

## Curriculum Vitae

**Rayaprolu Nagaraj**  
(Last name) (First Name)

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### **Educational qualification**

Ph D: JNU, Centre for Development Studies, Trivandrum, 1989.

### **Areas of research**

Aspects of India's industrialization; India's economic growth and distribution, applied macroeconomic issues, public sector performance, industrial labour market in India, and macroeconomic statistics.

### **Work experience**

1. Visiting Professor, Woodrow Wilson School, Princeton University, New Jersey, US, for two consecutive years: from February to June in 2008, and in 2007.
2. Visiting Professor, Hosei University, Tokyo, from April 2001 to March 2002.
3. Visiting Fellow, Centre for International Studies, Princeton University, New Jersey, US; from August 1994 to August 1995.
4. Associate Professor at IGIDR in May 1992.
5. Assistant Professor, Institute of Public Enterprise, Hyderabad, from March 1985 to May 1992.

### **Teaching experience**

- In the graduate programme at IGIDR:
  - A one semester course on *Indian Economy*, since 2005, and

- A one semester compulsory course on “Issues in Development Policy”, during 1992-2004, (jointly with Professor Kirit Parikh until 2000, singly thereafter).
- A 10-lecture course on “Economics of Infrastructure and its Financing” at the Indian Institute of Management Calcutta During January-February 2017, and in 2018, in its 2-year full-time Post Graduate Programme (PGP) in Management.
- A 10-lecture course on “China and India: Comparative Economic Development”, at the Indian Institute of Management Calcutta in 2014-15 and in 2016 in its 2-year full-time PGP in Management.
- A one-semester course on “Indian Economic Development” for senior undergraduate and graduate students at the Woodrow Wilson School, Princeton University, New Jersey, US, for two consecutive years, in 2007 and 2008.
- Two courses in “Development Economics”, and one course in “Comparative Economic Development” for undergraduate and graduate students in Hosei University, Tokyo, during the academic year 2001-02.
- Regularly deliver lectures in many universities and teaching programmes within the country. Most recently, I have been teaching at the Centre for Development Studies, Trivandrum in their M Phil programme in applied economics.
- Earlier, at the Institute of Public Enterprise, Hyderabad, I have taught Macroeconomics (national accounts), Development Economics, Public Sector in Economic Development, Industrial Economy of India, in Business Management programme, and Masters and Graduate programmes in economics.
- I have designed and conducted numerous training programmes for senior civil servants on Policy Planning and Analysis (with a particular focus on India's macroeconomic policy, and industrial performance).

### **Policy related work**

- Member of the sub-committee on “Private Corporate Sector including PPPs” set up by the Advisory committee on the revision of NAS, 2014.
- Member of the working group on the Index of Industrial Production (Chairman: Soumitra Chaudhuri, member, Planning Commission), 2013-14.
- Head of a working group on Index of Industrial Production set up by the CSO, New Delhi, 2011-12.

- Member, Planning Commission working group for the 12<sup>th</sup> Plan on “domestic savings”.
- Member, Standing Committee on Industrial Statistics, Central Statistical Organisation, New Delhi, 2008-12.
- Member, Statistical Advisory Group, Department of Statistics, Reserve Bank of India, Mumbai, 2002-04.
- Worked for the National Statistical Commission on examining the ways to improve the quality of India's industrial statistics; prepared a paper based on the report published in EPW.
- Member of the Planning Commission's working group on Employment for the 9<sup>th</sup> Plan.
- Headed a working group on `decentralised planning' in Kerala Government in 1996-97.
- In 1987, undertook the background work for the Economic Advisory Council's (Chairman: late Professor Sukhamoy Chakravarty) report on Public Sector Enterprises.
- For the Andhra Pradesh Government, I had conducted an evaluation of a state level target-oriented employment generation programme.
- I was a BICP consultant, for its project on auto ancillary industry, in 1988-89.

