

## Jayan Jose Thomas

## Curriculum Vitae

Associate Professor of Economics

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Department of Humanities and Social Sciences

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### *Summary*

Jayan Jose Thomas is an Associate Professor at the Indian Institute of Technology Delhi (IITD), where he has been employed since July 2010. Currently, Jayan is also serving as a member of the Kerala State Planning Board, advising the State government on policies related to industry and labour.

Jayan's previous academic positions were at the National University of Singapore (NUS) (2004 to 2008), Indian Statistical Institute, Kolkata (2008), Madras School of Economics (MSE) (2008 to 2009) and Central University of Kerala (CUK) (2009 to 2010). He had been a visiting faculty member at the Jawaharlal Nehru University (JNU), New Delhi (2013), a research fellow with the Indian Council of Social Science Research (2013), and a visiting research fellow at NUS (2014). Jayan completed his PhD in development economics from the Indira Gandhi Institute of Development Research, Mumbai (degree awarded in January 2005), and holds a Bachelors degree in Industrial Engineering from Kerala University.

Jayan's research so far has dealt with various aspects of Indian development, especially issues related to labour, industrialization and the macroeconomy. Jayan has worked extensively using Indian and international data sources, conducted field studies, and worked with archival material. While India continues to be the primary focus of his research, Jayan has also been closely studying economic developments in China and East Asian countries. He hopes to contribute to the building of an interface between economics and other social sciences. His research papers have appeared in reputed journals including *World Development*, *Development and Change*, and *Economic and Political Weekly*, and in edited volumes published by Oxford University Press, Palgrave Macmillan and Routledge. He was awarded the 'Young Labour Economist Award' of the Indian Society of Labour Economics in 2003.

Jayan teaches courses on Macroeconomics, Indian Economic Development, International Economics, Planning and Development, and Economics of Planning. His current research is on the theme *Labour, Industrialization and Indian Development*.

*Personal Details:*

**Male, Indian National, born on May 25, 1974, Married with two children.**

*Educational Qualifications:*

PhD in Development Economics, Indira Gandhi Institute of Development Research, Mumbai (submitted the thesis in December 2003; degree awarded in January 2005)

Bachelor of Technology (Industrial Engineering), University of Kerala, 1995

*Record of Employment:*

Associate Professor, Department of Humanities and Social Sciences, Indian Institute of Technology Delhi, New Delhi, from June 2014 till date.

Member, State Planning Board, Government of Kerala, Thiruvananthapuram, from August 2016 onwards (Worked as full-time member, on deputation-leave from IIT Delhi, for the period from 11 January to 27 December 2017).

Assistant Professor, Department of Humanities and Social Sciences, Indian Institute of Technology Delhi, New Delhi, from July 2010 till June 2014.

Visiting Research Fellow, Lee Kuan Yew School of Public Policy, National University of Singapore, January-June 2014.

Associate Professor, Central University of Kerala, Kasaragod, from October 2009 to July 2010, on deputation from MSE.

Assistant Professor, Madras School of Economics (MSE), Chennai, from August 2008 to October 2009.

Visiting Scientist, Sociological Research Unit, Indian Statistical Institute, Kolkata, from April 2008 to July 2008.

Research Fellow/Visiting Research Fellow, Institute of South Asian Studies, National University of Singapore, from March 2005 to February 2008.

Post Doctoral Fellow, Faculty of Arts and Social Sciences, National University of Singapore, from February 2004 to February 2005.

Research Scholar, Indira Gandhi Institute of Development Research, Mumbai, from August 1998 to December 2003.

Industrial Engineer/ Project Associate, Centre for Management Development, Thiruvananthapuram, Kerala, November 1995 to June 1998.

*Areas of Research and Teaching Interests:* Labour and Industrialization, Indian Economy, Macroeconomics, Development economics, International political economy, Technology and Institutions, Economic History.

### *Selected Academic Publications:*

#### *Four Significant Publications*

'Regional Aspects of Indian Industrialization' in Chandrasekhar, C. P. (2015) *Indian Industrialization*, Oxford University Press, New Delhi, pp. 48-93.

'India's Labour Market During the 2000s: Surveying the Changes', *Economic and Political Weekly*, 22 December 2012, Vol.47, No. 51, pp. 39-51.

'Bridging the Social and Digital Divides in Andhra Pradesh and Kerala: A Capabilities Approach' (with Govindan Parayil), *Development and Change*, May 2008, Vol.39, No. 3, pp. 409--35.

