

Curriculum Vitae



Name MADHUSUDAN GHOSH

Present Position: *Professor of Economics*
Department of Economics & Politics
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Date of Birth: October 26, 1955

Nationality: Indian

Academic Qualifications:

Post-Doctoral Research	University of California, Berkeley
Ph.D.	Visva-Bharati, Santiniketan
M.A.	Calcutta University
B.A. (Honours)	Calcutta University

Ph.D. Thesis: *Adoption of New Technology and its Impact upon Economic Efficiency in a Rice-based Agriculture*: Applying linear programming and linear regression techniques, the thesis examined the validity of (a) profit-maximization hypothesis, and (b) inverse relation between farm-size and productivity hypothesis under three different technological conditions in a predominantly rice-producing agricultural economy in India.

Post-Doctoral Research: *Structural Break, Unit Root and Cointegration in Indian Macroeconomic Time Series*: The study carried out a number of unit-root tests on Indian macroeconomic time series to see how robust is the unit-root hypothesis to alternative statistical testing procedures with and without structural break. It also carried out various cointegration tests on different macroeconomic models.

Award of Fellowship: *Ford Foundation Post-Doctoral Fellowship in Economics*, 1995. Performed post-doctoral research in the Department of Agricultural & Resource Economics, and Haass School of Business, University of California, Berkeley, USA (September 1995 – August 1996) (Supervisors: Prof. Brian Wright and Prof. Richard Meese).

Award of Prize:

1. *Professor Ramesh Chandra Agrawal Award of Excellence* for outstanding contributions in the field of Agricultural Economics 2015, awarded by the Indian Society of Agricultural Economics, Mumbai, India.
2. *Dr. D.K. Desai Memorial Prize* for best article published in Indian Journal of Agricultural Economics in 2000, 2002, 2006 and 2010, awarded by the Indian Society of Agricultural Economics, Mumbai, India.

Visiting Professorship:

1. *Visiting Professor*, Faculty of Economics, Soka University, Tokyo, Japan (*September 2016 to January 2017*).
2. *Visiting Professor*, Faculty of Economics, Hosei University, Tokyo, Japan (*April 2016 to July 2016*).
3. *Visiting Professor*, Faculty of Economics, Soka University, Tokyo, Japan (*September 2007 to February 2008*).

Areas of Teaching & Research Interest: Macroeconomics, Agricultural Economics, Development Economics, Applied Time Series Econometrics, Indian Economic Development.

Positions Held:

1. *Professor of Economics*, Department of Economics & Politics, Visva-Bharati, Santiniketan, West Bengal, India (*Since March 3, 2001, Continuing*).
2. *Visiting Professor*, Faculty of Economics, Soka University, Tokyo, Japan (*September 2016 to January 2017*).
3. *Visiting Professor*, Faculty of Economics, Hosei University, Tokyo, Japan (*April 2016 to July 2016*).
4. *Principal (Dean)*, Vidya Bhavana (Institute of Humanities & Social Sciences), Visva-Bharati, Santiniketan, West Bengal, India (*July 1, 2013 to July 8, 2015*).
5. *Head*, Department of Anthropology, Visva-Bharati, Santiniketan, West Bengal, India (*July 1, 2013 to July 8, 2015*).
6. *Visiting Professor*, Faculty of Economics, Soka University, Tokyo, Japan (*September 2007 to February 2008*).
7. *Head*, Department of Economics & Politics, Visva-Bharati, Santiniketan, West Bengal, India (*September 1, 2006 to July 31, 2007*).
8. *Post-Doctoral Fellow*, Department of Agricultural & Resource Economics, and Haass School of Business, University of California, Berkeley, USA (*September 1, 1995 to August 31, 1996*).

