck Institute for Demographic Research, Germany for 4 times during 2008-2011.**

Junior Demographer Travel Grant awarded by IUSSP to attend the International Seminar “Emergence of Social Differences in Mortality Time Trends Causes and Reactions”, Alghero, Italy in 29-30 May, 2008.

Government of India and UGC Fellowship for pursuing PhD Course in International Institute for population Sciences from 9 May, 2007 to 9 December, 2010.

**Awarded Silver Medal in Master in Population Studies, 2005-2006, IIPS, Mumbai.**

Government of India Fellowship for pursuing MPS/M Phil Course in International Institute for population Sciences from 11 July, 2005 to 31 December, 2006.

State Merit Scholarship during Higher Secondary classes from Assam State Government, 1997-1999.

Hemanta Koushik Memorial Award for best performance in HSLC examination at sub-district level, 1997 .

# AWARDS/HONOR (with students)

Best paper award in 2nd round of Data-Q-Thon for the article “Assessment of NSSO data on morbidity: Is incidence appropriate for estimation of burden of disease” organized by National Data Quality Forum (ICMR & Population Council) by **Shewli Shabnam and Nandita Saikia, 2020.**

Best paper award for co-authored article “Education or Economic Status? Compare their relative effect on prime age adult death in India using longitudinal Survey” (**by Moradhvaj, Nandita Saikia & Wolfgang Lutz**) in The Second Asian Population Forum Organised by ADRI, Shanghai University 11-12 October, Shanghai, China.

Out of 33 papers, 29 papers are on mortality and public health; 20 papers are based directly on mortality

# PUBLICATIONS Peer reviewed journal articles

1. Ronald Carshon-Marsh, Ashley Aimone, Rashid Ansumana, Ibrahim Bob Swaray, Anteneh

Assalif, Alimatu Musa, Catherine Meh, Francis A Smart, Sze Hang Fu, Leslie Newcombe,

**Nandita Saikia**, Hellen Gelband, Amara Jambai, Prabhat Jha. (2021 Child, maternal, and adult mortality in Sierra Leone: Nationally representative mortality survey 2018-2020. *Lancet Global Health (Accepted)*

1. Boro, B., Srivastava, S., and **Saikia N**. (2021). “Does change in old-age living arrangements associated with the psychological health and subjective well-being among older adults in India? Evidence from a cross-sectional study” *Ageing International.*  <https://link.springer.com/article/10.1007/s12126-021-09470-6>
2. Tamrakar , V., Srivastava, A., Parmar, M., Shukla, S.K., Shabnam, S., Bodo, B., Saha., A., Debbarma,

B., and Saikia, N. (2020). <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0257533>.

 *Plosone*

1. Kumar, K., & Saikia, N. (2021). Determinants of birth registration in India: Evidence from NFHS 2015–16. PloS one, 16(9), e0257014. <https://doi.org/10.1371/journal.pone.0257014>
2. Pothisiri, W., Prasitsiriphon, O., Saikia, N., & Aekplakorn, W. (2021). Education and grip strength among older Thai adults: A mediation analysis on health-related behaviours. SSM-population health, 100894. <https://www.sciencedirect.com/science/article/pii/S2352827321001695>
3. **Saikia**, N., Meh, C., Ram, U., Bora, JK., Mishra, B., Chandra, S., and Jha., P. (2021). Trends in missing females at birth in India from 1981 to 2016: Analysis of 2.1 million birth histories in nationally representative surveys. Lancet Global Health. Publisher: Elsavier. DOI:https://doi.org/10.1016/S2214-109X(21)00094-2
4. Boro, B. and **Saikia**, N. (2020). A qualitative study of the barriers to utilizing health-care services among the tribal population in Assam. Plosone. Publisher: Public Library of Science.

https://doi.org/10.1371/journal. pone.0240096

1. Baruah S., **Saikia. N.** and Sk, R. (2020). Spatial Pattern and determinants of diagnosed Diabetes in Southern India: Evidence from a population-based survey. *Journal of Biosocial Science* Publisher: Cambridge University press. <https://doi.org/10.1017/S0021932020000449>
2. Chisumpa VH, Odimegwu, CO and **Saikia N**. (2019)*.* Adult mortality in sub-Saharan Africa: Crosssectional study of causes of death in Zambia. Tropical Medicine and International Health *DOI:10.1111/tmi.13302.*
3. **Saikia, N.** and Debbarma, B. The socioeconomic correlates of substance use among male adults in Northeast India. Clinical Epidemiology and global health. Publisher: Elsevier. https://doi.org/10.1016/j.cegh.2019.06.004
4. Diamond-Smith, N., **Saikia, N.**, Bishai, B., and Canudas-Romo, V., (2019).What has contributed to improvements in the child sex ratio in select districts of India? A decomposition of the sex ratio at birth and child mortality. Journal of biosocial science. Publisher: Cambridge University Press.

https://doi.org/10.1017/S0021932019000221

1. **Saikia, N**., Moradhvaj, Saha, A. and Chutia, U. (2019). Actual and ideal fertility differential among natives, immigrants, and descendants of immigrants in a northeastern state of India. Population, Space, and Place. Publisher: Wiley. https://onlinelibrary.wiley.com/doi/epdf/10.1002/psp.2238. https://doi.org/10.1002/psp.2238
2. Moradhvaj and **Saikia, N. (**2019). Gender Disparities in Health-care Expenditure and Financing Strategies (HCFS) for In-patient Care in India. SSM-Population Health. Publisher: Elsevier.

 https://www.sciencedirect.com/science/article/pii/S2352827318302787

1. **Saikia, N**., Bora, J. & Luy, M. (2019). Socioeconomic disparity in adult mortality in India:

estimations using orphanhood method. Genus. Volume 75 Number 7 Publisher: Springer Open: https://rdcu.be/bjW6W

1. **Saikia, N**., Sehgal, S., Bora, J. & Dimondsmith. N. (2018). Experiences of neonatal deaths among Urban poor in metropolitan delhi: Commination, poor quality, And overwhelmed system. Journal of Social Inclusion Studies. Volume03, Number 1&2. Publisher: Sage: https://journals.sagepub.com/doi/10.1177/2394481120170101
2. Parmer, M. and **Saikia. N**. (2018). Chronic Morbidity and Reported Disability among Older Persons from the India Human Development Survey. *BMC Geriatrics* Publisher:BMC part of Springer Nature.

https://bmcgeriatr.biomedcentral.com/articles/10.1186/s12877-018-0979-9

1. Bora, J. and **Saikia, N.** (2018). Neonatal and under-five mortality rate in Indian districts with reference to Sustainable Development Goal 3: An analysis of the National Family Health Survey of India (NFHS), 2015–2016. PLoS ONE: Publisher: Public Library of Science: PLoS ONE 13(7):

e0201125. https://doi.org/10.1371/journal. pone.0201125

http://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0201125

1. Guilmoto, CZ, **Saikia, N**. Tamrakar, V. and Bora, J.K. (2018). Excess female under-five deaths in India: estimates, regional distribution and socioeconomic correlates. **Lancet Global Health**:

Publisher: Elsevier: https://www.thelancet.com/journals/langlo/article/PIIS2214109X(18)301840/fulltext

1. **Saikia , N.,** Bora, J. K. Jasilionis, D and Shkolnikov, (2016). Disability Divide in India: Evidence from 2011 Census. PLoS ONE: Publisher: Public Library of Science: PLoS ONE 11(8): e0159809. doi:10.1371/journal.pone.0159809 Publisher: Public Library of Science.