'Kerala's Industrial Backwardness: A Case of Path Dependence in Industrialization?' *World Development*, May 2005, Vol.33, No.5, pp. 763-783.

#### *Other Publications*

'Agriculture and Rural Labour Markets in India' (with Satheesha B), in Rajesh Raj S.N. and Komol Singha (eds.) *The Routledge Handbook of Post-Reform Indian Economy*, Routledge. Forthcoming.

"Women's Work in Rural India: A Note based on National Sample Survey Data" in an edited volume on Women in the Indian Economy' in a volume on Women's Work in Rural India edited by Madhura Swaminathan, New Delhi: Tulika Books.

'Labour in the Indian Economy, Economic and Political Weekly, 2019, Vol.54, No.25 (Book Review)

'Labour Market in Kerala: Examining the Role of Industrial and Employment Policies', (with M.P Jayesh), in Sundar, K.R.Shyam (ed.) (2019), *Globalization, Labour Market Institutions, Processes and Policies in India*, Palgrave Macmillan, Singapore. pp.471-498.

'Economic Growth without Employment: The Story of Indian Manufacturing', in Elizabeth Hill and Amitendu Palit (eds.) (2018) *Employment Policy in Emerging Economies: The Indian Case*, Routledge, London and New York.

'Changes in India's Rural Labour Market in the 2000s: Evidence from the Census of India and the National Sample Survey' (with M.P. Jayesh), *Review of Agrarian Studies*, Vol. 6, No. 1, January-June 2016.

'India's Labour Market During The 2000s: An Overview' in Ramaswamy, K.V (ed.) (2015), *Labour, Employment and Economic Growth in India*, Cambridge University Press, New Delhi.

'Manufacturing in India: Has there been a Revival since the 1990s?' in Kathuria, Vinish et al. (2014) (eds.) *Productivity in Indian Manufacturing: Measurement, Methods and Analysis*, Routledge, New Delhi.

'Public Sector Units in India and China: Inefficient Producers or Creators of Crucial Knowledge Assets?' in Brødsgaard, Kjeld Erik (ed.) (2014), *Globalization and Public Sector Reform in China*, Routledge. ISBN: 978-0-415-72359-6

'The Demographic Challenge and Employment Growth in India', *Economic and Political Weekly*, February 8, 2014.

'Explaining the 'Jobless' Growth in Indian Manufacturing', *Journal of the Asia Pacific Economy*, Vol. 18, No. 4, pp. 673-692, 2013.

'Locked in a Low-Skill Equilibrium: Trends in Labour Supply and Demand in India' under review in *Indian Journal of Labour Economics*, 54 (2): 195-218, April-June 2011.

'Paddy Cultivation in Kerala: A Field Report', *Review of Agrarian Studies*, Volume 1, Number 2 (July-December, 2011).

'An Uneasy Coexistence: The New and the Old in Indian Industry and Services', chapter in D'Costa, Anthony (ed.) (2010), *A New India: Critical Reflections in the Long Twentieth Century*, Anthem Press, London.

'Indian Manufacturing: The Road Ahead', chapter in Tan, Tai Yong (ed.) (2010), *South Asia: Societies in Political and Economic Transition*. New Delhi: Manohar Publishers.

'Innovation in India and China: Challenges and Prospects in Pharmaceuticals and Biotechnology', chapter in Parayil, Govindan and D'Costa, Anthony P. (eds.) (2008), *The New Asian Innovation Dynamics: China and India in Perspective*, Palgrave Macmillan Ltd. , Basingstoke, UK.

'Informational Development in Rural Areas: Some Evidence from Kerala and Andhra Pradesh' in Parayil, Govindan (ed.) (2006), *Political Economy and Information Capitalism in India: Digital Divide, Development Divide and Equity*, Palgrave Macmillan Ltd., Basingstoke, UK.

'New Technologies for India's Development,' in Parikh, Kirit and Radhakrishna, R (ed.) (2005), *India Development Report 2004-05*, Oxford University Press, New Delhi, pp. 126-40.

'Labour in the New Economy: An Indian Perspective', *Indian Journal of Labour Economics*, Vol. 48, No.4, pp. 821-35, Annual Issue, December 2005.

'Labour and Industrialization in Kerala' in *Indian Journal of Labour Economics*, Vol. 46, No.4, pp. 575-92., June-December 2003.