9. *Reader/Sr. Lecturer/Lecturer*, Department of Economics & Politics, Visva-Bharati, Santiniketan, West Bengal, India (*From February 3, 1989 to March 2, 2001*).
10. *Lecturer*, Department of Economics, North Bengal University, Darjeeling, West Bengal, India (*From September 1, 1981 to February 2, 1989*).
11. *Lecturer*, Department of Economics, R.K.M.R. College, Narendrapur, West Bengal, India (*From September 1980 to August 1981*).
12. *Research Fellow*, Centre for Economic Studies, Presidency College, Calcutta, India (*From July 1979 to August 1980*).

Experience in Teaching and Computer use:

Total Teaching Experience: Teaching Economics since September 1980.

1. Currently teaching Macroeconomics, Agricultural Economics and Development Economics at the Postgraduate level.
2. Taught Macroeconomics, Agricultural Economics, Development Economics, Indian Economy, Monetary Economics, and Public Economics at the Undergraduate and Postgraduate levels.
3. Experience in using computer software like TSP, STATA, and Microsoft Office.

Research Publications:

Book:

1. *Diversification of Agriculture in Eastern India*, **Springer**, New Delhi/Heidelberg/New York/Dordrecht/London, 2015 (Co-edited). ISBN: 978-81-322-1996-5 (Print); ISBN: 978-81-322-1997-2 (eBook).
2. *Liberalization, Growth and Regional Disparities in India*, **Springer**, New Delhi/Heidelberg/New York/Dordrecht/London, 2013. ISBN: 978-81-322-0980-5 (Print); ISBN: 978-81-322-0981-2 (eBook).
3. *Rural Development in India – Challenges and Prospects*, **Serials Publications**, New Delhi, 2013 (Co-edited). ISBN: 978-8183875929.
4. *Economic Reforms and Indian Economic Development – Selected Essays*, **Bookwell**, New Delhi, 2008. ISBN: 978-8189640-50-7.

Article/Chapter:

1. Virtual Market for Agricultural Commodities, *IMI Konnect*, 7(4) 2018, 1-6.
2. Groundwater Market in West Bengal, India: Does it Display Monopoly Power?, *Studies in Microeconomics*, 6(1-2) 2018, 105-129 (Co-authors: A. Acharyya and R.N. Bhattacharya).
3. Gender Equality, Growth and Human Development in India, *Asian Development Perspectives*, 9(1) 2018, 68-87.
4. Rice Market Integration in India, In: Stephan Pfaffenzeller (Ed.) *Global Commodity Markets and Development Economics*, **Routledge**, Oxford, 2018, Chapter 4 (Co-author: A. Ghoshray), ISBN: 9781138898257, pp. 94-114.

