

Brief Biography of Dr. Achiransu Acharyya



Dr. Achiransu Acharyya is an Associate Professor (since 2018) in the Department of Economics and Politics at Visva-Bharati (A Central University and an Institution of National Importance) and Honorary Deputy Director of the Agro-Economic Research Centre (AERC), Visva-Bharati, under the Ministry of Agriculture and Farmers Welfare. Previously, he taught at the Indian Institute of Management (IIM), Ahmedabad, and St. Xavier's University, Kolkata. He has been Project Research Personnel in the Department of Economics, Jadavpur University, Kolkata, and a Project Scientist at the Institute of Wetland Management and Ecological Design, Kolkata. He has been a Teaching Fellow at the Department of Economics, University of Oregon, USA and a Visiting Scholar at the University of Nijmegen, The Netherlands. Dr Acharyya's research mainly involves Environmental Economics and Agricultural Economics. For the past several years, he has been working on areas such as property rights and land ownership, the economics of groundwater resources, the use of energy in agriculture, Climate Smart Agriculture, and Sustainable Development. He has conducted several international and national research projects sponsored by the World Bank, the Asian Development Bank, the United Nations Organization, and Central and State Governments. He has several publications in international and national journals and has also published several books. His most recently published books are "Ground Water Contamination in India: Adverse Effects on Habitats" (Springer, 2025) and "Environmental Economics in Developing Countries: Issues and Challenges" (Routledge, Taylor & Francis, London, 2024). He has received various awards for his research, including the James D. Wolfensohn Award, sponsored by the World Bank, USA and the Dr N.A. Mujumdar Prize from the Indian Journal of Agricultural Economics. He has guided several PhD scholars. He has worked as a Consultant Economist for the Asian Development Bank. He has served as Chief Editor of the journal "Indian Groundwater" published by the Centre for Groundwater Studies. He is a Life Member of the International Society for Ecological Economics (ISEE) and the European Association of Environmental and Resource Economists (EARE).

Detailed CV

1. Name: Dr. Achiransu Acharyya (PhD)

2. Present Designation:

Associate Professor, Dept. of Economics & Politics (since 2018)

Visva-Bharati (A Central University & an Institution of National Importance)

LINK: https://www.visvabharati.ac.in/home/facul_economics/

&

Deputy Director (Hony.), Agro-Economic Research Centre (AERC) (since 2025)

Ministry of Agriculture & Farmers Welfare, Government of India

LINK: https://www.visvabharati.ac.in/home/wp-content/uploads/2026/08/Biographv_Achiransu-Acharyya_2026-08-30.pdf

3. Address for correspondence: Department of Economics & Politics
Vidya-Bhavana, Visva-Bharati
Santiniketan. PIN: 731235
West Bengal, India.

4. E-mail: achiransu@visva-bharati.ac.in
dy.dir.aerc@visva-bharati.ac.in

5. Mobile: 9434247269 and 9903412598

6. Date of Birth: 23rd September 1975 **Citizenship:** Indian

7. Areas of Research Interest: Environmental and Natural Resource Economics
Agricultural Economics,
Economics of Water Resources,
Energy Economics

8. Web-Based Profiles

Google Scholar Profile	https://scholar.google.co.in/citations?user=BcMFZ4QAAAAJ&hl=en
Research gate Profile	https://www.researchgate.net/profile/Achiransu_Acharyya/
Academia Profile	http://achiransuacharyya.academia.edu/
LinkedIn profile	https://in.linkedin.com/in/dr-achiransu-acharyya-6008b029
EconPapers repec	https://econpapers.repec.org/RAS/pac112.htm
publons	https://publons.com/researcher/3540523/achiransu-acharyya/
ORCiD	https://orcid.org/0000-0002-1791-4832
YouTube link	https://www.youtube.com/user/achiransu/videos

9. Awards and Honors

1. Awarded the **Dr. N.A. Mujumdar Prize for the best paper** at the 80th Annual Conference of the Indian Journal of Agricultural Economics under the auspices of the Centre for Agricultural and Rural Development Studies (CARDS), Tamil Nadu Agricultural University, Coimbatore (Tamil Nadu) from February 10 to 12, 2021.
2. Awarded a Teaching Fellowship by the **University of Oregon, USA**, for teaching and research (2007-08)
3. Awarded the Third Prize by the World Bank, Washington, **D.C** for the essay titled “Scope of Public Economics for the Environmentally Handicapped in South Asia” in the James D. Wolfensohn Essay Competition, 2006.
4. Granted a Scholarship for research presentation and teaching at the **University of Nijmegen, The Netherlands, 2002**.

