
C U R R I C U L U M V I T A E

O F

Brinda Viswanathan

P E R S O N A L

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Associate Professor, Madras School of Economics (MSE)
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E D U C A T I O N

Indira Gandhi Institute of Development Research (IGIDR) *1992-1998*
Mumbai, India

Ph.D. awarded in December 1998 after successfully defending thesis titled *Some Econometric Issues in Consumer Behaviour Analysis*. The thesis analyses the structural changes in consumption pattern in India for the rural and urban sectors separately using National Sample Survey data over a period of forty years.

Post Graduate Diploma in Development Policy awarded July 1993 after successful completion of the graduate coursework in Economics.

Indian Institute of Technology (IIT) *1990 - 1992*
Kanpur, India

Master of Science in *Statistics*

University of Lucknow *1986 - 1989*
Lucknow, India

Bachelor of Science in *Statistics and Mathematics*

R E S E A R C H / T E A C H I N G E X P E R I E N C E

Associate Professor at Madras School of Economics, Chennai: **May 2006 till date**

Visiting Faculty at Madras Institute of Development Studies, Chennai: **August 2015 to June 2016** (*11 months sabbatical leave from MSE*)

Associate Professor at Institute for Social and Economic Change, Bangalore: **May 2005 to May 2006** (*One year leave from MSE*)

Assistant Professor at Madras School of Economics, Chennai: **February 2000-May 2005**
Sabbatical Fellow, World Institute for Development Economics Research, (UNU-WIDER) Helsinki: **March to June 2004**

Research Associate at Madras School of Economics, Chennai: **October 1999 to February 2000**

Post-doctoral Fellow at Center for Development Economics, Delhi School of Economics, Delhi: **May 1998 to October 1999**

A W A R D S / V I S I T I N G F E L L O W S H I P S

Visiting Fellow to Department of International Business and Asian Studies, Griffith University, Brisbane, April-May 2011 under the International Visitor Fellowship programme of the University.

Sabbatical Fellowship from *World Institute for Development Economics Research*, (UNU-WIDER) Helsinki, March-June 2004.

Fellowship and eligibility for Lectureship after clearing the NET examination (Statistics) conducted by University Grants Commission and Council of Scientific and Industrial Research, India in September 1992.

COMPUTER SKILLS

Operating Systems: UNIX, DOS and Windows
Programming Language: FORTRAN
Econometric Software: SHAZAM, STATA, SPSS, and EVIEWS
Other Software: GAMS (Optimization software)
MSOffice (Spreadsheet and Word-processing)

RESEARCH OUTPUT

A : PUBLICATIONS

- “Estimation of Calorie Norms and Measurement Food Intakes: Some Implications for the Magnitudes of the Prevalence of Undernutrition in India”, in K. L. Krishna, V. Pandit, K. Sundaram, Pami Dua (eds.) *Perspectives on Economic Development and Policy in India*, in memory of Prof. Suresh D. Tendulkar, 2017, Springer, co-authored with J. V. Meenakshi^s.
- “Revisiting the Determinants of Child Anthropometric Indicators in India Using Seemingly Unrelated Regressions Model”, *Indian Journal for Human Development*, 2017, Vol. 10 (3), 1-17, co-authored with G. Naline^s. DOI: 10.1177/0973703017695886
- ‘Use of Kerosene for Cooking in India: Recent Trends and Environmental Implications’, *Review of Development and Change*, XXI(1), 65-87, 2016. Co-authored with K. S. Kavi Kumar.
- “Carbon Intensity and Labour Intensity in India” in *Environment and Development: Essays in Honour of Dr. U. Sankar*, in K. R. Shanmugam and K.S. Kavi Kumar (eds.), Co-authored with Ishwarya Balasubramanian^s, Sage Publications, Pvt. Limited, 2016
- “Financial Market and Growth: Evidence from Post-Reforms India”, *Cogent Economics & Finance*, 2015, 3: 1057-417, co-authored with Prity Sinha and G. Badri Narayanan^s; <http://dx.doi.org/10.1080/23322039.2015.1057417>.
- “Weather, Agriculture and Rural Migration: Evidence from State and District Level Migration in India”, *Environment and Development Economics*, Vol. 20 (4), August 2015. . Co-authored with K. S. Kavi Kumar.
- “Child Underweight and Agricultural Productivity in India: Implications to Public Provisioning and Women’s Agency”, *Review of Radical Political Economics*, May. 2015, Co-authored with Swarna Sadashivam Vepa^s, R.V. Bhavani and Rohit Parasar. DOI: 10.1177/0486613415584587
- “Women’s Malnutrition in India: The Role of Economic and Social Status”, *Margin-The Journal of Applied Economic Research*, 2015, Vol. 9(3), 306-332, Co-Authored with Shikha Dahiya^s. doi:10.1177/0973801015579756
- “Measuring Labour Market Insecurity in Rural India: A Gendered Analysis” book chapter in *Indian Economy in Transition: Emerging Issues and Challenges-Essays in Honor of C.T. Kurien*, edited by R. Maria Saleth, S. Janakarajan and L. Venkatachalam, SAGE Publications, 2015. Co-authored with Padmini Desikachar.

