

March 2023

ADITYA BHATTACHARJEA

**Former Senior Professor and Head, Department of Economics
Delhi School of Economics
University of Delhi, Delhi 110007, India
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EDUCATION

- 1978 B.A. Economics (Hons.), St Stephen's College, University of Delhi, First Division
- 1980 M.A., Jawaharlal Nehru University, New Delhi, First Division
- 1984 M.Phil., University of Cambridge, Distinction
- 1990 M.A., Boston University, Grade A (highest possible)
- 1993 Ph.D., Boston University (Thesis title: *Strategic Trade Policy for Developing Countries*, Supervisors: Professors Ingo Vogelsang and Jonathan Eaton)
- 2007 Certificate in Intellectual Property Rights and Information Technology in the Internet Age, Indian Law Institute, New Delhi, Grade A+

EMPLOYMENT

- | | |
|------------------------------|---|
| August 1980-July 1993 | Lecturer in Economics, St Stephen's College, University of Delhi
(on leave during 1983-84 and 1987-92) |
| September 1988 -
May 1992 | Presidential University Teaching Fellow, Boston University. |
| August 1993-July 1996 | Reader in Economics, St Stephen's College. |
| July 1996-July 2003 | Reader/Associate Professor, Delhi School of Economics, University of Delhi |
| January-April 2002 | Visiting Associate Professor, Dept of Economics,
Duke University, Durham (NC), USA. |
| August 2003-July 2018 | Professor of Economics, Delhi School of Economics |
| July 2018-Dec 2022 | Senior Professor of Economics, Delhi School of Economics |

ACADEMIC AWARDS, DISTINCTIONS, PRIZES AND SCHOLARSHIPS

1976	Rector's Prize for General Knowledge and Ability	University of Delhi
1978-80	National Merit Scholar	Government of India
1983-84	Commonwealth Scholar	Association of Commonwealth Universities, U.K.
1987-88	Presidential University Fellow	Boston University
1994-96	Associate	Indian Institute of Advanced Studies, Shimla
1995	International Trade Research Award for the best Ph.D. thesis on foreign trade	Export-Import Bank of India
2012	Canadian Studies Faculty Research Fellow	Shastri Indo-Canadian Institute (University of British Columbia)
2021-	Non-resident Honorary Distinguished Fellow	Indira Gandhi Institute of Development Research, Mumbai

ACADEMIC PUBLICATIONS (Not including book reviews)

(Some of these are available at <http://ssrn.com/author=341570>)

Articles in Refereed Journals

1. "Keynes and the Long-period Theory of Employment: A Note", *Cambridge Journal of Economics*, 11, 1987. Reprinted in M. Blaug (ed.), *John Maynard Keynes (1883-1946)* vol. 2, Elgar Reference Collection vol. 46. Edward Elgar Publishers, Aldershot, UK, 1991.
2. "Strategic Tariffs and Endogenous Market Structures: Trade and Industrial Policies under Imperfect Competition", *Journal of Development Economics*, 47, 1995.
3. "Trade Policy under Imperfect Competition: Free Trade, Autarky, or Optimal Tariffs?", *Indian Economic Journal*, 45, 1998.

