

## C.V. of Dr. Achiransu Acharyya



**1. Name:** Dr. Achiransu Acharyya (Ph.D)

**2. Present Designation:**

**i. Deputy Director (Honorary)**

Agro-Economic Research Centre (AERC)  
Ministry of Agriculture and Farmers' Welfare  
Government of India

**ii. Assistant Professor (Stage III)** Dept. of Economics and Politics (since 2004)  
Visva-Bharati (A Central University of National Importance)

V

**3. Address for correspondence:** 33/1A Abinash Chandra Banerjee Lane,  
Kolkata-700010  
West Bengal, India

**4. E-mail:** [achiransu@gmail.com](mailto:achiransu@gmail.com)  
[achiransu@visva-bharati.ac.in](mailto:achiransu@visva-bharati.ac.in)

**5. Mobile:** 9434247269 and 9903412598

**6. Areas of Research Interest:** Environmental and Natural Resource Economics  
Agricultural Economics  
Economics of Water Resources  
Energy Economics

### 7. Web Based Profiles

Google Scholar Profile	<a href="https://scholar.google.co.in/citations?user=BcMFZ4QAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=BcMFZ4QAAAAJ&amp;hl=en</a>
Research gate Profile	<a href="https://www.researchgate.net/profile/Achiransu_Acharyya/">https://www.researchgate.net/profile/Achiransu_Acharyya/</a>
Academia Profile	<a href="http://achiransuacharyya.academia.edu/">http://achiransuacharyya.academia.edu/</a>
LinkedIn profile	<a href="https://in.linkedin.com/in/dr-achiransu-acharyya-6008b029">https://in.linkedin.com/in/dr-achiransu-acharyya-6008b029</a>
EconPapers repec	<a href="https://econpapers.repec.org/RAS/pac112.htm">https://econpapers.repec.org/RAS/pac112.htm</a>
publons	<a href="https://publons.com/researcher/3540523/achiransu-acharyya/">https://publons.com/researcher/3540523/achiransu-acharyya/</a>
ORCiD	<a href="https://orcid.org/0000-0002-1791-4832">https://orcid.org/0000-0002-1791-4832</a>
YouTube link	<a href="https://www.youtube.com/user/achiransu/videos">https://www.youtube.com/user/achiransu/videos</a>
Shodhganga link	<a href="https://shodhganga.inflibnet.ac.in/simple-search?query=Achiransu+Acharyya&amp;go=">https://shodhganga.inflibnet.ac.in/simple-search?query=Achiransu+Acharyya&amp;go=</a>

## 8. Teaching and Research Experience

- i. Assistant Professor, Dept. of Economics, Visva-Bharati (since 2004)
- ii. Visiting Faculty, St. Xavier's College, Dept. of Business Administration.
- iii. Trainee Academic Associate, IIM Ahmedabad
- iv. Project Research Personnel, Jadavpur University
- v. Project Scientist, Institute of Wetland Management and Ecological Design, Kolkata

## 9. Awards and Honors

1. Awarded the **Dr. N.A. Mujumdar Prize for the best paper** at the 80<sup>th</sup> Annual Conference of the Indian Journal of Agricultural Economics under the auspices of Centre for Agricultural and Rural Development Studies (CARDS), Tamil Nadu Agricultural University, Coimbatore (Tamil Nadu) during 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 26<sup>th</sup> June to 20<sup>th</sup> 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. Editorial Work

1. Chief Editor of the journal titled “Indian Groundwater”, a double-blind peer-reviewed, UGC accredited, Bi-annual journal published by Centre for Groundwater Studies, Kolkata.
2. Associate Editor “Anustup”. A UGC-accredited Bengali quarterly journal running for the past 60 years from Kolkata.

## 13. Language Proficiency

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

## 14. Research Guidance

No. of present PhD scholars: **1**

No. of PhD scholars with awarded degrees: **3**

### Details of PhD awarded to scholars under my supervision:

1. **Name of PhD scholar:** Suvajit Banerjee  
**Title of thesis:** International Trade under Climate Change: An Indian Perspective  
**Date of PhD degree award:** 20<sup>th</sup> April 2022  
**Shodhganga link:** <https://shodhganga.inflibnet.ac.in/handle/10603/379337#>  
**Current Status:** Fellow, National Council of Applied Economic Research (NCAER), New Delhi  
**Website:** <https://ncaer.org/people/suvajit-banerjee/>
2. **Name of PhD scholar:** Moumita Ghosh  
**Title of thesis:** Solar Power and Socio-Economic Development in India with special reference to West Bengal  
**Date of PhD degree award:** 4<sup>th</sup> September 2024  
**Shodhganga link:** <https://shodhganga.inflibnet.ac.in/handle/10603/630131#>  
**Current Status:** Assistant Professor of Economics, Chakdah College, University of Kalyani  
**Website:** <https://chakdahcollege.ac.in/Moumita-ghosh-economics.aspx>
3. **Name of PhD scholar:** Susnata Ganguly  
**Title of thesis:** Socio-Economic Impact of Groundwater Markets: A Study of Some Selected Villages of West Bengal  
**Date of PhD degree award:** 25<sup>th</sup> November 2024  
**Shodhganga link:** <https://shodhganga.inflibnet.ac.in/handle/10603/622772#>  
**Current Status:** Visiting Faculty, Adamas University, School of Economics and Business  
**Website:** <https://adamasuniversity.irins.org/profile/159403>

No. of MPhil scholars with awarded degrees: **2**

## 15. 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 (ongoing)	ICSSR	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

8.	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
----	---	--	-----------

## 16. Recent Publications

### *i. Edited Books*

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>

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>

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=111015976788&Book=Globalisation%20and%20Development:%20Perspectives%20and%20Policies>

### *ii. Papers*

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>

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>

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.