10. Professional Courses (Recent)

1. Certificate Course in Book Publishing conducted by National Book Trust, India from 26th June to 20th September 2020.
2. Successfully participated in a virtual Training Course on “Contingent Valuation Methods for Environmental Valuation” organized by the Indian Society for Ecological Economics (INSEE) on March 20 and 21, 2021.

11. Membership in Professional Associations

1. Life Member (Indian Society for Ecological Economics) (INSEE)
2. Life Member (Indian Econometric Society)
3. Life Member (Indian Society for Agricultural Economics) (ISAE)
4. Life Member (Indian Statistical Institute) (ISI)
5. Life Member (Indian Economic Association) (IEA)
6. Member (The International Society for Ecological Economics) (ISEE)
7. Member (European Association of Environmental and Resource Economists) (EAERE)

12. Language Proficiency

Language	Proficiency		
	Speaking	Reading	Writing
English	√	√	√
Bengali	√	√	√
Hindi	√	√	√

13. Research Guidance

No. of present PhD scholars: **3**

No. of PhD scholars with degrees awarded: **4**

No. of M. Phil. scholars with degrees awarded: **2**

14. Research Projects

Sl.No.	Name of Project	Funding Agency	Period
1.	A Study of the Socio-Economic Dynamics of the Colonial Migrant Business Community of Kolkata	ICSSR-ERC	2025-26
2.	Health Impact Assessment of Government Initiatives to Mitigate Fluoride Contamination in Drinking Water in West Bengal	World Health Organization (WHO) with WSSO, PHED Government of West Bengal	2018-19
3.	Agriculture and Groundwater Irrigation in West Bengal: The Role of Institutions	UGC (SAP)-DRS Programme	2016-17
4.	Crop Diversification and Agricultural Growth in West Bengal: Causes and Constraints	UGC (SAP)-DRS Programme	2015-16
5.	Electricity Reforms and Irrigation-Energy nexus in West Bengal	UGC (SAP)-DRS Programme	2014-15
6.	Groundwater Irrigation in West Bengal: Opportunities for Adaptation and Mitigation to Climate Change	UGC (SAP)-DRS Programme	2013-14
7.	Role of Panchayats in Canal Irrigation Management: A Case Study of West Bengal	A.K. Dasgupta Centre for Planning and Development	2012-13
8.	An Economic Analysis of Groundwater Markets in West Bengal	U.G.C (Minor Research Project)	2011-12
9.	An Economic Analysis of Arsenic Contamination in India and Bangladesh using a Willingness to Pay Approach	South Asian Network for Development and Environmental Economics (SANDEE)	2001-2003

15. Recent Publications

i. Books

1. Md. Irshad M., **Achiransu Acharyya** and Souvik Ghosh (2026). Manual on Artificial Intelligence and Statistical Approaches for Assessing Agricultural Performance. Agro-Economic Research Centre (AERC), Visva-Bharati. ISBN: 978-81-989525-0-9.
Link: https://www.visvabharati.ac.in/home/wp-content/uploads/2026/03/AERC_Manual-2026_03.pdf
2. Sridev Adak, Sreejit Roy Mehedi Hasan, Rishav Mukherjee, Saptarsi Chakraborty, Muhammed Irshad M, **Achiransu Acharyya**, Souvik Ghosh (2026). Pradhan Mantri Kisan Samman Nidhi (PM-Kisan): Performance, Problems and Prospects in West Bengal. Agro-Economic Research Centre (AERC), Visva-Bharati. ISBN: 978-81-989525-6-1.
Link: https://www.visvabharati.ac.in/home/wp-content/uploads/2026/09/AERC_Study-200_02.pdf
3. Mehedi Hasan, Sreejit Roy, Sridev Adak, Muhammed Irshad M, Rishav Mukherjee, Saptarsi Chakraborty, **Achiransu Acharyya** (2026). An Assessment of Kisan Credit Cards (KCC) with special reference to Animal Husbandry in West Bengal. Agro-Economic Research Centre (AERC), Visva-Bharati. ISBN: 978-81-989525-4-7.
Link: https://www.visvabharati.ac.in/home/wp-content/uploads/2026/09/AERC_Study-199_02.pdf
4. Saptarsi Chakraborty, Sreejit Roy, Sridev Adak, Mehedi Hasan, Rishav Mukherjee, Muhammed Irshad M, **Achiransu Acharyya** (2026). Rejuvenating Rice Fallow Lands in West Bengal Using Remote Sensing and GIS. Agro-Economic Research Centre (AERC), Visva-Bharati. ISBN: 978-81-989525-2-3.
Link: https://www.visvabharati.ac.in/home/wp-content/uploads/2026/08/AERC_Study-198_02.pdf

