

## **WILLIAM JOE**

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ASSISTANT PROFESSOR  
POPULATION RESEARCH CENTRE  
INSTITUTE OF ECONOMIC GROWTH  
DELHI UNIVERSITY NORTH CAMPUS  
DELHI 110 007

### **TEACHING INTERESTS**

Health Economics, Development Economics, Econometrics and Research Methodology

### **RESEARCH INTERESTS**

Population Health and Nutrition, Health Financing, Program Monitoring & Impact Evaluation

### **EDUCATION**

- PH.D IN ECONOMICS, Jawaharlal Nehru University, New Delhi. 2006-2010  
“*On Measurement and Interpretation of Health Inequalities: An Application in Indian Context*”
- M.PHIL. IN APPLIED ECONOMICS, Jawaharlal Nehru University, New Delhi. 2004-2006  
“*Strategy of Zoning amidst Distributive Concerns: A Case of Marine Fisheries of Kerala*”.
- M.A. ECONOMICS, (Gold Medal), Goa University, Goa, India. 2002-2004
- M.A. POPULATION STUDIES, (Gold Medal), International Institute for Population Sciences (IIPS), Mumbai, India. 2019-21
- B.A. ECONOMICS, MES College of Arts and Commerce, Goa University, Goa, India. 1999-2002

### **TEACHING EXPERIENCE**

- Assistant Professor, Institute of Economic Growth, Delhi Nov. 2011 – Present
- Professor, International Institute for Population Sciences, Mumbai, Oct 2021-Jan 2022
- Guest Lectures, IIHMR University, Jaipur. Lectures on Program Evaluation Methods. October 2020.
- Visiting Scientist, Harvard School of Public Health, Boston. United States, Feb-Sep 2017.
- Guest Lectures, TERI University, New Delhi. Lectures on Health Policy. September 2016.
- Guest Lectures, Central University of South Bihar, Gaya. Lectures on Environmental Economics. February 2016 and April 2016.
- Guest Lectures, International Institute of Population Sciences IIPS, Mumbai. Lectures on Measurement of Health Inequality: Theory and Applications. 2011, 2012 & 2013
- Assistant Professor, Department of Economics, BITS-Pilani Goa Campus. Feb 2011 to Oct 2011
- Junior Consultant, Institute of Economic Growth, Delhi. Jan 2010 – Jan 2011
- Guest Lectures, SRM University, Tamil Nadu. Lectures on Health Economics. 2009
- Teaching Assistant, South Asian Network for Development & Environmental Economics. Workshop Microeconomics & Mathematical Tools for Environmental Economics, Nepal. 2007

## PROFESSIONAL SERVICES

**Member**, Working Group on Strategy for Improving Nutrition in India, NITI Aayog, 2024

**Member**, Technical Advisory Group, National Health Research Priority Project on Anemia, ICMR New Delhi

**Member**, Expert Group on Alleviation of Malnutrition in the State of Jharkhand, Jharkhand State Nutrition Mission, Department of Women Child Development and Social Security, Government of Jharkhand, 2023

**Member**, Technical advisory committee for community based management of acute malnourished children (C-MAM) programme in Karnataka, Government of Karnataka, 2024

**Member**, Working Group on Rice Fortification, Department of Food and Public Distribution, Ministry of Consumer Affairs, Food and Public Distribution, Government of India, 2023

**Member**, Expert Committee on Evaluation of Package 2 – Women and Child Development Sector, DMEO, NITI Aayog, 2019

**Member**, Advisory Committee, ICRIER G-20 Health Study, 2019

**Member**, Expert Group on Maternal Mortality Estimation 2012-14, Office of Registrar General, Ministry of Home Affairs, Government of India 2016

**Member**, Editorial Board, FLAME University Working Paper Series

**Member**, Editorial Board, SSM Population Health, 2024-25

**Managing Editor**, Demography India, 2022-23

**Academic Editor**, PLOS One, 2018-20

## PHD/MD SUPERVISION

1. **Saroj Kumar**, ICSSR Doctoral Fellow, Institute of Economic Growth, Delhi  
Affiliation: Central University of Gujarat, Gandhinagar  
Dissertation: Inequalities in Access to Maternal Health Care Services in Uttar Pradesh  
Year of Award: 2019

2. **Sunil Rajpal**, ICSSR Doctoral Fellow, Institute of Economic Growth, Delhi  
Affiliation: Central University of Gujarat, Gandhinagar  
Dissertation: Population Aging and Health in India: A State-Level Analysis  
Year of Award: 2020

3. **Dr. Surabhi Puri**, Junior Resident, All India Institute of Medical Sciences, New Delhi  
Affiliation: All India Institute of Medical Sciences, New Delhi  
MD Thesis: Assessment of Anemia Control Measures in District Faridabad, Haryana with Focus on Iron and Folic acid Supply Chain and Anemia Diagnostic Facilities: A Mixed-Method Study  
Year of Award: (2021)

### REVIEWER/REFEREE: PHD/M.PHIL/MASTERS DISSERTATION

1. Indian Institute of Technology (IIT), Gandhinagar
2. Sree Chitra Tirunal Institute of Medical Sciences and Technology (SCTIMST), Trivandrum
3. Jawaharlal Nehru University (JNU), New Delhi
4. Indira Gandhi Institute of Development Research (IGIDR), Mumbai
5. International Institute for Population Sciences (IIPS), Mumbai

### MASTER'S DISSERTATION SUPERVISOR/ADVISOR

1. **Y Manasa Shanta**, Master of Arts in Sustainable Development Practice  
Affiliation: TERI University, New Delhi  
Dissertation: Health of Elderly in India: Evidence from Building Knowledge Base of Population Ageing in India (BKPAI) Dataset, 2011  
Year: 2015
2. **Jivetesh Singh Kang**, Master of Arts in Economics (*Hons.*)  
Affiliation: Panjab University, Chandigarh  
Dissertation: Inclusive Development in India: A Review and Analysis  
Year: 2014-15

### RESEARCH AND TECHNICAL SUPPORT ACTIVITIES

- Comprehensive Management of SAM and MAM (Andhra Pradesh and Rajasthan)  
Project Funding: Vijayavahini Charitable Trusts (VCF)  
Project Team: William Joe, Year: 2024
- Public expenditure review for child nutrition interventions (Jharkhand)  
Project Funding: UNICEF Jharkhand  
Project Team: William Joe, Year: 2023-24
- Evaluation of GOBARdhan, Gujarat  
Project Funding: UNICEF Gujarat  
Project Team: William Joe, Year: 2024
- Evaluation of Poshan Sudha Yojana, Gujarat  
Project Funding: UNICEF Gujarat  
Project Team: William Joe, Year: 2023-24
- Heat and Health adaptation  
Project Funding: Wellcome Trust  
Project Team: William Joe (Co-PI), Year: 2023-27
- Livelihood Improvement of Coconut Farmers in Karnataka and Tamil Nadu  
Project Funding: Parachute Kalpavriksha Foundation  
Project Team: William Joe (Co-PI), Year: 2023-24
- Sub-National Exemplars in Anemia Reduction  
Project Funding: International AIDS Vaccine Initiative (IAVI)

Project Team: William Joe, Year: 2023-24

- TB Services for SAM Children  
Project Funding: Child Rights and You (CRY)  
Project Team: William Joe, Year: 2023-24
- HFSS Foods Consumption and Taxation in India  
Project Funding: Resolve to Save Lives (RTSL)  
Project Team: William Joe, Year: 2023
- Tobacco consumption and taxation in India  
Project Funding: Campaign for Tobacco Free Kids (CTFK)  
Project Team: William Joe, Year: 2022-23
- Social Policy for Nutrition (SP4N) Community of Practice  
Project Funding: UNICEF India  
Project Team: William Joe, Year: 2022-24
- Policy Research and Analytics for Obesity Reduction in India  
Project Funding: Global Health Advocacy Initiative  
Project Team: William Joe, Year: 2021-23
- Evaluation of YES TO POSHAN, Andhra Pradesh  
Project Funding: VCF and Tata Trusts  
Project Team: William Joe, Year: 2022
- Evaluation of Poshan Sudha Yojana, Gujarat  
Project Funding: UNICEF Gujarat  
Project Team: William Joe, Year: 2022
- Anemia Mukht Bharat Technical Support, Jharkhand  
Project Funding: UNICEF Jharkhand  
Project Team: William Joe, Year: 2021-24
- Anemia Mukht Bharat Technical Support, Bihar  
Project Funding: UNICEF Bihar  
Project Team: William Joe, Year: 2021-23
- Evaluation of Community Sanitary Complex Operations and Management under SBM(Grameen)  
Project Funding: UNICEF India  
Project Team: William Joe, Year: 2021-23
- Food insecurity and dietary diversity among low-income migrant workers affected by Covid-19  
Project Funding: University of Aberdeen  
Project Team: A M Guntupalli, J MacDiarmid, W Joe, K Keshri, S Mahapatro, Year: 2021
- Evaluation of Women Scientists Scheme  
Project Funding: Department of Science and Technology (DST), Government of India  
Project Team: William Joe, Year: 2021

- Knowledge Products based on Project Spotlight, Palghar, Maharashtra  
Project Funding: Tata Trusts  
Project Team: William Joe, Year: 2020-21
- Evaluation of Project Making it Happen, Rajasthan  
Project Funding: Tata Trusts  
Project Team: William Joe, Year: 2020
- Provision and Promotion of Spacing Methods under Family Planning Program in Bihar  
Project Funding: Centre for Catalyzing Change (C3-India)  
Project Team: William Joe, Year: 2020
- Concurrent Monitoring of WIFS among School Going Adolescents in Jharkhand  
Project Funding: UNICEF  
Project Team: William Joe, Year: 2019-20
- Home Based Newborn Care (HBNC): Concurrent Monitoring of Selected Indian States  
Project Funding: Ministry of Health and Family Welfare, Government of India.  
Project Team: Population Research Centre, Institute of Economic Growth, Year: 2019-20
- Comprehensive National Nutrition Survey (CNNS) – Knowledge Products Development  
Project Funding: UNICEF  
Project Team: William Joe, Year: 2019-20
- Utilization and Impact Evaluation of 14<sup>th</sup> Finance Commission Grants to Gram Panchayats  
Project Funding: Ministry of Panchayati Raj  
Project Team: Manoj Panda, William Joe and S Chakravorty, Year: 2019
- Data Science Initiative for Health Nutrition and Development in India  
Project Funding: Tata Trusts  
Project Team: William Joe and S V Subramanian, Year: 2019-20
- National Health Mission: Monitoring of Important Components of State PIPs in India  
Project Funding: Ministry of Health and Family Welfare, Government of India.  
Project Team: Population Research Centre, Institute of Economic Growth, Year: 2012-2018
- Evaluation of Integrated Child Development Services Scheme (ICDS), India  
Project Funding: NITI Aayog  
Project Team: William Joe and Malavika Subramanyam, Year: 2019
- Concurrent Monitoring of Anemia Mukht Bharat Program, India  
Project Funding: UNICEF  
Project Team: William Joe, Year: 2018-
- Concurrent Monitoring of Mahatari Jatan Yojana in Chhattisgarh, India  
Project Funding: UNICEF  
Project Team: William Joe and Mala Ramanathan, Year: 2018-19
- Resource Sharing between Centre and States and Allocations between States: Some Issues in Balancing Equity and Efficiency

Project Funding: 15th Finance Commission, Government of India.  
Project Team: Manoj Panda, Purnamita Dasgupta and William Joe, Year: 2018

