HEMA SWAMINATHAN

Centre for Public Policy, Indian Institute of Management Bangalore Bannerghatta Road, Bangalore 560076. India

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EDUCATION

Ph.D. Agricultural Economics, The Pennsylvania State University, USA, 2003

MSc. Economics, University of Bristol, UK, 1995

B.A. Economics, Sophia College, University of Mumbai, India, 1994

EMPLOYMENT

Centre for Public Policy, Indian Institute of Management Bangalore, India

Chairperson, Centre for Public Policy, 2018 – 2020 Professor, 2022 – Associate Professor, 2017 – 2022 Assistant Professor, 2010 – 2017 Visiting Faculty, 2007 – 2010

The International Center for Research on Women, USA, 2004 – 2007

Economist, Poverty Reduction and Economic Governance Team

The Northeast Regional Center for Rural Development, Penn State University, USA, 2003 – 2004 *Postdoctoral Scholar*

The Pennsylvania State University, USA, 1997 – 2003

Graduate Research Assistant

EDA Rural Development Consultancy, India, 1996 – 1997

Development Economist and Member of Credit Team

SECONDARY AFFILATIONS

Research Fellow, <u>Center for Modern Indian Studies (CeMIS)</u>, Georg-August-Universitat, Gottingen, Germany, 2021-2022

Faculty Affiliate, <u>WORLD Policy Analysis Center</u>, University of California Los Angeles, USA Researcher, PROSPERED, Institute of Health and Social Policy, McGill University, Montreal, Canada

FELLOWSHIPS

Non-Resident Visiting Scholar, Center for Advanced Study of India, Uni. of Pennsylvania, May-June 2015 Global Scholar, Institute for Research on Women, Rutgers, The State University of New Jersey, 2014-2015 Visiting Scholars Program, LIS, Luxembourg, 2019 (jointly awarded with Deepak Malghan)

RESEARCH GRANTS

Social Identities and the Labour Market, Co-Principal Investigator
Initiative for What Works to Advance Gender Equality (333,365 USD), 2019-2023
Indian Institute of Management Bangalore, Seed Grant

Examining the Social Impact of Health Policies in India, Co-Principal Investigator
Sub award from McGill University, Canadian Institutes of Health Research (81,052 CAD), 2017-2020

Time Disposition of Women in Rural India; Domestic Duties and Employment, Co-Principal Investigator Center for Gender Equity and Health, University of California, San Diego (10,000 USD), 2017-18

Examining the Social Impact of Health Policies in India, Co-Principal Investigator

Sub award from McGill University, Canadian Institutes of Health Research (81,052 CAD), 2017-20

SPANDAN: Women in Agriculture

Sub award from Indira Gandhi Institute of Development Research, Bill and Melinda Gates Foundation (6,000,00 INR), 2015-17

Gender Asset Gap Project, Co-Principal Investigator and Project Coordinator
MDG3 Fund (1,150,000 Euros), Dutch Government, 2009-11
Vanguard Charitable Trust (600,000 USD), 2010-15
Ministry of Housing & Urban Poverty Alleviation, Government of India (25,000 USD), 2011-13
UN Women (420,000 USD), 2013-2015

Study results for Karnataka were cited by Honble Vice President of India, Hamid Ansari in a Convocation address, 20th September 2011

Examining the Social Impact of Health Policies in India, Co-Principal Investigator
Sub award from McGill University, Canadian Institutes of Health Research (81,052 CAD), 2011-17.

Visiting Research Scholarship Programme, IIMB

Intrahousehold Determinants of Welfare and Wellbeing: Evidence from Ecuador, Ghana, and Karnataka (with Yale University), November – December 2014

Malnutrition in Slums, Co-Principal Investigator
Ministry of Housing & Urban Poverty Alleviation, Government of India (25,000 USD), 2011-13

Exploring linkages between women's property & inheritance rights and their vulnerabilities to HIV/AIDS, and domestic violence in Uganda and South Africa, Principal Investigator Ford Foundation & Anonymous Donor (500,000 USD), 2005-07

Women's property & inheritance rights in the context of HIV/AIDS in South Asia, Principal Investigator UNAIDS & the Levi Strauss Foundation (150,000 USD), 2005-07