ii. Edited Books

1. Sinha Ray S. P. and Achiransu Acharyya (2024) *Ground Water Contamination in India: Adverse Effects on Habitats*. Springer. London, New York. <https://link.springer.com/book/10.1007/978-3-031-49092-7>
2. Acharyya, Achiransu (2023). *Environmental Economics in Developing Countries: Issues and Challenges*. Routledge and Taylor and Francis Group. United Kingdom.
<https://www.routledge.com/Environmental-Economics-in-Developing-Countries-Issues-and-Challenges/Acharyya/p/book/9781032182919>.
3. Acharyya, Achiransu, Soumyadip Chattopadhyay, and Apurba Kumar Chattopadhyay. (2019). *Globalization and Development: Perspectives and Policies*. Gyan Publishing House, New Delhi. ISBN: 978-81-212-1563-3.
<https://www.gyanbooks.com/index.php?p=sr&format=fullpage&Field=bookcode&String=1111015976788&Book=Globalisation%20and%20Development:%20Perspectives%20and%20Policies>

iii. Papers

1. Roy Sreejit, Sridev Adak, Saptarsi Chakraborty, Rishav Mukherjee, Mehedi Hasan, Muhammed M. Irshad, **Achiransu Acharyya** and Souvik Ghosh, “Climate Resilient Farming: Influence of Livelihood Assets on Agrochemical vs Organic Input Use in Coastal India”, *Indian Journal of Extension Education* Vol. 61, No. 4 (October-December), 2025, (120-127) <https://doi.org/10.48165/IJEE.2025.61420>
Link: https://www.iseeiari.org/wp-content/uploads/2025/10/20.-IJEE-Vol.-614-Oct-Dec-2025_revisewd-25.9.25.pdf
2. Acharyya Achiransu and Souvik Ghosh (2026) “Empowering Farmers through Agri Startups”, *Kurukshetra* (January 2026); ISBN: 0673-2343. Publication Division, Government of India.
Link: https://www.visvabharati.ac.in/home/wp-content/uploads/2026/03/AERC-Publication-Journal_2026-01-Kurukshetra.pdf
3. অচিরাংশু আচার্য (জুলাই ২০২৫) “ কৃষিতে উৎপাদন ব্যবস্থা বিষয়ে সেন-রুদ্র বিতর্ক ও তার বাস্তব প্রাসঙ্গিকতা “। পৃষ্ঠা ১৬৩-১৮২। অনুষ্ঠান ,৫৯ বর্ষ ৪র্থ সংখ্যা, প্রাক-শারদীয় ।
ISSN: 9 77097426977.
4. Acharyya, A. (2024). Professor Rabindra Nath Bhattacharya (15 November 1941 to 3 June 2022): A homage. *Ecology, Economy and Society—the INSEE Journal*, 7(1), 177–183.
<https://doi.org/10.37773/ees.v7i1.1235>
5. Ghosh Moumita and Achiransu Acharyya (2023) “Solar Energy Adoption in India: A Comparative Analysis across States with a focus on West Bengal.” *Praxis International Journal of Social Science and Literature*, 6(5): 78-87. <https://www.pijssl.com/p/may-2023.html>
6. Ghosh Moumita and Achiransu Acharyya (2023) “Development of Solar Power in India: A Comparative Analysis Across Indian States.” *International Journal of Advanced Multidisciplinary Research* 10 (5): 63-75. <https://ijarm.com/pdfcopy/2023/may2023/ijarm7.pdf>
7. Acharyya, Achiransu (2021). “Public Investment in Household Water Infrastructure and Economic Development: An Achilles Heel for India?” *Indian Groundwater XVII* (2), pp. 43-53. *Journal of Centre for Groundwater Studies, Kolkata* ISSN: 2347-8063.
8. Acharyya, Achiransu (2021). “Economics of Ground Water Development in Arsenic and Fluoride Affected areas of West Bengal, India.” *Indian Groundwater XVI* (1), pp. 46-60. *Journal of Centre for Groundwater Studies, Kolkata* ISSN: 2347-8063.
9. Acharyya, Achiransu (2020). “Groundwater market and Agricultural Tenancy: A new form of Collective inter-linkage in West Bengal” *Indian Journal of Agricultural Economics* 75 (4), pp. 375-384, published by Indian Society of Agricultural Economics, Mumbai.
10. Acharyya, Achiransu (2020). “Economic Instruments for Groundwater Management.” *Indian Groundwater XIV* (1), pp. 7-14. *Journal of the Centre for Groundwater Studies*. ISSN: 2347-8063.