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4973875/

1. **Saikia, N**., Moradhvaj and Bora, J.K. (2016). Gender Difference in Health-Care Expenditure:

Evidence from India Human Development Survey. PLoS ONE 11(7): e0158332.

doi:10.1371/journal. pone.0158332 , Publisher: Public Library of Science.

http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4938214/

1. **Saikia, N.** and Kulkarni, P.M. (2016).On data availability for health inequality research in India

Economic and political weekly. Vol LI Nos 26 & 27. http://www.epw.in/journal/2016/26- 27/notes/data-research-health-inequality-india.html

1. **Saikia N** and Bora, J.K. (2016). Does increasing longevity lead increasing disability? Evidence from Indian States. *Social Change and Development* Vol XIII.Publisher: OKD institute of Social Change and Development, Guwahati. http://www.okd.in/downloads/jr\_16\_july/article-3.pdf
2. **Saikia, N**. Sehgal, S., Bora, J.K and Diamondsmith (2016). Experiences of neonatal deaths among the urban poor in Metropolitan Delhi: poor commination, poor quality, and an overwhelmed system. *Journal of Social Inclusion Studies* Publisher: Indian Institute of Dalit Studies, New Delhi
3. **Saikia, N.,** Shkolnikov, V., Jasilionis, D., and Chandrasekhar (2016) Trends and sub-national disparities in neonatal mortality in India from 1981 to 2011. *Asian Population Studies,* Vol 12 (1)

Publisher: Routledge: Taylor & Francis Group.

http://www.tandfonline.com/doi/pdf/10.1080/17441730.2015.1130325

1. Canudas-Romo, V. **Saikia**, **N**. and Diamond-Smith, N. (2015). The contribution of age-specific mortality towards male and female life expectancy differentials in India and selected States, 19702013. *Asia-Pacific Population Journal, Vol 30, Number 2* Publisher: United Nations ESCAP.
2. http://www.unescap.org/sites/default/files/APPJ%20Vol.30%20No.2%20Final%20version%2023 122015.pdf
3. Bora, J.K. and **Saikia N.** (2015). Gender differentials in Self-rated Health and Self-reported disability among adults in India. PLoS ONE 10(11): e0141953. doi:10.1371/journal.pone.0141953, Publisher: Public Library of Science. http://www.ncbi.nlm.nih.gov/pubmed/26536133
4. Husain, Z., **Saikia, N**. and Bora, R.S. (2014). “Health Mission: Lost Opportunities in Uttarakhand” Journal of the National Human Rights Commission India, 13.
5. **Saikia, N.,** Singh, A., Jasilionis, D. and Ram, F. (2013). **“**Explaining the trends in rural-urban gap in infant mortality in India” *Demographic Research* 29(18):473-506, Publisher: Max Planck Institute for

Demographic Research, Germany.

http://demographicresearch.org/volumes/vol29/18/default.htm

1. **Saikia, N.,** Singh, A. and Ram, F.(2013). “Adult male mortality in India since independence: An application of widowhood method” *Asian Population Studies*). DOI:10.1080/17441730.2013.785720; Publisher: Routledge: Taylor & Francis Group.

http://www.tandfonline.com/doi/pdf/10.1080/17441730.2013.785720?needAccess=true

1. **Saikia, N.,** Jasilionis, D., Ram, F. and Shkolnikov, V. (2011) “Trends and geographic differentials in mortality under age 60 in India” *Population Studies* 65(1):73-89. DOI: 10.1080/00324728.2010.534642; Publisher: Routledge: Taylor & Francis Group. http://www.ncbi.nlm.nih.gov/pubmed/21240833
2. **Saikia, N.,** Singh, A. and Ram, F. (2010) “Has child mortality in India really increased in last two decades? *Economic and Political Weekly*” Vol.XLV, 51.

http://www.epw.in/system/files/pdf/2010\_45/51/Has\_Child\_Mortality\_in\_India\_Really\_Increase d\_in\_the\_Last\_Two\_Decades.pdf

1. **Saikia, N.** and Ram, F. (2010) “Determinants of adult mortality in India” *Asian Population Studies*

*6(2).* Publisher: Routledge: Taylor & Francis Group

http://www.tandfonline.com/doi/pdf/10.1080/17441730.2010.494441?needAccess=true

1. **Saikia, N.** and Singh, A. (2009) “Does type of family affect maternal health? Evidence from India” *Journal of Bio-social Sciences* 41(3):329-353. Publisher: Cambridge University press.

http://www.ncbi.nlm.nih.gov/pubmed/19036173

1. **Saikia, N.** and Bhat, P.N. Mari (2008) “Factors Affecting Adult Mortality in India: An Analysis of

National Family Health Surveys of 1992-1993 & 1998-1999 (NFHS I and II) ” *Demography India* 37 (2):291-302. Publisher: Indian Association for Study of Population.

http://demogr.mpg.de/publications%5Cfiles%5C3612\_1260863114\_1\_Saikia\_bhat.pdf

# Chapters in edited book (Peer Reviewed)

1. **Saikia, N.,** Saha, A., Bora, J.K. and Joe, W. (2020). “Immigration and Bengali population in Assam:

Evidence from Direct and Indirect Demographic Estimation” **in** Population Dynamics in Eastern

India and Bangladesh, **Springer** Publication**,** by Chattopadhyay, Aparajita, Ghosh, Saswata (Eds.)

1. **Saikia,** N., Trends in Mortality Differentials in India (2016) in "Contemporary Demographic Transformations in China, India and Indonesia", Demographic Transformation and Socio-Economic Development 5, ed. by Christophe Z Guilmoto and Gavin Jones, Publisher: **Springer.**

**http://www.springer.com/us/book/9783319247816**

1. **Saikia**, N., Bora, J.K. and Ram, F. (2013). Who Gets Education in Uttarakhand? In *Population, Health and Development*: *Perspectives on Uttarakhand*, Eds.T.V. Sekher, A.Singh and S. Parasuraman, Academic Foundation, New Delhi.