- Pay Commissions: Fiscal Implications  
Project Funding: 15<sup>th</sup> Finance Commission, Government of India.  
Project Team: Manoj Panda and William Joe, Year: 2018
- HMIS Data Validation for District Hospital Ranking in India: Study of District Hospitals in Delhi  
Project Funding: Ministry of Health and Family Welfare, Government of India.  
Project Team: Population Research Centre, Institute of Economic Growth, Year: 2017-18
- Intra-Village Disparities in Maternal and Child Health  
Project Funding: IEG-ICSSR.  
Project Team: William Joe and A Tripathi, Year: 2018
- National Food Security Act among Rural Households in Karnataka  
Project Funding: ICSSR, Government of India, New Delhi.  
Project Team: William Joe and T Jayan, Year: 2017-19
- Contribution of NDP-I to the Inclusion, Equity and Income of the Dairy Farmers  
Project Funding: National Dairy Development Board, Anand.  
Project Team: William Joe and Amarnath Tripathi, Year: 2018
- Knowledge, Skills and Attitude of Rural Youth Towards Dairy Farming in NDP-I Areas  
Project Funding: National Dairy Development Board, Anand.  
Project Team: William Joe and Amarnath Tripathi, Year: 2018
- Promotion of Safe Water, Sanitation and Hygiene in Slums of Delhi: End of Project Evaluation  
Project Funding: Save The Children, New Delhi.  
Project Team: William Joe, Year: 2017
- Cost of Family Planning Inaction in India  
Project Funding: Population Foundation of India, New Delhi.  
Project Team: William Joe and Amarnath Tripathi, Year: 2017
- Reassessment of National Parameters for Project Appraisal in India  
Project Funding: NITI Aayog, Government of India, New Delhi.  
Project Team: M N Murty, Manoj Panda and William Joe, Year: 2016-17
- Report of the Annual Health Survey in Nine EAG States of India  
Project Funding: Office of the Registrar General of India, Government of India, New Delhi.  
Project Team: William Joe, Year: 2015-16
- Policy Impact of Social Science Research: Evidence on Central Government Policies  
Project Funding: ICSSR New Delhi and IDRC Canada.  
Project Team: Manoj Panda and William Joe, Year: 2014-16
- Cross-Border Migration in Assam, 1951-2011: Magnitude, Process & Socioeconomic Consequences  
Project Funding: ICSSR, Government of India, New Delhi.  
Project Team: Nandita Saikia and William Joe, Year: 2014-16

- Promotion of Safe Water, Sanitation and Hygiene in Slums of Delhi: Baseline Study  
Project Funding: Save The Children, New Delhi.  
Project Team: William Joe, Year: 2016
- Demographic Dividend and Economic Growth in India  
Project Funding: Think Tank Initiative, Institute of Economic Growth, Delhi.  
Project Team: William Joe, Year: 2014
- How to achieve MDG 5?  
Project Funding: Think Tank Initiative, Institute of Economic Growth, Delhi.  
Project Team: Suresh Sharma and William Joe, Year: 2014
- How effective are Delivery-Related Programmes in Reaching Backward Castes? Causes of Low Access of Scheduled Castes and Tribes to ANC and PNC Services  
Project Funding: ICSSR and Institute of Economic Growth, Delhi.  
Project Team: R S Bora and William Joe, Year: 2013-14

### Project Reports Online

- Annual Health Survey Report – Part I: A Report on Core and Vital Health Indicators, Office of the Registrar General & Census Commissioner, India, Ministry of Home Affairs, Government of India, New Delhi.  
[http://www.censusindia.gov.in/vital\\_statistics/AHS/AHS\\_report\\_part1.pdf](http://www.censusindia.gov.in/vital_statistics/AHS/AHS_report_part1.pdf)
- Annual Health Survey Report – Part II: A Report on Clinical, Anthropometric and Bio-Chemical Survey, Office of the Registrar General & Census Commissioner, India, Ministry of Home Affairs, Government of India, New Delhi.  
[http://www.censusindia.gov.in/vital\\_statistics/AHS/AHS\\_report\\_part2.pdf](http://www.censusindia.gov.in/vital_statistics/AHS/AHS_report_part2.pdf)
- Cost of Inaction in Family Planning in India: An Analysis of Health and Economic Implications, Population Foundation of India (PFI), New Delhi.  
<http://www.populationfoundation.in/Publications/view/21/73/page:2>
- Report on Impact Evaluation Study of Fourteenth Finance Commission Grants to Gram Panchayat, Ministry of Panchayati Raj, Government of India, New Delhi.  
<https://www.panchayat.gov.in/ffc>
- Resource Sharing between Centre and States and Allocation across States: Some Issues in Balancing Equity and Efficiency, 15<sup>th</sup> Finance Commission, Government of India, New Delhi.  
<https://fincomindia.nic.in/ShowContent.aspx?uid1=11&uid2=6&uid3=0&uid4=0>
- Pay Commissions: Fiscal Implications, 15<sup>th</sup> Finance Commission, Government of India, New Delhi.  
<https://fincomindia.nic.in/ShowContent.aspx?uid1=11&uid2=6&uid3=0&uid4=0>
- Obesity and Overweight in Children and Adolescents (0-19) in India: A Landscape Study 2020  
[https://anemiamukt Bharat.info/wp-content/uploads/2021/06/India-Childhood-Obesity\\_24-06-2021.pdf](https://anemiamukt Bharat.info/wp-content/uploads/2021/06/India-Childhood-Obesity_24-06-2021.pdf)

### National Health Mission (NHM) PIP Policy Reports submitted to States

Project Team: Population Research Centre, Institute of Economic Growth, Delhi  
Project Funding: Ministry of Health and Family Welfare (MoHFW), Govt. of India

**2012-13**

Delhi: North Delhi, North-East Delhi, West Delhi and South-West Delhi  
Uttarakhand: Bageshwar, Dehradun, Pithoragarh, Haridwar and Nainital

**2013-14**

Rajasthan: Jalor, Dungarpur and Banswara  
Uttarakhand: Pauri Garhwal

**2014-15**

Rajasthan: Kota and Sawai Madhopur  
Madhya Pradesh: Chhattarpur and Panna

**2015-16**

Sikkim: North Sikkim and West Sikkim  
Uttar Pradesh: Bijnor, Farrukhabad, Mainpuri, Moradabad and Ghaziabad

**2016-17**

Rajasthan: Jaipur, Nagaur, Sikar,  
Haryana: Mahendragarh, Jhajjar  
Delhi: North East Delhi  
Uttar Pradesh: Muzaffarnagar

**2018-19**

Uttarakhand: Dehradun, Udham Singh Nagar and Haridwar  
Uttar Pradesh: Shamli, Saharanpur, Rampur, Jyotiba Phule Nagar and Sambhal

**2019-20**

Delhi: South, South East, South West  
Rajasthan: Churu, Jhunjhunu, Sikar, Pali, Hanumangarh, Tonk, Sawai Madhopur,  
Uttarakhand: Champawat, Tehri Garhwal  
Uttar Pradesh: Bagpat, Ghazipur, Kanpur Nagar, Kanpur Dehat, Mohoba, Moradabad, Chandauli, Hapur,  
Hardoi, Meerut, Muzaffarnagar, Sonbhadra.

**2021-22**

Delhi: South-West Delhi  
Uttar Pradesh: Amroha, Sambhal, Saharanpur

**2022-23**

Delhi: Central Delhi, New Delhi  
Uttar Pradesh: Ghaziabad, Hapur

**2023-24**

Delhi: South-West Delhi  
Uttar Pradesh: Farrukhabad, Etah, Shahjahanpur

**PUBLICATIONS**

**International Journals**



- Naiwen Ji, Abhishek Kumar, William Joe, Rebecca Kuriyan, Vani Sethi, Julia L. Finkelstein and Saurabh Mehta. (2024). Prevalence and Correlates of Double and Triple Burden of Malnutrition among Children and Adolescents in India: Comprehensive National Nutrition Survey, *Journal of Nutrition* (*forthcoming*)  
<https://doi.org/10.1016/j.tjnut.2024.08.021>
- U S Mishra, Suryakant Yadav and William Joe. (2024). The Ayushman Bharat Digital Mission of India: An Assessment, *Health Systems and Reform* (*forthcoming*)
- Choedon, Tashi, Eilise Brennan, William Joe, Natasha Lelijveld, Oliver Huse, Christina Zorbas, Kathryn Backholer, Zivai Murira, Stephanie V. Wrottesley, and Vani Sethi. "Nutritional status of school-age children (5–19 years) in South Asia: A scoping review." *Maternal & Child Nutrition* (2023): e13607.  
<https://doi.org/10.1111/mcn.13607>
- Subramanian, S. V., & Joe, W. (2024). Population, health and nutrition profile of the Scheduled Tribes in India: a comparative perspective, 2016–2021. *The Lancet Regional Health-Southeast Asia*, 20.  
<https://doi.org/10.1016/j.lansea.2023.100266>
- Sethi, Vani, Shalini Bassi, Deepika Bahl, Abhishek Kumar, Tashi Choedon, Neena Bhatia, Arjan de Wagt, William Joe, and Monika Arora. "Prevalence of overweight and obesity and associated demographic and health factors in India: Findings from Comprehensive National Nutrition Survey (CNNS)." *Pediatric Obesity* (2024): e13092.  
<https://doi.org/10.1111/ijpo.13092>
- Chakraborty, R., Joe, W., Shankar Mishra, U., & Rajpal, S. (2024). Integrated child development service (ICDS) coverage among severe acute malnourished (SAM) children in India: A multilevel analysis based on national family health survey-5. *Plos one*, 19(2), e0294706.  
<https://doi.org/10.1371/journal.pone.0294706>
- Subramanian, S. V., Ambade, M., Kumar, A., Chi, H., Joe, W., Rajpal, S., & Kim, R. (2023). Progress on Sustainable Development Goal indicators in 707 districts of India: a quantitative mid-line assessment using the National Family Health Surveys, 2016 and 2021. *The Lancet Regional Health-Southeast Asia*.  
<https://doi.org/10.1016/j.lansea.2023.100155>
- Joe, W., Alambusha, R., Vijayan, B., Sabarisakthi, M., Surwade, S., Kumar, A., ... & Banerjee, K. Functioning of community sanitary complexes in rural India: insights into selected states. *Journal of Water, Sanitation and Hygiene for Development*. Vol. 13(6) June.  
<https://doi.org/10.2166/washdev.2023.066>
- Sethi, Vani, Archana Mishra, K. S. Ahirwar, A. P. Singh, Sameer Pawar, Pushpa Awasthy, Ankita Tiwari, Avi Saini, Narendra Patel, Abhishek Kumar, Tashi Choedan, Mansi Shekhar & William Joe. (2023). "Integrating an algorithmic and health systems thinking approach to improve the uptake of government antenatal nutrition services in Vidisha, Madhya Pradesh (India), 2018 to 2021." *Health Policy and Planning* (2023): 38(4) 454-63.  
<https://doi.org/10.1093/heapol/czad011>