11. Acharyya, Achiransu (2019). “Application of Game Theory in Water Resource Management.” *Indian Groundwater XIII* (2), pp. 20- 36. Journal of Centre for Groundwater Studies. ISSN: 2347-8063.
12. Acharyya, Achiransu (2019). “Economic Approach to Evaluation of Fluoride Mitigation Measures. *Indian Groundwater XII* (1), pp. 14 - 22. Journal of Centre for Groundwater Studies. ISSN: 2347-8063.
13. Acharyya, Achiransu, Ghosh M. and Bhattacharya R.N. (2018). “Groundwater Market in West Bengal, India: Does it Display Monopoly Power?” *Studies in Microeconomics* 6(1-2): 1-25. DOI: 10.1177/2321022218785243.
14. Acharyya, Achiransu. (2017). “Sustainable Development of Groundwater Resources in India: A Re-Look at Policy Initiatives.” *Indian Groundwater VIII* (1), 34-43. ISSN: 2347-8063.
15. Acharyya, Achiransu (2016). “Jol, Jomi O Khomota: Paschimbange Bhumisanskarer Ulot Puran?” *Antorjatik Pathsala V* (II and III), 128-142.
16. Acharyya, Achiransu. (2016). “Analysis of Groundwater Markets in West Bengal: Some Related Issues.” *Indian Groundwater VII* (2), 45-55. ISSN: 2347-8063.
17. Acharyya, Achiransu. (2014). “Groundwater, Climate Change and Sustainable Well-Being of the Poor: Policy options for South Asia, China and Africa.” *Procedia - Social and Behavioural Sciences* 157: 226 – 235, Elsevier. doi: 10.1016/j.sbspro.2014.11.025.
18. Acharyya, Achiransu. (2014). ‘Valuing Health Damages from Arsenic Contamination in India and Bangladesh: Some Policy Prescriptions’. Journal of the Institution of Public Health Engineers, India, Volume 1, 65-73.

iv. Book Chapters

1. Acharyya Achiransu (2026) “Sustainability of MSME under Climate Change: The Role of Climate Finance” in Mauli Sanyal and Archita Pramanik (ed.), *From Potential to Prosperity: The Strategy for the SDG Era* (pp. 148-165), New Alipore College Publishing, ISBN: 978-819-42205-27
2. Acharyya Achiransu (2026) “Basics of Econometrics” in Md. Irshad M., Achiransu Acharyya and Souvik Ghosh (ed.) *Manual on Artificial Intelligence and Statistical Approaches for Assessing Agricultural Performances*. AERC, Visva-Bharati. (pp. 176-182). ISBN: 978-81-989525-0-9.
Link: https://www.visvabharati.ac.in/home/wp-content/uploads/2026/03/AERC_Manual-2026_03.pdf
3. Acharyya, A. (2024). “The Economic Cost of Fluoride Contamination in Groundwater: A Case Study from Birbhum District of West Bengal.” In: Sinha Ray, S., Acharyya, A. (eds.), *Ground Water Contamination in India*. Springer, Cham. https://doi.org/10.1007/978-3-031-49092-7_14
https://link.springer.com/chapter/10.1007/978-3-031-49092-7_14

