

**ARVIND PANAGARIYA**

**I. Personal Information**

1. Title: Jagdish Bhagwati Professor of  
Indian Political Economy &  
Professor of Economics
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7. Date of Birth: 30th September 1952
8. Marital Status: Married, 2 children

**II. Exceptional Honor**

**Padma Bhushan:** Third highest civilian honor bestowed by the President of India on behalf of the Government of India in any field (on March 22, 2012).

**Vice Chairman, NITI Aayog, Government of India:** The position carries the rank of a Cabinet Minister with the Prime Minister serving as the Chairman of the institution (January 13, 2015 to August 31, 2017). As the first Vice Chairman, I played a key role in shaping the institution.

**III. Education**

1. Ph.D. in Economics Princeton University, 1978 (Fields: International Economics and Development Economics)
2. M.A. in Economics, Rajasthan University, India, 1973; and B.A., Rajasthan University, India, 1971

#### **IV. Public Policy Activities (Principally Focused on India)**

1. Vice Chairman, NITI Aayog, Government of India (January 2015-August 2017): Initiated and implemented numerous economic reforms in India.
2. Chief Economist, Asian Development Bank (April-November, 2001). Appointed to a three-year term but resigned early for family reasons.
3. Adviser to the Board, US-India Strategic Policy Forum: (November 2017 to-date) The Forum works towards creating strategic partnership between the United States and India at the highest levels of the governments and businesses in the two countries. The Board consists of CEOs of the top corporations from the United States and India.
4. Non-resident Senior Fellow, Brookings Institution, Washington DC: (September 15, 2007 to January 31, 2014)
5. Member, International Advisory Board, Securities and Exchange Board of India (November 2011 to November 2014)
6. Editor, India Policy Forum, (2004 to 2014) Founding editor of the journal jointly launched in 2004 by the Brookings Institution and the National Council for Applied Economic Research (NCAER) and patterned after the Brookings Papers on Economic Activity.
7. Member, Independent Taskforce on South Asia and India (jointly sponsored by CFR and Asia Society). Report: *New Priorities in South Asia: U.S. Policy Towards India, Pakistan, and Afghanistan*, 2003, Council for Foreign Relations, New York.
8. V.K.R.V. Rao Endowment Professor, 2002-2003, Institute for Social and Economic Change, Bangalore, India.
9. Overseas Member, Board of Governors, Indian Council for Research on International Economic Relations (ICRIER), March 15, 2005-July 15, 2008).
10. Member, Committee to Review the Indira Gandhi Institute of Development Research (IGIDR), Mumbai appointed by the Governor, Reserve Bank of India (January-May 2008).
11. Member, Committee on the Center on Advanced Financial Research and Learning (CAFRL) Committee appointed by the Governor, reserve bank of India (May-October 2009).

12. Television Appearances: International: Charlie Rose Show, BBC World News, ABC (World View), CNN (International), CNN (Asia), CNBC (Asia), Reuters TV (Asia), Report on Business (ROB) TV and Jim Lehrer Newshour on PBS; India: NDTV, Times Now, India Today TV, CNN-IBN, CNBC TV18, CNBC-Awaz, India TV and Bloomberg TV.
13. Monthly Newspaper Column: *Times of India* (June 2012 to December 2014 and December 2017 to-date) and *Economic Times* (June 1999 to August 2013).
14. Guest Columns in Magazines and Newspapers: Guest columns in *Financial Times*, *Wall Street Journal*, *Forbes.Com*, *India Today*, *Hindustan Times*, *Indian Express*, *Hindu* and *Business Standard*.
15. Interviews in Print: Multiple times in all leading Indian newspapers.