- “Household Level Pollution in India: Patterns and Projections” book chapter in *Indian Economy in Transition: Emerging Issues and Challenges-Essays in Honor of C.T. Kurien*, edited by R. Maria Saleth, S. Janakarajan and L. Venkatachalam, SAGE Publications, 2015. Co-authored with K. S. Kavi Kumar^s.
- “Child Underweight Rates in the Context of Agriculture”, *Undernutrition in India and Public Policy*, editor(s) Sonalde Desai, Amit Thorat, Deepta Chopra and Lawrence Haddad, joint publication by NCAER (Delhi)-IDS (Sussex)-Routledge, 2015, Co-authored with Swarna S. Vepa^s, Sandeeptha Dhas, Vinodhini Umashankar and R V Bhavani
- “Gender Dimensions of Migration and Labour Force Participation in India: Evidence from NSSO data”, *Sarvekshana Issue No.99*, 2014, Co-authored with K. Shanthi.
- “Trend and Pattern of Employment in Tamil Nadu: Some Recent Trends, 1980s versus 1990s”, book chapter in V. K. Natraj and A. Vaidyanathan (eds.), *Development Narratives: The Political Economy of Tamil Nadu*, Academic Foundation, 2014.
- “Variations in Women’s Heights across Social and Religious Groups among Indian States”, *Social Indicators Research*, Volume 119, Issue 2 (2014), Page 1149-1169 DOI 10.1007/s11205-013-0531-4, Online First Publication.
- “Estimation of Calorie Norms and Measurement of Food Intakes: Some Implications for The Magnitudes of The Prevalence of Undernutrition in India”, *Indian Economic Review*, Vol. 48 (1), 167-188, [Special Issue on “Perspectives on Economic Development and Policy”]. Co-authored with J. V. Meenakshi^s.
- “Household Level Pollution in India: Patterns and Projections”, *Climate and Development* Vol. 5 (4), September 2013, Co-authored with K. S. Kavi Kumar^s.
- “Influence of Weather on Temporary and Permanent Migration in Rural India”, *Climate Change Economics*, Vol. 5 (3). August 2013, Co-authored with K. S. Kavi Kumar^s.
- “Female Labour Mobility and Urban Employment in India”, in *Migration, Health and Development*, S. Lahiri, B. Paswan and K. C. Das (eds.) Rawat Publications, Jaipur: 2011. Co-authored with K. Shanthi.
- “Causality between Foreign Direct Investment and Tourism: Empirical Evidence from India” *Tourism Analysis* Vol.16, Number 3 or 4, 2011, co-authored with Saroja Selvanathan, and E. A. Selvanathan^s.
- “Changes in Adult Heights: Comparing Tamil Nadu with Punjab” in *Population Dynamics and Human Development: Opportunities and Challenges- Vol. I*, T. Lakshmanasamy (Ed), Bookwell, Delhi: 2010.
- “Trade Liberalisation and Internal Female Migration in India” in *Population Dynamics and Human Development: Opportunities and Challenges- Vol. II*, T. Lakshmanasamy (Ed), Bookwell, Delhi: 2010. Co-authored with K. Shanthi.
- “Socio-economic Differences in Heights of Adult Indian Women”, in *Journal of Developing Societies*, 2009, Vol. 24(4) 421-455, co-authored with Viney Sharma.
- “*Agricultural Development, Rural Institutions And Economic Policy: Essays in honour of Professor A Vaidyanathan*”, Oxford University Press, 2009, co-edited with Gopal. K. Kadekodi.
- “What Characterizes Women Vulnerable to Chronic Energy Deficiency in India?” , *Social Indicators Research*, 2009, 90, 365-380, co-authored with K.S. Kavi Kumar and Maithili Ramachandran.
- “Modeling the Domestic and Foreign Tourist Arrivals to Tamil Nadu, India”, 2009, *Applied Economics*, Vol. 41, 3131-3142, Co-authored with S. Selvanathan, Muthu Mangai, M., E.A. Selvanathan.

- “Vulnerability to Globalization in India: Relative Rankings of States using Fuzzy Models” in Machiko Nissanke and Erik Thorbecke (eds.) *Globalization and the Poor in Asia: Can Shared Growth be Sustained?*, Palgrave Macmillan, 2008. Co-authored with K. S. Kavi Kumar.
- “Living Conditions of Women”, in Bjorn Lomborg (ed.) *Solving the World’s Problems – the Benefits and Costs*, Cambridge University Press, 2008.
- “Changing Pattern of Undernutrition in India: A Comparative Analysis across Regions” in Shabd S. Acharya, Benjamin Davis, and Basudeb Guha-Khasnobis (eds.) *Food Security: Indicators, Measurement, and the Impact of Trade and Openness*, UNU-WIDER Studies in Development Economics, Oxford University Press, 2008, Co-authored with J. V. Meenakshi.
- “Changing Structure of Income Indoor Air Pollution Relationship in India”, *Energy Policy*, Vol. 35(11), p.5496-5504, Nov 2007 Co-authored with K. S. Kavi Kumar.
- “Trade, Development, and Regulatory Issues in Food”, *Food and Nutrition Bulletin*, Vol. 28, no.1 (supplement), 2007, S123-S140, co-authored with S. Ramaswamy.
- “Who gets Access to School Meals in India?: Evidence from NSS data for 1999-2000” *Economic and Political Weekly*, February, 11, 2006, 497-505.
- “Calorie Deprivation in Rural India, 1983-1999/00: Evidence from Unit Record Data”, in V. Kozel and A. Deaton (eds.) *Poverty in India: A Global Challenge, A Global Debate*, Macmillan India Limited; 2005. Co-authored with J. V. Meenakshi.
- “Cooking Fuel Use Patterns in India: 1983-2000”, *Energy Policy*, Vol33/8, May 2005, 1021-1036. Co-authored with K. S. Kavi Kumar.
- “Calorie Deprivation in Rural India, 1983-1999/00”, *Economic and Political Weekly*, January 2003. Co-authored with J. V. Meenakshi.
- “Developing Country Nutrition Does Improve with Income: A Look at Calorie and Protein Intakes, 1983 to 1993/94”, *Sarveksbana*, Vo. XXIV No. 2&3, 85th Issue October 2000-March 2001. Co-authored with J. V. Meenakshi.
- “Structural Breaks in Consumption Patterns: India, 1952-1991”, *Applied Economics*, July 2001, 33, 1187-1200.
- “Economic Reforms in India: A Welfare Evaluation”, *Development Policy Review*, Vo. 18 (2), June 2000, 139-155.