- Mondal, Sudipta, William Joe, Santosh Akhauri, Putul Thakur, Abhishek Kumar, Narottam Pradhan, Prasann Thatte, Rakesh Kumar Jha, Apolenarius Purty, and Indrajit Chaudhuri. (2023). "Association of BCC Module Roll-Out in SHG meetings with changes in complementary feeding and dietary diversity among children (6–23 months)? Evidence from JEEViKA in Rural Bihar, India." *PLOS One* 18, no. 1: e0279724.  
<https://doi.org/10.1371/journal.pone.0279724>
- Ahmad, Khobaib, Jitendra Singh, Ruby Alambusha Singh, Abhimanyu Saxena, Mini Varghese, Sebanti Ghosh, Sumitro Roy, Kapil Yadav, William Joe, and Narendra Patel. (2023). "Public health supply chain for iron and folic acid supplementation in India: Status, bottlenecks and an agenda for corrective action under Anemia Mukht Bharat strategy." *PLOS One* 18, no. 2 (2023): e0279827.  
<https://doi.org/10.1371/journal.pone.0279827>
- Scott, Samuel, Anwasha Lahiri, Vani Sethi, Arjan de Wagt, Purnima Menon, Kapil Yadav, Mini Varghese, William Joe, Sheila C. Vir, and Phuong Hong Nguyen (2022), Anaemia in Indians aged 10–19 years: Prevalence, burden and associated factors at national and regional levels. *Maternal & Child Nutrition* (2022): e13391.  
<https://doi.org/10.1111/mcn.13391>
- William Joe, Rinju Vishwakarma, Narendra Patel, Ruby Alambusha, Bharati Kulkarni, Kapil Yadav, Vani Sethi (2022) Coverage of Iron and Folic Acid (IFA) Supplementation among Pregnant and Lactating Women, Children and Adolescents in India: Progress under Anemia Mukht Bharat (AMB) Strategy, 2017-18 to 2019-20, *Health Policy and Planning*, 37(5): 597-606.  
<https://doi.org/10.1093/heapol/czac015>
- Gausman, J., Kim, R., Li, Z., Tu, L., Rajpal, S., Joe, W., & Subramanian, S. V. (2022). Comparison of child undernutrition anthropometric indicators across 56 low-and middle-income countries. *JAMA Network Open*, 5(3), e221223.  
[doi:10.1001/jamanetworkopen.2022.1223](https://doi.org/10.1001/jamanetworkopen.2022.1223)
- Avi Saini, Ritwik Shukla, William Joe, Avani Kapur and Vani Sethi (2021). Improving planning and budgeting for nutrition interventions in the health sector: Evidence from the Anemia Mukht Bharat (AMB) Strategy of India. *Maternal and Child Nutrition*: 18(2).  
<https://onlinelibrary.wiley.com/doi/full/10.1111/mcn.13253>
- Kumar, A., Rajpal, S., Alambusha, R., Sharma, S., & Joe, W. (2021). Can Anganwadi Services Strengthening Improve the Association between Maternal and Child Dietary Diversity? Evidence from Project Spotlight implemented in tribal dominated Gadchiroli and Chandrapur districts of Maharashtra, India. *PLOS One*. 17(3): e0264567  
<https://doi.org/10.1371/journal.pone.0264567>
- Rajpal, S., Kumar, A., Alambusha, R., Sharma, S., & Joe, W. (2021). Maternal dietary diversity during lactation and associated factors in Palghar district, Maharashtra, India. *PLOS One*, 16(12), e0261700.  
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0261700>
- Choedon, Tashi, Vani Sethi, Ranadip Chowdhury, Neena Bhatia, Konsam Dinachandra, Zivai Murira, Arti Bhanot et al. "Population estimates and determinants of severe maternal thinness in India." *International Journal of Gynecology & Obstetrics*, 155, no. 3 (2021): 380-397.  
<https://obgyn.onlinelibrary.wiley.com/doi/full/10.1002/ijgo.13940>

- Mayanka Ambade, William Joe and S V Subramanian (2021). Children's education and level of health care utilization among parents: a pooled cross-sectional study from national population-based survey in India. *GeroScience* (forthcoming).  
<https://doi.org/10.1007/s11357-021-00415-0>
- Bevin Vijayan, Mala Ramanathan, Sukanya Rangamani, William Joe, Sandeep G, Udaya Shankar Mishra (2021). Treatment and Rehabilitation of Stroke Patients in India: A Gendered Analysis based on Repeated Cross-Sectional National Sample Surveys on Health, 2014 and 2019. *Health Care for Women International*, vol. 42(11) pp. 1237-1254  
<https://doi.org/10.1080/07399332.2021.1931226>
- William Joe, Abhishek Kumar, Sunil Rajpal, Archa Misra, Ruby Alambusha, Smriti Sharma and S. V. Subramanian (2021). Infrastructure for Delivery of Integrated Child Development Services (ICDS) and Uptake of Pre-School Education Services: Insights from Palghar, India, *Journal of Development Policy and Practice*, 6(1).  
<https://doi.org/10.1177%2F2455133321999852>
- Smita, Rajpal, S., Lu, S. Y., & Joe, W. (2021). Why market orientation matters for agriculture and fishery workers? Unravelling the association between households' occupational background and caloric deprivation in India. *BMC Public Health*, 21(1), 1-13.  
<https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-021-10644-9>
- Joe, W., & Verma, A. K. Association of basic vaccination with cognitive and learning ability among children: insights from the India Human Development Survey, 2004–05 and 2011–12. *Journal of Biosocial Science*, 1-14.  
<https://doi.org/10.1017/S0021932020000760>
- Rajpal S, Kim J, Joe W, Kim R, Subramanian S. V. (2021). Small area variation in child undernutrition across 640 districts and 543 parliamentary constituencies in India. *Scientific Reports*, 11: 4558.  
<https://doi.org/10.1038/s41598-021-83992-6>
- Rajpal, S., Kim, R., Joe, W., & Subramanian, S. V. (2020). Does the Choice of Metric Matter for Identifying Areas for Policy Priority? An Empirical Assessment using Child Undernutrition in India, *Social Indicators Research*.  
<https://link.springer.com/article/10.1007/s11205-020-02467-9>
- Rockli Kim, Lathan Liou, Yun Xu, Rakesh Kumar, George Leckie, Mudit Kapoor, R Venkataramanan, Alok Kumar, William Joe, S V Subramanian (2020). Precision-weighted estimates of neonatal, postneonatal and child mortality for 640 districts in India, National Family Health Survey 2016, *Journal of Global Health*, Vol. (10) No.2.  
<http://www.jogh.org/documents/issue202002/jogh-10-020405.pdf>
- Berenike, T, N. Sudharsanan, O. Karlsson, W. Joe, S.V. Subramanian & Jan-Walter De Neve (2020) Children's education and parental old-age health: Evidence from a population-based, nationally representative study in India, *Population Studies*. Vol. 75(1) 51-66.  
<https://www.tandfonline.com/doi/full/10.1080/00324728.2020.1775873>

- Rajpal, S., Joe, W., & Subramanian, S. V. (2020). Living on the edge? Sensitivity of child undernutrition prevalence to bodyweight shocks in the context of the 2020 national lockdown strategy in India. *Journal of Global Health Science*, 2(2).  
<https://e-jghs.org/Synapse/Data/PDFData/9986JGHS/jghs-2-e19.pdf>
- Rajpal, S., Kim, R., Joe, W., & Subramanian, S. V. (2020). Stunting among Preschool Children in India: Temporal Analysis of Age-Specific Wealth Inequalities. *International Journal of Environmental Research and Public Health*, 17(13), 4702.  
<https://www.mdpi.com/1660-4601/17/13/4702>
- Joe, W., Kumar, A., Rajpal, S., Mishra, U. S., & Subramanian, S. V. (2020). Equal risk, unequal burden? Gender differentials in COVID-19 mortality in India. *Journal of Global Health Science*, 2(1).  
<https://pc.e-jghs.org/DOIX.php?id=10.35500/jghs.2020.2.e17>
- Rajpal, S., Joe, W., Subramanyam, M. A., Sankar, R., Sharma, S., Kumar, A., & Subramanian, S. V. (2020). Utilization of Integrated Child Development Services in India: Programmatic Insights from National Family Health Survey, 2016. *International Journal of Environmental Research and Public Health*, 17(9), 3197.  
<https://www.mdpi.com/1660-4601/17/9/3197>
- Rajpal, S., Joe, W., Kim, R., Kumar, A., & Subramanian, S. V. (2020). Child Undernutrition and Convergence of Multisectoral Interventions in India: An Econometric Analysis of National Family Health Survey 2015–16. *Frontiers in Public Health*, 8.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7188776/pdf/fpubh-08-00129.pdf>
- Liou, L., Joe, W., Kumar, A., & Subramanian, S. V. (2020). Inequalities in life expectancy: An analysis of 201 countries, 1950–2015. *Social Science & Medicine*, 112964.  
<https://www.sciencedirect.com/science/article/pii/S0277953620301830>
- Omar Karlsson, Rockli Kim, William Joe & S. V. Subramanian (2020) The relationship of household assets and amenities with child health outcomes: An exploratory cross-sectional study in India 2015–2016, *SSM – Population Health*, (10).  
<https://www.sciencedirect.com/science/article/pii/S2352827319302915>
- J M Perkins, S Chakrabarti, William Joe, H-Y Lee, J Heo, J-K Lee, J Oh and SV Subramanian (2019) Changes in socio-economic patterns of energy consumption and insufficient energy intake across India from 1993–94 to 2011–12, *Public Health Nutrition*, July 2019.  
<https://doi.org/10.1017/S1368980019001484>
- Rockli K, S Rajpal, William Joe, D J Corsi, R. Sankar, A Kumar & S V Subramanian (2019) Assessing associational strength of 23 correlates of child anthropometric failure: An econometric analysis of the 2015-2016 National Family Health Survey, India, *Social Science and Medicine*, 2019.  
<https://www.sciencedirect.com/science/article/pii/S0277953619303594>
- William Joe, S. Rajpal, Rockli K, A. Laxmaiah, R. Harikumar, N. Arlappa, I. Meshram, N. Balakrishna M. Radhika, S. Swaminathan and S.V. Subramanian (2019) Association between Anthropometric-based and Food-based Nutritional Failure among Children in India, 2015, *Maternal and Child Nutrition*, April 2019.  
<https://onlinelibrary.wiley.com/doi/abs/10.1111/mcn.12830>