- 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
- 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
- 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.
- Acharyya, Achiransu (2020). "Economic Instruments for Groundwater Management." *Indian Groundwater XIV* (1), pp. 7-14. Journal of Centre for Groundwater Studies. ISSN: 2347-8063.
- 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
- 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
- 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
- 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.
- Acharyya, Achiransu (2016). "Jol, Jomi O Khomota: Paschimbange Bhumisanskarer Ulot Puran?" *Antorjatik Pathsala V* (II and III), 128-142.
- Acharyya, Achiransu. (2016). "Analysis of Groundwater Markets in West Bengal: Some Related Issues." *Indian Groundwater VII* (2), 45-55. ISSN: 2347-8063.
- Acharyya, Achiransu. (2014). "Groundwater, Climate Change and Sustainable Well Being of The Poor: Policy options for South Asia, China and Africa." *Procedia - Social and Behavioral Sciences* 157: 226 – 235, Elsevier. doi: 10.1016/j.sbspro.2014.11.025.
- 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.

### **iii. Book Chapters**

- 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://doi.org/10.1007/978-3-031-49092-7_14)  
[https://link.springer.com/chapter/10.1007/978-3-031-49092-7\\_14](https://link.springer.com/chapter/10.1007/978-3-031-49092-7_14)
- Acharyya Achiransu (ed.) (2023) *Environmental Economics in Developing Countries: Issues and Challenges*, Routledge and Tylor and Francis  
<https://www.routledge.com/Environmental-Economics-in-Developing-Countries-Issues-and-Challenges/Acharyya/p/book/9781032182919#>
- 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#>
- 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 Tylor and Francis, 231-257  
<https://www.routledge.com/Environmental-Economics-in-Developing-Countries-Issues-and-Challenges/Acharyya/p/book/9781032182919#>
- 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>.
- 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.
- 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.
- 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.
- 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>.

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.

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.

#### **17. National and International Seminar/Conference/Workshop attended. (2024-25)**

- i. Attended the Board of Studies meeting as an External Expert at the Department of Economics, Ramakrishna Mission Vidyamandira, Belur Math, Howrah on 7<sup>th</sup> May 2024.
- ii. Delivered an invited lecture entitled "Economic Growth, Climate Change and Sustainable Development: Addressing the Conundrum" online at the Department of Economics, Durgapur Government College, Durgapur, West Bengal, on 20<sup>th</sup> April 2024.
- iii. Delivered lectures online as a Resource person during the ten-day Online Certification Course on 'Entrepreneurship Development' organized jointly by the Department of Commerce and the Department of Economics in collaboration with the Add-On Course Committee & IQAC, Vijaygarh Jyotish Ray College, Jadavpur, Kolkata from 5<sup>th</sup> June to 14<sup>th</sup> June 2024.
- iv. Delivered a lecture as Guest of Honour titled "Groundwater Economics" at the One-day Tier-III Training Course on "Groundwater Development and Management Practices" organized by Central Groundwater Board, Eastern Region at Lipika Auditorium, Visva-Bharati on 12<sup>th</sup> September 2024.
- v. Chaired a session at the international research conference on "Building Resilience Against Climate Change and Related Challenges: Roadmap Towards a Sustainable Future" organized by Amity School of Economics, Amity University, Kolkata on 20<sup>th</sup> November 2024.
- vi. Delivered a special invited lecture entitled 'Gender Inequality and Health Impact of Water Pollution' in the ICSSR-ERC Sponsored Two Day National Seminar held in Murshidabad University, Berhampore, West Bengal on the theme "Economics of Gender and Health: Lessons from India in the Post Pandemic Era" from 18<sup>th</sup> to 19<sup>th</sup> March 2025
- vii. Chaired a session in the ICSSR-ERC Sponsored Two Day National Seminar held at Murshidabad University, Berhampore, West Bengal, on the theme "Economics of Gender and Health: Lessons from India in the Post-Pandemic Era" from 18<sup>th</sup> to 19<sup>th</sup> March 2025.
- viii. Chaired a technical session on "Informality and Women: Challenges and Realities" at the National Conference, Sponsored by ICSSR on Challenges of Women Empowerment in India's Informal Sector at the Department of Anthropology, Vidya-Bhavana, and Department of Social Work, Palli Samgathana Vibhaga, Institute of Rural Reconstruction, Visva-Bharati from 11<sup>th</sup> to 12<sup>th</sup> February 2025.



- ix. Attended the 6th RAC meeting as an External Expert at the Department of Economics, University of Calcutta on 6<sup>th</sup> March 2025.
- x. Chaired a session at the Two-Day National Seminar on ‘Sustainable Development and Social Work: Exploring the Road Ahead’ organized by the Department of Social Work, Palli-Siksha Bhavana, Visva-Bharati, Sriniketan from 25<sup>th</sup> March to 26<sup>th</sup> March 2025.

## **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.