5. Impact of Market Reforms on Integration of Food Markets in India, In: G. Mani *et al.* (Eds.) *Financing Agriculture Value Chains in India*, **Springer**, Singapore/New Delhi/Heidelberg/New York/Dordrecht/London, 2018, Chapter 14, ISBN: 9789811059568, pp. 251-263.
6. Infrastructure and Development in Rural India, *Margin–Journal of Applied Economic Research*, 11(3) 2017, 256-289.
7. Climate Change Smart Farming Practices: A Review, In: K.R. Gupta and V.B. Angadi (Eds.) *Smart Farming: Problems and Prospects*, Gaurang Publishing Globalize Pvt. Ltd., Mumbai, 2017, Chapter 9, (Co-author: A. Acharyya), ISBN: 9788193354636, pp. 135-155.
8. WTO, Trade Liberalization and Indian Agriculture, In: S.K. Sharma & S. Bathla (Eds.): *Indian Agriculture under Multilateral and Regional Trade Agreements: Competitiveness and Food Security*, **Bookwell**, New Delhi, 2017, ISBN: 978-93-86578-05-1, pp. 19-44.
9. Growth, Inequality and Regional Divergence in Consumption Expenditure in India, *Journal of Income and Wealth*, 38(2) 2016, 171-185.
10. Food Insecurity, Poverty and Hunger in India, In: C. Ramasamy & K.R. Ashok (Eds.) *Vicissitudes of Agriculture in the Fast Growing Indian Economy*, **Academic Foundation**, New Delhi, 2016. ISBN: 9789332703360, Chapter 17.
11. Food Subsidy, Food Security and Hunger in India, *Journal of Income and Wealth*, 37(2) 2015, 64-74.
12. Introduction, In: M. Ghosh, D. Sarkar & B.C. Roy (Eds.) *Diversification of Agriculture in Eastern India*, **Springer**, New Delhi/Heidelberg/New York/Dordrecht/London, 2015. ISBN: 978-81-322-1996-5 (Print); ISBN: 978-81-322-1997-2 (eBook), Chapter 1.
13. Poor versus Prosperous India, In: R. Bhattacharya (Ed.) *Regional Development and Public Policy Challenge in India*, **Springer**, New Delhi/ Heidelberg/New York/Dordrecht/London, 2015. ISBN: 978-81-322-2345-0 (Print); ISBN: 978-81-322-2346-7 (eBook), Chapter 3.
14. Regional Inequalities in Human Development in India, (Reprinted) In: R.K. Panda & R.K. Meher (Eds.) *Trend, Magnitude and Dimensions of Inequality in Post-Reform India*, **Concept Publishing Co. Pvt. Ltd.**, New Delhi, 2015. ISBN 978-9351251385, pp. 92–118.
15. Inclusive Growth, Livelihood Security and Rural Poverty in India, In: S.K. Datta and P.K. Kuri (Eds.) *Rural Livelihood in India*, **Serials Publications**, New Delhi, 2014. ISBN: 978-8183876131, pp. 338–358.
16. Contributed a section on ‘Human Development and Convergence’ in *India Rural Development Report 2012-13*, **Orient Blackswan Pvt. Ltd.**, 2013, ISBN: 978-8125053927, pp. 69-71.
17. Regional Inequalities in Human Development in India, *Journal of Income and Wealth*, 35(2) 2013, 33-52.
18. Regional Divergence and Club Convergence in India, *Economic Modelling*, 30 (January), 2013, 733-742. (Co-authors: A. Ghoshray and I. Malki).

19. Growth and Performance of Commodity Futures Market in Indian Agriculture, In: M. Ghosh & A.K. Chattopadhyay (Eds.) *Rural Development in India – Challenges and Prospects*, **Serials Publications**, New Delhi, 2013. ISBN: 978-8183875929, pp.3–17.
20. Introduction, In: M. Ghosh & A.K. Chattopadhyay (Eds.) *Rural Development in India – Challenges and Prospects*, **Serials Publications**, New Delhi, 2013. ISBN: 978-8183875929.
21. Micro-finance and Rural Poverty in India: SHG-Bank Linkage Programme, *Journal of Rural Development*, 31(3) 2012, 347-363.
22. Regional Economic Growth and Inequality in India during the Pre- and Post-reform Periods, *Oxford Development Studies*, 40(2) 2012, 190-212.
23. Inclusive Growth, Employment and Poverty in Rural India, *Journal of Income and Wealth*, 34(1), 2012, 15-29.
24. Supply Response Behaviour in Indian Agriculture: A Study of Oilseeds and Pulses, In: Kazi M.B. Rahim, D. Sarkar & B. C. Roy (Eds) *Sustainable Agriculture and Environment*, **New Delhi Publishers**, New Delhi, 2012, ISBN: 978-93-81274-12-5, pp. 191-205.
25. How Integrated is the Indian Wheat Market?, *Journal of Development Studies*, 47(10) 2011, 1574-1594 (Co-author: A. Ghoshray).
26. Regional Disparities in Education, Health and Human Development in India, *Indian Journal of Human Development*, 5(1), 2011, 5-28.
27. Agricultural Policy Reforms and Spatial Integration of Food Grain Markets in India, *Journal of Economic Development*, 36(2), 2011, 15-37.
28. Poverty, Unemployment and Inclusive Growth in Rural India, In: N.U. Khan & Sigamani P. (Eds) *Anatomy of Public Policy Reforms and Development*, **Macmillan Publishers India Ltd.**, Delhi, 2011, ISBN: 978-0230-33274-4, pp. 54-74.
29. Spatial Price Linkages in Regional Food Grain Markets in India, *Margin – The Journal of Applied Economic Research*, 4(4), 2010, 495-516.
30. Economic Policy Reforms and Regional Inequality in India, *Journal of Income and Wealth*, 32(2), 2010, 71-88.
31. Inclusive Growth and Rural Poverty in India: Policy Implications for the Eleventh Plan, *Indian Journal of Agricultural Economics*, 65(3), 2010, 552-561.
32. Structural Breaks and Performance in Indian Agriculture, *Indian Journal of Agricultural Economics*, 65(1), 2010, 59-79 [Awarded *Dr. D.K. Desai Memorial Prize* for best article published in *Indian Journal of Agricultural Economics* by the Indian Society of Agricultural Economics, Mumbai, India].
33. Growth and Efficiency of Commodity Futures Markets in Indian Liberalized Agriculture, *Indian Journal of Agricultural Economics*, 64(3), 2009 (Abstract).