# Book Review and commentary

Sayak Dutta and Nandita Saikia. (2021) Population policy and contraceptive choice - Population, Fertility and Family Planning: Contraceptive Method Mix in Asian Countries By Aditi KUNDU & Bhaswati DAS New Delhi: Rawat Publications, 2019. 248 pp. In Asian Journal of Law and Policy.

Ram, F. Singh, A. and **Saikia**N. (2010).Comment on Paper entitled “Mortality Transition in India 19702005” by Aalok Ranjan Chaurasiapublished online in Asian Population Studies” *Asian Population Studies 6(1):* 347 – 351 Publisher: Routledge: Taylor & Francis Group.

http://www.tandfonline.com/doi/abs/10.1080/17441730.2010.512765

# Working/Background papers/Preprint

1. Srivastava, A., Tamrakar, V., Moradhvaj, M., Akhtar, S. N., Kumar, K., Saini, T. C., ... & **Saikia, N.** (2020). Geographical Variation in COVID-19 Cases, Prevalence, Recovery and Fatality Rate by Phase of National Lockdown in India, March 14-May 29, 2020. *medRxiv*. . Available at:

https://www.medrxiv.org/content/10.1101/2020.06.04.20122028v1

1. **Saikia N.** and Moradhvaj (2020). Socioeconomic patterns and determinants of adult mortality due to external-causes in india: analysis of nationally-representative, population-based survey data.

Working paper Vienna Institute of Demography. 04/2020 available at:

https://www.oeaw.ac.at/fileadmin/subsites/Institute/VID/PDF/Publications/Working\_Papers/ WP2020\_04.pdf

1. **Saikia N.** and Kulkarni P. M. (2017). Tracking SDGs on Health and Nutrition Metrics: India Needs Data Revolution. Observer Research Foundation occasional Paper (prepared for NITI Ayog, Government of India).

 http://cf.orfonline.org/wpcontent/uploads/2017/02/ORF\_OccasionalPaper\_108.pdf

1. **Saikia N**, Saha, A, Bora, J.K. and Joe, W. (2016). Trends in immigration from Bangladesh to Assam, 1951-2001 Evidence from direct and indirect demographic estimation. International Migration and Diaspora Studies (IMDS) Working paper series, Working paper no 91. ISSN 0976-271X published by IMDS project, Zakir Husain Centre for Educational Studies, JNU, New Delhi.
2. Hussain, Z. **Saikia, N.** and Bora R.S. (2012). Opportunities and challenges of health management information system in India: a case study of Uttarakhand. MPRA Paper No. 40014, posted 11. July

2012 13:57 UTC https://mpra.ub.uni-muenchen.de/40014/1/MPRA\_paper\_40014.pdf

1. Canudas-Romo, V. and **Saikia, N.** (2013)**. “**The gender gap in life expectancy in India 1970-2006” working paper no 322, Institute of Economic Growth, Delhi.

http://www.iegindia.org/upload/publication/Workpap/wp322.pdf

1. **Saikia, N.,** Jasilionis, D., Ram, F. and Shkolnikov, V. (2010). “Estimates of mortality under age 60 in India and its states, 1970-2004*” MPIDR Technical Report* TR-2010-006, Rostock: Max Planck Institute for Demographic Research. http://www.demogr.mpg.de/papers/technicalreports/tr-2010- 006.pdf

1. **Saikia, N.,** Jasilionis, D., Ram, F. and Shkolnikov, V. (2009). “Trends in geographic mortality differentials in India”. Working paper in Max Planck Institute of Demographic Research, Germany WP-2009-13. http://www.demogr.mpg.de/papers/working/wp-2009-013.pdf

# Policy Brief

Hussain, Z. **Saikia N**. and Bora R.S. (2013). Challenges in HMIS in India: A case study of Udham Singh

Nagar Uttarakhand. Policy Brief Institute of Economic Growth; 1/2013

**Saikia, N.,** Singha Dhiraj, Singh Divyanshi, Yog Lakshya , Pandey Pragati, Mukherjee, S., Chatterjeee & Sharma, Kaushal. (2017)**.** Tourism in Nagaon: Ptential and challenges. Souvenir Mahabahu (Namami Brahmaputra), Published by District Administration, Nagaon, Assam.

**Journal articles/chapters under review or acceptance**

Bora, J.K., Saikia, N. and Lutz, W. (2020). Revisiting the causes of fertility decline in Bangladesh: Family planning program or female education. Under Review *Asian Population Studies (second Review)*

Diamond-Smith N., Gopalakrishnan, L., Gutierrez , S., Francis, F., Saikia, N., and Patil, S. (2020). Early findings on the impact of COVID-19 on men and women’s fertility preferences and access to maternal and reproductive health care in India.

 Saikia, N. and Bora, J.K. (2021). Magnitude and risk factors of violence against adolescents: Evidence from UDAYA study in Bihar and Uttar Pradesh. Under Review Social Science and medicine

Kumar, K., Saikia, N. and Diamond-smith, N. (2021) Performance barriers of Civil Registration System in Bihar: An Exploratory Study. *Under review Plos One*

Debbarma, B., Srivastava, A., and Saikia, N. (2021). Association between social networks and substance use among male tribal adolescents in West district of North East India" *Under review Journal of substance use*

Boro, B. and Saikia, N. (2021). Association of multimorbidity and physical activity among older adults in India: An analysis from the Longitudinal Ageing Survey of India (2017-2018)

Srivastava A. and **Saikia, N.** (2020). Aging in India: Comparison of Conventional and Prospective Measures, 2011. *Under review of Ageing & Society. Publisher: Cambridge University Press.*

**N. Saikia** and Tamrakar (2020). Trend and the pattern in excess female under-5 mortality in India, 1987-1993—2010-2016.

Barua, S., **Saikia N.**, and Sk, R. (2020). Explaining the rural-urban gap and associated risk factors of diabetes in southern India: Evidence from a national cross-sectional survey. Under Review of *Public Health Nutrition*: *Cambridge University Press*.

Kumar, K and **Saikia, N.** (2021). Completeness of death registration in Indian districts.