## **Research output**

### Books:

1. *Political Economy of Contemporary India*, edited by R Nagaraj and S Motiram, Cambridge University Press, New Delhi, 2017.
2. *International Trade and Industrial Development in India: Emerging Patterns, Trends and Issues*, edited by C Veeramani and R Nagaraj, Orient Blackswan, Hyderabad, 2016.
3. *Economic Growth, Inequality and Social Development in India – Is Inclusive Growth Possible?*, edited by R Nagaraj for the United Nations Research Institute for Social Development (UNRISD), Geneva, Palgrave Macmillan, London 2012.
4. *Economic Growth and Reforms: Selected Essays*, A selection of my published papers with an introduction, Academic Foundation, Delhi, 2006.

### Book chapters:

1. "Public Sector Employment: What has Changed?", in R Nagaraj and S Motiram edited, *Political Economy of Contemporary India*, Cambridge University Press, New Delhi, 2017.
2. "Regional Industrial Growth: Have the Economic Reforms Made a Difference?", in C Veeramani and R Nagaraj edited, *International Trade and Industrial Development in India: Emerging Patterns, Trends and Issues*, Orient Blackswan, Hyderabad, June 2016.
3. "Trends and Patterns in Industrial Growth: A Review", in C P Chandrasekhar edited, *Indian Industrialisation*, Volume 1: ICSSR Research Surveys and Explorations in Economics, Oxford University Press, New Delhi, 2015.
4. "India's Economic Development", in Atul Kohli and Prerana Singh edited, *Routledge Handbook of Indian Politics*, Routledge, London and New York, 2013.
5. "Outward FDI from China and India: An Exploratory Note", in Amiya Kumar Bagchi and Anthony P D'Costa edited, *Transformation and Development: The Political Economy of Transition in India and China*, Oxford University Press, New Delhi, 2012.
6. "Industrial Growth", in Kaushik Basu and Annemie Maertens edited *The New Oxford Companion to Economics in India*, Oxford University Press, 2012.
7. "Industrial Performance, 1991-2008: A Review", in *India Development Report, 2011*, edited by D M Nachane, Oxford University Press, Delhi, 2011.
8. "Outward FDI from China and India: An Exploratory Note", in Hideki Esho and Peng Xu edited, *International Competitiveness, Globalisation and Multinationalisation of Firms: A Comparison of China and India*, Institute of Comparative Economic Studies, Hosei University, Tokyo, 2010.
9. "Public Sector Performance Since 1950: A Closer Look", in Gopal Kadekodi and Brinda Viswanathan edited, *Agricultural Development, Rural Institutions and Economic Policy*, Oxford University Press, New Delhi, 2009.
10. "Disinvestment and Privatisation in India, Assessment and Options", in Asian Development Bank edited *Trade Policy, Industrial Performance, and Private Sector Development in India*, Oxford University Press, New Delhi, for the Asian Development Bank, 2008.
11. "Industrial Growth in China and India: A Preliminary Comparison", in K L Krishna and A Vaidyanathan edited, *Institutions and Markets in India's Development, Essays for K N Raj*, Oxford University Press, New Delhi, 2007.

12. "Trade Unions" in *The New Oxford Companion to Economics in India*, edited by Kaushik Basu for Oxford University Press, New Delhi, 2007. (Revised paper appeared in the 2011 edition).
13. "Industrial Growth" in the *The New Oxford Companion to Economics in India*, edited by Kaushik Basu for Oxford University Press, New Delhi, 2007 and 2011.
14. "Labour Markets in India" (co-authored with T C A Anant R. Hasan, P. Mohapatra, and S.K. Sasikumar), in J Filipe and R Hasan edited, *Labour Markets in Asia, Issues and Perspectives*, Palgrave Macmillan, London, 2006.
15. "Industrial Labor Market, Wages and Employment, since 1950", in Stanley Wolpert edited *Encyclopedia of India*, for Charles Scribner's Sons, New York, 2005
16. "Performance of India's Manufacturing Sector in the 1990s: Some Tentative Findings", in Shuji Uchikawa edited, *Economic Reforms and Industrial Structure in India*, Manohar, Delhi, 2002.
17. "India's Income and Balance of Payments Statistics: A Review", in C P Chandrasekhar and Jandhyala J B Tilak (edited), *India's Socio-Economic Database: Survey of Selected Areas*, Publish ed by Tulika, Delhi for the Indian Council of Social Science Research, 2001.