POLICY ENGAGEMENTS

- Technical Advisory Group for the *Engendering Informality Project*, International Labour Organisation (ILO), 2021-2023
- The Gender Methods Experts Panel, CGIAR. The Panel is an independent body composed of seven (7) internationally recognized experts on gender research methods. March 2021 December 2022
- Standing Committee on Economic Statistics, Government of India. The mandate of the Committee is to review the framework for India's economic indicators pertaining to the industrial sector, the services sector and labour force statistics. November 2019 – November 2022
- Gender Equality Vision 2022, Niti Aayog, Government of India, 2019 2021
- The Bridge Collaborative, (The Nature Conservancy, PATH, Duke University and IFPRI), Sustainable Food Production Working Group, 2017
- High Level Panel of Experts, Food Security and Climate Change, Food and Agricultural Organization of the United Nations, 2011-2012

 National level Expert Committee, Department of Women and Child Development, Government of Karnataka. Task Force Member for evaluation of gender budget, 2014

PUBLICATIONS

Journal Articles

Women's Legal Rights and Gender Gaps in Property Ownership in Developing Countries. 2022. Population and Development Review 48 (2), 331-377

Contextualizing Individual-Level Asset Data Collection: Evidence from Household Surveys. 2022. *The Journal of Development Studies*. (with Kaushal Joshi, Arturo Jr M. Martinez, Mildred Addawe, and Christian Flora Mae Soco) doi: 10.1080/00220388.2022.2029417

Seasonal Migration and Feminization of Farm Management: Evidence from India. 2022. *Feminist Economics*, 28:1, 86-113 (with S. Chandrasekhar and Soham Sahoo) doi: 10.1080/13545701.2021.1976808 https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3745554#

Women's Land Ownership and Household Income Diversification Patterns in Malawi. 2022. *Journal of African Development* 1 February 2022; 23 (1): 58–86. (with Marya Hillesland and Caren Grown) doi: https://doi.org/10.5325/jafrideve.23.1.0058

Trends in rural fiscal decentralisation in India's Karnataka state: a focus on public health. 2021. *Commonwealth Journal of Local Governance*, (25), 56-78 (with Megha Rao and Arnab Mukherji) https://doi.org/10.5130/cjlg.vi25.7583

Global trends in Intra-household Gender Inequality. 2021. *Journal of Economic Behavior & Organization*, 189, 515-546 (with Deepak Malghan) https://doi.org/10.1016/j.jebo.2021.07.022

Covered by BBC, Wives Do Not Earn As Much As Their Husbands

Women, assets, and formal savings: A comparative analysis of Ecuador, Ghana and India. 2020. *Development Policy Review*, 38, pp 180-205 (with Anglade Boaz, Carmen Diana Deere, Cheryl Doss, Abena Oduro, and Suchitra JY) https://doi.org/10.1111/dpr.12424

Improving health with programmatic, legal, and policy approaches to reduce gender inequality and change restrictive gender norms, 2019. *The Lancet*, Series on Gender Equality, Norms and Health. Vol 393, Issue 10190, pp2522-2534 (with Heymann, Jody, Jessica K Levy, Bijetri Bose, Vanessa Ríos-Salas, Yehualashet Mekonen, Negar Omidakhsh, Adva Gadoth, Kate Huh, Margaret E Greene, Gary L Darmstadt).

Gendered Paths to Asset Accumulation? Markets, Savings, and Credit in Developing Countries, 2019. *Feminist Economics*, 25:2, pp 36-66, (with Zachary Catanzarite, Carmen Diana Deere, Cheryl Doss, Abena Oduro, and Suchitra JY)

Do men and women estimate property values differently? 2018. *World Development*, 107 pp 75-86 (with Carmen Diana Deere, Zachary Catanzarite, Cheryl Doss, Suchitra JY, William Baah-Boateng and Louis Boakye-Yiadom)

Assets and Shocks: Gendered Analysis from Ecuador, Ghana and Karnataka, India. 2018. *Canadian Journal of Development Studies* 39:1, pp 1-18 (with Carmen Diana Deere, Cheryl Doss, Abena Oduro, Suchitra JY and William Baah-Boateng)

The effect of paid maternity leave on early childhood growth in low and middle income countries. 2017 *BMJ Global Health.* pp: 1-11 (with Deepa Jahagirdar, Sam Harper, Jody Heymann, Arnab Mukherji, and Arijit Nandi)

Economic Development and Female Labor Force Participation in India. 2016. *Feminist Economics*, 22 pp: 168-195 (with Rahul Lahoti).

Not in Her Name: Women's Property Ownership In India 2016. *Economic and Political Weekly*, L1, pp: 17-19 (with Rahul Lahoti and Suchitra J.Y).