## **V. Employment History:**

1. Professor of Economics & Jagdish Bhagwati Professor of Indian Political Economy (January 2004-to-date); and and Director, Deepak and Neera Raj Center on Indian Economic Policies (September 2017 to-date), School of International and Public Affairs, Columbia University in New York City.
2. Vice Chairman, NITI Aayog, Government of India (January 2015-August 2017; on leave from Columbia University)
3. Professor of Economics (August 1989-January 2004); Associate Professor of Economics (August 1983-August 1989); Assistant Professor of Economics (August 1978-August 1983); and Co-director, Center for International Economics (August 1993-January 2004), Department of Economics, University of Maryland, College Park, MD.
4. Chief Economist, Asian Development Bank, Manila, Philippines (April–November 2001; appointed to a three-year term but resigned early due to family reasons).
5. V.K.R.V. Rao Endowment Professor, 2002-2003, Institute for Social and Economic Change, Bangalore, India.
6. Principal Economist (March 1989-August 1993) and Senior Economist (June 1989-March 1993), World Bank. (On leave from the University of Maryland)
7. Lecturer in Economics (July 1973-August 1974), Department of Economics, Rajasthan University, Jaipur, India
8. Visiting Scholar at the International Monetary Fund, World Bank and UNCTAD and director of a major research project for the Asian Development Bank.

## **VI. Editorial Responsibilities**

1. Editor, *India Policy Forum* (2004 to 2014).
2. Editor, *Journal of Policy Reform*, Harwood Academic Press (1996-2001) (currently with Routledge, Abingdon, U.K.): Founding Editor (with Dani Rodrik)
3. Associate Editor, *Economics and Politics*, Basil Blackwell (1999-present).
4. Board of Editors, *Journal of International Trade and Economic Development* (2002-to-date),
5. Board of Editors, *Journal of Policy Reform*, Routledge, Abingdon, U.K. (2001-to-date)
6. Board of Editors, *Trade and Development Review*, Jadavpur University and UNCTAD (2008 to-date).
7. Board of Editors, *International Journal of Development and Conflict*, World Scientific.
8. Margin, the Journal of Applied Economics, national Council on Applied Economic Research.

## **VII. Research Grants and/or Contracts**

1. Templeton Foundation Grant: \$2 million for the Program on Indian Economic Polices at Columbia University (October 1, 2010 to September 30, 2012).
2. The World Bank Research Committee, July 1991- April 1993, "Commodity Exports and Real Income in Africa," \$131,500 (with Maurice Schiff).
3. The World Bank Research Committee, January 1992 - June 1992, "New Dimensions in Regional Integration," \$54,000 (with Jaime de Melo).
4. The National Council for Soviet and East European Research, June 15, 1988 - June 14, 1989. \$50,000.
5. Faculty Research Award of the General Research Board, University of Maryland (1981).
6. Faculty Research Award of the General Research Board, University of Maryland (1979).

## VIII. Publications

### VIII.A Collected Essays

1. *Regionalism in Trade Policy: Essays on Preferential Trading*, Singapore: World Scientific Publishing Co., November 1999.

### VIII.B Other Books

2. *New Dimensions in Regional Integration*, ed. (with Jaime de Melo), Cambridge University Press, 1993.
3. *The New Regionalism in Trade Policy*, (with Jaime de Melo), World Bank, 1992, short booklet.
4. *The Economics of Preferential Trade Agreements*, ed. (with J. Bhagwati), Washington, D.C.: AEI Press, November 1996.
5. *The Global Trading System and Developing Asia* (with M.G. Quibria and Narhari Rao), ed., Hong Kong: Oxford University Press for the Asian Development Bank, December 1997.
6. *Lectures on International Trade* (with J. Bhagwati and T.N. Srinivasan), Cambridge, MA: MIT Press, September 1998.
7. *Trading Blocs: Alternative Approaches to Analyzing Preferential Trade Agreements* (edited with J. Bhagwati and Pravin Krishna), Cambridge, MA: MIT Press, February 1999.
8. *Environmental and Public Economics. Essays in Honor of Wallace E. Oates* (edited with Paul Portney and Robert Schwab), Cheltenham, U.K.: Edward Elgar Publishing Co., 1999.
9. *The Political Economy of Foreign Trade, Aid and Investment Policies* (edited with Devashish Mitra), Elsevier, Amsterdam, 2004.
10. *Trade, Globalization and Poverty* (editor with Elias Dinopoulos, Pravin Krishna and Kar-yiu Wong), Oxon, U.K: Routledge, December 2007.
11. *India: The Emerging Giant*, New York: Oxford University Press, March 2008, 544 pages. [Listed as a “Top Pick of 2008” by the *Economist* magazine and described as “the definitive book on the Indian economy” by Fareed Zakaria of the CNN and Newsweek International.] Paperback edition has come out in April 2010.
12. *India's Reforms: How they Produced Inclusive Growth* (edited with Jagdish Bhagwati), Oxford University Press, New York, (April 26, 2012), 312 pages: First in