B : REPORTS, WORKING PAPERS AND BOOK REVIEWS

- “Child Underweight, Land Productivity and Public Services: A District-Level Analysis for India”, *LANSAs working Paper Series*, Volume 2016 No 6, co-authored with Swarna Sadasivam Vepa, Rohit Parasar, and R.V. Bhavani
http://ims.ids.ac.uk/sites/ims.ids.ac.uk/files/documents/land%20productivity%20and%20child%20underweight%20in%20template%2020-04-2016%20final_1_0.pdf
- “Revisiting the Determinants of Child Anthropometric Indicators in India Using Seemingly Unrelated Regressions Model”, *Working Paper no. 143/2016*, Madras School of Economics. Co-authored with G.Naline.
- “Kerosene Consumption in India: Welfare and Environmental Issues”, *Working Paper no. 138/2016*, Madras School of Economics. Co-authored with K.S.Kavi Kumar.
- “Dietary Diversity and Women’s BMI among Farm Households in Rural India”, *LANSAs Working Paper # 3*, Co-authored with Getsie David, Swarna Vepa and R V Bhavani. September 2015.
http://lansasouthasia.org/sites/default/files/LANSAs_Working_%20Paper_%20Series_%20No3.pdf

- “Women’s Malnutrition in India: The Role of Social and Economic Status”, *Working Paper no. 93/2014*, Madras School of Economics. Co-authored with Shikha Dahiya.
- “Prevalence of Undernutrition and Evidence on Interventions: Challenges for India”, *Research Monograph No.49/2014*, Madras School of Economics, Chennai.
- “Enumeration of Crafts Persons in India”, *Research Monograph No.25/2013*, Madras School of Economics, Chennai.
- “Estimation of Wood Demand and Supply in Tamil Nadu” *Research Monograph No.24/2013*, Madras School of Economics, Chennai. Co-authored with K. S. Kavi Kumar and I. Zareena Begum.
- “Weather Variability, Agriculture and Rural Migration: Evidence from State and District Level Migration”, Working Paper No. 83-13, SANDEE. Co-authored with K. S. Kavi Kumar
- “Rural Migration, Weather and Agriculture: Evidence from Indian Census Data”, MSE Working Paper 80/2013, Co-authored with K. S. Kavi Kumar.
- “Weather and Migration in India: Evidence from NSS Data”, MSE Working Paper, 79/2013 Co-authored with K. S. Kavi Kumar.
- “Weather Variability and Agriculture: Implications for Short-term and Long-term Migration in India”, *Working paper No. 220*, 2012, Center for Development Economics, Delhi School of Economics, New Delhi.
- “Patterns of Labour Market Insecurity in Rural India: A Multidimensional and Multivariate Analysis”, *Working paper No.62, December 2011*, Madras School of Economics, Chennai. Co-authored with Padmini Desikachar.
- “Household Level Pollution in India: Patterns and Projections”, *Working paper No.58, June 2011*, Madras School of Economics, Chennai. Co-authored with K.S. Kavi Kumar.
- Contributions to UNEP, 2011, *Towards a Green Economy: Pathways to Sustainable Development and Poverty Eradication*, to the Chapters on Green Buildings and Green Cities, co-authored with several researchers.
- http://hqweb.unep.org/GreenEconomy/Portals/93/documents/Full_GER_screen.pdf
- Book Review* of ‘Daughter Deficit: Sex Selection in Tamil Nadu’, by Sharada Srinivasan; Women Unlimited: 2011’, titled *The Mystery of the Missing Girls*, The Hindu dated 5th June 2012.
- <http://www.thehindu.com/arts/books/article3491082.ece>
- Commentary* ‘Counting Undernourished Children in’, Economic and Political Weekly, May 2012, vol xlvii no 20. 20-24.
- Book Review* of ‘Poverty, Inequality and Population- Essays in Development and Applied MEasurement’ Edited by D. Jayaraj and S. Subramanian; Oxford University Press: 2012’. The Hindu dated 12th April 2010.
- <http://www.hindu.com/br/2011/04/12/stories/2011041250121600.htm>
- Book Review* of ‘The Poor Half Billion In South Asia — What is Holding Back Lagging Regions?’ Edited by Ejaz Ghani; Oxford University Press’. The Hindu dated 28th December 2010.
- <http://www.hindu.com/br/2010/12/28/stories/2010122850161500.htm>
- Urban Poverty Reduction Strategy: Six City Level Case Studies*, Report submitted to the Ministry of Housing and Urban Poverty Alleviation and also *Research Monograph No.7/2010*, Madras School of Economics, Chennai. Co-authored with D. K. Srivastava, C. Bhujanga Rao and Swarna S Vepa.