34. Economic Reforms, Growth and Regional Divergence in India, In: Y.S. Sisodia (Ed.) *India's Development Scenario: Challenges and Prospects*, **Rawat Publications**, Jaipur/New Delhi, 2009. ISBN: 81-316-0208-7.
35. Dynamics of Agricultural Development and Rural Poverty in Indian States, *Margin – The Journal of Applied Economic Research*, 3(3), 2009, 265-295.
36. Environmental Problems and Sustainable Development in Indian Agriculture, *Indian Journal of Agricultural Economics*, 63(3), 2008 (Abstract).
37. Economic Reforms, Growth and Regional Divergence in India, *Margin – The Journal of Applied Economic Research*, 2(3), 2008, 265-285.
38. Sustainability of Indian Agriculture, In: D. Dasgupta (Ed.): *Environmental Awareness and Education*, Agrobios (India), Jodhpur, 2008.
39. Economic Reforms, Growth and Regional Inequality in India, *Proceedings of the 6th International Conference of Japan Economic Policy Association*, organized by Hosei University, Tokyo, Japan, December 8-9, 2007 (Abstract).
40. Regional Economic Integration and Convergence in Asia, *International Journal of Economic Policy Studies*, 2, 2007, 29-45.
41. Regional Convergence in Indian Agriculture, *Indian Journal of Agricultural Economics*, 61(4), 2006, 610-629 [Awarded *Dr. D.K. Desai Memorial Prize* for best article published in *Indian Journal of Agricultural Economics* by the Indian Society of Agricultural Economics, Mumbai, India].
42. Infrastructure, Agricultural Performance and Rural Poverty in India, *Indian Journal of Agricultural Economics*, 61(3), 2006 (Abstract).
43. Regional Economic Integration and Convergence in Asia, *Proceedings of the 5th International Conference of Japan Economic Policy Association*, organized by Aoyama Gakuin University, Tokyo, Japan, December 2–3, 2006 (Abstract).
44. Economic Growth and Human Development in Indian States, *Economic and Political Weekly*, 41(30) July 29, 2006, 3321-3329.
45. Economic Reforms, Growth and Regional Divergence in India, *Proceedings of the International Conference on “The Dragon and the Elephant: China and India's Economic Reforms”*, organized by International Food Policy Research Institute, Chinese Economists Society, and Shanghai University of Finance and Economics, held at China Executive Leadership Academy Pudong, Shanghai, China, July 1-2, 2006.
46. Dynamics of Agricultural Development and Rural Poverty in Indian States, *Proceedings of NIRD Foundation Day Seminar on Rural Development and Social Change*, National Institute of Rural Development, Hyderabad, November 9-10, 2005.
47. Spatial Integration of Wheat Markets in India: Evidence from Cointegration Tests, *Oxford Development Studies*, 31(2), 2003, 159-171.