- the series Studies in Indian Economic Policies under the general editorship of Jagdish Bhagwati and Arvind Panagariya.
13. *Reforms and Economic Transformation in India* (edited with Jagdish Bhagwati), Oxford University Press, New York, (November 2, 2012; 312 pages). Second in the series Studies in Indian Economic Policies under the general editorship of Jagdish Bhagwati and Arvind Panagariya.
  14. *India's Tryst with Destiny: Debunking Myths that Undermine Progress and Addressing New Challenges* (with Jagdish Bhagwati), Harper Collins, New Delhi, 304 pages.
  15. *Why Growth Matters: How Economic Growth in India reduced Poverty and the Lessons for Other Developing Countries*" (with Jagdish Bhagwati). April 9 2013, Public Affairs, USA. (This is an expanded version of *India's Tryst with Destiny* with a long preface published outside South Asia).
  16. *State Level Reforms, Growth and Development in Indian States* (with Pinaki Chakraborty and M. Govinda Rao), Oxford University Press, New York, (May 2014). Third in the series Studies in Indian Economic Policies under the general editorship of Jagdish Bhagwati and Arvind Panagariya.
  17. *Making of Miracles in Indian States: Andhra Pradesh, Bihar and Gujarat*, (edited with M. Govinda Rao), Oxford university Press, New York (May 2015). Fourth in the series Studies in Indian Economic Policies under the general editorship of Jagdish Bhagwati and Arvind Panagariya
  18. *The World Trade System: Trends and Challenges* (edited with Jagdish Bhagwati and Pravin Krishna), 2016, MIT Press.
  19. *Trade and Prosperity: How Trade Openness Helped the Developing Countries Grow Richer and Combat Poverty*, Oxford University Press, New York (forthcoming)

### **VIII.C Technical Papers**

1. "Variable Returns to Scale in Production and Patterns of Specialization," *American Economic Review*, March 1981, 221-230.
2. "Gains from Trade under Variable Returns to Scale, Commodity Taxation, Tariffs and Factor Market Distortions" (with J. Eaton), *Journal of International Economics*, November 1979, 481-501.
3. "Import Targets and the Equivalence of Optimal Tariff and Quota Structures," *Canadian Journal of Economics*, November 1980, 711-715.