4. Acharyya Achiransu (ed.) (2023) *Environmental Economics in Developing Countries: Issues and Challenges*, Routledge and Taylor & Francis
<https://www.routledge.com/Environmental-Economics-in-Developing-Countries-Issues-and-Challenges/Acharyya/p/book/9781032182919#>.
5. Acharyya Achiransu (2023) Introduction and Overview: Environmental Economics in Developing Countries in Achiransu Acharyya (ed.) *Environmental Economics in Developing Countries: Issues and Challenges*, Routledge and Taylor and Francis, 1-36.
<https://www.routledge.com/Environmental-Economics-in-Developing-Countries-Issues-and-Challenges/Acharyya/p/book/9781032182919#>
6. Acharyya Achiransu (2023) “Climate-Smart Agriculture in Developing Economies: An Analysis of Strategies and Policies” in Achiransu Acharyya (ed.) *Environmental Economics in Developing Countries: Issues and Challenges*, Routledge and Taylor & Francis, 231-257
<https://www.routledge.com/Environmental-Economics-in-Developing-Countries-Issues-and-Challenges/Acharyya/p/book/9781032182919#>
7. Acharyya Achiransu (2021). “Integrating Climate Change Adaptation and Vulnerability Reduction for Sustainable Development in South Asia and Africa” In *Economic Effects of Natural Disasters: Theoretical Foundations, Methods, and Tools*, edited by Taha Chaiechi, pp. 547- 557, Academic Press, Elsevier, London, United Kingdom. DOI: <https://doi.org/10.1016/B978-0-12-817465-4.00032-7>.
8. Acharyya Achiransu (2020), Technology Infusion in Agriculture in India and the Eradication of Poverty” in *Technology Infrastructure as a Catalytic Agent for Eradicating Rural Poverty*, edited by Kamal R. Gupta and V. B. Angadi, 73-102. N.p: Gaurang Publishing Globalize Private Limited, Mumbai. ISBN: 978-81-946614-0-5.
9. Acharyya, Achiransu. (2019). “Globalization and Sustainable Agriculture in India.” In *Globalisation and Development: Perspectives and Policies*, edited by Achiransu Acharyya, Soumyadip Chattopadhyay and Apurba Kumar Chattopadhyay, 125-154. N.p: Gyan Publishing House, New Delhi. ISBN: 978-81-212-1563-3.
10. Acharyya, Achiransu. (2019). “IoT and Big Data Analytics in Agriculture: A Review of Theory and Practice.” In *Digital India for Agricultural and Rural Development: Scope and Limitations*, edited by Kamal R. Gupta and V. B. Angadi, 70 - 99. N.p: Gaurang Publishing Globalize Private Limited, Mumbai. ISBN: 978-81-933546-3-6.
11. Acharyya, Achiransu. (2018). “Groundwater Pricing and Groundwater Markets.” In *Groundwater Development and Management: Issues and Challenges in South Asia*, ed. By Pradip K.Sikdar, Springer International Publishing, Cham, Switzerland, pp. 471-488.
<https://doi.org/10.1007/978-3-319-75115-3>.

12. Acharyya, Achiransu and Madhusudan Ghosh (2017). “Climate Change Smart Farming Practices: A Review” In *Smart Farming: Problems and Prospects*, edited by Kamal R. Gupta and V.B. Angadi, 135-155. N.p: Gaurang Publishing Globalize Private Limited, Mumbai. ISBN: 978-81-933546-3-6.
13. Acharyya, Achiransu. (2009), “Valuing Health Damages from Arsenic Contamination: A Willingness to Pay and Dose-Response Approach.” In *Ecological Economics and Human Well-Being*, edited by Unai Pascual, Amita Shah, and Jayanta Bandopadhyay, 19-41. N.p.: Oxford University Press, New Delhi. ISBN 0-19-806175-7.

