

DR. PIA GHOSHAL

Designation: Assistant Professor (Stage III)

Post Graduate Department of Economics,
St. Xavier's College (Autonomous),
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Qualifications

- B.Sc. (Economics) in 2002 from Bethune College, University of Calcutta
- M.Sc. (Economics) in 2004 from University of Calcutta
- M. Phil (Economics) awarded in 2007 by the University of Calcutta
- Ph. D (Economics) awarded in 2017 by the University of Burdwan
- Qualified SLET (2005), NET (2006)
- Completed Course on Multimedia Web Design and Development at School of Education Technology, Jadavpur University and Brainware (2007-08)

Areas of Interest

International Economics, Development Economics, Agricultural Economics, Environmental Economics, Gender Economics, Health Economics.

Award

Best Paper Award (2016) by Society of Economics and Development, Punjab Agricultural University, Ludhiana for ‘An Analysis of Production Efficiency in Indian Agriculture: Study on Rice and Wheat Producing States’ jointly authored by Pia Ghoshal and Bhaskar Goswami, published in Indian Journal of Economics and Development in Volume 12 No. 4 (2016).

List of Publications

Journals

- 1) **P. Ghoshal**, B. Goswami. Technical efficiency and its determinants in agricultural production: a study on Indian states. *The Indian Economic Journal* (2013) vol. 61(2) pp. 308-319. (UGC-Approved Journal)
- 2) **P. Ghoshal**, B. Goswami, R.N. Nag. Open Economy Macroeconomics of Sectoral Interlinkage in a Developing Country. *Foreign Trade Review* (2015) vol. 50(4) pp. 250–262. (UGC-Approved Journal)
- 3) **P. Ghoshal**, B. Goswami. An Analysis of Production Efficiency in Indian Agriculture : Study on Rice and Wheat Producing States. *Indian Journal of Economics and Development* (2016) vol. 12 (4) pp. 759-768. (UGC-Approved Journal)
- 4) **P. Ghoshal**, B. Goswami. Measurement of Production Efficiency: A Case of Indian Agricultural Production in Post Reforms Period. *Asian Journal of Agricultural Extension, Economics & Sociology* (2016) vol. 13(4) pp. 1-10. (UGC-Approved Journal)
- 5) **P. Ghoshal**, B. Goswami. Cobb-Douglas Production Function For Measuring Efficiency in Indian Agriculture: A Region-wise Analysis. *Economic Affairs* (2017) vol. 62(4) pp. 573-579. (UGC-Approved Journal)
- 6) **P. Ghoshal**, A. Banerji. Looking at COVID-19 Pandemic Through the Lens of Epidemiological Transition Theory. *Science and Culture* (2023) vol. 89(1-2) pp. 27-32. (UGC-Approved Journal)

Book Chapters

- 1) A. Dutta, **P. Ghoshal**. Women Employment in IT and ITEs sectors. *Women in the Changing World: Experiences and Challenges*, Ed. S. Roy Mukherjee, S. Ray Datta, Pub. Levant Books (2008) Chapter 6, pp. 100-124.
- 2) J. Sengupta, **P. Ghoshal**. Looking at Gender Empowerment Through The Lens Of ‘CAPABILITY’ Approach: Indian Experience in the Post Reforms Period. *Conference*

Proceedings of UGC-DRS International Conference on “Development and Rural Livelihood”, Ed.S. K. Dutta, Pub. Levent Books (2011) Chapter 19, pp. 325-339. ISBN: 978-93-80633-20-3.

3) **P. Ghoshal**. Women Empowerment in Indian States: A Study of Policies in Post-Reform Era *Indian Economy: A Visionary Perspective*, Ed. J. Felix Raj, S. Roy, K.K. Hati, Pub. Regal Publications (2015) Chapter 9, pp 134-145. ISBN: 978-81-8484-524-2.

4) **P. Ghoshal**, B. Goswami. Estimation of Production Efficiency for Wheat Producing States in India Using Stochastic Frontier Approach. *Current Strategies in Economics and Management Vol. 4*, Ed. C.C. Kuo, Pub. Book Publisher International (2020) Chapter 7, pp. 86-95. Print ISBN: 978-93-90206-13-1, eBook ISBN: 978-93-90206-14-8.