48. Trends, Random Walks and Structural Breaks in Indian Agriculture, *Indian Journal of Agricultural Economics*, 57(4), 2002, 679-697 [Awarded *Dr. D.K. Desai Memorial Prize* for best article published in *Indian Journal of Agricultural Economics* by the Indian Society of Agricultural Economics, Mumbai, India].
49. Supply Response Behaviour of Slow Growth Crops in Indian Agriculture: A Study of Oilseeds and Pulses, *Indian Journal of Agricultural Economics* 57(3), 2002 (Abstract).
50. The Stability of Money Demand Function in Five Major Industrial Countries: Evidence from Cointegration Tests, *Indian Economic Review*, 35(2), 2000, 175-192.
51. Cointegration Tests and Spatial Integration of Rice Markets in India, *Indian Journal of Agricultural Economics*, 55(4), 2000, 616-626 [Awarded *Dr. D.K. Desai Memorial Prize* for best article published in *Indian Journal of Agricultural Economics* by the Indian Society of Agricultural Economics, Mumbai, India].
52. Structural Break and Unit Root in Macroeconomic Time Series: Evidence from a Developing Economy, *Sankhya: The Indian Journal of Statistics*, 61(pt.2), Series B, 1999, 318-336.
53. Agricultural Development, Agrarian Structure and Rural Poverty in West Bengal, *Economic and Political Weekly*, 33(47-48), 1998, 2987-2995.
54. Agrarian Structure and Rural Poverty in India, *Journal of Contemporary Asia*, 28(2) 1998, 175-184.
55. Structural Break and Cointegration Tests of the Monetary Exchange Rate Model, *Keio Economic Studies*, 35(1) 1998, 67-77.
56. Some Recent Trends in Development of Indian Agriculture, *Artha Beekshan*, 6(1) 1997, 30-39.
57. Agricultural Development and Rural Poverty in India, *Indian Journal of Agricultural Economics*, 51(3) 1996, 374-380.
58. Adoption of New Technology and its Impact Upon Economic Efficiency in a Rice-Based Agriculture, *Finance India*, IX(1) 1995, 137-140 (Abstract of doctoral dissertation).
59. Rural Poverty, Foodgrains Productivity and Some Related Aspects in India, *Agricultural Situation in India*, XLIX(2) 1994, 79-86.
60. Test of Trickle-Down Hypothesis in Rural West Bengal, *Indian Journal of Agricultural Economics*, 48(2) 1993, 216-225.
61. Resource-Use Efficiency in a Rice-Based Agriculture, *Indian Journal of Agricultural Economics*, 47(3) 1992 (Abstract).
62. Growth, Inequality and Rural Poverty, *Productivity*, 33(2) 1992, 248-257.
63. Farm-Size, Technology and Economic Efficiency in Indian Agriculture, *Journal of Social and Economic Studies*, Third Issue (New Series) 1991, 29-46.
64. Productivity, Real Wage and Poverty in Rural India, *Productivity*, 32(1) 1991, 18-25.

65. Test of Profit-Maximisation Hypothesis in Indian Agriculture: A Linear Programming Exercise, *Indian Economic Review*, 25(2) 1990, 259-270.
66. Changes in the Agrarian Structure of West Bengal: 1970-71 to 1980-81, *Journal of Social and Economic Studies*, First Issue (New Series) 1989, 63-79.
67. Structural Change, Labour Absorption and Poverty Alleviation in Rural West Bengal, *Artha Shastra*, 8(1) 1989, 23-31.
68. Economic Efficiency in a Changing Rice-Based Agriculture in India: A Linear Programming Exercise, *Arthaniti*, 25, 1986-88, 8-30.
69. Technological Change and Employment Generation in a Rice-Based Agriculture, *Agricultural Situation in India*, XLII(10) 1988, 881-888.
70. Land Inequality, Productivity and Labour Absorption in Agriculture, *Indian Journal of Agricultural Economics*, 42(3) 1987 (Abstract).
71. Share Cropping as a Contractual form in Agriculture: A Critical Review, *North Bengal University Review*, 7(2) 1986, 105-116.
72. Farm Size – Productivity Nexus under Alternative Technology, *Indian Journal of Agricultural Economics*, 41(1) 1986, 17-28.
73. Transaction Cost, Mean-Variance Approach and Liquidity Trap, *Indian Economic Journal*, 33(1) 1985, 85-91.