4. "Quantitative Restrictions in International Trade under Monopoly," *Journal of International Economics*, February 1981, 15-31.
5. "Variable Returns to Scale in General Equilibrium Theory Once Again," *Journal of International Economics*, November 1980, 499-526.
6. "Tariff Policy under Monopoly in General Equilibrium," *International Economic Review*, February 1982, 143-156.
7. "Growth and Welfare in a Small, Open Economy" (with J. Eaton), *Economica*, November 1982, 409-419.
8. "Import Objective, Distortions, and Optimal Tax Structure: A Generalization," *Quarterly Journal of Economics*, August 1983, 515-524.
9. "Variable Returns to Scale and the Heckscher-Ohlin and Factor Price Equalization Theorems," *Weltwirtschaftliches Archiv*, 1983, Vol. 119, 259-280.
10. "Trade and Factor Prices in a Model of Capital Utilization" (with R. Betancourt and C. Clague), *Southern Economic Journal*, 1984, Vol 50, 734-742.
11. "Smuggling, Trade and Price Disparity: A Crime Theoretic Approach" (with L. Martin), *Journal of International Economics*, November 1984, 201-217. (Lead Article)
12. "Capital Utilization and Factor Specificity" (with R. Betancourt and C. Clague), *Review of Economic Studies*, 1985, Vol. 52 311-329.
13. "The Harris-Todaro Model and Economies of Scale" (with Patricia Succar), *Southern Economic Journal*, April 1986, 984-998.
14. "Increasing Returns, Dynamic Stability, and International Trade," *Journal of International Economics*, 20, 1986, 43-63.
15. "Increasing Returns and the Specific-Factors Model," *Southern Economic Journal*, July 1986, 1-17. (Lead Article)
16. "Capital Utilization in the Heckscher-Ohlin Model" (with R. Betancourt and C. Clague), *International Trade Journal*, September 1987, 1-22. (Lead Article)
17. "A Theoretical Explanation of Some Stylized Facts of Economic Growth," *Quarterly Journal of Economics*, August 1988, 509-526.
18. "Excise-Tax Evasion: A Welfare cum Crime Theoretic Analysis" (with A.V.L. Narayana), *Public Finance*, 1988 Vol. 43, pp. 248-260.

19. "The Parallel Market in Centrally Planned Economies", *Economics and Politics*, July 1989, Vol. 1, 161-179.
20. "Excise Tax Evasion: Reply to Tower," (with A.V.L. Narayana), *Public Finance* 44, No. 3, 1989, 510-512.
21. "Temporary Trade Taxes, Welfare and the Current Account," (with Ramon Lopez), 1990, *Economics Letters* 33, 347-351.
22. "The Parallel Market in Centrally Planned Economies: A Dynamic Analysis," September 1990, *Journal of Comparative Economics* 14, 353-371.
23. "Indicative Planning in India: Discussion," December 1990, *Journal of Comparative Economics* 14, 736-742.
24. "Input Tariffs, Duty Drawbacks and Tariff Reforms," *Journal of International Economics*, February 1992, 132-147.
25. "Temporary Import and Export Quotas and the Current Account," (with Ramon Lopez), *Journal of International Economics*, November 1991, 371-381.
26. "Factor Mobility, Trade and Welfare: A North-South Analysis with Economies of Scale," *Journal of Development Economics* 39, 1992, 229-245.
27. "On the Theory of Piecemeal Tariff Reform: The Case of Pure Imported Intermediate Inputs," (with Ramon Lopez), *American Economic Review*, June, 1992, 615-625.
28. "Political Economy Arguments for a Uniform Tariff," *International Economic Review*, August 1993, 685-703.
29. "Can Revenue Maximizing Export Taxes Yield Higher Welfare than Welfare Maximizing Export Taxes?" (with Maurice Schiff), *Economics Letters*, 1994, Vol. 45, 79-84.
30. "A Political Economy Analysis of Free Trade Areas and Customs Unions," (with Ronald Findlay), in Robert Feenstra, Gene Grossman, and Douglas Irwin, eds., *The Political Economy of Trade Reform*, essays in honor of Jagdish Bhagwati, MIT Press, 1996. Reproduced as Chapter 17 in Bhagwati, J., P. Krishna and Arvind Panagariya, eds., *Trading Blocs: Alternative Approaches to Analyzing Preferential Trade Agreements*, Cambridge, MA: MIT Press, February 1999.
31. "Why and Why-Not of Uniform Tariffs," *Economic Studies Quarterly*, September 1994, 303-321.