Gender Asset and Wealth Gaps. 2014. *Development*, 57 pp: 400-409 (with Cheryl Doss, Carmen Diana Deere, and Abena Oduro)

Moving from the Household to the Individual: Multidimensional Poverty Analysis. 2014. World Development, 59 pp: 71-80. (with Ramya Vijaya and Rahul Lahoti)

Property rights and the gender distribution of wealth in Ecuador, Ghana and India. 2013. *Journal of Economic Inequality*, 11 pp: 249-265. (with Carmen Diana Deere, Abena Oduro, and Cheryl Doss).

This was selected for the special issue of the Journal of Economic Inequality in 2020 as one of the six publications that best contribute economic perspectives to various dimensions of inequality articulated by the Sustainable Development Goals.

The role of Right to Health in health care management and delivery in India: In conversation with Dr Devi Prasad Shetty, Chairman, Narayana Hrudayalaya. 2013. *IIMB Management Review* 25 (1), 28-35 (with Arnab Mukherji)

Gender Asset and Wealth Gaps: Evidence from Karnataka. 2012. *Economic and Political Weekly*. XLVII (35) pp: 59-67. (with Rahul Lahoti and Suchitra JY)

Study results (based on Technical Report) were cited by Honble Vice President of India, Hamid Ansari in a Convocation address, 20th September 2011

Malnourished in Slums? Evidence from India, 2012. *American Journal of Public Health*, 102 (7) pp: 1329-1335. (with Arnab Mukherji)

Impact of Access to Credit on Labor Allocation Patterns in Malawi 2010. World Development, 38 (4) pp: 555-566. (with Jill Findeis and Rodrigo Salcedo DuBois)

Women's Property Rights and HIV & AIDS: Evidence from India. 2009. *Economic and Political Weekly*, 44 (17), pp:101-108. (with Nandita Bhatla and Swati Chakraborty).

Material and Moral Foundations of India's Africa Policy. 2008. *Economic and Political Weekly*, 43 (19), pp:21-24. (with Deepak Malghan)

The Retail Revolution: Do We Know Enough? 2007. *Economic and Political Weekly*, 42 (14), pp: 1246-1247. (with Stephan Goetz)

Wal-Mart and County-Wide Poverty. 2006. *Social Science Quarterly*, 87 (2), pp: 211-226. (with Stephan Goetz)

Farm Households in the United States: Labor Participation, Decision-making and the Effects of Farm Asset Control. 2005. *Economie Rurale*, Issue 289-290, September-December (with Jill Findeis and Anuja Jayaraman)

The Effects of Welfare Reform on Employment and Poverty in Rural and Urban Counties. 2005. *Perspectives on Poverty, Policy and Place*, Vol. 2 (4), RUPRI Rural Poverty Research Center (with Jill Findeis)

Policy Interventions and Poverty in America. 2004. *American Journal of Agricultural Economics,* Vol. 86 (5), pp: 1289-1296. (with Jill Findeis)

Access to Credit and Women's Work Decisions: An Empirical Study in Rural Malawi. 2003. *Journal of Population*, Volume 9 (1), pp: 1-49. (with Jill Findeis)

Under Review

Ties that Bind: Kinship and Female Enterprise Creation in Rural India, (with Jeroen Smits, Patrick Vermeulen, and Hemalatha Venkataraman)

Addressing Gender Disparity in Education: Evidence from India, (with Pragya Bhuwania and Arnab Mukherji)

Decision-making in Rural Households: The Role of Self and Proxy Reporting in Karnataka, India (with Suchitra JY and Rahul Lahoti)

Work in Progress

Individualizing wealth and asset measures (with Abena Oduro). Book chapter in *Researching Resources within the Household*, edited (Fran Bennett, Siobhan Austen and Silvia Avram). Edward Elgar Publication.

(S)he said what? Comparing self and proxy reported employment status, (with Rosa Braham, Nishat Anjum, and Rahul Lahoti). Target journals: *Journal of Labour Economics, Journal of Human Resources, World Bank Economic Review*

Does it Matter Who You Ask For Time Use Data? (with Rahul Lahoti and Deepti Sharma). Target journals: World Development, World Bank Economic Review

Life Cycle Transitions and Women's Work: Evidence From Rural India (with Rosa Abraham and Rahul Lahoti). Target journals: Journal of Development Studies, Labour Economics, Demography

Working / Discussion Papers

<u>Childbirth And Women's Labour Market Transitions In India</u>, 2021, WIDER Working Paper 2021/149 Helsinki: UNU-WIDER (with Rosa Abraham and Rahul Lahoti).