- Enumeration of Crafts Persons in India*, Report submitted to Crafts Council of India, Chennai. June 2010.
- Book review* of 'Gender and Discrimination: Health Nutritional Status and Role of Women in India' by Manoranjan Pal, Premananda Bharati, Bholanath Ghosh and T.S.Vasulu (Eds.), OUP: New Delhi, 2009 in *The Book Review*, Vol. XXXIV No.2 February 2010.
- "From Fisheries Development to Coastal Development in Tamil Nadu: Possible Implications for Fisher Wellbeing", Working Paper Prepared for ESPA Workshop 1, for the *Project on Building Capacity for Sustainable Governance in South Asian Fisheries: Poverty, Wellbeing and Deliberative Policy Networks*, April 2009, www.wellcoast.org/bsg. Co-authored with Ajit Menon.
- "Causality between Foreign Direct Investment and Tourism: Empirical Evidence from India" *Working paper No.46, 2009, Madras School of Economics*, Chennai. Co-authored with Saroja Selvanathan, and E.A.Selvanathan.
- "Socio-economic Characteristics of the Tall and Not so Tall Women of India", *Working paper No.41, January 2009, Madras School of Economics*, Chennai. Co-authored with Viney Sharma.
- "Changing Pattern of Undernutrition in India: A Comparative Analysis across Regions" *Research Paper No. 2006/118, October 2006, WIDER Research Paper series, World Institute for Development Economics Research*, (UNU-WIDER) Helsinki. Co-authored with J.V.Meenakshi.
- "Vulnerability to Chronic Energy Deficiency: An Empirical Analysis of Women in Uttar Pradesh, India" *Working Paper No.12 October 2006, Madras School of Economics*. Co-authored with Maithili Ramachandran and K. S. Kavi Kumar.
- "Small Area Estimates of Selected Welfare Indicators: Results for Uttaranchal", Project report, November 2005, *World Food Programme: New Delhi and India Development Foundation: Gurgaon*. Co-authored with Shubhashis Gangopadhyay, Rajnish Kumar, PAN Network, Maithili Ramachandran, T. O. Sridevi, and Wilima Wadhwa.
- "Vulnerability to Poverty Using Fuzzy Models: Relative Rankings across States in India", *Research Paper No. 2006/40, April 2006, WIDER Research Paper series, World Institute for Development Economics Research*, (UNU-WIDER) Helsinki. Co-authored with K. S. Kavi Kumar.
- "Health, Poverty and Vulnerability: An Empirical Analysis of Women in Uttar Pradesh, India", <http://ssrn.com/abstract=875812>, Co-authored with Maithili Ramachandran and K. S. Kavi Kumar.
- "Economic Liberalisation, Targeted Programmes And Household Food Security: A Case Study of India", *MTID Discussion Paper No. 68, May 2004, International Food Policy Research Institute, Washington D.C.* Co-authored with S. Mahendra Dev, C. Ravi, A.Gulati, S. Ramachander.
- "Does Environment Kuznet's Curve Exist for Indoor Air Pollution? Evidence from Indian Household Level Data", *Working paper No.3, April 2004, Madras School of Economics*, Chennai. Co-authored with K. S. Kavi Kumar.
- Book review* of 'Voluntary Action in Health and Population: the Dynamics of Social Transition' by Sunil Mishra (Ed.) (Sage Publications) in *Review of Development and Change*, July-December 2004.
- "Is Pollution Income Relationship Non-monotonic?: Evidence Based on Indoor Air Pollution in India", SSRN Working Paper, October 2003, <http://ssrn.com/abstract=476321>. Co-authored with K.S.Kavi Kumar.
- Book review* of 'Economic Reforms and Social Sector Development' by Seetha Prabhu (Sage Publications) in *Indian Economic Review*, December 2002.

“Calorie Intake Patterns of Rural Indian Households”, *Medico Friends Bulletin*, December 2001. Co-authored with J. V. Meenakshi.

“Structural Breaks in Consumption Patterns: India, 1952-1991”, *Working Paper No. 61*, Center for Development Economics, Delhi School of Economics, Delhi.

C : COMPLETED PROJECTS

Background Paper for India Public Policy Report on *Poverty, Hunger and Malnutrition*’.

Leveraging Agriculture for Nutrition in South Asia (LANSA), as project consultant which is a multi-institutional consortium of partners from Bangladesh, India, Pakistan, UK and USA led by M. S. Swaminathan Research Foundation, Chennai (India) to address the challenge of undernutrition in South Asia. The project is funded by DFID (UK).

‘Weather Variability, Agriculture and Rural Migration: Evidence from India’ supported by SANDEE under the theme of Migration and Climate Change a part of five-country study, February 2012.

‘Economics and Employment issues in Green Buildings’ and ‘Aspects of Employment and Inclusive Growth for Sustainable Cities’ Contributions to *Green Economy Report* of UNEP, February 2011.

Handicrafts and Handloom Estimation Project as Research Consultant for Crafts Council of India.

Urban Poverty Reduction Strategy: Six City Level Case Studies September 2009, co-investigator. Project was supported by UNDP.

Wood Balance Study for Tamil Nadu, June 2009, co-investigator. Project was supported by the State Forest Research Institute, Department of Tamil Nadu.

National Strategy for Urban Poor: A Study of Slums in Chennai, co-investigator Sponsored by GOI-UNDP, March 2007 to December 2007.

“A Review of Issues in Food Security and Malnutrition in India”, A Research Report prepared for Food and Agricultural Organization, Rome May 2006-June 2007 (co-authored with J.V. Meenakshi).

“Some Aspects of Employment Pattern in Tamilnadu”, A Review Study for Malcolm and Elizabeth Adiseshiah Trust, Chennai. May 2006-October 2006.

“Changing Pattern of Undernutrition in India: A Comparative Analysis Across Regions”. Commissioned article for the *Hunger and Food Security Project* funded by UNU-WIDER, Helsinki and ICSSR, Delhi, co-authored with Dr. J.V. Meenakshi.

“Trade and Regulatory Issues in Nutrient Based Dietary Standards”, Commissioned article for the project on *Harmonizing Concepts and Approaches in Setting Nutrient Based Dietary Standards*. Funded by United Nations University, New York, FAO and WHO, co-authored with Sunder Ramaswamy. Final version submitted in March, 2006.

Small Area Estimates of Selected Welfare Indicators: Results for Uttaranchal, funded by UN-WFP in collaboration with Shubhashis Gangopadhyay, Rajnish Kumar, Pan Network, Maithili Ramachandran, T. O. Sridevi, and Wilima Wadhwa. Final report submitted in November 2005.