32. "Explaining the Pattern of Factor Flows between the North and the South." *Osaka Economic Papers* 40, March 1991, 199-209.
33. "The Theory of Preferential Trade Agreements: Historical Evolution and Current Trends," (with Jagdish Bhagwati), *American Economic Review*, May 1996.
34. "The Meade Model of Preferential Trading: History, Analytics and Policy Implications," in Cohen, B.J., *International Trade and Finance: New Frontiers for Research*, Essays in Honor of Peter B. Kenen, Cambridge University Press, October 1997, 57-88. Reproduced as chapter 2 in Bhagwati, J., P. Krishna and Arvind Panagariya, eds., *Trading Blocs: Alternative Approaches to Analyzing Preferential Trade Agreements*, Cambridge, MA: MIT Press, February 1999.
35. "Preferential Trading and Capital Mobility," (with S. Suthiwart-Narueput) *Eastern Economic Journal* 22, No. 4, Fall 1996.
36. "Regional Integration and the Environment," (with S. Suthiwart-Narueput), *Environmental and Development Economics*, 1997.
37. "Preferential Trading and Real Wages," (with S. Suthiwart-Narueput) *Review of International Economics* 6, No. 3, August 1998.
38. "Preferential Trading and the Myth of Natural Trading Partners," *Japan and the World Economy* 9, 471-489, 1997.
39. "Trading Preferentially: Theory and Policy," (with Jagdish Bhagwati and David Greenaway), *Economic Journal*, July 1998, 1128-1148.
40. "Do Transport Costs Justify *Regional* Preferential Trading Arrangements? No." *Weltwirtschaftliches Archiv* 134(2), 1998, 280-301.
41. "Anti-dumping Duty versus Price Competition," (with Poonam Gupta) *World Economy* 21(8), 1998, 1003-1019.
42. "The 'Gains' from Preferential Trade Liberalization in the CGEs: Where Do They Come From?" (with Rupa Duttagupta), in Sajal Lahiri, ed., *Regionalism and Globalization: Theory and Practice*, London: Routledge, 2001, 39-60.
43. "Evaluating the Factor-Content Approach to Measuring the Effect of Trade on Wage Inequality," *Journal of International Economics* 50(1), 2000 (Special Millennium and 50<sup>th</sup> Anniversary issue)
44. "Preferential Trade Liberalization: The Traditional Theory and New Developments," *Journal of Economic Literature* 38, June 2000, 287-331.

45. "Defense and Welfare under Rivalry," (with Hirofumi Shibata) *International Economic Review* 41(4), November 2000, 951-69.
46. "A Unification of the Second Best Results in International Trade," (with Pravin Krishna) *Journal of International Economics* 52(2), 235-257, December 2000.
47. "Demand Elasticities in International Trade: Are They Really Low?" (with Shekhar Shah and Deepak Mishra), *Journal of Development Economics* 64, 2001, 313-342.
48. "On Welfare Enhancing FTAs," (with Pravin Krishna), *Journal of International Economics* 57(2), August 2002, 353-367.
49. "Politics of Free Trade Area: Tariffs versus Quotas," (with Rupa Duttagupta) *Journal of International Economics* 58(2), 413-427, December 2002.
50. "Cost of Protection: Where do We Stand?" *American Economic Review. Papers and Proceedings*, May 2002, 175-179.
51. "Anti-trade Bias in Trade Policy and General Equilibrium," (with Nuno Limao) *Contributions to Economic Analysis and Policy*, 2004, Vol. 3: No. 1, Article 14.
52. "India's Trade Reform" *India Policy Forum*, 2004, Volume 1, 1-57.
53. "The Muddles over Outsourcing," *Journal of Economic Perspectives*, Volume 18, Number 4 (November 2004), pp. 93-114.
54. "Injury Investigations in Antidumping and the Super-Additivity Effect: A Theoretical Explanation (with Poonam Gupta), *Weltwirtschaftliches Archiv* 142(1), 2006, 151-164.
55. "Bhagwati and Ramaswami: Why it *is* a Classic," *World Economy* 29(11), November 2006, 1553-1570.
56. "International Trade," in Clark, David, ed., *The Elgar Companion to Development Studies*, 2006, Cheltenham, UK: Edward Elgar, 295-8.
57. "Migration: Who Gains, Who Loses," in Susan M. Collins and Carol Graham, editors, *Brookings Trade Forum 2006: Global Labor Markets?* 2006, Washington, D.C.: Brookings Institution Press, 229-244.
58. "International Trade." In David Clark, ed., *The Elgar Companion to Development Studies*, 2006, 295-298.
59. "Preferential Trading and General Equilibrium: The Small-Union Case Revisited," in Dinopoulos, Elias, Pravin Krishna, Arvind Panagariya and Kar-yiu Wong, eds., *Trade, Globalization and Poverty*, Oxon, U.K.: Routledge, December 2007.