4. “Optimal Trade Policy When a Foreign Monopolist Has Unknown Costs: An Incentive-Compatible Approach”, *Indian Economic Review*, 33, 1998.
5. “Foreign Entry and Domestic Welfare: Lessons for Developing Countries”, *Journal of International Trade and Economic Development*, 11, 2002.
6. “Infant Industry Protection, Revisited: Entry-Deterrence and Entry Promotion when a Foreign Monopolist has Unknown Costs”, *International Economic Journal*, 16, 2002.
7. “Export Cartels: A Developing Country Perspective”, *Journal of World Trade* (Kluwer Publishers), 38(2), April 2004.
8. “Import Quotas, Export Promotion, and Intra-Industry Trade”, *Rivista Internazionale di Scienze Economiche e Commerciali*, 52(2), June 2005.
9. “Mergers in India: A Response to Regulatory Shocks” (with Manish Agarwal), *Emerging Markets Finance and Trade*, 42(3), May-June 2006.
10. “The Case for a Multilateral Agreement on Competition Policy: A Developing-Country Perspective”, *Journal of International Economic Law* (OUP), 9(2), June 2006.
11. “Labour Market Regulation and Industrial Performance in India: A Critical Review of the Empirical Evidence”, *Indian Journal of Labour Economics*, 39(2), April-June 2006.
12. “India’s New Competition Law: A Comparative Assessment”, *Journal of Competition Law and Economics* (OUP) 4(3), September 2008. Reprinted in Eleanor Fox and Abel Mateus (eds), *Economic Development: The Critical Role of Competition Law and Politics*, Edward Elgar, 2011.
13. “Did Kaldor Anticipate the New Economic Geography? Yes, but...”, *Cambridge Journal of Economics*, 34(6): 1057-1074, November 2010.
14. “India’s New Antitrust Regime: The First Two Years of Enforcement”, *The Antitrust Bulletin*, 57(3): 449-84, Fall 2012 (invited contribution for a special issue).
15. “Trade, Development and Competition Law: India and Canada Compared”, *Trade, Law and Development Review*, June 2013.
16. “Multi-Market Collusion with Territorial Allocation” (with Uday Bhanu Sinha), *International Journal of Industrial Organization*, 41:42-50, July 2015.
17. “International Cartels with Territorial Allocation: A Model with Paradoxical Implications” (with Uday Bhanu Sinha), *Indian Economic Review* 51: 181-195, 2016.

18. “Anti-cartel Enforcement in India” (with Oindrila De), *Journal of Antitrust Enforcement* 5: 166-196, 2017 (Special Issue).
19. “Sylvania's Indian Precursor and its Legacy”, *Review of Industrial Organization* 51(2): 173-191, 2017 (Special Issue).
20. “Competition Law and Competition Policy in India: How the Competition Commission Has Dealt with Anticompetitive Restraints by Government Entities” (with Oindrila De and Geeta Gouri). *Review of Industrial Organization*, 54(2): 221-250, 2019 (CRESSE Special Issue).
21. “Inverted Duty Structures and the Paradox of Negative Effective Protection in India, 2000-2014” (with Kanika Pathania), *Foreign Trade Review*, 55(2): 139-167, 2020.
22. “Labour Market Flexibility in Indian Manufacturing: A Critical Survey of the Literature”, *International Labour Review*, 160(2): 197-217, 2021.
23. “Abuse of Dominance under the Competition Act: The Need for a Competitive Effects Test”, *Indian Competition Law Review* 7(2): 36-43, 2022.
24. “Industrial Policy in India since Independence”, *Indian Economic Review* 57(2): 565-598, 2022.

Other Journal Articles

1. “Kalecki, Keynes, and the Question of Priority” (with N. Raghunathan), *Economic and Political Weekly*, 2 July 1988.
2. “Tariffs and Foreign Prices”, *Economic and Political Weekly*, 3 September 1988.
3. “Strategic Trade Policy and Developing Countries”, *Economic and Political Weekly*, 21 August 1993.
4. “Protection and Exports”, *Economic and Political Weekly*, 2 September 1995.
5. “Investment, Exports and Growth: A Sceptical Note”, *Economic and Political Weekly*, 2 November 1996.
6. “Predation, Protection and the ‘Public Interest’”, *Economic and Political Weekly*, 2 December 2000.
7. “Competition Policy: India and the WTO”, *Economic and Political Weekly*, 22 December 2001.

8. “India’s Competition Policy: An Assessment”, *Economic and Political Weekly*, 23 August 2003.
9. “Predatory Pricing and Anti-Dumping Revisited”, *Economic and Political Weekly*, 29 January 2005.
10. “India’s Trade Relations with China and Russia in the Context of the WTO”, *China Report* (Sage), 41(4), Oct-Dec 2005.
11. “Amending India’s Competition Act”, *Economic and Political Weekly*, 14 October 2006.
12. “Are Merger Regulations Diluting Parliamentary Intent?” (with Manish Agarwal), *Economic and Political Weekly*, 28 June 2008.
13. “India’s New Competition Law”, *Bloomberg Law Reports: Antitrust and Trade* 1(7), October 2008.
14. “Krugman’s Economics: An Introduction”, *Economic and Political Weekly*, 6 December 2008.
15. “The Effects of Employment Protection Legislation on Indian Manufacturing”, *Economic and Political Weekly*, 30 May 2009.
16. “Of Omissions and Commissions: India’s Competition Laws”, *Economic and Political Weekly*, 28 August 2010.
17. “India’s New Antitrust Regime”, *CPI Antitrust Chronicle*, Competition Policy International, November 2010.
18. “Cartels and the Competition Commission” (with Oindrila De), *Economic and Political Weekly*, 1 September 2012.
19. “Predatory Pricing in India”, *CPI Antitrust Chronicle*, Competition Policy International, January 2022.