# Ongoing projects 2021

1. Gender Atlas in India (Collaborating with Prof Christophe Guilmoto, CEPED, Paris ). An Atlas of Gender disparity in India (Edited volume) is under progress (No Funding)

1. Adult mortality analysis in India (collaborating with my PhD student Mr Moradhvaj). “Adult mortality in India: Trends, Socio-economic Disparities and Consequences” (Authored book) is under progress (No Funding)

1. On affirmative policies on tribal population in India ( With Dr Ankita Dutta, Mr Krishna Kumar and Souvik Mondal)

1. Immigration in Assam (collaborating with Dr Ankita Dutta)

# FUNDED PROJECT

Coordinator of Global Adult Tobacco Survey-3 (GATS-3) under the Ministry of Health Family Welfare, Oct 2021.

IEG Think Tank project grant for the project: Too Early to Die: Qualitative Insights on neonatal deaths in

Delhi: Ongoing: 2013: Principal Investigator. (Completed and published)

ICSSR funded project on “Cross Border Migration in Assam during 1951-2011: Magnitude, Process and

Socio-Economic Consequences”: ongoing: 2013-2015: Principal Investigator (Co-Investigator Dr William Joe, IEG, Delhi): Secondary and primary data analysis; primary survey was conducted in 53 villages of five districts in Assam. (Completed and published)

Review of the Data Quality Assurance Protocol of Registered, Program and Administrative Data in India

(Completed and Submitted to Population Council, India)

Biotechnology Industry Research Assistance Council (“BIRAC”), a Government of India enterprise funded project on “Developing district-level forecasts of vaccine coverage and inferring vaccine confidence across India using large public health datasets”, 2020-2021 together with IIT-Delhi (Ongoing)

# Confidential academic and administrative work

-For Jawaharlal Nehru University

-For UGC, India

# Media coverage of research studies

**My research findings have been extensively covered in national and international media.**

http://nanditasaikia.com/?page\_id=99 These reports are around gender and health, excess female deaths, National Population Registrar, NRC, Disability, Life Expectancy etc.

# write regularly media articles. Some articled written by me in National newspapers are as follows

1. Counting the Covid Toll. https://indianexpress.com/article/opinion/india-covid-death-toll-opinion7348936/
2. India’s two child policy: <https://www.outlookindia.com/website/story/opinion-does-india-really-need-a-two-child-policy/387775>
3. **NPR Can Address Limitations Of Demographic Data In India, Revolutionise Discourse On Inequality, https://www.outlookindia.com/website/story/opinion-world-population-daynprcan-address-limitations-of-demographic-data-in-india/356463, 11 July 2020.**
4. **Covid-19 Is A Wake Up Call: Why Real-Time Demographic Data Is Key To Getting The Better Of Pandemics.** https://swarajyamag.com/ideas/covid-19-is-a-wake-up-call-why-realtimedemographic-data-is-key-to-getting-the-better-of-pandemics
5. **India May See An Unintended Baby Boom Due To COVID-19 Lockdown. Is Govt Prepared? https://www.outlookindia.com/website/story/opinion-with-country-undercoronaviruslockdown-india-may-see-lakhs-of-unintended-pregnancies-is-govtprepared/352055 May 4, 2020**
6. **CAA Alone Will Not Affect Culture And Demography In Assam** https://www.outlookindia.com/website/story/opinion-caa-will-not-affect-culture-and-demographyinassam/344794 **28 December 2020**
7. **NRC neither scientific in detecting illegal immigrants, nor in the spirit of Assam Accord; indigenous people need constitutional safeguards**https://www.firstpost.com/india/nrcneitherscientific-in-detecting-illegal-immigrants-nor-in-spirit-of-assam-accord-indigenous-peopleneedconstitutional-safeguards-7297081.html **Septemeber 06, 2019**
8. **My post doc experience at IIASA, July 31, 2019; Blog at IIASA website https://blog.iiasa.ac.at/2019/07/31/my-post-doc-experience-at-iiasa/** July 31, 2019
9. **We need to change the mindset that women’s health is not important**, The Telegraph India, https://www.telegraphindia.com/opinion/we-need-to-change-the-mindset-that-women-s-health-isnot-

important/cid/1693318?fbclid=IwAR0OX81LbNCt8IgarnYXfSk5esBPF4um7O7zczCXfKvDo7VB Luz6VGw-iRE 28th June 2019

1. **What matters more in preventing adult deaths in India?**, IIASA Blog https://blog.iiasa.ac.at/2019/02/04/what-matters-more-in-preventing-adult-deaths-in-india/
2. **Closing the gap",** January 27, 2019, The Hindu :https://www.thehindu.com/todayspaper/tpopinion/closing-the-gap/article26102545.ece February 4, 2019
3. **Citizenship Bill: BJP chasing ghosts in Assam; Census data shows number of Hindu immigrants may have been exaggerated November 30, 2018**

https://www.firstpost.com/india/citizenship-amendment-bill-bjp-chasing-ghosts-in-assam-ascensusdata-shows-number-of-hindu-immigrants-couldve-been-exaggerated-5640511.html

1. **Counting excess under-5 female mortality in Indian districts,** http://www.niussp.org/article/counting-excess-under-5-female-mortality-in-indian-districtsladiscrimination-contre-les-filles-et-la-mortalite-dans-lenfance-en-inde/ **November 5, 2018**
2. **A bottom up plan**, https://www.thehindu.com/todays-paper/tp-opinion/a-bottomupplan/article24845365.ece The Hindu, 2 September 2018
3. **India’s Unwanted Daughters, June 4, 2018**. IIASA’s blog https://blog.iiasa.ac.at/?s=India+unwanted+daughter

# INVITED TALK

Invited seminar in Wittgenstein Colloquium on “Actual and ideal fertility differential among natives, immigrants, and descendants of immigrants in a north-eastern state of India” at Vienna Institute of Demography, Austria, 19th February 2019.

Invited seminar on “The trajectory of gender disparity in health across the life course: The case of Indian Women” at Department of International Development, London School of Economics and Political Science, London, 17th September 2018.

Invited seminar on "Gender and mortality: Does female survival advantage really exist in India?" At Centre for Demographic Research, Université catholique de Louvain, Belgium; 5th June 2018

Delivered a talk as key note speaker on “Immigration in Assam” at Developing Countries Research Centre, Delhi University in “Grassroots Social Science Colloquium on North East” 23rd March 2017.

Delivered a talk on “Neonatal mortality in India through quantitative and qualitative prospective” at Bill &

Melinda Gates Institute for Population and Reproductive Health, John Hopkins Bloomberg School of

Public Health, Baltimore, USA Tuesday, May 6th 2014

Invited presenter on “Mortality Inequality in India during 1970-2010: Integrating Census and Sample Registration System Findings” in JY Pillay Comparative Asia Research Centre conference, National University of Singapore, Singapore, 22-24 May, 2013.

Invited speaker on “Trends and geographical differentials in mortality under age 60 in India” at Seminar Program of Cedeplar, Federal University of Minas Gerais (UFMG) on 4 November, 2011 in Belo Horizonte,

Brazil.