5) A. Banerji, **P. Ghoshal**. Agricultural Production and Climate Change: The Scope for Innovation in the Post-COVID 19 Scenario. *Current Strategies in Biotechnology and Bioresource Technology Vol. 2*, Ed. A. Alam, Pub. Book Publisher International (2020) Chapter 15, pp. 169-176. Print ISBN: 978-93-89816-88-4, eBook ISBN: 978-93-89816-89-1.

6) **P. Ghoshal**, B. Goswami. Evaluation of Production Efficiency of Rice Producing Indian States: Post Reforms Analysis Using Translog Production Function. *Insights into Economics and Management Vol. 1*, Ed. F. Xiang, Pub. Book Publisher International (2020) Chapter 12, pp. 96-105. Print ISBN: 978-93-90149-73-5, eBook ISBN: 978-93-90149-32-2.

7) **P. Ghoshal**, A. Banerji. Studies on Some Issues Specific to Demography during COVID-19 Pandemic. *Issues and Development in Health Research Vol. 3*, Ed. D.C. Sharma, Pub: Book Publisher International (2021) pp. 1-9; Print ISBN: 978-93-91595-14-2, eBook ISBN: 978-93-91595-16-6.

8) **P. Ghoshal**, A. Banerji. Agriculture in COVID-19 Pandemic: The Indian Perspective. *New Innovations in Economics, Business and Management Vol. 8*, Ed. M.D. Guillamon, Pub: Book Publisher International (2022) pp. 77-86; Print ISBN: 978-93-5547-510-7, eBook ISBN: 978-93-5547-518-3.

9) **P. Ghoshal**. The Economic Empowerment of Women in India: The Need for Transformation. *Transforming Our World Together towards Sustainable Development*, Ed. Dominic Savio, S.

Roy, S. Chaudhuri, Pub: Cambridge Scholars Publishing (2023) pp. 256-273; ISBN (10): 1-5275-8995-1.

10) **P. Ghoshal**, A. Banerji. Forest Cover and Its Management: A Study in Indian Perspective. *Novel Perspectives of Geography, Environment and Earth Sciences Vol. 9*, Ed. H.L. Shrestha, Pub: Book Publisher International (2023) pp. 28-43; Print ISBN: 978-81-19491-52-0, eBook ISBN: 978-81-19491-53-7.

11) **P. Ghoshal**. Trend of Agricultural Production in India in the Post-Reforms Period: A Growth Rate Perspective. *Business, Management and Economics: Research Progress Vol. 2*, Ed. G.H.S. de Souza, Pub: Book Publisher International (2024) pp. 174-188; Print ISBN: 978-81-977712-2-4, eBook ISBN: 978-81-977712-4-8.

12) **P. Ghoshal**. Assessing Some Major Factors of Production and Efficiency Parameters in the Post Reform Agricultural Sector in Indian Economy. *New Advances in Business, Management and Economics Vol. 9*, Ed. V. Erokhin, Pub: Book Publisher International (2025) pp. 62-79; Print ISBN: 978-81-989994-5-0, eBook ISBN: 978-81-989994-6-7.

Other Publications

1) A. Banerji, **P. Ghoshal**. Climate Change and Agriculture: Implications on Sustainable Development. *Goethals News* (2011) vol. XIV(1-2).

2) **P. Ghoshal**. Girl's Education and Economic Growth. *MAGIS – Xaverian Journal of Education* (2021) vol. X.

3) A. Banerji, **P Ghoshal**. The COVID-19 Pandemic: Some Perspectives of Demographic and Epidemiological Transition. *MAGIS – Xaverian Journal of Education* (2022) vol. XI.

4) A. Banerji, **P Ghoshal**. Some Issues of Forest Management and Sustainable Development with Specific Reference to India. *MAGIS – Xaverian Journal of Education* (2023) vol. XII.