- Rockli K, P.K. Pathak, Y Xu, William Joe, Alok Kumar, R. Venkataraman & S V Subramanian (2019) Micro-geographic targeting for precision public policy: Analysis of child sex ratio across 587,043 census villages in India, 2011, *Health and Place*, Volume 57 May 2019.  
<https://www.sciencedirect.com/science/article/abs/pii/S1353829218311675>
- Rockli K, A. Swaminathan, R. Kumar, Yun Xu, J C Blossom, R. Venkataraman, A. Kumar, William Joe & S V Subramanian (2019) Estimating the burden of child malnutrition across parliamentary constituencies in India: A methodological comparison, *SSM – Population Health*, (Vol. 7, Apr 2019).  
<https://www.sciencedirect.com/science/article/pii/S2352827318303732>
- Omar Karlsson, Rockli Kim, William Joe & S. V. Subramanian (2018) Socio-economic and Gender Inequalities in Neonatal, Postneonatal and Child Mortality in India: A repeated Cross-sectional Study, 2005-16, *Journal of Epidemiology and Community Health*, (doi: 10.1136/jech-2018-211569).  
<https://jech.bmj.com/content/early/2019/03/28/jech-2018-211569>
- Sutapa Agrawal, Rockli Kim, Jewel Gausman, Smriti Sharma, Rajan Sankar, William Joe & SV Subramanian (2018) Socio-economic Patterning of Food Consumption and Dietary Diversity among Indian Children: Evidence from NFHS-4, *European Journal of Clinical Nutrition*, (Feb 2019).  
<https://www.nature.com/articles/s41430-019-0406-0.pdf>
- William Joe, J. M. Perkins, & S. V. Subramanian (2018) Community Involvement, Trust, and Health-Related Outcomes among Older Adults in India: A Population-Based, Multilevel Cross-Sectional Study, *Age and Ageing*, 48(1): 87-93.  
<https://academic.oup.com/ageing/article/48/1/87/5149916>
- William Joe, J. M. Perkins, S. Kumar, S. Rajpal & S. V. Subramanian (2018) Institutional Delivery in India, 2004 – 2014: Unravelling the Equity-Enhancing Contributions of the Public Sector, *Health Policy and Planning*, 33(5):645-653.  
<https://academic.oup.com/heapol/advance-article/doi/10.1093/heapol/czy029/4962123>
- William Joe & S. Rajpal (2018) Unravelling the Socioeconomic Gradient in the Incidence of Catastrophic Health Care Expenditure: A Comment, *Health Policy and Planning*, 33(5):699-701.  
<https://academic.oup.com/heapol/advance-article/doi/10.1093/heapol/czy026/4956817>
- William Joe, A. Kumar & S. Rajpal (2018) Swimming against the Tide: Economic Growth and Demographic Dividend in India, *Asian Population Studies*, 14(2): 211-27.  
<https://www.tandfonline.com/doi/full/10.1080/17441730.2018.1446379>
- Sunil Rajpal, Abhishek & William Joe (2018) Economic burden of cancer in India: Evidence from cross-sectional nationally representative household survey, 2014, *PloS One*, 13(2): e0193320.  
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0193320>
- William Joe & S V Subramanian (2017) Subjective health and well-being: Toward robust cross-cultural comparisons, *SSM – Population Health*, 3: 814-16.  
<http://www.sciencedirect.com/science/article/pii/S2352827317301799>
- Rudra, S., Kalra, A., Kumar, A., & Joe, W. (2017). Utilization of alternative systems of medicine as health care services in India: Evidence on AYUSH care from NSS 2014. *PloS one*, 12(5), e0176916.  
<http://journals.plos.org/plosone/article/comments?id=10.1371/journal.pone.0176916>

- William Joe and U S Mishra (2017) Reckoning level differentials in the measurement of progress: An illustration in the context of deliveries assisted by skilled health personnel in LDCs, *Journal of International Development*, 29: 330-50.  
<http://onlinelibrary.wiley.com/doi/10.1002/jid.3207/abstract>
- R Rajaram, J Perkins, William Joe & SV Subramanian (2016) Individual and community levels of maternal autonomy and child undernutrition in India, *Intl Journal of Public Health*, 62(2): 327-35.  
<https://link.springer.com/article/10.1007/s00038-016-0850-8>
- William Joe, R Rajaram and S V Subramanian (2016) Understanding the null-to-small association between increased macroeconomic growth and reducing child undernutrition in India: role of development expenditures and poverty alleviation, *Maternal & Child Nutrition*, 12 (S1), pp. 196–209.  
<http://onlinelibrary.wiley.com/doi/10.1111/mcn.12256/full>
- William Joe, S Rudra and S V Subramanian (2015) Horizontal inequity in elderly health care utilization: Evidence from India, *Journal of Korean Medical Sciences*, 30: S155-166.  
<https://www.jkms.org/Synapse/Data/PDFData/0063JKMS/jkms-30-S2: S155.pdf>
- William Joe (2015) Distressed Financing of Household Out-of-Pocket Healthcare Payments in India: Incidence and Correlates, *Health Policy and Planning*, 30 (6): 728-741.  
<https://academic.oup.com/heapol/article-lookup/doi/10.1093/heapol/czu050>
- William Joe (2015) Intersectional Inequalities in Immunization in India 1992-93 to 2005-06: A Progress Assessment, *Health Policy and Planning*, 30 (4): 407-422.  
<https://academic.oup.com/heapol/article-lookup/doi/10.1093/heapol/czu023>
- William Joe, U. S. Mishra & K. Navaneetham (2013) Inter-Group Inequalities in Child Undernutrition in India: Group Analogue of Gini Coefficient and Atkinson’s Index, *Oxford Development Studies*, 41:2, 239-257.  
<http://www.tandfonline.com/doi/full/10.1080/13600818.2013.796353>
- Indrani Gupta & William Joe (2013) Refining Estimates of Catastrophic Healthcare Expenditure: An Application in the Indian Context, *International Journal of Health Care Finance & Economics*, 13(2): 157-72.  
<https://link.springer.com/article/10.1007/s10754-013-9125-6>
- Indrani Gupta, William Joe & Shalini Rudra (2013) HIV Prevention: Towards a ‘Structural-Plus’ Approach, *Health*, Vol.5(1), 102-108.  
<https://www.scirp.org/Journal/PaperInformation.aspx?PaperID=26858>
- Kirti Gaur, Kunal Keshri & William Joe (2013) Does living in slums or non-slums influence women’s nutritional status? Evidence from Indian mega-cities, *Social Science & Medicine* vol. 77.  
<http://www.sciencedirect.com/science/article/pii/S0277953612007666>
- U. S. Mishra, William Joe & R. N. Mishra (2011), Towards Making Comparison of Dichotomous Measures Robust: A Case of Calorie Under nourishment, *Empirical Economics Letters* 10(3): 259-67.  
<http://www.eel.my100megs.com/volume-10-number-3.htm>
- William Joe, U. S. Mishra & K. Navaneetham (2010), Socioeconomic Inequalities in Child Health: Recent Evidence from India, *Global Public Health*, vol. 5(5) pp.493-508.

<http://www.tandfonline.com/doi/full/10.1080/17441690903213774>

- U. S. Mishra & William Joe (2010), Defining poor to defining rich: Gauging the middle class in India, *Economics Bulletin* Vol. 30 no.4 pp. 3321-28.  
<http://www.accessecon.com/Pubs/EB/2010/Volume30/EB-10-V30-I4-P307.pdf>
- U. S. Mishra & William Joe (2010), Socioeconomic inequalities in childhood undernutrition in India: An application of the corrected concentration index, *Economics Bulletin* Vol.30.(1) p.847-54.  
<http://www.accessecon.com/Pubs/EB/2010/Volume30/EB-10-V30-I1-P79.pdf>
- William Joe, U. S. Mishra & K. Navaneetham (2009), Inequalities in Childhood Malnutrition in India: Some Evidence on Group Disparities, *Journal of Human Development & Capabilities* 10(3) pp. 417-39.  
<http://www.tandfonline.com/doi/abs/10.1080/19452820903048886>

### National Journals

- William Joe, Ajit Kumar Yadav, Sunil Rajpal, Kapil Yadav and Preetu Mishra. (2024). Receipt (or Purchase) and Consumption of IFA Supplements among Pregnant Women Insights from NFHS (2015-16 and 2019-21), India, *Economic and Political Weekly* (September 7, 2024 Vol LIX (36))  
<https://www.epw.in/journal/2024/36>
- William Joe and Ajay Kumar Verma. (2021). Relationship between Birth Spacing and Neonatal Deaths and Low Birth Weight in India from 1992 to 2016, *Demography India*, Vol. 50, Special Issue (2021), pp. 134-146  
<https://demographyindia.iasp.ac.in/>
- Sayeed Unisa, Laxmikant Dwivedi, Tejal Lakhan, William Joe, Vaishali Chaurasia, Nandini Roy and Prakash Fulpagare, (2021) A Longitudinal Assessment of Correlates of Linear Growth and Stunting Status in Maharashtra, India, *Journal of Family Welfare*, vol. 64, special issue, pp.1-17.
- Rajeev Sharma, Sandip Surwade and William Joe, (2021) Trends in nutritional security: An analysis of Indian states, *Journal of Agricultural Development and Policy*, 29(2), pp.105-19.  
<http://isadp.in/publication/a1.pdf>
- Sunil Rajpal, Rockli Kim, Rajan Sankar, Alok Kumar, William Joe, and S V Subramanian, Frequently asked questions on child anthropometric failure in India, *Economic and Political Weekly*, 55(6), Feb 8, 2020  
<https://www.epw.in/journal/2020/6/national-family-health-survey-4/frequently-asked-questions-child-anthropometric.html>
- U S Mishra and William Joe, Household assets and wealth quintiles, India 2006-16: Insights on Economic Inequalities, *Economic and Political Weekly*, 55(6), Feb 8, 2020  
<https://www.epw.in/journal/2020/6/national-family-health-survey-4/household-assets-and-wealth-quintiles-india-2006.html>
- J C Blossom, A. Swaminathan, William Joe, Rockli K & S V Subramanian (2019), Robust Parliamentary Constituency Estimates: Geographic Data Science Approaches, *Economic and Political Weekly*. May, 54(19): 66-70.  
<https://www.epw.in/journal/2019/19/discussion/robust-parliamentary-constituency-estimates.html>

- A. Swaminathan, Rockli K, J C Blossom, William Joe, A. Kumar, R. Venkataraman & S V Subramanian (2019), Burden of Child Malnutrition in India: A View from Parliamentary Constituencies, *Economic and Political Weekly*, January, 54(2): 44-52.  
<https://www.epw.in/journal/2019/2/special-articles/burden-child-malnutrition-india.html>
- William Joe, Shalini Rudra, Sunil Rajpal & S V Subramanian (2018) Persistent intersectional inequalities in the prevalence of childhood stunting in India: Evidence from NFHS 2005-06 and 2015-16, *IER Journal of Health and Demography*, 4(1), pp. 24-37
- William Joe, Shalini Rudra, U. S. Mishra and M. Ramanathan (2018), Social Choice and Political Economy of Health: Reflections on the National Health Policy, 2017, *Economic and Political Weekly*, July, 53(28): 83-91.  
<https://www.epw.in/journal/2018/28/special-articles/social-choice-and-political-economy.html>
- William Joe and Sunil Rajpal (2018), Measuring Catastrophic Health Care Expenditure, *Economic and Political Weekly*, March, 53(32): 22-25.  
<https://www.epw.in/journal/2018/32/commentary/measuring-catastrophic-healthcare.html>
- Sunil Rajpal & William Joe (2017), On Convergence Puzzle, *Economic and Political Weekly*, March, 52(12): 149-50.  
<http://www.epw.in/journal/2017/12/commentary/convergence-puzzle.html>
- William Joe (2013) Health Inequalities, Level Differentials & Progress Assessment: Case of Measles Vaccination Coverage in India, *Artha Vijnana*, 55(1):56-70.  
<http://dspace.gipe.ac.in/xmlui/handle/10973/40884>
- William Joe, U. S. Mishra & K. Navaneetham (2008), Health Inequality in India: Evidence from NFHS 3, *Economic and Political Weekly*, August. 43(31): 41-47.  
<http://www.epw.in/journal/2008/31/special-articles/health-inequality-india-evidence-nfhs-3.html>
- William Joe (2008), Strategy of Zoning in Marine Fisheries: Evidence from Kerala, *Economic and Political Weekly*, March. 43(9): 61-69.  
<http://www.epw.in/journal/2008/09/special-articles/strategy-zoning-marine-fisheries-evidence-kerala.html>
- Amarendra Das & William Joe (2008), Community participation in monitoring coal production, *Economic and Political Weekly*, February. 43(6): 77-79.  
<http://www.epw.in/journal/2008/06/discussion/community-participation-monitoring-coal-production.html>
- Maria Rodrigues, Prabhat Kumar, William Joe and Solano Da Silva (2004), Goa: A fractured mandate, *Economic and Political Weekly*, December. 39(51): 5532-35.  
<http://www.epw.in/journal/2004/51/special-articles/goa-fractured-mandate.html>