60. "Inequality and Endogenous Trade Policy Outcomes," *Journal of International Economics* (with Nuno Limao) 72(2), pages 292-309, July 2007.
61. "Free Trade Areas and Rules of Origin: Economics and Politics" (with Rupa Duttagupta), *Economics and Politics* 19(2), 169-190, July 2007
62. "Bhagwati, Jagdish," *International Encyclopedia of Social Sciences*, October 2007.
63. "Tariffs versus Quotas," *New Palgrave Dictionary of Economics*, May 2008.
64. "Heckscher-Ohlin Model," *The Princeton Encyclopedia of the World Economy*, 2009.
65. "Indian Economic Development," *New Palgrave Dictionary of Economics Online*, September 2009.
66. "The 4-quadrant diagram depicting the Heckscher-Ohlin model." In Mark Blaug and Peter Lloyd, eds. 2010, *Famous Figures and Diagrams in Economics*, Edward Elgar.
67. "Economic Reforms and Electoral Outcomes," (with Poonam Gupta) in Jagdish Bhagwati and Arvind Panagariya, eds., *India's Reforms: How they Produced Inclusive New York: Oxford University Press, March 2012*, pp. 51-87.
68. "Growth, Openness and the Socially Disadvantaged" (with Megha Mukim) in Jagdish Bhagwati and Arvind Panagariya, eds., *India's Reforms: How they Produced Inclusive New York: Oxford University Press, March 2012*, pp. 186-246.
69. "Some Surprising Facts About the Concentration of Trade Across Commodities and Trading Partners (with Nitika Bagaria), *The World Economy* 6 MAR 2013, DOI: 10.1111/twec.12060, pp. 1-22.
70. "Does India Really Suffer from Worse Child Malnutrition than Sub-Saharan Africa?" *Economic and Political Weekly*, May 2013.
71. "Services Growth in India: A Look Inside the Black Box" (with Rajeev Dehejia). In Bhagwati, Jagdish and Arvind Panagariya, ed., 2012, *Reforms and Economic Transformation in India*, Oxford University Press, New York, pp. 86-118.
72. "Entrepreneurship in Services and the Socially Disadvantaged in India" (with Rajeev Dehejia). In Bhagwati, Jagdish and Arvind Panagariya, ed., 2012, *Reforms and Economic Transformation in India*, Oxford University Press, New York, pp. 86-118.

73. "Indian Economy: Yesterday, Today and Tomorrow." In Steven N. Durlauf and Lawrence E. Blume, ed., *The New Palgrave Dictionary of Economics*, Online Edition, Palgrave Macmillan, 2012
74. "A Comprehensive Analysis of Poverty in India," (with Megha Mukim), *Asian Development Review*, Asian Development Review, March 2014, MIT Press, vol. 31(1), 1-52.
75. "Growth and election Outcomes in a Developing Country," *Economics and Politics*, forthcoming (with Poonam Gupta), Volume 26, Issue 2, July 2014, Pages: 332–354.
76. "Poverty by Social, Religious and Economic Groups in India and its Largest States: 1993-94 to 2011-12," (with Vishal More), *Indian Growth and Development Review*, forthcoming (with Vishal More), Volume 7, issue 2, 2014, 202-230.