Invited speaker on “Adult Mortality in India” in Institut National d'etudes Demo- graphiques (INED), Paris in the seminar “Health and Mortality in Asia”, held on 21 October, 2011.

Invited speaker at Institute for Health Metrics and Evaluation (IHME) on “Adult Mortality in India” in IHME, Seattle, USA on 27 September, 2010.

# VISITING SCHOLAR/GUEST RESEARCHER

Queen Elizabeth Scholar at Dalla Lana School of Public Health and the Centre for Global Health Research,

University of Toronto, Canada, 12th May-2nd June 2019

Visitor at the Department of International Development at London School of Economics and Political Science, London from 9th to 19th September 2018.

Visiting fellow at Centre population et development (CEPED) Paris, French September 2016.

Guest Researcher position in Max Planck Institute for Demographic Research, Rostock, Germany May, and August & September 2016; December 2014; June-July 2013; December 2010; December 2009-January 2010.

Visiting Fellow in Vienna Institute for Demographic Research, Vienna, Austria during 18 December to 21 December 2013.

Researcher position at Institut National d'etudes Demo- graphiques (INED), Paris, French during 10-25th

September, 2013 [Not accepted]

Fellow Researcher position in Institut National d'etudes Demo- graphiques (INED), Paris, French during 1629 October, 2011.

Visiting Scholar in Max Planck Institute for Demographic Research, Rostock, Germany during 19 October, 2008 to 19 March, 2009.

# INTERNATIONAL SEMINAR/CONFERENCES

Presented paper on “Bringing *spirituality* to the debate on population growth, health, and environmental sustainability” in International 3S (Sustainability, Spirituality and Simplicity) conference organised by Institute for Science and Spirituality, Delhi.

Presented oral paper “*Socio-economic patterns and determinants of adult deaths due to external-causes in India: Analysis of nationally representative population-based survey data*” in the British Society for Population Studies Conference, University of Winchester, UK 10th September to 12th September 2018.

Presented oral paper “*Gender Difference in Post-Neonatal Mortality By Type of Family in Rural South Asia*” in the European Population Conference, Vrije Universiteit Brussel, Belgium, 6th June to 9th June 2018.

Presented oral paper “*Social Gradients in Adult Mortality in India: Application of Orphanhood Method in India Human Development Surveys*” in the European Population Conference, Vrije Universiteit Brussel, Belgium, 6th June to 9th June 2018.

Presented oral paper *“Socio-economic disparity in Adult Mortality in India: An Application of Orphanhood Method in*

*India Human Development Survey*” in 9th Demographic Conference of "Young Demographers", Faculty of Science, Charles University in Prague during 15th and 16th February 2018

Presented poster paper *“Differences in Adult Mortality by education, caste and religion in India: Application of modified Orphanhood Method in India Human Development Survey*” in the IUSSPXXVIII International Population Conference, Capetown, South Africa, 29th October to 4th November 2017.

Presented paper *“Geographical differentials and determinants of excess female under-five deaths in Indian Districts: Evidence from the Census 2011*” in the IUSSPXXVIII International Population Conference, Capetown, South Africa, 29th October to 4th November 2017.

Presented poster paper *“Gender Disparity in Intra-Household Health Care Expenditure: Empirical Evidence from India*” in the IUSSPXXVIII International Population Conference, Capetown, South Africa, 29th October to 4th November 2017.

Presented poster paper *“Gender difference in post-neonatal mortality by type of family in rural South Asia*” in the IUSSPXXVIII International Population Conference, Capetown, South Africa, 29th October to 4th November 2017.

Presented paper “*Disability Divides in India: Evidence from 2011 Census*” in the annual meeting of Population Association of America, Chicago, USA, 27th April to 29th April 2017.

Presented poster “*Trends in Immigration from Bangladesh to Assam, 1951-2001 Evidence from Direct and Indirect Demographic Estimation*” in the annual meeting of Population Association of America, Chicago, USA, 27th April to 29th April 2017.

Presented paper “*Geographical distribution of Excess female under five deaths in India”* in *IUSSP* international

Conference on “*Mortality Forecasting in developing countries*” during 6-8 April 2017 JNU, Delhi

Presented paper “*Sub National Variation in neonatal mortality during 1981-2011”* in European Population Conference, Mainz, Germany 31st August-3rd September 2016.

Presented poster “Geographical patterning of excess female infant and child deaths in Indian Districts: Evidence from the Census 2011” in the annual meeting of Population Association of America, Washington DC, USA, 31st March to 2nd April 2016.

Presented paper “Gender differentials in Self-rated Health and Self-reported disability among adults in India” in the annual meeting of Population Association of America, Washington DC, USA, 31st March to 2nd April 2016.

Presented paper “Disability Divide in India: Evidence from Census of India 2011” inn XXXV INCA International Congress 15-17 December, 2015 at Jawaharlal Nehru University, New Delhi.

Presented paper “*Neonatal deaths among urban poor in Delhi”* in international seminar on “Mortality and Causes of Death Studies in India: Requirement, Availability and Analysis during past four decades” during 26-27 March 2015 in Jawaharlal Nehru University, New Delhi.

Presented the seminar report in the International Seminar by IUSSP on “Promoting Postpartum and Postabortion Family Planning: Challenges and Opportunities”, Cochin, India in 11-13 November 2014 as a recipient of Junior Demographer Travel award.

Presented paper “*Sub National Variation in neonatal mortality during 1981-2011”* in the annual meeting of Population Association of America, Boston, USA, 1-3 May, 2014.

Presented paper “*Mortality in India during 1970-2006: The role of causes of death in explaining the Female-Male mortality gap* ” in 27th IUSSP Conference, Busan, South Korea, 26-31 August, 2013.

Presented poster “Adult Mortality in India: An application of widowhood method” in the annual meeting of Population Association of America, San Francisco, USA, 3-5 May, 2012.

Presented paper (web presentation) in IUSSP Regional conference “Social Determinants of Infant mortality: does class or caste matter in Urban India?” in international conference “New Approaches to Urban Health and Mortality” during the Health Transition, Sevilla, Spain by IUSSP) during 14-17 December, 2011.

Presented paper “Explaining reduction of urban infant mortality in India: Evidence from NFHS data during 1992-93 to 2005-06” in 10th International Conference on Urban Health held at MINASCENTRO Convention Center, in Belo Horizonte City, Brazil, 1-5 November, 2011.

Presented paper “Determinants of Adult Mortality in India” in 26th IUSSP International Population conference held in Morocco 27 September 2009- 2 October 2009.