Working papers:

1. Of "Missing Middle", and Size-based Regulation: A New Frontier in the Labour Market Flexibility Debate, Centre for Sustainable Employment, Azam Premji University, working paper, April, 2018. [https://cse.azimpremjiuniversity.edu.in/wp-content/uploads/2018/04/Nagaraj\\_Missing\\_Middle.pdf](https://cse.azimpremjiuniversity.edu.in/wp-content/uploads/2018/04/Nagaraj_Missing_Middle.pdf)
2. *Labour Market Scenarios for India, 2005-2015*, a report prepared for International Labour Organisation, New Delhi, 2009.
3. *Development Strategies and Poverty Reduction: Indian Experience*, A paper prepared for United Nations Research Institute for Social Development, Geneva, 2008 (forms a chapter of the edited book mentioned above).
4. *Are Labour Regulations Holding up India's Growth and Exports? A Review of Analysis and Evidence*, A paper prepared for National Commission for Unorganised Sector Enterprises, 2007.
5. *Growth of Technology Based Ventures in Asia: A Report*, a study conducted for Institute for New Technologies, (UNU/INTECH), Maastricht. Available as a Discussion Paper, 2004.

6. *Trade and Labour Market Linkages in India: Evidence and Issues*, East-West Center Working Papers, No. 50, August 2002.

<https://www.eastwestcenter.org/system/tdf/private/ECONwp050.pdf?file=1&type=node&id=31879>

7. *Long-Run Growth Trends and Convergence Across Indian States*, Technical Paper No. 131, OECD Development Centre, 1998 (co-authored with Aristomene Varoudakis and Marie-Agne Veganzones). <http://www.oecd.org/dev/1922509.pdf>

#### Journal articles:

1. "Make in India: Why Didn't the Lion Roar?", *The India Forum*, April 13, 2019.
2. "Manufacturing Output Estimates in New GDP Series" (co-authored with Ravindra Dholakia and Manish Pandya), *Economic and Political Weekly*, Vol. 53, No. 35, September 1, 2018.
3. "Rural Construction Employment Boom during 2000-12: Evidence from NSSO Surveys", (co-authored with Kanika Mahajan), *Economic and Political Weekly*, Vol. 52, No. 52, December 31, 2017.
4. "Reimagining Development Banks: A Comment on RBI's Discussion Paper", *Economic and Political Weekly*, Volume 52, No. 37, September 16, 2017.
5. "Measuring India's GDP Growth: Unpacking the Analytics and Data Issues behind a Controversy that has Refused to Go Away" (co-authored with T N Srinivasan), *India Policy Forum, 2016-17*, Volume 13, Edited by Shekhar Shah, Barry Bosworth, and Karthik Muralidharan, Sage, for National Council for Applied Economic Research, New Delhi, 2017.
6. "Quarterly GDP Estimation: Can it pick up demonetisation Impact?" *Economic and Political Weekly*, Vol. 52, No. 10, March 11, 2017.
7. "Economic Reforms and Manufacturing Sector Growth: Need for Reconfiguring the Industrialisation Model", *Economic and Political Weekly*, Vol. 52, No. 2, January 14, 2017.
8. "Unorganised Sector in the New GDP Series: Why has it Shrunk?", *Economic and Political Weekly*, Volume 51, No. 14, April 2, 2016.
9. "Size and Structure of India's Private Corporate Sector: Implications for the New GDP Series", *Economic and Political Weekly*, Vol. 50, No. 45, November 7, 2015.
10. "Seeds of Doubts on New GDP Numbers: Private Corporate Sector Overestimated?", *Economic and Political Weekly*, Vol. 50, No. 13, March 28, 2015.
11. "Can Public Sector Revive the Economy? Review of Evidence and a Policy Suggestion", *Economic and Political Weekly*, Vol. 50, No. 5, January 31, 2015.