Demography and Employment in “Tamilnadu State Development Report”, supported by Union Planning Commission, Government of India, 2003.

“Integrated Child Development Services in India” in *Food Security at Household Level in India*, funded by IFPRI, Washington and Centre for Economics and Social Studies, Hyderabad, 2003.

D : ONGOING PROJECTS / CONSULTANCY

Consultant for LANSA project at MSSRF.

E : CONFERENCE / WORKSHOP PRESENTATIONS

- “Services Sector Employment in India: Evidence from IHDS-2, 2011-12”, Paper presented at *Future of Services Growth: Potential and Constraint*, Organised by Madras Institute of Development Studies and British Northern Universities India Forum, January, 3-4, 2017.
- “Analysis of Child Anthropometric Indicators and their Respective Determinants in India”, paper presented by G. Naline at the TIIKM’s First Annual International Conference on Public Health 2015 titled Progress of Global Health through Equitable Access to Health Systems, 13-14th May 2015, at Colombo, Sri Lanka. Awarded the sessions best paper in the technical session of Public Health Nutrition and Wellness. Co-authored with G. Naline.
- “Child Underweight in India: Implications of Agricultural Land Productivity and Other Public Policy”, paper presented by Swarna S. Vepa at the National Seminar on “Food and Nutritional Security”, March, 30-31, 2015, University of Hyderabad Co-authored with Swarna Sadashivam Vepa, R.V. Bhavani and Rohit Parasar
- “Women's Workforce Participation and Hours of Labour Supplied: How Do the Determinants Vary?” paper presented at the Fifth Seminar Series MSE Faculty Seminar, 21-23, March 2015, Yercaud (Tamil Nadu). Co-authored with Ann Josey.
- “Kerosene Subsidy Removal in India: Welfare and Environmental Effects”, paper presented by K. S. Kavi Kumar at the Fifth Seminar Series MSE Faculty Seminar, 21-23, March 2015, Yercaud (Tamil Nadu). Co-authored with K.S. Kavi Kumar.
- “Analysis of Child Anthropometric Indicators and their Determinants in India”, paper presented by Naline Gandhi at the Fifth Seminar Series MSE Faculty Seminar, 21-23, March 2015, Yercaud (Tamil Nadu). Co-authored with Naline Gandhi.
- “Assessment of Child Malnutritional Indicators in India with PCA”, paper presented by G. Naline at Fourth Conference of Indian Health Economics and Policy Association titled Health System Strengthening and Reforms in India: Retrospect and Prospect, 13-14 February 2015, Department of Economics, University of Rajasthan, Jaipur. Co-authored with G. Naline.
- “Does Farm Production Diversity impact Household Dietary Diversity?”, paper presented by Getsie David, at the 6th Indian Youth Science Congress held at Guntur, Andhra Pradesh from 19th- 21st January 2015, for the session titles "Science and the Zero Hunger Challenge". Co-authored with Getsie David.
- “Child Underweight and Agricultural Productivity in India – Implications for Social Provisioning and Women’s Agency”, paper presented by Swarna S. Vepa at 2015 ASSA Conference, January 3-5, 2015, Boston, USA for the session titled Explorations in Gender and Economic Wellbeing. Co-authored with Swarna Sadashivam Vepa, R.V. Bhavani and Rohit Parasar
- “Determinants of Women’s BMI across Rural Indian Farm Households”, Paper presented by Getsie David at South Asia Conference on Policies and Practices to Improve Nutrition Security, 30-31 July, 2014, India Habitat Center, New Delhi. Co-authored with Getsie David, Swarna Vepa and R. V. Bhavani

- “Child Underweight, Child Health, and Agricultural Worker Productivity; A District Level Analysis”, Paper presented by Rohit Parasar at South Asia Conference on Policies and Practices to Improve Nutrition Security, 30-31 July, 2014, India Habitat Center, New Delhi. Co-authored with Swarna Vepa, Rohit Parasar and R. V. Bhavani.
- “Farm Production Diversity, Consumption Diversity and Women’s BMI: A Study across Rural Indian Farm Households”, at *The Fourth MSE Faculty Seminar Series*, 27th-28th February, 2014, Central University of Tamil Nadu, Thiruvavur and also at at MSSRF, Chennai on 1st February 2014.
- “Agricultural Pathways for Improving BMI of Women in India”, in *The State, Market and the Agripreneurs*, April 3-5 2013, Indira Gandhi Institute for Development Research, Mumbai (India).
- “Internal Migration and Female Labor Force Participation in India: Spatial, Social and Temporal Dimensions”, 3rd MSE seminar Series, Madras School of Economics, Chennai, 23rd-24th January, 2013.
- “Weather Variability, Agriculture and Rural Migration: Evidence from India” in Pre-conference on Migration and Environment, 17th October 2012, part of the Second International Conference on Environment and Natural Resources Management in Developing and Transition Economies (ENRMDTE), 17-18-19 October, University of Auvergne (Clermont-Ferrand, France) **and** Conference in Climate Change and Development Policy, 27th-28th September, 2012, World Institute for Development Economics Research, Helsinki.
- “Weather Variability, Agriculture and Rural Migration in India”, SANDEE, Research and Training Workshop, Colombo, June 2012; co-authored with K.S. Kavi Kumar.
- “Emission Intensity and Labour Intensity- Linkages and its Implications for Inclusive Growth in India”, 2nd MSE seminar Series, Pondicherry, March 2012; co-authored with Ishwarya Balasubramanian.
- “Climate Change, Agricultural Impacts and Migration- Commentary”, 2nd MSE seminar Series, Pondicherry, March 2012; presented by co-author K.S. Kavi Kumar.
- “Climate Change, Agricultural Impacts and Migration in India”, EEPSEA/SANDEE Cross Country workshop on Climate Change and Migration Project, Phnom Penh, November 2011; co-authored with K.S. Kavi Kumar
- “Measuring Labour Market Insecurity in Rural India”, Presented at National Seminar in Honour of Prof. C. T. Kurien; *Indian Economy in Transition: Prospects, Issues and Concerns*, Madras Institute of Development Studies, Chennai, February, 2011; co-author Padmini Desikachar
- “Household Level Pollution in India: Patterns and Projections” Presented at National Seminar in Honour of Prof. C. T. Kurien; *Indian Economy in Transition: Prospects, Issues and Concerns*, Madras Institute of Development Studies, Chennai, February, 2011; presented by co-author K. S. Kavi Kumar
- “What do we know about the Biological Standard of Living in India?”, Presented at the *Seminar Series, Madras School of Economics*, August, 2010.
- “Measuring Labour Market Insecurity in Rural India: Evidence from National Sample Survey Data”, Paper presented by co-author Padmini Desikachar at *Seminar Series, Madras School of Economics*, August, 2010.
- “Lower Emission Intensity and Higher Labour Intensity: The Linkages and its Implications for Inclusive Growth in India”, Paper presented by co-author Ishwarya Balasubramanian at *Beyond the Macroeconomic Crisis—Towards Inclusive Growth and Sustainability*, The Fifth International Conference on Public Policy and Management at Indian Institute of Management, Bangalore, August 2010.