### Edited Book

- William Joe. (2024). Disease and Disability (Edited Book under the Series - Handbook of Aging, Health and Public Policy, Series Editor: S Irudaya Rajan, Springer Nature, *(forthcoming)*)



- Suresh Sharma & William Joe (2014) *National Rural Health Mission: An Unfinished Agenda*, Bookwell Publishers, Delhi.  
<http://www.bookwellpublications.com/Search.aspx?val=national%20rural%20health%20mission>

### Book Chapters

- Joe, W. (2024). Introduction: Disease and Disability in William Joe (ed) *Disease and Disability* (under the Series - Handbook of Aging, Health and Public Policy, Series Editor: S Irudaya Rajan), Springer Nature.
- Kumar, R., Kumar, A., Rajpal, S., & Joe, W. (2024). Underweight and Overweight Prevalence Among Indian Women. In *Atlas of Gender and Health Inequalities in India* (pp. 17-27). Cham: Springer Nature Switzerland.  
[https://link.springer.com/chapter/10.1007/978-3-031-47847-5\\_2](https://link.springer.com/chapter/10.1007/978-3-031-47847-5_2)
- Sunil Rajpal, Tulika Tripathi and William Joe. (2024). Ayushman Bhava: Unraveling Socioeconomic Inequalities in Survival Among Elderly in India, in S Irudaya Rajan (ed) *Handbook of Aging, Health and Public Policy*, Springer Nature, (*forthcoming*).
- William Joe. (2024). Introduction: Disease and Disability, in S Irudaya Rajan (ed) *Handbook of Aging, Health and Public Policy* (*forthcoming*)
- Manoj Panda, Abhishek and William Joe. (2024). Growth Matters? Revisiting the Enigma of Child Undernutrition in India, in P. P. Ghosh, R. Talwar and S. S. Velagapudi (Eds) *Practical Economic Analysis and Computation: A Festschrift in Honor of Professor Kirit Parikh*, Springer Nature, October 2024 (*forthcoming*)
- M N Murty, Manoj Panda, and William Joe “Estimating social time preference rate for India”, M N Murty and Surender Kumar (eds) *Three Pillars: Government, market and communities for environment management* (2023): 313-337, Academic Foundation, Gurugram, India.
- William Joe, P. Joshi and S. Rajpal (2020) *Private Sector in Health*, A. Mehdi and S. I. Rajan (eds) *Health of the Nation: Perspectives for a New India*, Oxford University Press, New Delhi.  
<https://india.oup.com/product/health-of-the-nation-9780199499830>
- N. Saikia, A. Saha, J. K. Bora and William Joe (2020) *Immigration and Bengali Population in Assam: Evidence from Direct and Indirect Demographic Estimation*, Chattopadhyay, A., and Ghosh, S (eds) *Population Dynamics in Eastern India and Bangladesh: Demographic, Health and Developmental Issues*, Springer Nature, Singapore.  
<https://www.springer.com/gp/book/9789811530449>
- William Joe (2019), *Health Insurance Coverage in India: Insights for National Health Protection Scheme*, in *The Impact Assessment of Selected Healthcare Policies in India: A Compendium of Studies Conducted by the Population Research Centres 2018-19*, Ministry of Health and Family Welfare, Government of India, New Delhi. pp. 163-172.  
<http://prc.mohfw.gov.in/pdf/files/5%20Impact%20Assessment%20of%20Selected%20Healthcare%20Policies%20in%20India%202018-19.pdf>
- William Joe (2019), *Changes in Socio economic Gradient of Diabetes and Hypertension Cases in India: Evidence from NSS 2004 and 2014*, in *the Contemporary Issues of Health and Development in*

*India: A Compendium of Studies Conducted by the Population Research Centres 2017-18*, Ministry of Health and Family Welfare, Government of India, New Delhi. pp. 140-147.

<http://prc.mohfw.gov.in/pdf/files/4%20The%20Contemporary%20Issues%20of%20Health%20and%20Development%20in%20India%202017-18.pdf>

- Abhishek Kumar & William Joe (2018) The Multiplier Effect of Developmental and Non-developmental Expenditure in India, in R. P. Kanungo (ed) *Changing the Indian Economy*, Elsevier. <https://www.elsevier.com/books/changing-the-indian-economy/kanungo/978-0-08-102005-0>
- Niranjan Rout and William Joe (2018), Nutritional Status of School-Aged Children and Adolescents in EAG States and Assam: Prevalence, Patterns and Policy Options, in *Emerging Issues in Maternal, Neonatal and Child Health: A Compendium of Studies Conducted by the Population Research Centres 2016-17*, Ministry of Health and Family Welfare, Government of India, New Delhi. pp. 149-168. <http://prc.mohfw.gov.in/pdf/files/3%20Emerging%20Issues%20in%20Maternal,%20Neonatal%20and%20Child%20Health%20in%20India%202016-17.pdf>
- William Joe, A. K. Dash & P. Agarwal (2017) Demographic Dividend and Economic Growth in India and China, in P. Agarwal (ed) *Sustaining Growth in India*, Cambridge University Press, New Delhi. <http://www.cambridgeindia.org/books/searchedbook/Sustaining-High-Growth-in-India/9781107181953>
- William Joe, A Kalra, Abhishek and S Sharma (2017), A Mixed Method Study on Knowledge, Awareness and Practices regarding Tuberculosis: Insights from Community and RNTCP Personnel in Delhi and Muzaffarnagar, in N Gogoi, P M Nair and S Nair (eds) *Critical Issues in Maternal and Child Health in India: A Compendium of Studies Conducted by the Population Research Centres 2015-16*, Ministry of Health and Family Welfare, Government of India, New Delhi. pp. 83-102. <http://prc.mohfw.gov.in/pdf/files/2%20Critical%20Issues%20in%20Maternal%20and%20Child%20Health%20in%20India%202015-16.pdf>
- William Joe (2017), Healthcare Utilisation among the Elderly in India: Does Family Matter? in U S Mishra & S I Rajan (Eds) *India's Aged: Needs and Vulnerabilities*, Orient BlackSwan Private Limited, Hyderabad. pp. 84-113. <http://www.orientblackswan.com/BookDescription?isbn=978-93-86689-57-3&t=e>
- William Joe, Aakshi Kalra and Manoj Panda (2016) Policy Impact: Evidence on Central Government Policies, in S Thorat and S Verma (Eds) *Social Science Research in India: Status and Policies*, ICSSR, Oxford University Press, New Delhi. pp.343-88. <http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780199474417.001.0001/acprof-9780199474417>
- William Joe, Abhishek Kumar and U S Mishra (2016) Elderly Inpatient Care Utilization and Financing in India: Is There a Gender Difference? T Samanta (Ed): *Cross-Cultural and Cross-Disciplinary Perspectives in Social Gerontology*, Springer. pp. 245-70. <https://link.springer.com/book/10.1007/978-981-10-1654-7>
- William Joe, A K Dash, P Agarwal (2016), Demographic Transition, Savings and Economic Growth in China and India: A Note, in C R K Nair and K S James (Eds) *Maternal and Child Health in India: A Compendium of Studies Conducted by the Population Research Centres*, Ministry of Health and Family Welfare, Government of India, New Delhi. pp.3-18.

<http://prc.mohfw.gov.in/pdf/files/1%20Maternal%20and%20Child%20Health%20in%20India%202014-15.pdf>

- William Joe, S Sharma, J Sharma, Y M Shanta, M Ramanathan, U S Mishra and B Subha Sri (2016), Reducing Maternal Mortality in India: An Unfinished Agenda, in C R K Nair and K S James (Eds) *Maternal and Child Health in India: A Compendium of Studies Conducted by the Population Research Centres*, Ministry of Health & Family Welfare, Government of India, New Delhi. pp.33-50. <http://prc.mohfw.gov.in/pdf/files/1%20Maternal%20and%20Child%20Health%20in%20India%202014-15.pdf>
- Y M Shanta, J Sharma and William Joe (2015), Yashodas for Mother and Newborn Care Coordination in EAG States: A Note, in S Sharma (Ed) *Maternal and Child Health in India: Policies and Challenges*, Bookwell Publishers, Delhi. pp.127-40. <http://www.bookwellpublications.com/Search.aspx?val=Health>
- William Joe & U. S. Mishra (2012), Inequalities in Access to Safe Drinking Water, Sanitation and Childhood Undernutrition in India in A Prakash et al (Eds) *Interlacing Water and Human Health: Case Studies from South Asia*, SAGE Publications. New Delhi. pp.94-114. <https://in.sagepub.com/en-in/sas/interlacing-water-and-human-health/book237725#contents>
- Indrani Gupta, Mayur Trivedi, Shalini Rudra, William Joe, Benoy Peter & Ravi Subbiah (2012), Implications and Feasibility of Commercial Health Insurance for People Living with HIV in India in J P Narain (Ed) *Three Decades of HIV/AIDS in Asia*, SAGE Publications. New Delhi. pp.386-406. <https://in.sagepub.com/en-in/sas/three-decades-of-hiv-aids-in-asia/book239720>
- William Joe, P. Samaiyar & U. S. Mishra (2011) On examining migration-poverty nexus in Urban India, in S I Rajan (ed) *Migration, Identity and Conflict: Indian Migration Report - 2011*, Routledge - Taylor and Francis Group. pp. 236-56. <http://www.tandfebooks.com/isbn/9780203085264>
- William Joe, U. S. Mishra & K. Navaneetham (2010), Health Inequality in India: Evidence from NFHS 3, in S. C. Gulati (Ed) *Population, Health and Human Resources in India's Development*, Academic Foundation, New Delhi, pp. 253-92. <https://www.amazon.in/Population-Health-Resources-Indias-Development/dp/8171887856>
- P. Samaiyar & William Joe (2010), Implications of declining sex ratio on marriage squeeze of India, in T V Sekher and N. Hatti (Eds) *Unwanted Daughters: Gender Discrimination in Modern India*, Rawat Publications. pp.205-21. <https://www.rawatbooks.com/women-studies/unwanted-daughters-gender-discrimination-in-modern-india>
- William Joe (2009), The Strategy of Zoning Amidst Resource Degradation, in Y S Sisodia (Ed) *India's Development Scenario: Challenges and Prospects*, Rawat Publications, Jaipur. pp.245-64. <https://www.rawatbooks.com/development/indias-development-scenario-challenges-and-prospects>

#### Working Papers/Discussion Papers/Policy Brief

- Saroj Kumar, Abhishek Kumar, Rakesh Kumar and William Joe (2021) Social Demographics and Health Achievements: An Ecological Analysis of Institutional Delivery and Immunization Coverage in India, IEG Working Paper No.427, April 2021, Institute of Economic Growth, Delhi. [http://iegindia.org/upload/profile\\_publication/doc-120421\\_142426WP427.pdf](http://iegindia.org/upload/profile_publication/doc-120421_142426WP427.pdf)