#### **VIII.D Policy Papers: India/South Asia (Also see press writings in Section VIII.F)**

1. "The Caste System and Economic Development," *Rajasthan Economic Journal*, July 1981, 1-15.
2. "India: A New Tiger on the Block?" *Journal of International Affairs*, Vol. 48, No. 1, Summer 1994, pp. 193-221
3. "What Can We Learn from China's Export Strategy?" *Finance and Development*, June 1995.
4. "Trade Policy in South Asia: Recent Liberalization and Future Agenda," *World Economy* 22(3), May 1999, 353-378.
5. "WTO Trade Policy Review of India, 1998," *World Economy*, August 1999, 799-824.
6. "The Millennium Budget: Behind Its Time?," *Economic and Political Weekly*, March 4-10, 2000, 755-758.
7. "India's Economic Reforms: What has been accomplished? What remains to be done?" EDRC Policy Brief 2, November 2001, Asian Development Bank, Manila, Philippines
8. "Trade Liberalization in Asia," in Jagdish Bhagwati, ed., *Going Alone: The case for Relaxed Reciprocity in Freeing Trade*, Cambridge, MA.: MIT Press, 2002, 219-301.
9. "India at Doha: Retrospect and Prospect," *Economic and Political Weekly* 37(4), January 26, 2002, 279-284.
10. "South Asia: Does Preferential Trade Liberalization Make Sense?" *World Economy*, 2003, Volume 26, no. 9 (special issue on Global Trade Policy), pp. 1279-1291.

11. "India in the 1980s and 1990s: A Triumph of Reforms", IMF Working Paper WP/04/43. Forthcoming in Tseng, W. and D. Cowen, eds., *India's and China's Recent Experience with Reform and Growth*, Palgrave-Macmillan, London, forthcoming.
12. "Is a Crisis Around the Corner?" (Comment on "A Balance Sheet Crisis in India," by Nouriel Roubini and Richard Hemming) in Peter S. Heller and Govinda Rao, *A Sustainable Fiscal Policy for India: An International Perspective*. Oxford University Press, New Delhi, 2006.
13. "India: Are the Skeptics Right?" *IMF Survey* 32, number 21, December 1, 2003.
14. "Growth and reforms during 1980s and 1990s," *Economic and Political Weekly*, June 19, 2004, 2581-94
15. "Vote Against Reforms?" *Economic and Political Weekly*, May 22, 2004.
16. Bringing Competition to the Top Civil Service," *Yojana* (published in 13 Indian languages simultaneously), August 2005.
17. "Why India lags behind China and how it can Bridge the Gap," *World Economy* 30 (2), 229–248, February 2007.
18. "India and the WTO," in Kaushik Basu, ed., *The Oxford Companion to Economics in India*, 562-5, 2007.
19. 'India and China: Trade and Foreign Investment', paper presented at the conference 'Challenges of Economic Policy Reform in Asia', Stanford Center for International Development, June 1-3, 2006. To be published in a volume edited by T. N. Srinivasan.
20. 'Transforming India', in Jagdish Bhagwati and Charles Calomiris, eds., *Sustaining India's Growth Miracle*, New York: Columbia University Press, April 2008., pp. 9-45.
21. 'The Political Economy of Trade and Foreign Investment Policies in India: 1950-2006,' paper presented at the conference 'Applied Economic Research in Independent India: The Way Forward', National Council on Applied Economic Research, December 17, 2006. To be published in a volume edited by Suman Bery, Surjit Bhalla and Rakesh Mohan.
22. 'External Liberalization by India and China: Recent Experience and Future Challenges,' presented at Macroeconomy Research Conference of the Tokyo Club Foundation for Global Studies, December 6-7, 2006.