Book Review:

1. *China's Agricultural Development – Challenges and Prospects* (Eds. X-y Dong, S. Song and X. Zhang), Ashgate Publishing, 2006, re-published (with editorial changes) in *Journal of Asian Economics*, 21(2), 2010, 237-238.
2. *China's Agricultural Development – Challenges and Prospects* (Eds. X-y Dong, S. Song and X. Zhang), Ashgate Publishing, 2006, published in *Journal of Asian Economics* 19(3) 2008, 296-297.
3. *Economic Reforms in China and India: Development Experience in a Comparative Perspective* (J.C.H. Chai and K.C. Roy), Edward Elgar, 2006, published in *Journal of Asian Economics* 18(2) 2007, 411-413.
4. *Measuring Sustainability: Learning from Doing* (Simon Bell and Stephen Morse) Earthscan Publications 2003, published in *Journal of Development Studies*, 40(3) 2004, 186-187.
5. *Power, Poverty and Poison* (James Manor) Sage Publications 1993, published in *Productivity*, 34(3) 1993, 550-551.
6. *Agrarian Change in Sri Lanka* (James Brow and Joe Weeramunda (eds.)) Sage Publications 1992, published in *Visva-Bharati Quarterly*, 3(1-2) 1992, 143-147.
7. *Poverty, Inequality and Prices in Rural India* (N. Bhattacharya *et al.*) Sage Publications 1991, published in *Productivity*, 32(4) 1992, 781-783.

Article in Daily Newspaper:

1. Prisoner of Gender, *The Statesman*, New Delhi/Kolkata/Bhubaneswar/Siliguri, May 5, 2018.
2. Climate and Food Security–II, *The Statesman*, New Delhi/Kolkata/Bhubaneswar/Siliguri, April 11, 2018.
3. Climate and Food Security–I, *The Statesman*, New Delhi/Kolkata/Bhubaneswar/Siliguri, April 10, 2018.

Talk in DD Bangla/Santiniketan:

1. Make in India.
2. Electronic National Agricultural Market (e-NAM).
3. Union Budget.

Research Project Completed:

1. *Economic Reforms and Regional Convergence in Indian Agriculture*, Major Research Project, Sponsored by the University Grants Commission, New Delhi, 2009.
2. *The Stability of Money Demand Function in Five Major Industrial Countries: Evidence from Cointegration Tests*: Sponsored by National Institute of Public Finance and Policy, New Delhi, 1997.
3. *Dynamics of Rural Transformation in West Bengal: 1951-86*, Sponsored by the University Grants Commission, New Delhi, 1989.
4. *New Agrarian Strategy: Its effects on Production and Distribution*, Sponsored by the University Grants Commission, New Delhi, 1983.

Membership of Professional Society:

1. *Life Member*, Indian Society of Agricultural Economics (ISAE), Mumbai, India.
2. *Life Member*, Indian Association for Research in National Income and Wealth (IARNIW), New Delhi, India.

Membership in academic bodies:

Served as member in Board of Studies and Research Committees in Burdwan University, Kalyani University, Vidyasagar University besides Visva-Bharati.

Peer Reviewer:

1. Journal of Development Studies
2. Journal of Poverty
3. Economic Systems
4. Journal of Economic Growth
5. International Journal of Production Economics
6. Canadian Journal of Agricultural Economics
7. Journal of Economic Studies
8. Journal of Agricultural Science
9. Asia-Pacific Development Journal
10. Asian Development Review
11. International Journal of Economic Policy Studies
12. Economics Bulletin
13. Global Business Review
14. South Asia Studies
15. Indian Journal of Agricultural Economics
16. Indian Economic Review

17. Indian Journal of Human Development
18. Arthaniti
19. Artha Vijnana.

Conference/Seminar/Workshop Attended:

Participated (as Chairperson/Paper presenter/Discussant) in more than 75 (seventy five) conferences/seminars/workshops in India and abroad.