- Kachwaha, S., R. Avula, P. Menon, V. Sethi, W. Joe, and A. Laxmaiah. 2021. Improving Maternal Nutrition in India Through Integrated Hot-Cooked Meal Programs: A Review of Implementation Evidence. POSHAN Report No 14. New Delhi: International Food Policy Research Institute.  
<https://poshan.ifpri.info/2021/05/25/improving-maternal-nutrition-in-india-through-integrated-hot-cooked-meal-programs-a-review-of-implementation-evidence/>
- Manoj Panda, Abhishek Kumar and William Joe (2021) Growth Matters? Revisiting the Enigma of Child Undernutrition in India, IEG Working Paper No.418, February 2021, Institute of Economic Growth, Delhi.  
[http://iegindia.org/upload/profile\\_publication/doc-030221\\_113242WP418.pdf](http://iegindia.org/upload/profile_publication/doc-030221_113242WP418.pdf)
- Abhishek Kumar and William Joe (2020) Cost-Benefit Analyses of Nutrition Interventions in India's Policy Framework, IEG Working Paper No.406, August 2020, Institute of Economic Growth, Delhi.  
[http://www.iegindia.org/upload/profile\\_publication/doc-190820\\_174628wp406.pdf](http://www.iegindia.org/upload/profile_publication/doc-190820_174628wp406.pdf)
- William Joe, Abhishek, Rakesh Kumar, Sunil Rajpal and S V Subramanian (2020) COVID-19 in India: Epidemic growth and impact on maternal and child health, IEG Insights 2020 - Fighting COVID-19: Assessments and Reflections, May 2020.  
<http://www.iegindia.org/newsdetail/387>
- M N Murty, Manoj Panda and William Joe, Estimating Social Time Preference Rate for India: Lower Discount Rates for Climate Change Mitigation and other Long Run Investment Projects, IEG Working Paper No.388, March 2020, Institute of Economic Growth, Delhi.  
[http://www.iegindia.org/upload/profile\\_publication/doc-310320\\_153806wp388.pdf](http://www.iegindia.org/upload/profile_publication/doc-310320_153806wp388.pdf)
- William Joe, Abhishek and S V Subramanian (2018) Analysis of nutrition interventions within India's policy framework: Benefit-Cost Analysis Rajasthan, Rajasthan Priorities, Copenhagen Consensus Center, 2018.  
[https://www.copenhagenconsensus.com/sites/default/files/raj\\_nutrition\\_formatted.pdf](https://www.copenhagenconsensus.com/sites/default/files/raj_nutrition_formatted.pdf)
- William Joe, Abhishek and S V Subramanian (2018) Analysis of nutrition interventions within India's policy framework: Benefit-Cost Analysis Andhra Pradesh, Andhra Pradesh Priorities, Copenhagen Consensus Center, 2018.  
[https://www.copenhagenconsensus.com/sites/default/files/ap\\_nutrition\\_formatted.pdf](https://www.copenhagenconsensus.com/sites/default/files/ap_nutrition_formatted.pdf)
- Karlsson, Omar, Kim, Rockli, Joe, William, and Subramanian, SV. "Socioeconomic and gender inequalities in neonatal, postneonatal, and child mortality in India: A repeated cross-sectional study, 2005-2016" (September 2018). Harvard Center for Population and Development Studies Working Paper, Vol. 18, No, 1.  
<https://www.hsph.harvard.edu/population-development/research-focal-areas/working-papers/harvard-pop-center-working-paper-series/>
- William Joe (2017), Risking life for life: Maternal deaths in poll bound states, Health Express, Observer Research Foundation, New Delhi.  
<http://www.orfonline.org/expert-speaks/risking-life-life-maternal-deaths-poll-bound-states/>
- N Saikia, A Saha, J K Bora and William Joe (2016) Trends in immigration from Bangladesh to Assam, 1951-2001: Evidence from Direct and Indirect Demographic Estimation, Working Paper 91, International Migration and Diaspora Studies, Jawaharlal Nehru University, New Delhi.

- Mishra, U. S., Rajan, S. I., William Joe, & Mehdi, A. (2016). Surveillance of chronic diseases: challenges and strategies for India. Working Paper 322, Indian Council for Research on International Economic Relations (ICRIER), New Delhi.  
[https://icrier.org/pdf/Working\\_Paper\\_322.pdf](https://icrier.org/pdf/Working_Paper_322.pdf)
- Mishra, U. S., Rajan, S. I., William Joe, & Mehdi, A. (2016). Surveillance of chronic diseases: challenges and strategies for India. HPI Policy Brief 4, Indian Council for Research on International Economic Relations (ICRIER), New Delhi.  
[http://icrier.org/pdf/Surveillance\\_of\\_chronic\\_diseases\\_Policy\\_Brief.pdf](http://icrier.org/pdf/Surveillance_of_chronic_diseases_Policy_Brief.pdf)
- William Joe, B Subha Sri, J Sharma, Y M Shanta and S Sharma (2015) Strategies for Safe Motherhood in Tamil Nadu: A Note, Working Paper 357, Institute of Economic Growth, Delhi.  
<http://www.iegindia.org/upload/publication/Workpap/wp357.pdf>
- William Joe, S Sharma, J Sharma, Y M Shanta, M Ramanathan, U S Mishra and B Subha Sri (2015) Maternal Mortality in India: A Review of Trends and Patterns, Working Paper 353, Institute of Economic Growth, Delhi.  
<http://www.iegindia.org/upload/publication/Workpap/wp353.pdf>
- William Joe and U S Mishra (2015) Reckoning level differentials in the measurement of progress: An illustration in the context of deliveries assisted by skilled health personnel in LDCs, Working Paper 352, Institute of Economic Growth, Delhi.  
<http://www.iegindia.org/upload/publication/Workpap/wp352.pdf>
- William Joe, A K Dash and P Agarwal (2015) Demographic transition & economic growth in China and India, Working Paper 351, Institute of Economic Growth, Delhi.  
<http://www.iegindia.org/upload/publication/Workpap/wp351.pdf>
- Indrani Gupta, William Joe, Shalini Rudra (2010) Demand Side Financing in Health: How far can it address the issue of low utilization in developing countries? Background paper No. 27, *World Health Report 2010*, Geneva.  
<http://www.who.int/healthsystems/topics/financing/healthreport/27DSF.pdf>
- William Joe & U. S. Mishra (2009) Household Out-of-Pocket Healthcare Expenditure in India Levels, Patterns and Policy Concerns, Working Paper 418, Centre for Development Studies, Trivandrum.  
<http://www.cds.edu/wp-content/uploads/2012/09/wp418.pdf>
- William Joe, P. Samaiyar and U. S. Mishra (2009) Migration and Urban Poverty in India: Some Preliminary Observations, Working Paper 414, Centre for Development Studies, Kerala India.  
<http://www.cds.edu/wp-content/uploads/2012/09/wp414.pdf>

## OP-EDS

- India lives in her villages, not districts  
<https://www.livemint.com/Opinion/fPriQPiSkdJb64UWW6mMZI/India-lives-in-her-villages-not-districts.html>
- India's continued impasse with child under-nutrition: many jolts and a ray of hopes  
<http://bwhealthcareworld.businessworld.in/article/India-s-Continued-Impasse-With-Child-Under-nutrition-Many-Jolts-And-A-Ray-Of-Hope/15-12-2020-353933/>

- NFHS shows stunting increased in ‘better-performing’ Kerala, Goa. India must not lose focus  
<https://theprint.in/opinion/nfhs-shows-stunting-increased-in-better-performing-kerala-go-india-must-not-lose-focus/566319/>
- Putting food at the centre of India’s nutrition agenda  
<https://www.thehindu.com/opinion/op-ed/putting-food-at-the-centre-of-indias-nutrition-agenda/article33358244.ece>
- Understanding why Kerala’s COVID caseload remains high  
<https://indianexpress.com/article/opinion/columns/understanding-why-keralas-covid-caseload-remains-high-7481081/>
- Combating anemia  
<http://odishapostpaper.com/edition/4241/orissa-post/page/6>
- Reducing anaemia in women could boost India’s GDP (August 14, 2024)  
<https://www.asianage.com/opinion/columnists/william-joe-reducing-anaemia-in-women-could-boost-indias-gdp-1816220>

#### RESEARCH PAPERS IN NATIONAL AND INTERNATIONAL SEMINARS/CONFERENCES

- The association between IFA coverage and child birth outcomes among the anaemic and non-anaemic pregnant women in India: Evidence from NFHS-5, IHEPA Annual Conference, Pune, January 2024
- Health System Resilience and Equity in India: Dynamics of Institutional Births during COVID-19 pandemic”, Goa Business School, Goa University, Seminar on Economic Resilience and Public Policy, Goa, 10-11 Oct 2022.
- Leveraging social protection policies for anemia reduction in Northern India, Northern Regional Conference IASP 2022, University of Kashmir, Srinagar, 29-30 Sep 2022.
- Anemia Mukht Bharat Dashboard An information sharing tool to address anemia in northern region, Northern Regional Conference IASP 2022, University of Kashmir, Srinagar, 29-30 Sep 2022.
- Public health infrastructure development in Uttarakhand, National Seminar on “Development Experiences of Uttarakhand: Achievements, Challenges and Way Ahead”, Doon University, Dehradun, 23-24 Sep 2022.
- Measuring Health System Resilience in India in the context of COVID 19 pandemic, IIPS International Seminar, 18-20 March 2021, IIPS, Mumbai (virtual event).
- Twin births and neonatal mortality in India: Trend and patterns, 1992-2016, 8th Annual Conference of Indian Health Economics and Policy Association (IHEPA) on Social Determinants of Health, Jan 23-24, 2020, organized by National Institute of Science Education and Research, Bhubaneswar.
- Integrated Child Development Services (ICDS) Scheme of India: Implementation and Governance Issues, Conference on Public Health Nutrition: enriching the cycle of research, public policy and practice, Jan 30-31, 2020, organized by National Institute of Technology, Rourkela, Odisha.
- Health insurance coverage in India: Insights for the National Health Protection Scheme, 4th knowledge dissemination workshop of PRCs, 16-17 Jan 2020, organized by PRC Patna, Department of Statistics, Patna University, Patna.
- Household assets and wealth quintiles, India 2006-16: Insights on Economic Inequalities, International Seminar on 25 years of National Family Health Survey in India, Lessons Learnt and Way Forward, New Delhi, October 2019.