- “Measuring Livelihood Insecurity in Rural India: Evidence from National Sample Survey Data”, Paper presented by co-author Padmini Desikachar at *Beyond the Macroeconomic Crisis—Towards Inclusive Growth and Sustainability*, The Fifth International Conference on Public Policy and Management at Indian Institute of Management, Bangalore, August 2010.
- “Adequate Access to Electricity in Rural India: Institutional Aspects in Delivery”, Paper presented at *Development Convention, 2009-10 on Institutional Aspects in New Development Paradigms*, January, 2010, ISEC, Bangalore.
- “Nutrition Security through Improved Targeting”, *Workshop on Food Security and PDS Reforms*, July, 2009, Organised by Planning Commission, Government of India; Institute of Development Studies, Sussex; and University of Jamia Milia Islamia, Delhi.
- “Interactive Governance, Sustainable Marine Ecosystem and Well-being of Fishers: The Case of Tamil Nadu”. Co-authored with Ajit Menon. Presented at *ESPA workshop on Building Sustainable Governance*, Anna University, April 2009
- “Changes in Adult Heights: Comparing Tamil Nadu with Punjab”, Paper presented at the *International Conference on Measuring Human Development*, organized by University of Madras, November, 2008.
- “Who is getting Taller in India?” Paper presented at the *International Conference on Measuring Human Development*, organized by National Council of Applied Economic Research and University of Maryland, May 2008, New Delhi.
- “The Challenge to Improve Living Conditions of Women”, Paper presented at the Conference *Bill Gates for a Day*, Problem paper for Copenhagen Consensus, Copenhagen Business School, Copenhagen, March 2007.
- “Nutritional Status and Security in India: Evidence and Issues” Paper Presented at the Conference on *Sustainable Development and Livelihoods*, Delhi School of Economics, February 2007.
- “Female Labour Mobility and Urban Employment in India” paper presented at the *International Conference on Emerging Population Issues in Asia Pacific Region: Challenges for the 21st Century*, December, 2006, Mumbai.
- “Vulnerability to Chronic Energy Deficiency: An Empirical Analysis of Women in Uttar Pradesh, India” paper presented at *Health and Nutrition Workshop* at Centre for Development Economics, Delhi School of Economics on March 2006. Co-authored with Maithili Ramachandran and K. S. Kavi Kumar.
- “Changing Pattern of Undernutrition in India: *A Comparative Analysis Across Regions*”, Paper presented at the final WIDER-ICSSR project meeting on *Hunger and Food Security*, October, 2005, Helsinki (Finland). Co-authored with J. V. Meenakshi.
- “Vulnerability to Poverty Using Fuzzy Models: Relative Rankings Across States in India” Paper presented at the UNU-WIDER conference on *Impact of Globalisation on the Poor in Asia*, April 2005, Tokyo (Japan). Co-authored with K. S. Kavi Kumar.
- “Nutrient Security in India: spatial variations and temporal changes”, Presented at a Workshop on *WIDER-ICSSR Food Security Project*, March, 2005, Jaipur (India). Co-authored with J. V. Meenakshi.
- “Nutrition Security in Tamilnadu: Which Way is it Heading?” Presented at *Madras School of Economics Seminar Series*, Chennai, September 24, 2004. Co-authored with J. V. Meenakshi.
- “Changing Pattern of Undernutrition in India: A Comparative Analysis across Regions”, Presented in *WIDER Seminar Series*, UNU-WIDER, Helsinki, May 27, 2004. Co-authored with J. V. Meenakshi.