Papers Presented at Conferences/ Seminars

- 1) Presented a paper titled “Looking at Gender Empowerment through the Lens of ‘CAPABILITY’ Approach: Indian Experience in the Post Reforms Period” at ECONference-2010 on “Development and Rural Livelihood”, 4th International Conference organized by Dept. of Economics, The University of Burdwan, on Dec 22nd – 23rd, 2010.
- 2) Presented a paper titled “Institutional Credit and Role of NABARD during the Post Reforms Period in India: A State level Analysis” at the 31st Annual Conference of Bengal Economic Association held at St. Xavier’s College (Autonomous), Kolkata on Feb 12th– 13th, 2011.
- 3) Co-authored a paper titled “Climate Change and Agriculture: Implications of Food Security” presented at 1st St. Xavier’s Global Earth Summit organized by Dept. of Environmental Studies, St. Xavier’s College (Autonomous), Kolkata on March 11th – 12th, 2011.
- 4) Presented paper entitled “Gender Empowerment in the Post Reforms Period in India: A State Level Analysis” at the Seminar on “Contemporary Debates in Indian and Regional Economy” organized by Forum of Development Economics, University of Calcutta, on March 29th – 30th, 2011.
- 5) Presented a paper titled “Technical Efficiency and its Determinants in Agricultural Production: A Study on Indian States” at UGC sponsored 6th International Conference organized by Dept. of Economics, The University of Burdwan, on Jan 18th – 19th, 2013.
- 6) Presented a paper titled “Role of the Agricultural Sector in an Emerging Market Economy: A Theoretical Analysis” at the International Conference organized by Dept. of Economics, The University of Burdwan on Jan 17th – 18th, 2014.
- 7)) Presented a paper titled “Sectoral Interlinkage in Emerging Market Economy: A Theoretical Analysis” at UGC-ICSSR Sponsored 34th National level Annual Conference of Bangiya Arthaniti Parishad held at Lady Brabourne College, Kolkata on Feb 22nd – 23rd, 2014.
- 8) Presented a paper titled “A Study of Technical Efficiency of Agricultural Sector: An Analysis of Indian States” in UGC sponsored National Seminar on “Contemporary Issues in Development Economics” at RabindraBharati University, Kolkata on Feb 26th – 27th, 2015.

9) Presented a paper titled “An Analysis of Production Efficiency in Indian Agriculture: Study on Rice and Wheat Producing States” at the UGC-DRS sponsored International Conference organized by Dept. of Economics, The University of Burdwan, on Feb 25th – 26th, 2016.

Seminars/ Conferences Attended

1) 28th Annual Conference of Bengal Economic Association held at St. Xavier’s College (Autonomous), Kolkata on Feb 16th-17th, 2008.

2)DRS sponsored conference on “Economics of Globalization and Sustainable Development” organized by Dept. of Economics, University of Calcutta on March 28th-29th, 2008.

3) Seminar on “Global Financial Crisis, Microfinance and Indian Economy organized by Forum of Development Economics, Kolkata in Dept. of Economics, Calcutta University on March 6th-7th, 2009.

4) UGC sponsored seminar on “Globalization: Conceptual and Empirical Issues” organized by the Dept. of Economics, Rabindra Bharati University, Kolkata on March 26th-27th, 2009.

5) International Conference on “Globalization, Agglomeration and Inclusive Growth” organized by the Dept. of Economics, Jadavpur University, in collaboration with UNCTAD-INDIA, New Delhi under the UNTAD-DFID-GOI Project on Strategies and Preparedness for Trade and Globalization in India on May 21st-22nd, 2009.

6) Seminar on “Issues on Globalization and Sustainability” organized by DRS, Dept. of Economics, University of Calcutta on Dec 23rd, 2009.

7) National Seminar on “Economic Development with a Human Face” organized Jesuit Economic Association of India in collaboration with St. Xavier’s College (Autonomous), Kolkata on Feb27th, 2010.

8) UGC Sponsored National Level Conference on “Theory and Empirics of Economics in the Current Perspective” organized by Centre for Economic Studies, Dept. of Economics, Presidency College, Kolkata, and “Prantakatha” on Aug 28th-29th, 2010.

9) 1st “Sadhan Rakshit Memorial Lecture organized by School of Social Sciences, Gurudas College on Oct 8th, 2010.

10) 3rd Conference on Empirical Issues In “International Trade and Finance” organized by The Indian Institute of Foreign Trade, Kolkata, Jan 10th-11th, 2013.

11) “Sparsha, an interactive forum for the Educators of today and tomorrow”, organized by The Zoological Society, Kolkata and Ramakrishna Mission Vivekananda Centenary College, Rahara, Jan 13th, 2019.

Workshops/ FDPs Attended

1) Participated in the “Workshop on Structural Equation Model” organized by the Institute of Development Studies, Kolkata in collaboration with Economics Department, University of Calcutta and SPSS South Asia Pvt. Ltd., July 20th-21st, 2009.

2) Participated in 30 hours “WORKSHOP ON SPSS” organized by St.Xavier’s College (Autonomous), Kolkata, Dec 2010 –Jan 2011.