# NATIONAL SEMINAR/CONFERENCES/WORKSHOP AS A SPEAKER

Delivered motivational talk in Nowgong Girls College, Nagaon Assam on 22.01. 2021 organised by Department of Geography. Nowgong Gilrls College.

Delivered motivational talk in Nowgong College on 19.01. 2021 organised by Department of Economics, Nowgong College, Nagaon Assam.

Gave a lecture on “Gender disparity in Health” 28th August 2020 in the international webminar

A Geographical perspective of population in SAARC Countries with special reference to India and Nepal on the occasion of *Diamond Jubilee celebration, Biswanath College, Assam*

Gave a lecture on “Spirituality on mental health” in the national webminar on “Towards better and balanced life: Positive Mental Health and well-being” organised by Department of Education, ADP college, Nagaon on 13th August 2020.

Gave a talk on “On definition of Indigenous population in India” in the webminar on “ Indian Perspective on World Indigenous day” on 9-10 August 2020 with collaboration of Atal Bihari Bajpayee Hindi Vishwavidyalaya, Bhopal, Pragyanam Indica and IIRD, Delhi.

Presented research paper “Geographical Variation and determinants of COVID-19 in India: Evidence from crowdsourced data” in World Population Day celebration 11th July 2020, Organized by CSRD, SSS, JNU

Delivered a talk on “Sex selection in India” on 27th Feb on 117th Orientation program beginning from Feb 24rth to 16th March 2020 at the UGC-HRDC, JNU.

Presented research paper on “Revisiting the causes of fertility decline in Bangladesh: Family planning program or female education” in National seminar entitled “Population, Health and Sustainable Development Goals: Performance and Prioritizing Policies” in Patna, during 13-15 February 2020.

Delivered a talk on “NRC in Assam” in 6th Refresher course in “Contemporary Studies (Natural and Social

Sciences)”, UGC-Human Resource Development Centre, JNU on 10th December, 2019

Delivered a talk on “NRC: Demographic Context and Outcome” in the half day seminar on “Demographic and Social Implications of NRC: A Way Forward” on 5th November 2019 at Committee room, SSS 1, Jawaharlal Nehru University [Funder: ICSSR, Northern region

Presented research paper on “NRC: Demographic Context and Outcome”, on Tuesday, 24 September

2019 in Institute of Peace and Conflict Studies, New Delhi

Presented paper on “Determinants of Adult deaths due to external causes in India” in National Seminar on

"Population, Health and Environment" to be held at GBPSSI, Prayagraj during September, 20-22, 2019

Delivered a talk on “Sex Ratio and excess girls’ mortality in India” in 3rd Short Term Course in Gender Sensitization & Social Justice beginning from August 5-9, 2019 at the UGC-HRDC, JNU.

Guest speaker on “Basics of Multilevel Modelling” in the workshop on “Multilevel Modelling in Health Research using STATA”, 24-26th July 2019 Organised by ICMR & NIMS, Delhi.

Presented paper “Trajectory of gender disparity in health across life course: The case of Indian Women” at South Asian University, Delhi on 5th September 2019.

Presented paper “Trajectory of Gender Disparity in Health across Life Course. The case of Indian Women” in a two-day national seminar on Poverty and Social Exclusion: A Life Course Perspective, April 12-13, 2018, organized by Lokashraya Foundation, Indian Institute of Public Administration (IIPA), New Delhi and TERI School of Advanced Studies, New Delhi

Delivered a talk on “Sampling Technique” in “1st Interdisciplinary Course in Research Methodology” on Feb 20, 2017, beginning from 13th February to 10th March, 2017 at the UGC-HRDC, JNU.

Presented paper “*Trends in immigration in Assam, 1951-2001 Evidence from direct and indirect demographic estimation*” in 37th annual conference of the IASP at Delhi in 7-9th December, 2016.

Presented seminar on “*Migration in Assam during 1951-2011*” NEISP SEMINAR SERIES 2016, NEISP, JNU 10th November 2016.

Presented a seminar on the project “*Cross border migration in Assam 1951-2011: Process, magnitude and consequences*”, 23rd September 2016 at Centre for Study of Regional Development, JNU, Delhi.

Presented paper “*Mortality trends in Assam 1970-2010: A Comparison with the Bigger States*” in the conference

“Framing a Region: New Perspectives on North East India” by Jawaharlal Nehru Institute of Advanced Study and North East India Studies Programme Jawaharlal Nehru University, March 25 – 27, 2015

19th December 2015 talk “Sampling Techniques” in national workshop during 18-29 Dec 2015 at Human Resource Development Center in JNU, New Delhi organized by Centre for Social medicine and community health, JNU.

Delivered a talk on "Mortality transition with a special reference to India", 16 March 2015 in 50th Refresher Course in Economics beginning from Monday, 23 February 2015, organized by Academic Staff College, JNU. Delhi

Delivered a talk on “Popular talk on Statistics” on 22nd August, 2015 in B H B.H. College, Howly, Barpeta, Assam.

15th October 2015 talk on 'Visual Representation of DATA (Data Sources and use in Social Science Research" in 'National Workshop' on Research Methodology in Social Sciences' organized by JNU and Association of Indian Universities (AIU).

Presented paper “*Neonatal deaths among urban poor in Delhi*” in the seminar National Health Mission: Achievements and Challenges Institute of Economic Growth, Delhi 8th – 12th September, 2014.

Delivered a talk in the session “Themes in Geography Teaching and Methods of Analysis” in JNUCSRDCAS Colloquium on “Rethinking Geography Education and Research in India”, 29-30 March 2014.

Presented paper “*Adult male mortality in India since independence: An application of widowhood method*” in 33rd annual conference of the IASP at Lucknow on 11-13 November, 2011.

Presented Paper “*Does the type of family affects maternal Health? Evidence from India*” co-authored by Mr. Abhishek Singh in “Contemporary Issues in Population and Health”, Bhopal M.P. during 23-25th January, 2008.

Presented Paper “*Who Gets Education In Uttarakhand? An analysis of NFHS III and Census data*”, co-authored by J.K. Bora & Prof F. Ram in national seminar “Population, Environment, and Development in Uttarakhand” 17-19 March, 2008 organized by IIPS, Mumbai.

# PARTICIPATION IN TRAINING/WORKSHOP

Attended workshop “Improving mortality forecasts, 31 August 2016 at European Population Conference 2016 at Mainz, Germany 2016.

Attended Ethnic and Cultural Diversity– MPI Summer School 2014 organized by The Center for the Study of Ethnic and Cultural Diversity in China at Minzu University, Beijing in from 07-11 July 2014.