- “Calorie Intake Patterns in India: Variations across Regions and Over Time”, Presented in *WIDER Seminar Series*, UNU-WIDER, Helsinki, April, 2004. Co-authored with J. V. Meenakshi.
- “Impact of Macro Scale Trade Policy Changes on Micro-Scale Household Food Consumption”, Proposal Presentation at the ICSSR-WIDER Workshop on *Spatial Disparities & Challenges of Development, Food Security, and Industrial Clusters*. New Delhi, February 2004.
- “Cooking Fuel Use Patterns in India: 1983-2000”, Presented at *Madras School of Economics Seminar Series*, Chennai, October 2003. Co-authored with K. S. Kavi Kumar.
- “Achieving Household Food Security in Asia: Are the Intervention Programs Effective?”, at the Methodological Workshop on *Market Reforms and Food Security*, organized by IGIDR, Mumbai and IFPRI, Washington, D.C. July, 2002 at IGIDR, Mumbai. Co-authored with Suresh Babu.
- “Nutrient Intake Patterns in Rural India, 1983-1999: A Study of Unit Record Data”, at the *Thirty-Eighth Indian Econometric Society Conference*, January, 2002 at Madras School of Economics, Chennai; **and also at** Workshop on *Poverty Measurement, Monitoring, and Evaluation* jointly hosted by Planning Commission, India and World Bank, January, 2002 at New Delhi. Co-authored with J. V. Meenakshi.
- “Household Size and Demand for ‘Private’ and ‘Public’ Goods in Household Consumption: Evidence from Rural Indian Data”, in the *Winter School* December 2001 at Center for Development Economics, Delhi School of Economics, Delhi.
- “Calorie Intake Patterns of Rural Indian Households: Evidence from Unit Record Data”, in the *Development Convention* November, 2001 at Madras Institute of Development Studies, Chennai. Co-authored with J. V. Meenakshi.
- “Effect of Household Size on Demand for Food: Evidence from Indian Household Level Data”, at the *International Symposium on Development Policies for the New Millennium in honour of Prof. Kirit S. Parikh*, July, 2000 at Indira Gandhi Institute of Development Research, Mumbai.

F : ARTICLES UNDER REVIEW / WORK IN PROGRESS

- “Farm Production Diversity, Household Dietary Diversity and Women’s BMI in rural India”, Co-Authored with Getsie David, Swarna S. Vepa and R.V.Bhavani, under consideration for journal publication.
- “Child Underweight Rates in India-Quantile Regressions Using DHLS-2”, co-authored with Swarna S. Vepa Rohit Parasar and R.V.Bhavani, , under consideration for journal publication.
- “Diversity in Services Sector Employment in India: Evidence from IHDS-2, 2011-12”, under consideration for publication as book chapter.

TEACHING EXPERIENCE

- Have been teaching courses in Statistical Methods, Econometric Methods, Applied Econometrics, Advances in Time-Series and Panel Data Econometrics, Development Economics and Advanced Econometrics, at post-graduate level at Madras School of Economics, Chennai, from 1999 till date.
- Taught some modules of the PhD level courses on (a) Development Economics titled ‘Perspectives on Social and Economic Change’, (b) Basic Statistics and (c) Econometric Methods at ISEC, Bangalore between August 2005 to May 2006.

Supervising two PhD students registered with Madras University - one part-time (inter-disciplinary) PhD student and one full-time PhD student since February, 2011 and December 2012 respectively.

Supervised several master's thesis at the Madras School of Economics on topics in development economics like, inequality, social exclusion, information technology, child mortality, gender and labour market outcomes, vulnerability to health poverty, microfinance, nutritional outcomes, FDI-HDI linkage etc.

Have been resource person in several workshops, summer schools and training programs in India and abroad and continue to do so.

A : INVITED TALKS / SPECIAL LECTURES

“Measurement of Inequality”, *Special Lectures to PhD Research Scholars at ISI, Bangalore*, 28-29th March, 2017 and 18th-19th April, 2017.

“Introduction to Secondary Data” and “Basic Statistics”, 3rd -5th April, 2017, *Lectures to PhD Students of Madras Institute of Development Studies*, Chennai

“Differences in Difference Method: Examples From Policies in India” in *Economics and Econometrics: Use of Economic Theory and Econometrics in Analysing Indian Economic Problems* for UGC Refresher Course, University of Madras, November, 2016.

“Evidence Based Policy Making With Special Reference to Health and Nutrition Sector Interventions”, 8th April, 2016, *Rajiv Gandhi National Institute for Youth Development*, Sriperumbudur.

“Data Sets: Census, NSSO and Others”, *Interdisciplinary Research Methodology Workshop for PhD Scholars*, 9-7-2015, Rajiv Gandhi National Institute for Youth Development, Sriperumbudur.

“Survey Plan and Methodology for Social Dependency Assessment”, in a workshop on *Scoping Consultation for Assessing Dependency Value for CVCA in India*, 28-6-2014, National Centre for Sustainable Coastal Management, Anna University.

“Introduction to Regression Methods” (two sessions on 20-3-2014) in “*Time Series Econometrics and Applications*” for the Senior Level Officers of Indian Economic Service, Government of India sponsored by the Ministry of Finance through the Indian Econometric Society (TIES), March 19 - 28, 2014, MSE (Chennai).

“Multivariate Models: VAR, VECM, Cointegration” Workshop on Time-Series and Panel Data Modeling and Applications, 14th-15th December 2012, Madras School of Economics, Chennai.

“Economic Wealth and its Distribution in Tamilnadu”, *Indo-Dutch Programme*, Institute of Ocean Management, Anna University, Chennai, April, 2012.

“Economics of Malnutrition”, Consultation on Strategic Directives, Operating Models and Advocacy, World Vision, April 2012.

Lectures on (i) *Causality – Concept, Testing and Application* and (ii) *Vector Autoregression Models – Application and Exercise*, 2nd Advanced Course on Econometrics with Focus on Time Series for RBI officers, March, 2012, RBI Staff College, Chennai.

Member of Panel for a Panel Discussion on Human Development, Workshop on *Inclusive Growth and Human Development*, organized by Department of Economics, University of Madras, January 2012.

Lectures on ‘Estimation of Consumer Demand and Models’, for fourth year students of Department of Humanities and Social Sciences, Indian Institute of Technology, Madras, November 2011.