- Twin Births and Child Mortality in India: Trends and Patterns, National Seminar on Population, Health and Environment, G B Pant Social Science Institute, Prayagraj, Sep 2019.
- Improving diets as a part of Anemia Mukht Bharat, 46<sup>th</sup> Annual National Conference of Indian Association of Preventive & Social Medicine, Shimla, Mar 7-10, 2019.
- Decadal trends and predictors of maternal and child dietary diversity in India, Improving Dietary Diversity under POSHAN Abhiyaan, NITI Aayog and UNICEF, Feb 20-21, 2019.
- Health Insurance Coverage in India: Insights for National Health Protection Scheme, Indian Economy and Society: Lateral Explorations, Centre for Development Studies, Trivandrum, Dec 12-14 2018.
- Changes in socioeconomic gradient of diabetes and hypertension cases in India: Evidence from NSS 2004 and 2014, PRC Workshop, Ministry of Health and Family Welfare, Oct 2018.
- Equal efforts, unequal outcomes: Social demographics and district level progress in institutional delivery and immunization coverage in nine high focus Indian states, Indian Association for the Study of Population, Dec 2016.
- Socioeconomic status and nutrition transition in India, Population Association of America (PAA) 2016 annual meeting, Washington DC March-April 2016.
- Economic growth and demographic dividend in India, Population Association of America (PAA) 2016 annual meeting, Washington DC March-April 2016.
- Demographic Transition, Savings and Economic Growth in China and India, 57<sup>th</sup> Annual Conference of The Indian Society of Labour Economics, 10-12 October 2015, Srinagar, Jammu & Kashmir.
- Population Structure and Economic Growth in India, Population Association of America (PAA) 2015 annual meeting, San Diego (CA) April-May 2015.
- Intersectional inequalities in immunization in India, Development Meet 2014, Central University of Bihar, February, 2014.
- Horizontal inequities in healthcare utilization by elderly in India, Health Systems Reform in Asia: Equity, Governance and Social Impact, Singapore December 13-16, 2013
- Measles Vaccination Coverage in India: An Alternative Approach for Progress Assessment, 2nd Asian Population Association (APA) Conference, Bangkok, Thailand, August 2012
- Health Inequalities, Level Differentials and Progress Assessment: Measles Vaccination Coverage in India, Indian Health Economics and Policy Association, Delhi 2011.
- Inequalities in Child Undernutrition in India: A decomposition analysis using NFHS 3, IUSSP International Conference on Population Studies, Morocco 2009
- Examining Health Inequities in Arab World: Some Policy Considerations, IUSSP international conference on population studies, Morocco 2009
- Measuring Progress towards MDGs in Child Health: Should Base Level Sensitivity and Inequality Matter? IIPS, Mumbai 2009 and Centre for Development Studies, Kerala 2009
- Health Inequality in India: Evidence from NFHS 3, International conference of the Human Development Capability Association, New Delhi, India 2008
- Fairness in Financing Outpatient Care in India; Revisiting the WHO's FFC Index, National Conference at SCTIMST Trivandrum Jan 2008 and the 29<sup>th</sup> Annual conference of the Indian Association for the Study of Population, Varanasi, India 2008

- Resource Degradation and Distributional Inequalities: An Analysis of Fisheries Development Policy in Kerala, India, IDRMM Workshop, Madras Institute of Development Studies (MIDS), Chennai 2008.
- Strategy of Zoning Amidst Distributive Concerns, International conference of South and South East Asian Econometric Society, Chennai, Dec. and Development convention, Southern Indian ICSSR institutes at CMDR, Dharwad, 2006
- Migration-poverty nexus: examining poverty among migrants in urban India, Multi-dimensions of urban poverty, organized by CSH, New Delhi & IGIDR Mumbai, 2006
- Marriage squeeze and child sex ratio in India, workshop on Sex ratio in India, jointly organized by Lund University and ISEC Bangalore, 2006
- Unemployment rate in Goa, State Level Seminar “Goan Economy since Liberation”, Goa University. 2004

#### INVITED TALKS/LECTURES/SEMINARS/RESEARCH METHODS TRAININGS

- Artificial Intelligence and Public Policy: Health and Nutrition Sector, Kautilya Economic Conclave, New Delhi, October 5, 2024
- Lecture on NFHS: Data and Indicators, IES Training, IEG, Delhi, Sep 3, 2024.
- Lecture on Health Economics and Nutrition, St Johns Research Institute, Bengaluru, August 28, 2024.
- Invited talk on AMB: IFA Supply Chain Assessment, Women In Leadership (WiL) in Economics: Training and Mentorship Workshop, Yale Economic Growth Centre and IEG, Aug 9, 2024.
- Lecture on Measurement of Poverty and Inequality, FLAME University, Pune March 5-6, 2024.
- Lectures on Population and Development, Centre for Development Studies, Thiruvananthapuram, Aug-Nov 2023
- Health Financing in India: Status and Opportunities, National seminar on Evolving Paradigm of Healthcare in India: Bridging Gaps & Envisioning Progress, February, 2024, G B Pant Social Science Institute, Prayagraj, Uttar Pradesh
- Health care reforms in India: Progress and Prospects, Kautilya Economic Conclave, New Delhi, October 2023
- Lecture on NFHS: Data and Indicators, IES Training, IEG, Delhi, Aug 4, 2023.
- IEG Brown Bag Seminar on IFA Supplementation Coverage and Child Health Outcomes: Impact of AMB, July 13, 2023, IEG, Delhi.
- Invited talk on Health Data: Indicators and Access, Centre for the Advanced Study of India (CASI), University of Pennsylvania, Data Seminar Series 2023, July 12, 2023.
- Invited talk on Well-being of Women and Girls in India: Equity in WHEELS Approach, World Population Day Celebrations, Department of Demography, Kerala University, July 11, 2023.
- Lecture on Challenges in Nutrition and Programmatic Initiatives in India, CSMCH, Jawaharlal Nehru University, New Delhi, June 1, 2023.
- Lecture on Measurement of Inequality, FLAME University, Pune April 10 2023.
- Lecture on Anemia Mukht Bharat, FLAME University, Pune April 11 2023.
- Lectures on Program Evaluation, IHEPA IIPS Workshop, Mar 21, 2023



- Lecture on Randomized Control Trial: An Introduction, CRY New Delhi, Feb 22, 2023
- Lecture on Research Methodology, Insolvency and Bankruptcy Board of India (IBBI), New Delhi, Jan 10, 2023
- Plenary Speaker on PRC Vision: Past and Future, IIPS National Seminar, ISEC Bengaluru, Feb 25, 2023
- Lecture on Anemia Mukht Bharat, PHN Course, Understanding PHN: Towards policy and action, PHFI and IFPRI, New Delhi Dec 13, 2023
- Lectures on Large Scale Data Analysis, Banaras Hindu University, Nov 26, 2022
- Lecture on Anemia Mukht Bharat, DAV Post Graduate College, Nov 26, 2022
- Lectures on Health Policy, Sardar Patel Institute of Economic and Social Research, Nov 24, 2022
- Perspectives on Population and Development, Goa Business School, Goa University, Oct 11, 2022
- Anemia Mukht Bharat: Status and Strategies, Brown Bag Seminar, Institute of Economic Growth, Delhi. Aug 4, 2022
- Lectures on Population and Development, Centre for Development Studies, Thiruvananthapuram, Aug-Nov 2022
- Lecture on Research Proposal Development, Sardar Patel Institute of Economic and Social Research, Ahmedabad, Mar 2022
- Lectures on Research Methodology, Lal Bahadur Shastri National Academy of Administration (LBSNAA) Mussoorie, April 2022
- Lecture on Academic Writing, Sardar Patel Institute of Economic and Social Research, Ahmedabad, Mar 2022
- Maternal and Childhood Obesity: Trends and Patterns, National Consultation on Prevention of Maternal, Adolescent and Childhood Obesity in India, NITI Aayog, Jun 2021.
- Way forward for Anemia Mukht Bharat in India, 48th Annual Conference of Indian Association of Preventive and Social Medicine, 19 – 21 March 2021 at PGIMER, Chandigarh (Virtual Mode).
- Success stories and challenges of Anemia Mukht Bharat (AMB), AMB score card and ranking of States/UTs, 64th Annual National Conference of the Indian Public Health Association, 29 February – 2 March, 2021, AIIMS, New Delhi.
- Tackling Obesity in Pregnancy – Landscaping Study on Prevalence, Determinants, Regulatory and Programme Options in India, Strengthening maternal nutrition screening and services in antenatal care in India, e-dialogue series, 26 February 2021, National Institute of Nutrition, Hyderabad (virtual event).
- Pediatric Anemia in India: Current scenario, Challenges, and solutions, 28 January 2021, AIIMS, New Delhi (virtual event).
- Maternal and Child Nutrition, (Virtual event) Lecture, UGC Refresher Course in Geography and Environmental Studies, Jamia Millia Islamia University, New Delhi, Nov 17, 2020.
- Mixed Methods Research, (Virtual event) Lecture, MBA (Rural Management), IIHMR University, Jaipur, Oct 29, 2020.
- Anemia Mukht Bharat, (Virtual event) Lecture, MBA (Pharmaceutical Management), IIHMR University, Jaipur, Sep 9, 2020.

- Promotion of Family Planning in Bihar, Virtual Webinar “The Need for a Focussed Pathway towards Improving Information and Access of Spacing Contraception for Family Planning among Young Population in Bihar”, Centre for Catalyzing Change, New Delhi, Sep 25 2020.
- Co-Chair: Session on “Systems strengthening: Human resources, infrastructure, and financing”, 3rd Conference on “Delivering for Nutrition in India: Insights from Implementation Research”, September 14-18, 2020 (Virtual Conference).
- When it Rains, it Pours: Stylized Facts on Covid-19 Pandemic and Calibrated Policy Response, Economics Alumni Association Webinar, Goa Business School, Goa University, Jul 29, 2020.
- Anemia Mukht Bharat: An Integrated Nutrition and Health Information System, AMB Webinar Series #2, Strengthening Information Systems to Support Programme Coverage with Quality, New Delhi, Jun 2020.
- National Fact sheet on IFA Supply Chain Assessment: Results and Recommendations, AMB Webinar Series #1, Ensuring Uninterrupted Supplies to Last Mile, New Delhi, Jun 2020.
- Preventing the Intergenerational Cycle of Undernutrition, Observer Research Foundation, New Delhi, Nov 2019.
- Factors affecting implementation of ICDS services - governance, human resource capacity, and other barriers’, Delivering for Nutrition in India: Insights from Implementation Research, International Food Policy Research Institute (IFPRI), New Delhi, Sep 2019.
- Estimating Inequality in Education, Research Methodology Course on Large Scale Surveys: Data Analysis and Tools, National Institute of Educational Planning and Administration, New Delhi, September 2019.
- Introduction to Stata for Data Analysis, Course on Research Methods on Gender, Poverty and the Informal Economy, V V Giri National Labour Institute, Noida, September 2019.
- Measuring Health Inequality, IHEPA-APU Summer School on Health Policy, Centre for Multi-Disciplinary Development Research, Dharwad, June 2019
- Nutritional Epidemiology: Data management tools and advanced statistics, NCEAR-D and IIPS, Lady Irwin College, Delhi, Apr 2019.
- Heteroscedasticity and Autocorrelation, Research Methodology Course, Institute of Development Studies, Kolkata (IDS-K), Mar 2019.
- Estimating Inequality in Education, National Institute of Education Planning and Administration (NIEPA), Delhi, Mar 2019.
- Health Policy and Planning, Sardar Patel Institute of Economic and Social Research (SPISER), Ahmedabad, Feb 2019.
- Health Insurance in India, Department of Economics, Central University of Gujarat, Gandhinagar, Feb 2019.
- Measurement of Inequality, National Institute of Science Education and Research (NISER), Bhubaneswar, Feb 2019.
- The Rich, the Poor and the Middle Class in India: Re-engaging with Measurement for (All) Practical Purposes, Institute of Economic Growth, Delhi, Dec 2018.
- Swastha Bharat Preraks Training Programme, Tata Trusts, Oct 2018.
- Health Insurance, All India Institute of Ayurveda (AIIA), Delhi, September 2018.

- Techniques for Mixed Methods Research, National Statistical Systems Training Academy (NSSTA), Noida, January 2018
- Sample Design of Health Surveys in India, National Statistical Systems Training Academy (NSSTA), Noida, December 2017
- Integration of Geography in Social Sciences and Public Health Research, Department of Geography, Delhi University, November 2017
- Chronic Disease Surveillance in India, Longitudinal Aging Study in India (LASI) Training Workshop, Institute of Economic Growth, Delhi, October 2017
- Beyond life expectancy at birth: A cross-country analysis of convergence and disparities, 1950-2015, Harvard Pop Centre, Harvard University, Cambridge, September 2017
- Economic Growth and Demographic Dividend: The Indian Experience, South Asian University, New Delhi, September 2016
- IHEPA-APU Summer School on Health Policy, Azim Premji University, Bengaluru, June 2016
- Health Economics, Research Methodology Orientation Programme, Institute of Economic Growth, Delhi, May 2016
- Research Methodology Workshop for Ph.D. Scholars, Giri Institute of Development Studies, Lucknow, April 2016
- Inequality Measures in Health, 1st Refresher Course in Economics, Jawaharlal Nehru University, New Delhi, August 2015
- Refresher Course on Demographic Concepts and Methods, Centre for Development Studies, Trivandrum, June 2015
- Research Methodology Workshop, Giri Institute of Development Studies, Lucknow, March 2015
- Demographic Statistics, IES Probationers Training, Institute of Economic Growth, Delhi, Feb 2015
- Bengaluru Boston Nutrition Collaborative (BBNC), St. John's Research Institute, Bengaluru, Jan 2015
- State-level workshop on Policy Models for Evidence-based Decision Making and Advocacy, Futures Group International India, Lucknow, May 2012
- MA-Sustainable Development Practice, TERI University, New Delhi, March 2012
- Statistical Analysis using SPSS, Utkal University, Bhubaneswar, December 2011.