v. Policy Briefs

1. “**From Vulnerability to Resilience: Policy Insights on Climate Smart Coastal Agriculture**” by Sreejit Roy, Sridev Adak, Rishav Mukherjee, Mehedi Hasan, Saptarsi Chakraborty, Muhammed Irshad M, Achiransu Acharyya and Souvik Ghosh.
Link: https://www.visvabharati.ac.in/home/wp-content/uploads/2025/11/AERC_Policy-2025_01.pdf
2. “**Beyond Ownership: Land Titles, Institutional Access, and Farm Performance**” by Rishav Mukherjee, Sreejit Roy, Mehedi Hasan, Sridev Adak, Saptarsi Chakraborty, Achiransu Acharyya and Souvik Ghosh
Link: https://www.visvabharati.ac.in/home/wp-content/uploads/2026/03/AERC_Policy-2026_01.pdf

16. National and International Seminar/Conference/Workshop attended. (2025-26)

1. Chaired a session at the 6th Annual International Conference **on Emerging Technologies and Sustainable Solutions for Viksit Bharat**, organized by Research Forum, India and NIIS Institute of Business Administration, Bhubaneswar, at NIIS, Madanpur, Bhubaneswar, on 17th January 2026.
2. External Examiner for the NTCC (Dissertation) Evaluation of the M.Sc. (Economics) - Sem. IV students at Amity University, Kolkata, on 24th April 2025.
3. Participated as a Speaker and Resource person on the Policy Dialogue on “Strengthening Disclosures for Nature-Positive Finance in India: Issues and Challenges” organized by CUTS International, in collaboration with the Bengal Chamber of Commerce and Industry (BCC&I) on, March 19, 2026 at the Bengal Chamber of Commerce and Industries (BCC&I), Royal Exchange, 6 Netaji Subhas Road, Kolkata- 700001, West Bengal, India.
4. Presented a paper titled “**Economic Growth and Inequality in India: Conflict or Convergence?**” at the two-day National seminar on Issues in Growth and Development Dynamics of Indian Economy-The Post Reform Era jointly organized by the Department of Economics, Vidyasagar College, Kolkata and Bengal Economic Association in collaboration with IQAC, Vidyasagar College, Kolkata on 25th and 26th April, 2025.

5. Delivered an invited lecture on the topic “The Political Economy of Climate Change” in the weekly Teacher’s Seminar Programme at the Department of Philosophy and Comparative Religion, Visva-Bharati on August 27, 2025.
6. Acted as a Resource person at the State Level Consultation Workshop on ***Collectivized Natural Farming*** organized by the University of Birmingham, UK, Uttar Banga Krishi Viswavidyalaya and Centre for the Development of Human Initiatives on October 10, 2025, at Hotel Sonnet, City Centre-I, Block- DD, Salt Lake, Kolkata.
7. Presented a paper titled “Adoption of Cooperative-based Solar Pumps for Irrigation: Does it lead to groundwater conservation?” at the 12th Biennial Conference of the Indian Society for Ecological Economics (INSEE) on “Ecological Restoration for a Resilient Society: Economics, Policies and Institutions” held from January 11th to 15th January 2026 at the Indian Institute of Technology, Mandi.
8. Successfully participated in a pre-conference workshop and post-conference fieldwork on “Tools and methods for decision-making on ecological restoration” held on 11th and 15th January 2026, respectively, conducted by INSEE and FES at IIT, Mandi.

17. Collaboration with other Research Institutes/Universities:

9. Successfully guided a Master's thesis as an External Supervisor with Professor Sukanya Das at Tata Energy Research Institute (TERI) for the candidate Yashi Kumari. The title of her Master’s thesis was “Understanding Socio-Economic Impact of Mahua Flower Collection on Women: A Case Study of Tutikel, Simdega, Jharkhand from June 2025 to July 2026.
10. Appointed as Co-supervisor of Ms Sharmilee Sarkar, PhD. Scholar of Amity School of Economics, Amity University, Kolkata.
11. RAC member of PhD candidate Sri Biraj Narayan Roy under the supervision of Professor Biplab Loho Choudhury, Department of Journalism and Mass Communication, Visva-Bharati.

Others:

1. Appointed as State Vice President, West Bengal, honorarily for a period of 2 years, i.e. from June 2025 to May 2027, on behalf of Research Forum-India, New Delhi.

18. Other Activities

1. Regular speaker on television and Radio on economics and environment-related issues.
YouTube link: <https://www.youtube.com/user/achiransu/videos>
2. Regular columnist in various English and Bengali dailies and weeklies.