Attended course “Statistical modelling of Missing values” in Max Planck Institute for Demographic Research, Rostock, Germany from 13-17th December, 2010.

Attended workshop “Demographic Computations: Multistate Population Projection” at ISEC 9-13 November, 2010 by International Institute for Applied Systems Analysis (IIASA), Austria & Institute for Social Economic Change (ISEC), Bangalore, India.

Attended summer workshop “Frontiers of formal Demography” in Max Planck Institute for Demographic Research, Rostock, Germany during 2-10 June, 2009.

Attended the course “Demographic Techniques in Public Health Research” from 19 October, 2008 to 19 March, 2009 , Max Planck Institute for Demographic Research Center, Rostock, Germany .

Attended NCEAR and The World Bank training workshop “Evaluation the impact of Development Programs: Turning Promises into Evidence”, in Crown Plaza, New Delhi, March 11-22, 2013.

Attended training on SAS Visual Data Discovery, SAS Web Report Studio and Share Point by Vayamtech as a part of HMIS Augmentation Progarm in NIHFW, New Delhi, 26-30 June, 2012.

Attended “National Training Workshop on Policy Models for Evidence-Based Decision Making and Advocacy” in NIFHW, New Delhi organized by USAID & Health Policy Project, 9-11 April, 2012.

Attended international summer school 2012, “Contextualizing Social Determinants of Health” at CSMCH,

Jawaharlal Nehru University, New Delhi, organized by German Academic Exchange Service

(DAAD) and Bielefield University, ICMR, ICSSR and JNU, 26-30 March, 2012

Attended UGC Academic staff college Orientation course 27th January 2015-20th February 2015 in JNU Academic Staff College, New Delhi.

Attended refresher course in Economics in Human Resource Development centre, JNU from 20th July to 14th August 2015.

# OTHER PROFESSIONAL SERVICES

Member-secretary of JNU Apex Committee on NEP2020 implementation, 2020 onwards

9B committee members of many PhD students in CSRD, JNU

Senior Research Fellowship evaluator of many PhD students from school of social science, JNU.

Chaired the session “*Body culture and capita*” on Friday, 19 February 2021 Young Scholars Conference (National Webinar), “Space, Knowledge, Capital”, organised by Special Centre for the Study of North East India (SCSNEI), Jawaharlal Nehru University (JNU), New Delhi, from 18-19 February, 2021,

Member of screening committee for post scientists B, D and E under ICMR, January 7, 2021

Chairperson of the selection committee for Mental health and social stigma among personnel involved in the management of COVID-19 patients in India” in ICMR – National Institute of Cancer Prevention & Research (NICPR) on 14.09.2020.

Report of Maternal & Child Health Services Under HMIS: West & South West Districts, Delhi, September 2012, submitted to Ministry of Health & Family Welfare, Government of India, along with IEG PRC faculties ; Report *Quality of Health Management Information system (HMIS) in Uttarakhand: A Study of Rudraprayag and Udham Singh Nagar* submitted to Ministry of Health & Family Welfare, Government of India, along with IEG PRC faculties, October, 2011.

# Reviewer on Research Article for the journals

Archives of Gerontology and Geriatrics; Asian Population Studies; BMC Pregnancy and Childbirth;

Bulletin of the World Health Organization; Comparative Population Studies; Demography India; European

Journal of Population; Genus Journal of Population Sciences; International Journal of Social Research

Methodology; Journal of Social and Economic Development; Journal of Biosocial Science; Journal of

Population Ageing; Journal of Population Research; Margin: The Journal of Applied Economic Research;

PeerJ; Plosone; PlosMedicine; Population Review; SSM-Population Health; Social Change; Social Science and

Medicine; Studies in Family Planning; The Lancet Global Health; World Development

Reviewer of International conferences like, Internal population conference 2021 organised by IUSSP; Asian Population Conferences 2021 etc.

Joint Secretary of Faculty club, JNU 2015-2017

Involvement in two government primary and secondary schools in Nagaon District, Assam

**External Evaluator** of PhD Thesis of Curtain University, Australia, 2017.

Chaired & discussed the session “*Data quality and time trends*” on Tuesday, 31 October 2017 at the XXVIII IUSSP International Population, 29 October – 4 November 2017 in Cape Town, South Africa

Chaired the session “*Maternal Mortality”* on Thursday, 2nd November 2017 at the XXVIII IUSSP International Population, 29 October – 4 November 2017 in Cape Town, South Africa

Chaired a session at IUSSP international seminar “Mortality Forecasting in Developing countries at JNU, Delhi, 6-8 April 2017.

Discussed the session “Decent Work, Teachers and Migration” at the CAS-IMDS International

Workshopcum-Seminar on “Education, Migration and Global Development Agendas: MDGs and SDGs”, organized by Zakir Husain Centre for Educational Studies, Jawaharlal Nehru University, on 18-19 February 2016.

Acted as a role of resource person in the session “Population Dynamics and Adolescents & Youth” in the

“Census Data Dissemination Workshop” organized by the Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University and Office of Registrar General and Census Commissioner, India held at the Jawaharlal Nehru University on 23rd Janauary 2015.

Chaired a session “ Abortion, fertility and mortality” in the seminar *National Health Mission: Achievements and*  *Challenges Institute of Economic Growth, Delhi 8th – 12th September, 2014*

Discussed the session 168 “Transition and urban health” in 27th IUSSP Conference, Busan, South Korea, 2631 August, 2013.

Discussed the session “Health and Education” at 2nd International Conference on South Asian Economic Development organized by South Asian University, New Delhi.

Co-chaired the session “Cartography for Population, Environment and Development – II” in XXXV INCA International Congress 15-17 December, 2015 at Jawaharlal Nehru University, New Delhi.

Worked as Rapporteur in “Responding to gender-Biased Sex Selection: An inter Regional Capacity Building Workshop” 11-13 November 2013, Oraganised by UNFPA, Delhi, at Hotel Claridges, Delhi.