'A Review of Indian Manufacturing', in Parikh, Kirit and Radhakrishna, R (eds.) (2002), *India Development Report 2002*, Oxford University Press, New Delhi.

### ***Teaching Experience:***

#### Graduate Level

'Planning and Economic Development', offered to six batches of graduate students at Indian Institute of Technology Delhi: July-December 2016, July-December 2015, April-May 2014, July-December 2012, July – December 2011, and July-December 2010.

'International Economics' for graduate students, Indian Institute of Technology Delhi, July-December 2014,

'Economics of Planning' for graduate (MPhil) students, Centre for Economic Studies and Planning (CESP), Jawaharlal Nehru University (JNU), New Delhi, January-May 2013.

'Macroeconomics – I', for graduate students: 1<sup>st</sup> Year MSc., General Economics and Financial Economics batches, Madras School of Economics, August – December 2009.

'Macroeconomics – II', offered to three batches of graduate students: 1<sup>st</sup> Year MSc., General Economics and Financial Economics batches, Madras School of Economics, January-May 2009; and for 1<sup>st</sup> Year MA students, Central University of Kerala, Kasaragod, January-May 2010.

#### Undergraduate Level

'Introduction to Economics', offered to three batches of undergraduate students at Indian Institute of Technology Delhi, July-December 2016, July-December 2015 and July-December 2014.

'Distribution and Growth' for undergraduate students, Indian Institute of Technology Delhi, January-May 2014.

'International Economics', offered to four batches of undergraduate students at Indian Institute of Technology Delhi, July-December 2014, July-Dec 2012, January-May 2012, and January-May 2011.

'Indian Economic Problems and Policies', offered to two batches of undergraduate students at Indian Institute of Technology Delhi, January-May 2016 and January-May 2013.

'Knowledge Economies' for students in the third year of under-graduate studies, National University of Singapore, January – May 2005.

Prepared a manuscript on 'Contemporary Issues in Indian Economy' (jointly with Dr. R. Ramakumar), which is used as course material by the Instituto de Altos Estudios Universitarios in Spain.

### *Experience related to Policymaking*

As a member of Kerala State Planning Board, I am currently engaged in devising a long-term strategy for Kerala's industrial sector. I have been trying to understand the problems faced by workers and capitalists in both traditional (such as coir and handlooms) and modern (such as electronics and chemicals) industries in Kerala. I have also been consulting senior members of the State's government, administration, and the political leadership to evolve policies that address some of these problems.

### *PhD Supervision*

I am currently supervising the doctoral research carried out by six PhD candidates at the Indian Institute of Technology Delhi. These candidates work on issues related to labour, migration and inequality.

### *Research Projects*

Demographic Dividend and the Indian Economy: Opportunities, Challenges and the Way Ahead', A Study for the United Nations Populations Fund (UNFPA), 2018-2019.

'Labour in Indian Manufacturing': A study conducted with financial support from Azim Premji University, Bangalore, 2018-2019.

'India: Labour Markets and Employment Growth', Diagnostics Study, for International Labour Organization, 2017

'Wages, Internal Migration and the Labour Markets: An Analysis of Indian States', research grant from the International Labour Organization, 2016.

'Trends in India's Labour Market: A Study using National Sample Survey Data', Indian Institute of Technology Delhi, 2014-15

'Jobless Growth in Indian Manufacturing', research grant from the Indian Council of Social Science Research (ICSSR), 2013.

'Regional Aspects of Indian Industrialization' research grant from the Indian Council of Social Science Research (ICSSR), 2011-12.

'Research and Development in the East: Pharmaceuticals and Biotechnology Industries in India, China and Singapore', research grant from the National University of Singapore, 2006-07.

'Information and Communication Technologies for Development of Rural Areas', research grant from the National University of Singapore, 2004-05.

*Referees of Journals: World Development*

*Awards/Honours Received:*

*Member, State Planning Board, Government of Kerala, from August 2016 onwards*

*'Sanjay Thakur Young Labour Economist Award' at the 45<sup>th</sup> Annual Labour Economics Conference of the Indian Society of Labour Economics, Jadavpur University, Kolkata, 15-17 December 2003.*

*Selected Academic Conferences*

'Can the Economies of India and China Move Forward Together?', Paper presented at the 4<sup>th</sup> China-India Think Tank Forum, organized jointly by the Chinese Academy of Social Sciences (CASS) and Indian Council of World Affairs (ICWA), Beijing, 27 November 2019.