Covered in The Print

<u>Intra-household Gender Inequality, Welfare, and Economic Development</u>, 2021, LWS working paper series No. 34. (with Deepak Malghan).

<u>Inside the Black Box: Intra-household Inequality and a Gendered Pandemic</u>, 2020, LIS working papers series No. 797. LIS Income Study. (with Deepak Malghan)

Women's Legal Rights and Gender Gaps in Property Ownership in Developing Countries, 2020. Policy Research working paper; no. WPS 9444 Washington, D.C.: World Bank (with Isis Gaddis and Rahul Lahoti). *Under Review*

<u>Seasonal Migration and Feminization of Farm Management: Evidence from India</u>, 2020. (with S. Chandrasekhar and Soham Sahoo)

What is the Contribution of Intra-household Inequality to Overall Income Inequality? Evidence from Global Data, 1973--2013. 2016. LIS Working Paper No. 679. LIS Income Study. (with Deepak Malghan)

Shocks, assets, and social protection: A gendered analysis of Ecuador, Ghana, and Karnataka, India. *UN Women Discussion Paper*, June 2015. (with Cheryl Doss, Abena Oduro, Carmen Diana Deere, Suchitra JY, and William Baah-Boateng)

Who Borrows? An Analysis of Gender, Debt, and Assets in Ecuador, Ghana, and Karnataka, India. *UN Women Discussion Paper*, June 2015. (with Caren Grown, Carmen Diana Deere, Zachary Catanzarite, Abena Oduro, Suchitra JY, and Louis Boakye-Yiadom)

Intrahousehold Wealth Inequality and Welfare: Evidence form Karnataka India. 2015. *IIMB Working Paper No. 487.* Bangalore: Indian Institute of Management Bangalore. (with Deepak Malghan)

Women's Property, Mobility, and Decision-making: Evidence from Rural Karnataka, India. 2012. *IFPRI Discussion Paper Series* 1188. Washington DC. (with Rahul Lahoti and Suchitra JY)

Individual Property Rights and Bargaining Outcomes: Evidence from Intra-household Asset Data. 2012. *IIMB Working Paper No. 364*. Bangalore: Indian Institute of Management Bangalore. (with Suchitra JY and Rahul Lahoti)

Edited Book

Exploring the Links between Women's Property and Inheritance Rights, HIV and AIDS, and Domestic Violence: Research Findings from Amajuba District, South Africa and Iganga District, Uganda. 2008. HSRC Press. (edited by Hema Swaminathan, Cherryl Walker, and Margaret Rugadya).

Book Chapters

Foreword, Equality Within Our Lifetimes: How Laws and Policies Can Close – or Widen – Gender Gaps in Economies Worldwide. Forthcoming 2023. Heymann J, Sprague A, and Raub A. University of California Press.

Promises Unfulfilled: Women's Access to Land in India. 2018. In *India Social Development Report*, edited by T. Haque and D.N. Reddy, Council for Social Development, Oxford University Press, New Delhi. (with Suchitra JY)

Asset Ownership, 2019. In Karnataka Human Development Report, Government of Karnataka

Gender and Time Poverty in Sub Saharan Africa. 2006. In *Gender, Time Use and Poverty in Sub Saharan Africa*, edited by Mark Blackden and Quentin Wodon. World Bank. (with Aslihan Kes)

Changing Fortunes: Poverty in Rural America. 2006. *In Population Change and Rural Society*, edited by David Brown and William Kandel. Springer Verlag Press. (with Stephan Goetz and Leif Jenson)

A Comparison of the National Agricultural Workers Survey (NAWS) and the Current Population Survey. 2002. In *Dynamics of Hired Farm Labor: Constraints and Community Responses*, edited by Findeis Jill L., Ann Vandeman, Janelle Larson and Jack Runyan. UK: CAB-International. (with Jill Findeis, Janelle Larson, and Qiuyan Wang)

Technical Reports

Measuring Asset Ownership and Entrepreneurship from a Gender Perspective: Methodology and Results of Pilot Surveys in Georgia, Mongolia, and the Philippines. 2018. Asian Development Bank. (co-authored with ADB's EDGE team in ERCD).

Report Awarded the Shireen Lateef Gender Operations Award for Best Gender Knowledge Product, ADB

Impact of Climate Change on Food Security. 2012. Committee on World Food Security (CFS). (with Gerald Nelson, Charles Godfray, Zucong Cai and Maureen Santos).