12. "Economic Challenges to the New Government: A Policy Proposal", *Economic and Political Weekly*, Vol. 49, No. 21, May 24, 2014.
13. "The Dream Run: 2003-08: Understanding the Recent Boom and its Aftermath", *Economic and Political Weekly*, Vol. 48, May 18, 2013.
14. "Is Services Sector Output Overestimated? An Inquiry", *Economic and Political Weekly*, Vol. 44, No. 5, January 31, 2009.
15. "India's Recent Economic Growth: A Closer Look", *Economic and Political Weekly*, Vol. 43, No. 15, April 12, 2008.
16. "Public Sector Performance Since 1950: A Closer Look", *Economic and Political Weekly*, Vol. 41, No. 25, June 24, 2006.
17. "Industrial Growth in China and India: A Preliminary Comparison", *Economic and Political Weekly*, Vol. 40, No. 21, May 21-27, 2005.
18. "Fall in Organised Manufacturing Employment: A Brief Note", *Economic and Political Weekly*, Vol. 39, No. 30, July 24, 2004.
19. "Industrial Policy and Performance: Which Way Now?", *Economic and Political Weekly*, August 30-September 5, 2003, Vol. 38, No. 35.
20. "Foreign Direct Investment in India in the 1990s: Trends and Issues", *Economic and Political Weekly*, Vol. 38, No. 17, April 26, 2003.
21. "How to Improve India's Industrial Statistics", *Economic and Political Weekly*, Vol. 37, No. 10, March 9-15, 2002.
22. "Organised Manufacturing Employment", *Economic and Political Weekly*, Vol. 35, No. 38, September 16, 2001.
23. "Indian Economy Since 1980: Virtuous Growth or Polarisation?", *Economic and Political Weekly*, Vol. 35, No. 32, August 5-11, 2000.
24. Long-Run Growth Trends and Convergence across Indian States, *Journal of International Development*, Vol. 12, No. 1, 2000 (co-authored with A Varoudakis and M A Veganzones). (French version of it has been published in *Annales D'Economie et de Statistique* in 1999.)
25. "How Good are India's Industrial Statistics: An Exploratory Note", *Economic and Political Weekly*, Vol. 34, No. 6, February 6-12, 1999.
26. "What has Happened Since 1991? Assessment of India's Economic Reforms", *Economic and Political Weekly*, Vol. 32, Nos. 44-45, November 8-14, 1997.

27. "India's Capital Market Growth: Trends, Explanations and Evidence", *Economic and Political Weekly*, Vol. 31, Nos. 35-37 (Special Number), 1996.
28. "Employment and Wages in Manufacturing Industries: Trends, Hypothesis and Evidence", *Economic and Political Weekly*, Vol. 29, No. 4, January 22, 1994.
29. "Macroeconomic Impact of Public Sector Enterprises: Some Further Results", *Economic and Political Weekly*, Vol. 28, Nos. 3-4, January 16-23, 1993.
30. "Public Sector Performance in the Eighties: Some Tentative Findings", *Economic and Political weekly*, Vol. 26, No. 50, December 14, 1991.
31. "Industrial Growth: Further Evidence and Towards an Explanation and Issues", *Economic and Political Weekly*, Vol. 25, No. 41, October 13, 1990.
32. "Growth Rate of India's GDP, 1950-51 to 1987-88: Examination of Alternative Hypotheses", *Economic and Political Weekly*, Vol. 25, No. 26, June 30, 1990.
33. "Growth of Manufacturing Output Since 1980: Some Preliminary Findings", *Economic and Political Weekly*, Vol. 24, No. 26, July 1, 1989.
34. "Some Aspects of Small Scale Industries in India: Findings Based on Two All-India Sample Surveys", *Economic and Political Weekly*, Vol. 20, Nos. 41-42, October 12 and 19, 1985.
35. "Trends in Factory Size in Indian Industry, 1950 to 1980: Some Tentative Inferences", *Economic and Political Weekly*, Vol. 20, No. 8, (Review of Management), February 1985.
36. "Sub-Contracting in Indian Manufacturing Industries: Analysis, Evidence and Issues", *Economic and Political Weekly*, Vol. 19, Nos. 31-33 (Annual Number), 1984.
37. "Determinants of Fertiliser Use in Indian Agriculture", *Economic and Political Weekly*, Vol. 18, No. 13, (Review of Agriculture), March 1983.
38. "Trend Deceleration in Fertiliser Consumption in India: A Preliminary Exploration". *Economic and Political Weekly*, Vol. 17, No. 39, (Review of Agriculture), September 1982.

(The above list of papers excludes short commentaries, newspaper op-eds, discussion columns, re-produced versions of the original papers)