

**Sowmya Dhanaraj**  
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### **EMPLOYMENT**

07/2017 – Present: Assistant Professor, Madras School of Economics (MSE)  
08/2017 – 10/2017: Visiting Scholar, United Nations University – World Institute of Development Economics Research (UNU-WIDER)  
08/2014 – 06/2017: Lecturer, Madras School of Economics (MSE)  
06/2014 – 07/2014: Project Officer, Department of Management of Studies, Indian Institute of Technology (IIT) - Madras

### **EDUCATION**

2010 – 2017: Ph.D. in Development Studies, Indira Gandhi Institute of Development Research (IGIDR), Mumbai, 2017  
2008 – 2010: M.S. (by Research) in Financial Economics, Indian Institute of Technology (IIT)- Madras, Chennai, 2011  
2004 – 2008: B.E. (Hons.) in Electrical & Electronics Engineering, Birla Institute of Technology & Science (BITS) – Pilani, Goa Campus, 2008

### **RESEARCH INTERESTS**

Development Economics, Applied Microeconomics

### **TEACHING**

Mathematical Statistics, 1<sup>st</sup> year graduate course, MA Economics  
Econometrics, 1<sup>st</sup> year graduate course, MA Economics  
Applied Econometrics, 2<sup>nd</sup> year graduate course, MA Economics  
Advanced Quantitative Methods & Applications, PGDM (Business Analytics) course

### **PEER-REVIEWED ARTICLES**

- Dhanaraj, S., Paul C.M., Gade, S. 2019 "Household income dynamics and investment in children: Evidence from India", *Education Economics*, 27(5): 507-520.
- Dhanaraj, S., Mahambare, V. 2019. "Family structure, education, and women's employment in rural India", *World Development*, 115: 17-29.
- Narayanan, S., Dhanaraj, S. 2018. "Child Work and Schooling in rural north India: What do time use data say about tradeoffs and drivers of human capital investment?", *Indian Journal of Human Development*, 12(3): 378-400
- Dhanaraj. S., Mahambare, V., Munjal, P. 2018. "From Income to Household Welfare: what refrigerator ownership in India tells us", *Journal of Quantitative Economics*, 16: 573
- Dhanaraj, S., 2016. Effects of parental health shocks on children's schooling: Evidence from Andhra Pradesh, India, *International Journal of Educational Development*, 49: 115-125.
- Dhanaraj, S., 2016. Economic vulnerability to health shocks and coping strategies: evidence from Andhra Pradesh, India, *Health Policy and Planning*, 31(6): 749-758.
- Dhanaraj, S., Gopalaswamy, A. K., Suresh Babu, M. 2013. Dynamic interdependence between US and Asian markets: An empirical Study. *Journal of Financial Economic Policy*, 5(2): 220-237.

## REFEREED WORKING PAPERS

- Dhanaraj, S. & Mahambare, V. (2017) Family structure, education and women's employment in rural India. WIDER Working Paper 2017/195. Helsinki: UNU-WIDER.
- Dhanaraj, S. (2015) Health Shocks and the Intergenerational Transmission of Inequality: Evidence from Andhra Pradesh, India. WIDER Working Paper 2015/004. Helsinki: UNU-WIDER.
- Dhanaraj, S. (2014) Health Shocks and Coping Strategies: State Health Insurance Scheme of Andhra Pradesh, India. WIDER Working Paper 2014/003. Helsinki: UNU-WIDER.

## CURRENT WORK

- "Travel mobility and women's employment outcomes in urban India", jointly with Vidya Mahambare, R&R in *Travel, Behaviour and Society*
- "Intimate Partner Violence and Economic Status of Women in India", jointly with Vidya Mahambare, under review in *Feminist Economics*
- "Women and work in urban India", jointly with Vidya Mahambare, to be published as book chapter in *India Development Report 2020*, OUP

## MEDIA MENTION:

- "Great Indian Family doesn't help working women", Livemint, 19th Feb 2019.
- "The hidden truth behind India's low refrigerator ownership", The Economic Times, 24th Mar 2017

## NON-TECHNICAL WRITINGS:

- "With better and more accessible childcare, more women will join the workforce", (with Vidya Mahambare), *Hindustan Times*, 14 Nov 2017.
- "The gender divide in urban mobility", (with Vidya Mahambare), *The Hindu Business Line*, 3<sup>rd</sup> Nov 2018

## HONORS & AWARDS:

- Recipient of Teaching/Research Assistantship from Reserve Bank of India for Doctoral students at IGIDR (2010-2014)
- Recipient of Half Time Research/Teaching Assistantship from Ministry of Human Resources and Development, Government of India for M.S. students at IIT Madras (2008-2010)
- Recipient of merit scholarship (biannual) from BITS – Pilani, Goa Campus (2004-08)
- Recipient of merit scholarship (annual) from 2004 to 2008 from GRD Matriculation Higher Secondary School for securing the first rank (2004-08)

## INTERNSHIPS

- 4-6/2013     PhD Research Internship at UNU-WIDER, Helsinki, Finland  
1-6/2008:     Mercedes-Benz Research & Development India Private Limited, Bangalore  
5-7/2006:     Century Textiles and Industries limited, Mumbai

## OTHER ACTIVITIES

### Resource person for the following training programmes:

- 12/2019:     Economics for Young Leaders – Great Lakes and PS Senior Secondary School Management & Entrepreneurship Program for high school students  
10/2018:     Multivariate Statistics – Factor Analysis and Principal Component Analysis for Reserve Bank of India (RBI) officers

- 01/2018: Advanced Econometrics – Time series analysis for RBI officers  
 12/2017: Quantitative Methods Used in Early Warning Framework – Logit Regression Analysis for RBI officers  
 05/2017: Econometrics for PhD Scholars of Madras Institute of Development Studies  
 03/2017: Advanced Panel data econometrics for RBI officers  
 02/2017: Time series econometrics for RBI officers  
 12/2016: Basic Statistics for RBI Officers  
 09/2016: Basic Econometrics and its applications for RBI Officers

**REFEREED FOR:**

International Journal of Educational Development, Journal of Quantitative Economics

**CONFERENCE/ INVITED SEMINARS**

- 2019-        Symposium on Musings on the 2019 Nobel Prize, PES University, Bengaluru, India, India Development Report 2020 Workshop, held in IGIDR, Mumbai, India  
 2017-18     UNU-WIDER conference on “Think WIDER- Think Development”, held in UNU-WIDER, Helsinki, Finland, 4<sup>th</sup> International Conference on South Asian Development held in SAU, Delhi, India, 13th Annual Conference on Economic Growth and Development held in ISI Delhi, India, IEA-IGIDR international conference on social sector development in India, IGIDR, Mumbai, India, MSE silver jubilee conference on “Technology and Development” held in MSE, Chennai  
 2014-16     Annual IGIDR-ISIK Doctoral Workshop held in IGIDR, Mumbai, India, UNU-WIDER conference on “Inequality- measurement, trends, impacts and policies” held in Helsinki, Finland, Invited seminar, MS Swaminathan Research Foundation, Chennai, India, Joint NiDi-RUG Workshop in University of Groningen, Groningen, Netherlands  
 2011-13     Annual conference (2012) of Comparative Education Society of India (CESI) held in Jammu, India, Human Development and Capability Association (HDCA) Annual conference held in Jakarta, Indonesia, Annual conference (2011) of Comparative Education Society of India (CESI) held in Hyderabad, India