- “Data Issues in Measuring Gender Gap in Empowerment”, *Department of Economics and Statistics, Government of Tamil Nadu as part of celebrations for National Statistics Day*, June 2011.
- “Distribution of Economic Wealth in Tamil Nadu”, *International Course on Issues of Leadership in Coromandel Coast*, Institute of Ocean Management, Anna University, Chennai, April, 2011.
- “Decentralization and Statistical Data”, *Department of Economics and Statistics, Government of Tamil Nadu as part of celebrations for National Statistics Day*, June 2010.
- “Econometric Applications in Management” *AICTE sponsored Staff Development Program - Data Analysis for Management Research*, Department of Management Studies, Vel Tech Dr. R.R. & Dr. S. R. Technical University, June 2010.
- “Spatial and Social Distribution of Economic Activities and Wealth in Tamil Nadu”, *International Course on Coastal Well-Being, Fish Trade and Water Management*, Institute of Ocean Management, Anna University, Chennai, April, 2010.
- “Measuring Gender Differences Using Adult Nutritional Status”, *MIDS - LAWS Workshop On Feminist Research Methodology*, Madras Institute of Development Studies Chennai, February 2010.
- “Econometric Models with Dummy Dependent Variables”, *Workshop on Applications in Quantitative Techniques in Social Science Research*, Periyar University, Salem, July 2009.
- “Hyperbolic versus Exponential Discounting”, *UGC Refresher Course*, University of Madras, Chennai, December, 2009.
- “From Poverty to Well-being Challenges for the Development Process”, *Workshop on Emerging Concerns and Challenges for Social Work*, Madras School of Social Work, Chennai, February 2009.
- Set of five lectures on “Statistical Methods” delivered to *PhD scholars at Madras Institute of Development Studies*, December 2008.
- Lectures on “Health Indicators and Health Care Delivery in India” and “Issues in Female Labour Force Participation in India”, *UGC Refresher Course*, Madras School of Economics, December 2007.
- Set of six lectures in “Time Series Modeling”, *Faculty Development Program on Econometrics for Management Research*, Indian Institute of Management, Kozhikode, September 2007.
- Lecture on “Income Support, Food Subsidies and Nutrition Programs”, *Summer School on Food Security and Famine Prevention*, Unidea (Unicredit Foundation) and University of Florence, Civita Castellana (Italy), July 2006.
- Lecture on “Simultaneous Equation Models”, *Training program for the officers of Reserve Bank of India*, Reserve Bank of India Staff College, Chennai, January 2005.
- Member of Panel to debate on “Micronutrient Deficiency: A Drain on the Economy”, *National Nutrition Board, Bangalore on the occasion of National Nutrition Week*, September 2005.
- “Behavioural Economics: Bringing Back Psychology to Economics”, *Workshop on Economy as a Complex System*, Institute of Mathematical Sciences, Chennai, December 2004.
- “Univariate Time Series Modeling”, *Workshop on Mathematics for Finance to Indian Bank Officers*, December 2004.
- Co-chaired the session: “Workforce in Tamilnadu” *Workshop on the results of the Census of India 2001*, Directorate of Census Operations Tamilnadu, Chennai (India), July 2004.
- Chaired the session: “Social Capital and Conflict” *WIDER conference on Making Peace Work*, Helsinki (Finland), June 2004.

Lecture on “Simultaneous Equation Models” *Training Program for the Officers of Reserve Bank of India*, Reserve Bank of India Staff College, Chennai, August 2003.

Annual meeting of UN Sub-Committee on Nutrition, MSSRF, Chennai, March 2003.

Two lectures on “Business and Economic Forecasting: Some Basic Techniques” *UGC orientation program for the college teachers in Tamil Nadu*, Annamalai University, September, 2002

Second Bayesian Econometrics Workshop, Indian Statistical Institute, Bangalore, January 2000.

REVIEW ACTIVITIES / MEMBER OF COMMITTEES

Journals: Agricultural Economics, Asian Population Studies, Economics and Human Biology, *Economia Politica*, European Journal of Development Research, Food Policy, Indian Economic Journal, Indian Economic Review, Journal of Asia Pacific Economy, Journal of Development Studies, Journal of Quantitative Economics, PLOS One, Review of Development and Change, Review of Development Economics, Sarvekshana, Vikalpa, World Development.

ORGANIZATIONAL RESPONSIBILITIES

Placement Coordinator at Madras School of Economics: 2014-.

Periodically evaluate MPhil/PhD thesis from University of Delhi, University of Mysore, Griffiths University (Brisbane, Australia).

Viva-voce examiner for MPhil/PhD thesis, University of Delhi, University of Madras.

Member of Doctoral Committee for PhD students at Stella Maris College, MIDS and IIT Madras.

Member of Programme Advisory Committee of the Malcolm and Elizabeth Adishesiah Trust, Chennai 2011-.

Member of Board of Studies, Stella Maris College, Chennai 2011-2014.

Member of the *Steering Committee on Economic Policy Research* for Reserve Bank of India 2011-2014.

Seminar Coordinator at Madras School of Economics: 2007-08, 2012-2014.

Exam Coordinator at Madras School of Economics: 2011-2013.

Faculty Adviser for M.Sc. Economics, 2013, 2006-2008 and 2000-2002.

Course Coordinator for a Workshop on *Econometrics of Panel Data*, for Research Scholars and College Teachers 23rd -24th July, 2010 at Madras School of Economics.

Member of *Database Committee* of MSE since June 2008 and earlier 2002-2004.

Co-organized the conference on “*Macroeconomic Policies, Agriculture and Institutions: A Conference in Honour of Prof. A. Vaidyanathan*” 9-10 April 2006 at ISEC, Bangalore.

Organized a Half a day workshop on “Socio-Economic Analysis using Census Data”, *Census Data Dissemination Workshop* at Madras School of Economics, Chennai 10th March, 2005.

Member of *Library Committee*, MSE, July 2004-September 2005.