Books Edited

1. *Globalization and the Developing Economies: Theory and Evidence* (co-edited with Sugata Marjit), Manohar Publishers, New Delhi, 2004.
2. *International Economics* (six booklets of lessons for the MA Economics course), New Delhi: Indira Gandhi National Open University, 2006.

Book Chapters

1. “Trade, Investment and Competition Policy: An Indian Perspective”, in Aaditya Mattoo and Robert Stern (eds), *India and the WTO*, World Bank/Oxford University Press, New York, 2003.
2. “Increasing Returns, Trade and Development” in A. Bhattacharjea and S. Marjit (eds), *Globalization and the Developing Economies: Theory and Evidence*, Manohar Publishers, New Delhi, 2004.
3. “Playing by the Rules? Developing Countries and the World Trade Regime”, in Simon Bromley et al (eds), *Making the International: Economic Interdependence and Political Order*, Pluto Press for the Open University (UK), 2004.
4. “Cross-border Competition Issues” (with Nitya Nanda), in Pradeep S. Mehta (ed.), *Towards a Functional Competition Policy for India*, Academic Foundation, New Delhi, 2006.
5. “Potential Problems in the Implementation of the Competition Act”, in Jaivir Singh (ed), *Understanding Regulation: Institutional and Legal Dimensions*, Social Sciences Press, New Delhi, 2007.
6. “International Cartels and Spheres of Influence”, in K. G. Dastidar, H. Mukhopadhyay, and U.B. Sinha (eds), *Dimensions of Economic Theory and Policy: Essays for Anjan Mukherji*, OUP, New Delhi, 2011.
7. “Antitrust Law”, in Kaushik Basu (ed), *The Oxford Companion to Economics in India*, OUP, New Delhi, 2007. Revised and updated version in Kaushik Basu and Annemie Martens (eds), *The New Oxford Companion to Economics in India*, OUP, New Delhi, 2012.
8. “Imperial Legacy: The Persistence of Colonial Trade Patterns” (with Rashmi Banga), in Sunanda Sen and Anjan Chakrabarty (eds), *Development on Trial*, Orient Black Swan, New Delhi, 2013.
9. “Who Needs Antitrust? Or, Is Developing-Country Antitrust Different? A Historical-Comparative Analysis”, in D. Daniel Sokol, Thomas K. Cheng and Ioannis Lianos (eds) *Competition Law and Development*, Stanford University Press, 2013.
10. “Comments” (on S. Dougherty, V. Frisancho, and K. Krishna, “State-level Labor Reform and Firm-level Productivity in India”), in S. Shah, B. Bosworth and A. Panagariya (eds.), *India Policy Forum Volume 10, 2013-14*, Sage, New Delhi, 2014.
11. “Recent Trends in Mega-mergers in India and Lessons for Competition Policy: Insights from Merger Cases under the Competition Act”, in C. Veeramani and R. Nagaraj (eds), *International Trade and Industrial Development in India: Emerging Trends, Patterns and Issues*, Orient Blackswan, New Delhi, 2016 (updated with a postscript in the 2018 paperback edition).