3) Participated in the National “Training Workshop on Research Methodology in Economics (Applications of Econometric Methods in Empirical Research)”, organized by the Dept. of Economics, University of Burdwan in collaboration with TIES, Sept 9th-22nd, 2013.

4) Participated in One Week National Level Online Faculty Development Program on “Digital Pedagogy: ICT & AI assisted teaching in-line with OBE and NEP”, organized by St. James College of Nursing and St. James College of Pharmaceutical Sciences, Chalakudy in association with The Kerala State Higher Education Council, May 29th – June 5th, 2024.

5) Participated in Faculty Development Program/ Training Program (Online) on “R Programming For Budding Data Analysts” organized by Research Foundation of India & RFI-CARE, June 9th – 18th, 2024.

6) Participated in Faculty Development Program (Online) on “Extensible AI for Smarter Research: Tools that Save Time and Improve Quality” organized jointly by Ekalavya University and Research Foundation of India, May 25th – 29th, 2026.

7) Participated in Faculty Development Program (Online) on “Innovative Teaching and Learning Pedagogy” organized by Research Foundation of India in association with Parul University, June 4th – 9th, 2026.

Orientation /Refresher/ Short Term Courses Completed

1) Participated in the UGC-sponsored Orientation Program OP-84, organized by Academic Staff College, University of Calcutta, July 5th–31st, 2010.

2) Participated in the UGC-sponsored Refresher Course in Economics organized by the Department of Economics, University of Calcutta, July 11th–30th, 2011.

3) Participated in the UGC-sponsored Refresher Course in Women’s Studies (Interdisciplinary) organized by the Department of Women’s Studies, University of Calcutta, Feb 15th–March 9th, 2018.

4) Participated in the UGC-sponsored Short Term Course in Woman Empowerment (Online) organized by HRDC, Goa University, Oct 5th- 11th, 2021.

5) Participated in the UGC-sponsored Short Term Course on Research Methodology (Online) organized by HRDC, Goa University, Feb 8th- 15th, 2022.

As Resource Person

1) Invited as discussant on 3rd International Conference on Empirical Issues in International Trade and Finance organized by Indian Institute of Foreign Trade on Jan 10th – 11th, 2013.

2) Invited as judge for Young Economist Students Meet organized by Dept. of Economics, Jadavpur University on Dec 19th – 20th, 2013.

3) Invited as judge for Young Economist Students Meet organized by Dept. of Economics, Jadavpur University on Dec 18th – 20th, 2014.

4) Invited as judge for Young Economist Students Meet organized by Dept. of Economics, Jadavpur University on Dec 17th, 2015.

- 5) Invited as judge for Aalap, organized by Bethune College Fest Committee on Dec 21st, 2017.
- 6) Chairperson of a technical session as a part of the National Conference on “Women’s Issues and Everyday Life: Power, Resistance and Representation”, organized by St. Xavier’s College (Autonomous), Kolkata on Jan 10th, 2020.
- 7) Delivered a lecture (as resource person) on “Poverty and Economic Development: A Review” in Foundation Course “A Multi Disciplinary View of Education” organized by Dept. of Education, St. Xavier’s College (Autonomous), Kolkata on March 11th, 2020.
- 8) Invited as judge for paper presentation for conference Indian Economy in Global Perspective organized by Dept. of Economics, St. Xavier’s University, Kolkata on March 14th, 2020.
- 9) Invited reviewer for book published by SAGE Publications India Pvt., Ltd., 2021.
- 10) Invited reviewer for Development Studies Research (Routledge, Taylor & Francis Group), 2021.
- 11) Invited as judge for Suffragium, organized by Postgraduate Department of Political Science St. Xavier’s College (Autonomous), Kolkata on Feb 16th, 2024.
- 12) Invited reviewer for several international journals.

Administrative Duties/ Other Duties Performed

- 1) Officer-In-Charge, B.A./ B. Sc. Semester Examinations, Nov-Dec 2012 and Apr-May 2013.
- 2) Head of the Department of Economics, St. Xavier’s College (Autonomous), Kolkata from July 2014 – December 2020.
- 3) Member of Stage & Ground Committee/ Reception Committee/ Programme Committee for organization of Convocation & Valedictory, St. Xavier’s College (Autonomous), Kolkata till 2020.

Membership of Academic Societies

Life Member, Indian Statistical Institute.