KHAS: Measuring the Gender Asset Gap. 2011. Bangalore: Indian Institute of Management Bangalore. (with Suchitra JY and Rahul Lahoti)

The Gender Asset and Wealth Gaps: Evidence from Ecuador, Ghana and Karnataka, India. 2011. Bangalore: Indian Institute of Management Bangalore. (with Doss et al.)

Women's Property Rights as an AIDS Response: Emerging Efforts in South Asia. 2007. ICRW. (with Nandita Bhatla and Swati Chakraborty)

India: Micro Finance for the Poor. An Assessment of the Status and Efficacy of Micro-Finance Institutions and Programmes. 1996. Asia Pacific Development Center, Malaysia. (with Ashok Kumar and Sanjay Sinha)

India: Micro-enterprise Country Paper. 1996. Asian Development Bank, Philippines. (with Ashok Kumar and Sanjay Sinha)

Policy Briefs

Women's land ownership and participation in agricultural decision-making: Evidence from Ecuador, Ghana, and Karnataka, India. 2014. *The Gender Asset Gap Research Brief Series # 2.* (with Carmen Diana Deere, Louis Boakye-Yiadom, Cheryl Doss, Abena Oduro, Suchitra JY, and Jennifer Twyman)

The Gender Asset Gap in Ecuador, Ghana and Karnataka. 2011. *The Gender Asset Gap Project, Policy Brief Series #1*, Bangalore: Indian Institute of Management Bangalore. (with Carmen Diana Deere, Cheryl Doss, and Abena Oduro)

KHAS: Measuring the Gender Asset Gap. 2011. *The Gender Asset Gap Project, Policy Brief Series #2,* Bangalore: Indian Institute of Management Bangalore. (with Suchitra JY and Rahul Lahoti)

Rights, Inheritance and Succession Laws, and Rights Relating to Marriage and Property in India. 2011. Kannada and English Legal Literacy Booklets. Bangalore: Indian Institute of Management Bangalore.

Select Popular Press

English

Holistic Approach Necessary To Free Women Of 'Motherhood Penalties' At The Workplace, Forbes India, 2022 A Caged University Cannot Sing: On Freedom In Academics And Research, Forbes India, 2021

Women In Farming: Everywhere, But Unseen, India Together, 2021
The COVID-19 Lockdown Will Ravage Prospects for India's Female Workforce, The Wire, 2020
Women Farmers Need Policy Attention, The Hindu Business Line, 2017
Getting A Fix On Wealth Inequality, The Hindu Business Line, 2015
Rightfully Hers, India Together, 2012

Hindi

Investing in Girls' Education via Empowerment, Rajasthan Patrika, 2021 Legislations Versus Reality: Women's Property Rights, Rajasthan Patrika, 2020 Goddesses, Women and COVID 19, Rajasthan Patrika, 2020 Women as Farm Managers, Rajasthan Patrika, 2020

TEACHING EXPERIENCE

<u>Indian Institute of Management Bangalore:</u> Econometrics; Engaging with Africa; Business, Government and Society; Social and Human Development, Development Economics: Theory and Practice; Evaluation of Public Policy; Analyzing Data for Social Policy; A Global Perspective on Gender: From Farm to the Boardroom; Gender, Public Policy, and Economic Development; Development Perspectives and Policy.

RESEARCH SUPERVISION

Doctoral Chair: Tanieem Noor Darvesh

Member of Dissertation Advisory Committee, PhD

- Chinmay Vasudev Tumbe, 2013
- Tanushree Halder, 2017
- Althaf Shahjahan, 2017
- Aparna Krishna, 2018
- T.R. Srinivasan, 2021
- Gopi Sankar Gopikuttan, 2023
- Deepti Sharma, ongoing

Guide, Public Policy Dissertation/Policy Papers

- Ajay Kumar Singhla, 2007 (with Arnab Mukherji)
- K Ganesh, 2015
- Seemant Dadwal, 2015
- Meenakshi M. Singh, 2016
- D.S. Sangeetha, 2018
- Bhargavi Maity, 2018
- Lalit Abhiram Sarasa, 2018
- Sarika Mohan, 2019