12. “The Indian Pharmaceutical Sector: Antitrust Issues and Cases” (with Fiyanshu Sindhwani), in Eleanor M. Fox, Harry First, Nicolas Charbit and Elisa Ramundo (eds), *Antitrust in Emerging and Developing Countries: Featuring Africa, Brazil, China, India, Mexico...* (2nd edn), Institute for Competition Law, New York, 2016.
13. “Threshold Effects of Indian Labour Laws”, in Uma Kapila (ed.), *India’s Economy: Pre-Liberalization to GST*, Academic Foundation, New Delhi, 2017.
14. “Predatory Pricing in Platform Competition”, in Ashish Bharadwaj, Vishwas H. Devaiah and Indranath Gupta (eds.), *Multidimensional Approaches Towards New Technology: Insights on Innovation, Patents and Competition*, Springer, New Delhi, 2018. [Open access: https://link.springer.com/chapter/10.1007/978-981-13-1232-8_11]
15. “The Enforcement of Indian Competition Law: Administrative or Regulatory?”, in Devesh Kapur and Madhav Khosla (eds.), *Regulation in India: Design, Capacity, Performance*, Hart Publishing, Oxford, 2019.
16. “Neither Crime nor (Much) Punishment: India’s Cartel Penalty Practices” (with Oindrila De), forthcoming in Kaushik Basu and Ajit Mishra (eds), *Law and Economic Development: Behavioral and Moral Foundations of a Changing World*, Palgrave Macmillan, 2023.

Other Research Outputs

1. “The Effects of Employment Protection Legislation on Indian Manufacturing”, CDDRL Working Paper No. 96, Center on Democracy, Development, and The Rule of Law, Freeman Spogli Institute for International Studies, Stanford University, January 2009, http://cddrl.fsi.stanford.edu/publications/the_effects_of_employment_protection_legislation_on_indian_manufacturing.
2. “Multimarket Collusion with Territorial Allocation” (with Uday Bhanu Sinha), Centre for Development Economics Working Paper No.217, September 2012, <http://cdedse.org/pdf/work217.pdf>.
3. “Competition Issues in the Indian Pharmaceuticals Sector” (with Fiyanshu Sindhwani), Project Report submitted to CUTS-CIRC, January 2014, https://cuts-ccier.org/pdf/Report-Pharmaceutical_Sector_Study.pdf.
4. “Labour Market Flexibility in Indian Industry: A Critical Survey of the Literature”, Centre for Development Economics Working Paper No.296, March 2019, <https://ideas.repec.org/p/cde/cdewps/296.html>. Substantially revised, corrected and updated

version (June 2021): <https://ssrn.com/abstract=3745120>. Shorter version published in *International Labour Review*, 2021 (see above).

5. “India’s Cartel Penalty Practices, Optimal Restitution and Deterrence” (with Oindrila De), Institute of Economic Growth Working Paper No.424, March 2021, http://iegindia.in/upload/profile_publication/doc-010421_162610WP424fc.pdf). Shorter version forthcoming in Basu and Mishra (eds.), above.
6. “Alternative Forms of Buyer Power in a Vertical Duopoly: Implications for profits and consumer welfare” (with Srishti Gupta), Centre for Development Economics Working Paper No. 326, July 2022, <http://cdedse.org/pdf/work326.pdf>.

PRESENTATIONS AT SEMINARS, CONFERENCES ETC (last 8 years)

Two presentations on Indian competition policy at the Competition Law and Policy Workshop organized by HSE-Skolokovo Institute for Law and Development, National Research University Higher School of Economics (Russia), and Centre for Law, Economics and Society, University College, London, at St Petersburg, Russia, June 2015.

“The State of the Economics Discipline in India” (panellist) on ICSSR Economics Research Series, JNU, New Delhi, September 2015.

“Antitrust in the Indian Pharmaceuticals Sector”, Conference on Antitrust in Emerging and Developing Economies, New York University School of Law, October 2015.

“Competition Issues in the Indian Pharmaceuticals Sector: Implications for Research and Public Policy”, Indian Institute of Technology, Guwahati, January 2016.

Panel Discussant and Session Chair, First National Conference on Economics of Competition Law, Competition Commission of India, New Delhi, March 2016.

“*Sylvania’s* Indian Precursor and its Legacy”, Utrecht University School of Economics, The Netherlands, October 2016.

"Why, When, and How Should Governments Restrict or Promote Competition?" Valedictory Address at the refresher course training programme for officers of the Competition Commission of India, New Delhi, July 2017.

“Anti-cartel Enforcement: Some simple analytics and applications to India” (Keynote Address), National Conference on the Economics of Competition Law, Competition Commission of India, April 2018.

“Between the Law and Recovery: Penalties under India’s Competition Act”, 1st UCL South Asian Competition Law Conference, University College London, November 2018.