# TEACHING EXPERINCE

1. Introduction to Demographic tools and techniques: Indian Economic Service Probation 2012-2013, Institute of Economic Growth, New Delhi.
2. Quantitative Methods in Geography I & II (RD 404 & RD 505): MA in Geography, CSRD JNU 2013-2017.
3. Demographic Change: Mortality and Health (RD 645): M Phil in Population, CSRD JNU since 20132017.
4. Advanced methods in Demographic Analysis (RD 626): M Phil in Population, CSRD JNU since 2014-2020.
5. Quantitative methods in Regional analysis (RD 617): M Phil in geography/Economics since 20142016
6. Field Survey Methods - Socio-economic (RD 413) to MA in Geography, 2017.
7. Demography and Population Geography (RD513):MA in Geography,centre for Study of Regional

Studies, JNU 2020

# RESEARCH GUIDANCE (9 M Phil students and 16 PhD students)

1. Number of awarded MPhil students: 8 (Vandana Tamrakar; Mukunda Upadhyay; Mukesh Parmar; Moradhvaj; Benjamin Debbarma; Somdutta Baruah; Bandita Boro; Krishna Kumar)
2. Number of ongoing M Phil Students: 1 (Souvik Mondal)
3. Number of PhD students awarded: **3** (Dr Sasmita Jena; Dr Priyanka Namdev Rao; Dr Tekchand Saini) 4) Number of PhD students submitted: **4** (Ms Vandana Tamraker; Mr Moradhvaj; Mr Nagendra; Mr Benjamin Debbarma)
4. Number of PhD students in the process of submission: **5 (**Shewli Shabnam; Mukesh Parmar; Ankita Srivastava; Sudheer Kumar Shukla; Somdutta Baruah)
5. Ongoing PhD Students: **4**(Sadaf Naz Akhtar; Bandita Boro; Girimallika Bora; Krishna Kumar)

# PhD students and their topics (Total 16)

1. Sasmita Jena : Work Status and Utilisation of Antenatal Care among Rural and Urban Poor Women in Khordha and Sundergarh, Odisha
2. Priyanka Namdev Rao: Gender differentials in levels, trends and patterns of mortality in India since 1970: A regional analysis
3. Tekchand Saini: Spatial inequality in access to health care services in Rajasthan,
4. Moradhvaj: Changing adult mortality in India: Socio-economic and regional disparity (Submitted)
5. Vandana Tamrakar: Explaining the Trends and Determinants of Gender Differential in Under-Five

Mortality in Selected South Asian Countries (Submitted)

1. Benjamin Debbarma: Prevalence, determinants and consequences of substance use among male tribal youth in West district of Tripura (Submitted)
2. C. Nagendra: Socio-economic factors influencing HIV/AIDS in Bengaluru (submitted)
3. Shewli Shabnam: Health Expectancies and Burden of Disease in Six Large states in India Benjamin
4. Ankita Srivastava: National and sub-national projections of ageing in India: a probabilistic approach
5. Mukesh Parmar Dynamics of mortality and morbidity compression in India and States 1970-2015
6. Somdutta Baruah : Overweight and Obesity among adults population in Kolkata
7. Sudheer Kumar Shukla: Health Shocks and Wellbeing among Urban Lower Middle Income Group: A Case Study of NCT of Delhi
8. Sadaf Naz Akhtar : Trends and Determinants of Mortality in Old-Age in India
9. Bandita Bodo: Differential and determinants of health status among elderly in India
10. Girimallika Bora: Impact of Floods on Morbidity and Health Expenditure in Assam
11. Krishna Kumar: Completeness of Death Registration in India: A mixed method approach

**RESEARCH COLLABORATION**.

 Researchers from Centre population et dévelopement CEPED Paris, French.

 Researchers from Australian National University, Australia.

 Researchers from Vienna Institute of Demography, Vienna.

 Researchers from University of California, San Francisco.

 Researchers from Institute for Economic Growth, Delhi.

 Researchers from IIT-Delhi

# EVENT ORGANISATION

Organised two day webinar on “Indian Prospective on World Indigenous day” on 9-10 August 2020 with collaboration of CSRD, JNU; Atal Bihari Bajpayee Hindi Vishwavidyalaya, Bhopal; Pragyanam Indica and IIRD, Delhi.

Convenor for the theme on mortality, morbidity, epidemiology for the 5th APA conference to be held at Yogyakarta, Indonesia, 24-27 November 2020 (Postponed).

Organized two day workshop together with Prof Christophe Guilmoto on preparing “Atlas of demographic and gender inequalities in India” on 16-17th December 2019 at CSH, Delhi

Organized a half day seminar on “Demographic and Social Implications of NRC: A Way Forward” on 5th November 2019 at Committee room, SSS 1, Jawaharlal Nehru University [Funder: ICSSR, Northern regional Centre].

Organized a half day seminar on “Demographic and Social Implications of NRC: A Way Forward” on 5th November 2019 at Committee room, SSS 1, Jawaharlal Nehru University [Funder: ICSSR, Northern regional Centre].

Organized a field trip for the course RD413 (Socio-economic Study Trip) in Nagaon district of Assam for M.A. Fourth Semester students (batch 2015-17). The trip was scheduled from 29th December 2016 to 12th January, 2017 with a team of 40 students and faculties of CSRD, JNU, Delhi.

Organized international seminar on “*Mortality Forecasting in developing countries*” during 6-8 April 2017 together with Dr Vladimir Canudas-Romo, Max Planck Odense Center on the Biodemography of Aging, University of Southern Denmark, Denmark and Prof K S James at Centre for Study of Regional Development, JNU, Delhi.

Organized International training workshop on “*Demography of Gender Bias*” during 20-24 March 2017 together with Prof Christophe Guilmoto, CEPED France and Prof K S James at Centre for Study of Regional Development, JNU, Delhi.

Carried out socio-economic field trip with 37 MA students of Geography course during 29 December 2016 to 12 th January 2017 to Assam as part of the course RD413 along with Prof K K Sharma at Centre for Study of Regional Development, JNU, Delhi.

Organized international seminar on “*Mortality and Causes of Death Studies in India: Requirement, Availability and Analysis during past four decades*” during 26-27 March 2015 together with Dr Bhawati Das in Centre for Study of Regional Development, JNU, Delhi.

Coordinated “*Census Data Dissemination Workshop”* in CSRD, JNU on January 23rd 2015 together with Dr Dipendra Nath Das.

Organized 3 day training workshop on “*Introduction to R”* in Centre for Study of Regional Development among PhD and M Phil Students.

Organized international workshop on “*Health Inequality in India: Concept, Method and Evidence*” during 23-24th July 2013 together with Dr William Joe at Institute of Economic Growth, New Delhi.

# PROFESSIONAL MEMBERSHIP

Life Member of Indian Association for Study of Population (IASP)

Life Member International Institute for Population Sciences Alumni Association (IIPSAA)

Life Member of Indian Association for Social Science and Health (IASSH)

Life Member Indian Health Economics and Policy Association (IHEPA)

Life Member of Indian Society for Medical Statistics (ISMS)

Annual Member of Population Association of America (PAA) 2012, 2014; 2017

Annual Member of International Union for Scientific Study of Population (IUSSP) 2009, 2013, 2016-2019

Annual Member of European Association for Population Studies (EAPS), 2016

Life Member of Assam Association of Delhi

**LANGUAGE KNOWN** Assamese, English, Hindi and Bengali