UNIVERSITY SERVICE

Indian Institute of Management Bangalore: Academic Committees

- NSR Pre-doc Program Review Committee, January August 2021
- Admissions Committee, all IIMB programs, 2018 2020
- PhD Academic Committee Member, 2016 2019
- CPP-PhD coordinator (Chairing Public Policy PhD Selection Committee; Mentoring 1st and 2nd year students, and organising 1st year Qualifying Exam for Public Policy PhD students), 2013 – 2018
- Coordinator and Member, CPP-IIMB Institutional Ethics Committee (equivalent to Institutional Review Board), 2010 – 2019

- All IIMB Masters and PhD Admission interviews, several years
- Financial aid interviews, several years

Indian Institute of Management Bangalore: Administrative Committees

- Chairperson, Internal Committee (Committee for Prevention and Addressing Sexual Harassment at IIMB), 2022 –
- Committee Member, Institutional Review Board at IIMB, 2023 –
- Creche Committee Member, 2015 2022
- Member, Admissions Committee, 2018-2021
- Chairperson, Centre for Public Policy, 2018 2020
- Internal Committee Member (Sexual Harassment Committee), 2017 2020
- CPP Conference Committee, several years

SELECT INIVITED TALKS AND CONFERENCES (2023-2015)

St. Xavier's College, Kolkata, 2023

Indian Bankers Association Seminar on ESG Initiatives, 2022

Centre for Modern Indian Studies, University of Gottingen, 2022

UNU-WIDER Development Conference, "Reducing Inequality", 2022

Indian Society for Labour Economics, 2019, 2022

International Association for Feminist Economists Annual Meetings, 2018, 2019, 2021, 2022

Women and Work in Delhi, Institute for Human Development and Institute of Social Studies Trust, India, 2021

Society for Economic Research in India, 2021

SAHAJ, Equal Measures 2030, 2019

Annual Academy of Management Conference, Chicago, 2018

Annual Sustainability and Development Conference, Ann Arbor, Michigan, 2018

Inequality within Couples Workshop, Humboldt University, Berlin, 2018

First LIS Users Conference, Belval, Luxembourg, 2017

Population Association of America Annual Meetings, Washington DC, 2017

WORLD Working Meeting on Global Poverty Alleviation, University of California, Los Angeles, 2017

Council for Social Development, New Delhi, 2017

National Centre for Applied Economic Research, New Delhi, 2017

International Health Economics World Congress, Milan, 2015

Allied Social Sciences Association Meetings, Boston, 2015

Ministry of Statistics and Programme Implementation, New Delhi, 2015

PROFESSIONAL SERVICE

Reviewer: Agricultural Economics, Demography; Development Policy Review; Feminist Economics, Health Policy and Planning, IIMB Management Review, Journal of Development Studies, Journal of Economic Inequality; Land Economics, Oxford Development Studies, World Bank Economic Review, World Development, Indian Journal of Labour Economics

Member: Editorial Board, Feminist Economics, 2016 - current

Member: Institutional Ethics Committee, Indian Institute of Technology Madras, 2023-2026

CONSULTANCIES

Asian Development Bank, Food and Agriculture Organization of the United Nations, International Center for Research on Women, Washington DC, United Nations Development Program

AWARDS AND SCHOLARSHIPS

- Shireen Lateef Gender Operations Award for Best Gender Knowledge Product (Asian Development Bank), Report (co-authored with ADB's EDGE team), titled 'Measuring Asset Ownership and Entrepreneurship from a Gender Perspective: Methodology and Results of Pilot Surveys in Georgia, Mongolia, and the Philippines'. 2018
- Offered Bernard Berelson Post-doctoral Residential Fellowship, Population Council, 2003
- Intl. Students & Scholars Grant-in-Aid Fellowship, Penn State University, 2000, 2002, 2003
- Diss. Grant, Penn State University & Women in Sciences & Engineering Institute, 2001
- Global Travel Award, Intl. Programs, College of Ag. Sciences, Penn State University, 2001
- Membership in Honor Society of Ag.: Gamma Sigma Delta for academic excellence, 1999
- Overseas Development Authority Shared Scholarship Scheme for MSc., ODA, 1994
- Mafatlal Scholarship for academic excellence, Sophia College, University of Mumbai, 1993
- Motilalji Agarwal Scholarship for service, Sophia College, University of Mumbai, 1992
- S. Doshi Scholarship for academic excellence, Sophia College, University of Mumbai, 1992

LANGUAGES

Bengali: Spoken (fluent), Reading (moderate), Writing (basic) Hindi: Spoken (fluent), Reading (fluent), Writing (moderate)

Tamil: Spoken (fluent)

Kannada: Spoken (moderate)