“Labour Market Flexibility in Indian Industry”, Symbiosis International University, Pune, February 2019.

“The Teaching of Economics” (panellist), Ambedkar University Delhi, March 2019.

“Policy Transitions in the Industrial Sector in India”, Diamond Jubilee Colloquium, IIT-Bombay, March 2019.

“Labour Market Flexibility in Indian Industry”, Institute of Economic Growth, Delhi, September 2019.

“Policy Transitions in the Industrial Sector in India and Causes of the Current Slowdown”, Banasthali Vidyapeeth, October 2019.

“Economics of Multisided Platforms and Implications for Antitrust”, Jindal Global University, March 2020.

“Anti-cartel Enforcement in India”, Academic Society for Competition Law (ASCOLA)-India chapter, July 2020.

I: “Policy Transitions in the Industrial Sector in India”; II: “Indian Industry: Pre- and Post-Covid Challenges”; III: “Detecting and Deterring Bid-rigging in Public Procurement”. Technical Management Course, Naval War College, Goa, July 2020.

“Economic Consequences of Procedural Delays in Competition Law Enforcement” (panellist), Confederation of Indian Industry, November 2020.

“The Future of Mobile Ecosystems: Enabling a Choice for Market Players and Consumers in India” (panel moderator), Competition Policy International, December 2020.

“Neither Crime nor (much) Punishment: Cartel Penalties and Leniency under India’s Competition Act” (with Oindrila De), International Economic Association Workshop on Law and Economic Development, January 2021.

“India’s Cartel Penalty Practices, Optimal Restitution and Deterrence” (with Oindrila De), Cartel Working Group under Network of Indian Competition Experts (NICE), Competition Commission of India, March 2021.

“Economics of Multi-sided Platforms: Implications for Antitrust Enforcement”, International symposium on ‘The Digital Economy and Competition Law’, Bennett University, July 2021.

“Digital Markets: Economic Principles and Policy Implications”, Jindal Global University, May 2022.

“Effect of Antitrust Penalties on Share Prices of Indian Firms in Cartel Cases, 2011-21” (with Oindrila De), 8th International Conference on Law and Economics, National Law University Delhi, November 2022 (awarded First Prize for Best Paper in the Conference).

“Labour Market Flexibility in Indian Industry: A Sceptical View”, Friday Research Colloquium, Department of Sociology, Delhi School of Economics, November 2022.

RESEARCH PROJECTS

Project sponsored by the Ministry of Commerce, Government of India, to provide research inputs and background briefs for India’s negotiating position on competition policy at the WTO, 2002-03.

Research project on Trade and Competition Policy, sponsored by the Indian Council for Research in International Economic Relations, 2005-06.

Research project on Indian competition law, sponsored by the East Asia International Economic Law Programme of Hong Kong University, 2006-07

Research project on Indian labour law, sponsored by the Rule of Law Program of Stanford University Law School, 2007-09.

Research project on competition issues in the Indian pharmaceutical sector, sponsored by CIRC-CUTS as part of the project on ‘National Competition Policy and Economic Growth in India (ComPEG), 2012-13.

COURSES TAUGHT

B.A. level: Microeconomics, Macroeconomics, Money and Financial Institutions, Economic Development, Indian Economic Problems.

M.A. level: Economic Development and Policy in India, Industrial Organization, International Trade, Trade and Development.

DOCTORAL THESES SUPERVISED

Rashmi Banga, *The Nature, Pattern and Impact of Japanese and U.S. Foreign Direct Investments in Indian Manufacturing* (2003)*

Isha Chawla, *The Internationalization of Indian Firms through Outbound Foreign Direct Investment: Nature, Determinants and Developmental Consequences* (2015)*

Ramaa Sambamurthy, *Subcontracting and Industrial Agglomeration: Relationship and Effects on Labour Productivity and Wages in the Unorganized Manufacturing Sector in India* (2016)

Sonal Dua, *Mergers and Acquisitions in India: A Quantitative Analysis of Recent Patterns and their Determinants* (2019)

Fiyanshu Sindhvani, *Competition Issues in the Indian Pharmaceutical Industry* (2019)

Kanika Pathania, *Inverted Duty Structure and Effective Rate of Protection: Theoretical and Empirical Analyses* (2021)*

Srishti Gupta, *Buyer Power in Vertical Contracts: Theoretical and Empirical Analyses* (2022)

*These theses were awarded the International Economic Research Annual (IERA) Award of the Export-Import Bank of India, given annually for the best doctoral dissertation in the areas of international economics, trade, development and related financing by an Indian national at universities and academic institutions in India and abroad.