23. "The Indian Growth Miracle: What are the Lessons?" *ASCI Journal of Management* 38(1), 70-85.
24. "Reorienting India's Public Sector." In Bibek Debroy, ed., *The Crossover: Public Sector in Globalized India*, 2008.
25. "Building a Modern India," in *India 2010*, New Delhi: Business Standard, 2010, pp. 3-14.
26. "India on the growth Turnpike: No State Left behind," Chapter 1 in Kochhar, Sameer, ed., *India on the Growth Turnpike*, March 2010.
27. "The Global Professional: Demographic Change and the Rise of India," 2011, *Harvard International Review* Winter, Vol. XXXII, No. 4, pp. 40-45.
28. "India: A Global Economic Power?" 2011, *Journal of International Affairs*, Spring-Summer, Vol. 64, No. 2, pp. 197-212.
29. "Understanding the crisis and its aftermath," *Economic and Political Weekly*, February 26, 2011, pp. 33-35.
30. "India's unfinished Business," *Foreign Policy*, November 4, 2010.
31. "Avoiding Lopsided Spatial Transformation," in Ejaz Ghani, ed., *Reshaping Tomorrow: Is South Asia ready for the Big Leap?* New Delhi: Oxford University Press, 2011, pp. 143-167.
32. "Introduction: Trade, Poverty, Inequality and Democracy," (with Jagdish Bhagwati) in Jagdish Bhagwati and Arvind Panagariya, eds., *India's Reforms: How they Produced Inclusive Growth* New York: Oxford University Press, March 2012, pp. 3-17.
33. "India and China: Trade and Foreign Investment." In N. Hope, A. Kochhar, R. Noll and T. N. Srinivasan, ed., 2013, *Economic Reform in India*, Cambridge university Press, pp. 96-138.
34. "External liberalization by India and China: recent experience and future challenges" (with Asha Sundaram), *India Growth and Development Review* 6(1).
35. "Introduction" (with Jagdish Bhagwati,) in Bhagwati, Jagdish and Arvind Panagariya, ed., *India's Reforms: How they Produced Inclusive Growth*, Oxford University Press, New York, pp. 3-17.
36. "Introduction" (with Jagdish Bhagwati), in Bhagwati, Jagdish and Arvind Panagariya, ed., *Reforms and Economic Transformation in India*, Oxford University Press, New York, pp. 1-12.

37. "Indian Economy: Retrospect and Prospect," Richard Snape Memorial Lecture 2013, 6 November 2013, Productivity Commission, Australian Government, Melbourne.
38. "A Reform Agenda for India's New Government," C. D. Deshmukh Memorial Lecture 2014, 11 February 2014, National Council on Applied Economic Research, New Delhi.
39. "The Promise of Modinomics: How the New Prime Minister can Bring Back Growth," *Foreign Affairs* <<http://www.foreignaffairs.com/articles/141556/arvind-panagariya/the-promise-of-modinomics>> , accessed 18 March 2015.
40. "Fixing the economy: What all PM Modi needs to do to fix the economy," *India Today*, 26 June 2014 (Cover Story).
41. "Time to change course: No magic bullet that can cure the ills of Indian education system," *India Today*, 1 August 2014
42. "Launching India into a Double-digit Growth Orbit," *Seminar* (Annual), January 2015, #665, 45-50.
43. "India: Three and a Half Years of Modinomics," Working Paper 2018-1, Deepak and Neera Raj Center on Indian Economic Policies, Columbia University.

#### **VIII.E Trade and Development**

1. "Commodity Exports and Real Income in Africa: A Preliminary Analysis," (with Maurice Schiff) in Chhibber, A. and Fischer, S., eds., *Economic Reform in Sub-Saharan Africa*, The World Bank, 1991, Published in Spanish under the title "Politica Comercial Exportaciones de Productos Basicos y Bienestar: Teoria y Aplicacion al Cocoa" in *Cuadernos de Economia* 28, 249-269, August 1991.
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### **Outside Professional Activities**

#### **Keynote address at PwC Tax Symposium, Grand Hyatt, Goa, 16<sup>th</sup> February 2018**

**Details of the Event:** PwC Tax Symposium is a marquee event held globally across regions since past few years. In the past decade, India has caught the attention of the world with its tremendous potential, which is driven by its all-encompassing growth. Tax and Regulatory reforms have been at the centre of the Government's strategy to make India a strong and developed economy. Recognising the need to address these challenges, PwC organises this marquee forum to deliberate over the macro - economic landscape of India and the dynamic tax regimes in India and abroad in the presence of eminent dignitaries, leaders from Indian Incorporation and PwC network of leaders.