## SCHOLARSHIPS

- Bernard Lown Scholar, Harvard T. H. Chan School of Public Health, Harvard University, Boston <https://www.hsph.harvard.edu/lownscholars/lown-scholars> 2014 - Present
- Visiting Scientist, Harvard T. H. Chan School of Public Health, Harvard University, Boston, United States, Feb 2017 – Sep 2017
- Government of India UGC Junior Research Fellowship for PhD (2006-09).
- Centre for Development Studies Fellowship for MPhil in Applied Economics 2004-06.
- UGC-JRF & SRF in Economics, 2004-09

- UGC National Eligibility Test for Lecturership in 'Economics' 2004.
- D K Raju memorial gold medal, M.A. Economics, Goa University 2004.
- G. D. Parikh memorial scholarship and G. V. Kamat endowment prize for highest marks in M.A. (Econ), Goa University 2004.
- P. R. Dubashi scholarship for highest marks in M.A. Social Sciences, Goa University 2004.
- R. K. Hazari scholarship for highest marks in International Economics & Public Finance in BA (Econ) final year, Goa University 2002.
- MES College Annual Merit Scholarships for highest marks in BA courses during 1999-2002).
- International travel scholarship, Population Association of America Meeting 2015, Washington DC.
- International travel scholarship, Health System in Asia 2013, Singapore
- International travel scholarship, Asian Population Association Conference 2012, Bangkok, Thailand.
- International travel scholarship, IUSSP Conference 2009, Marrakech, Morocco.

#### **WORKSHOP PARTICIPATION**

- NHM Field Monitoring training, MoHFW (Stats Division) and NHSRC, 22 Oct, 2024
- Tobacconomics, Bloomberg School of Public Health, Johns Hopkins University, at Istanbul (15-17 Oct, 2024)
- PRC Scientific and Advisory Committee Workshop, ISEC Bengaluru, 14-15 May 2024.
- PRC Scientific and Advisory Committee Workshop, ISEC Bengaluru (virtual), 18-19 Apr 2024
- PRC Scientific and Advisory Committee Workshop, PRC Lucknow, 28 Feb to Mar 1, 2023.
- Sampling design for large scale surveys, International Institute for Population Sciences (IIPS), Mumbai, May-Jun 2021.
- Exploring analytics using R, Population Research Centre, Institute of Economic Growth (IEG), May 2020.
- Gender analysis of health: Workshop for researchers using large scale data sets, International Institute for Population Sciences (IIPS), Mumbai, Oct 2019.
- Data training workshop for SPSS, R and Tableau, Population Research Centre, Institute of Economic Growth (IEG), Sep 2019.
- Young Lives India, Data usage workshop, Population Research Centre, Institute of Economic Growth (IEG), May 2018.
- Geographic Information System (GIS) Analysis, Center for Geographic Analysis (CGA), Harvard University, Cambridge, May-June 2017.
- Lectures on Multi-Level Analysis and Modelling, Prof. S V Subramanian, Harvard University, February-May 2017.
- Training of Trainers Workshop, Longitudinal Aging Study in India (LASI), International Institute for Population Sciences (IIPS), Mumbai, October 2016.

- Program Evaluation & Impact Assessment, The World Bank & NCAER Workshop, March 2013, New Delhi.
- National Workshop on Computer Models for Population and Family Planning for Evidence-Based Advocacy and Decision-Making, Futures Group International India and National Institute for Health and Family Welfare (NIHFW), New Delhi April 2012.
- Workshop on Health Equity Analysis, The World Bank, New Delhi, June 2011
- Development and Inequality in Global South, Brown University, June 2009, Providence, US.
- Econometrics for Health Research, LSTMH and IIT Madras, Chennai.
- Introductory course in environmental and natural resource economics organized by South Asian Network for Development and Environmental Economics (SANDEE), Dhaka, Bangladesh.

#### **WORKSHOPS/CONFERENCES/WEBINARS ORGANISED**

- State Training of Trainers, AMB Delhi, August 29-30, 2024  
Participants: AMB and Health Officials, Government of Delhi  
Funding: UNICEF (in collaboration with Directorate of Family Welfare, Delhi)  
Venue: Institute of Economic Growth, Delhi
- State Training of Trainers, SAM Hotspot Project, July 18-19, 2024  
Participants: State centre of excellence and UNICEF Hotspot Project Officials  
Funding: UNICEF  
Venue: Institute of Economic Growth, Delhi
- FOPL: Relevance and Practice, April 4, 2024  
Participants: Experts from Development Partners and Agencies  
Funding: GHAI  
Venue: Institute of Economic Growth, Delhi
- National Workshop on AMB, Mar 21-22, 2024  
Participants: MoHFW, State government officials and Nutrition program managers  
Funding: UNICEF  
Venue: Le Meridien, Delhi
- Monitoring of AMB and T3 Innovations, Feb 5, 2024  
Participants: MoHFW and State government officials  
Funding: UNICEF  
Venue: Le Meridien, Delhi
- 11<sup>th</sup> Annual Conference of IHEPA, Jan 18-19, 2024  
Participants: Students, researchers and health sector professionals  
Funding: FLAME University and IHEPA  
Venue: FLAME University, Pune
- Pre-Conference Workshop on Qualitative Research Methods, Jan 17, 2024  
Participants: Students and early career researchers  
Funding: FLAME University and IHEPA  
Venue: FLAME University, Pune

- Pre-Conference Workshop on R statistical software, Jan 17, 2024  
Participants: Students and early career researchers  
Funding: FLAME University and IHEPA  
Venue: FLAME University, Pune
- Tobacco use in India: A Roundtable on taxation principles and policies, Dec 15, 2023  
Participants: Experts from Development Partners and Agencies  
Funding: CTFK  
Venue: Institute of Economic Growth, Delhi
- Fiscal Policies for healthier diets in India, Dec 14, 2023  
Participants: Experts from Development Partners and Agencies  
Funding: RTSL  
Venue: Institute of Economic Growth, Delhi
- National Workshop on Nutrition Programmes, Nov 21-22, 2023  
Participants: MoHFW, State government officials and Nutrition program managers  
Funding: UNICEF  
Venue: The Imperial, Delhi
- Social Protection for Nutrition Community of Practice Workshop, Oct 10, 2023  
Participants: MoHFW, State government officials and AMB program managers  
Funding: UNICEF  
Venue: The Imperial, Delhi
- States and UTs orientation on HMIS Indicators, Sep 14, 2023  
Participants: State government officials and AMB program managers  
Funding: UNICEF  
Venue: The Imperial, Delhi
- Workshop on HFSS Foods Consumption and Taxation in India, June 16, 2023  
Participants: Experts from Development Partners and Agencies  
Funding: RTSL (in collaboration with Imperial Business School, London)  
Venue: Institute of Economic Growth, Delhi
- Workshop on Maternal Nutrition and Mental Health, Apr 2022  
Participants: Experts from Development Partners and Agencies  
Funding: UNICEF (in collaboration with NIN and NIMHANS)  
Venue: Institute of Economic Growth, Delhi
- Anemia Mukht Bharat Webinar Series#5: Increasing Financial Efficiency of AMB: Lessons and Opportunities, Nov 2020  
Participants: Senior Officials from MoHFW, Experts from Development Partners and Agencies  
Funding: UNICEF (in collaboration with Accountability Initiative, Centre for Policy Research)  
Venue: Institute of Economic Growth, Delhi
- Delivering for Nutrition in India: Insights from Implementation Research, Sep 2020  
Participants: academics, implementers, development partners, and policy makers  
Venue: Virtual Event, Led by IFPRI

- Anemia Mukht Bharat Webinar Series#2: Strengthening Information Systems to Support Programme Coverage with Quality, Jun 2020  
Participants: Senior Officials from MoHFW, Experts from Development Partners and Agencies  
Funding: UNICEF  
Venue: Institute of Economic Growth, Delhi
- Anemia Mukht Bharat Webinar Series#1: Ensuring Uninterrupted Supplies to Last Mile, May 2020  
Participants: Senior Officials from MoHFW, Experts from Development Partners and Agencies  
Funding: UNICEF  
Venue: Institute of Economic Growth, Delhi
- Improving Maternal Nutrition: A Review of Evidence on the One-Full Meal Program, Mar 2020  
Participants: Experts from Development Partners and Agencies  
Funding: UNICEF (in collaboration with IFPRI, UNICEF and NNMB)  
Venue: Institute of Economic Growth, Delhi
- Comprehensive National Nutrition Survey (CNNS) Data User Workshop, Jan 2020  
Participants: Senior Officials from MoHFW, Researchers and Analysts from Development Partners  
Funding: UNICEF  
Venue: Institute of Economic Growth, Delhi
- Measuring the Progress toward Gender Equality within SDGs Framework, Dec 2019  
Participants: Experts from Development Partners and Agencies  
Funding: SAHAJ and Tata Trusts  
Venue: Institute of Economic Growth, Delhi
- Iron and Folic Acid (IFA) Supply Chain Assessment under Anemia Mukht Bharat in May 2019  
Participants: Experts from Development Partners and Agencies  
Funding: UNICEF  
Venue: Institute of Economic Growth, Delhi
- Training Module on “Micro- and Macro-Economic Theory” in February 2018  
Participants: Probationary Officers, Indian Statistical Services (ISS)  
Funding: NSSTA, Ministry of Statistics and Programme Implementation, Government of India  
Venue: Institute of Economic Growth, Delhi
- Refresher Course on “Econometrics” in December 2014  
Participants: In-Service Officers, Indian Statistical Services (ISS) and Senior Officers of States/UTs  
Funding: NSSTA, Ministry of Statistics and Programme Implementation, Government of India  
Venue: Institute of Economic Growth, Delhi
- Research Workshop on “National Health Mission: Achievement and Challenges” in September 2014  
Participants: Young Researchers from Research Institutes and Universities  
Funding: Think Tank Initiative, IEG and ICSSR, Government of India  
Venue: Institute of Economic Growth, Delhi
- National Conference on “National Rural Health Mission: A Review of Past Performance and Future Directions” in August 2013  
Funding: Think Tank Initiative, IEG, ICMR, ICSSR, Ministry of Health and Family Welfare

Venue: Institute of Economic Growth, Delhi

- Research Workshop on “Health Inequality in India: Concepts, Methods and Evidence” in July 2013  
Participants: Young Researchers from Research Institutes and Universities  
Funding: Think Tank Initiative, IEG and ICSSR  
Venue: Institute of Economic Growth, Delhi

#### **LIFE-MEMBERSHIP**

- Indian Association for Study of Population (IASP)
- Indian Health Economics and Policy Association (IHEPA)
- Association of Gerontology India (AGI)

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