OTHER PROFESSIONAL ACTIVITIES

Editorial/Refereeing

Member, Editorial Advisory Board, *Indian Economic Review*, 2019 – present.

Reviews Editor, *Indian Economic Review*, 1997-99; Member, Editorial Board, 2007 – 2018.

Member, Editorial Advisory Board, *CCI Journal on Competition Law and Policy*, 2019 – present.

Member, Editorial Advisory Board, *Indian Journal of Labour Economics*, 2014 – present.

Refereed papers for *Artha Vijnana*, *Cambridge Journal of Economics*, *Canadian Journal of Economics*, *CCI Journal on Competition Law and Policy*, *China Report*, *Economic and Political Weekly*,

Development and Change, Indian Economic Review, Indian Journal of Law and Economics, Indian Law Review, Industrial Relations Journal, International Economic Review, International Labour Review, Journal of Antitrust Enforcement, Journal of Competition Law and Economics, Journal of the Indian School of Political Economy, Journal of Industry, Competition and Trade, Journal of Institutional Economics, Journal of International Business Policy, Journal of International Economics, Journal of International Trade and Economic Development, Journal of Quantitative Economics, Journal of South Asian Development, Review of Development Economics, Review of Industrial Organization, Review of Law and Economics, World Development, and manuscripts and book proposals for Cambridge University Press, Lexis-Nexis Publications, Macmillan India, Oxford University Press, Routledge/Taylor & Francis, Sage Publications, and Tata-McGraw Hill.

Institutional

Member, Board of Studies, Faculty of Economics, South Asian University, 2020 – present.

Treasurer, Centre for Development Economics, Delhi School of Economics, 1998-2000; Managing Director, 2000-2002 and 2011-12; Executive Director 2020 – March 2022.

Member, Board of Studies, Economics Division, Indian Institute of Foreign Trade (Deemed University), 2017 – present.

Member, JNU-CDS Committee of Direction for M.A., M.Phil. and Ph.D., Centre for Development Studies, Thiruvananthapuram, 2016 – 2018.

Member, Advisory Committee, Teaching-Learning Centre at SGTB Khalsa College, Delhi University, under the Pandit Madan Mohan Malviya National Mission on Teachers and Training, 2016 – 2018.

Member, Governing Body, Agro-Economic Research Centre, Delhi University, 2015-2018.

Member, Board of Governors, Institute of Economic Growth, Delhi, 2015-2018.

Member, UGC Committee for finalization of minimum course curriculum for undergraduate CBCS courses to be implemented in Indian universities, University Grants Commission, 2015.

Head, Department of Economics, Delhi School of Economics, Delhi University, Jan 2014 – Feb 2018.

Member, Academic Council, Indira Gandhi Institute of Development Research, Mumbai, 2011-2017.

Convener, Departmental Research Committee, Department of Economics, Delhi School of Economics, 2009-12.

University Representative on the Governing Bodies of Delhi College of Arts and Commerce, 2007-09; Guru Gobind Singh College of Commerce, 2007-2010; Khalsa College, 2010-12.

Public Service

Member, Committee on Digital Competition Law, Ministry of Corporate Affairs, Government of India, 2023 -

Member, Competition Law Review Committee, Ministry of Corporate Affairs, Government of India, 2018 – 2019.

Member, Technical Committee for “Funding Research Studies, Workshops and Conferences”, Research and Analysis Division, Ministry of Corporate Affairs, Government of India, 2017 – 2019.

Member, Working Group on Employment and Labour, NITI Aayog, 2017.

Member, Standing Committee on Industrial Statistics, Ministry of Statistics and Programme Implementation, Government of India, 2012-18.

Member, Board of Directors and Audit Committee, Export-Import Bank of India, 2012-2015.

Member, Expert Group on Trade and Competition Policy, Ministry of Commerce, Government of India, 2002-2003.