‘Can the Demographic Dividend help India Emerge as an Economic Superpower?’ Paper presented at the Taiwan-India Industry Cooperation Conference, National Taipei University of Technology, Taipei, 7 August 2019.

‘Agriculture and the Indian Economy During the Era of Economic Reforms’ will be presented at the National Conference on *India after a Quarter Century of Economic Reforms*, to be held at Sikkim University, Gangtok, 5-6 October 2018.

‘Inequality in Labour Markets and Wellbeing in India’, 6<sup>th</sup> Annual Conference of the Indian Society of Labour Economics, to be held at Indira Gandhi Institute of Development Research (IGIDR), Mumbai, 19-21 December 2018.

‘Decent Jobs for the Young: Examining the Challenge for India’ to be presented at the Conference on Regulating for Decent Work 2017, Geneva, Switzerland, 3-5 July 2017.

‘Deepening India-China-Russia Cooperation in Trade, Industry and Innovation’ at the 14th Russia-India-China Trilateral Conference, China Institute of International Studies, Beijing, 30 May -- 3 June, 2015.

‘Will the ‘Demographic Dividend’ Help India Emerge a Superpower?’, Seminar at Lee Kuan Yew School of Public Policy, National University of Singapore, Singapore, 21 May 2014.

### *Selected Recent Articles in the Media*

[‘Creating Jobs for Young India’](#), *The Hindu*, October 01, 2019.

[‘Jobs and Gloom’](#), *Frontline*, March 01, 2019.

[‘India’s Job Challenge: How to Stop demographic boon from turning into bane’](#), *Moneycontrol*, December 31, 2018.

[‘Make Planning Fashionable Again’](#), *The Hindu*, December 4, 2018.

[‘India in 10 years: The Jobs Challenge’](#), *Mint*, February 4, 2017.

[‘Budget 2017: The Jobs Data Vacuum’](#), *BloombergQuint*, January 24, 2017.

[‘How Kerala can be a model State again’](#), *The Hindu*, August 15, 2016.

[‘Can India beat this Slowdown?’](#), *The Hindu*, February 17, 2016.

[‘Yuan makes its first market move’](#), *The Hindu*, August 20, 2015.



[Dragon Power on Display](#), *The Hindu*, April 7, 2015.

[Missing Half of the Demographic Dividend](#), *The Hindu Business Line*, March 9, 2014.

[The crisis in Indian manufacturing](#), *Live Mint and the Wall Street Journal*, December 5, 2013

[Economic Growth that is not Really Jobless](#), *Live Mint and the Wall Street Journal*, September 2013.

[A Woman-shaped Gap in the Indian Workforce](#), *The Hindu*, January 9, 2013.

*PhD Thesis Title:* ‘State Policy, Industrial Structure and Industrialization: The Case of Kerala.’ Thesis submitted to Indira Gandhi Institute of Development Research in December 2003; Degree awarded in January 2005.

### *Administrative Positions*

Secretary, Department Research Committee, Humanities and Social Sciences Department, IIT Delhi, 2014-15,

Head of <sup>the</sup> Department of Economics, Central University of Kerala, from December 2009 to July 2010.

Head of the publications and library committees; and Coordinator of academic seminars at the Institute of South Asian Studies, National University of Singapore, 2005-06.

*Proficiency in Languages:* Can speak, read and write English, Malayalam and Hindi.

### *Names of Referees:*

V.K Ramachandran (PhD thesis supervisor and senior colleague)  
Vice Chairperson, Kerala State Planning Board  
Pattom, Thiruvananthapuram, PIN-695004  
and former Professor, Indian Statistical Institute, Economic Research  
Unit Bangalore  
Phone: 0471 2540208, E-mail: gokilapuram@gmail.com

J. Mohan Rao (former senior colleague)  
Professor Emeritus in Economics, University of Massachusetts at  
Amherst  
Thompson Hall, Amherst, MA 01003, USA  
Phone (office): (413) 545-4808 or 545-2590; (residence): (617) 244-2011

Fax. (617) 244-2011, Email: [rao@econs.umass.edu](mailto:rao@econs.umass.edu)

Govindan Parayil (former senior colleague)  
Mark & Melody Teppola Presidential Distinguished Visiting Professor  
Willamette University  
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