Curriculum Vitae



1. Name in full	Prof.. Bidhan Chandra Roy
2. Designation	Professor of Agricultural Economics
3. Address	Institute of Agriculture (PSB), Visva Bharati, Santiniketan, West Bengal-731236
4. Contact (E-mail/Mob)	bidhanchandra.roy@visva-bharati.ac.in M-+919641071592
5. Date of birth	27th January, 1969
6. Areas of research interest	**A**gricultural **G**rowth **&** **P**olicy; **L**ivelihood **A**nalysis **&** **V**illage **S**tudy

7. Academic qualifications

Degree	Year	Subject/ Specialization	University/ Board	Class
Ph.D (Ag. Econ)	1994-2001	Agricultural Economics	I.A.R.I., New Delhi	First (Gold Medal, University topper)
M.Sc (Ag. Econ)	1991-1994	Agricultural Economics	G.B.P.U.A.T, Pantnagar	First (Department topper)
B.Sc (Ag.) Hons.	1987-1991	Agriculture	Visva Bharati, Santiniketan	First (4th rank in university)

8. Academic, Research & Administrative positions held

Positions	Period	University /Organization	Nature of responsibility
Chair Professor, A K Dasgupta Centre for Planning & Development (a NITI Ayog unit)	2025 onwards	Visva-Bharati & NITI Ayog	Research, Policy Dialouge & Research Administration
Head, Dept. of Agricultural Economics	2019-20 & 2025 onwards	Visva Bharati, Santiniketan	Administration
Professor in Agricultural Economics	2010 onwards	Visva Bharati, Santiniketan	Teaching, Research and Extension
Hony. Director, AERC	2017-2022	AERC, MoA&FW, GoI	Research Administration
Head, Dept. of Agricultural Extension, Agricultural Economics & Agricultural Statistics	2014-16	Visva Bharati, Santiniketan	Administration
Vice-Principal, PSB	2010-2012	Visva Bharati, Santiniketan	Administration
Associate Professor/Reader	2004 -2010	Visva Bharati, Santiniketan	Teaching, Research and Extension.
Scientist	1997-2004	ICAR-NIAP, New Delhi	Policy research and policy interface

9. Academic distinctions (Awards/Fellowships/Recognitions):

- *Chair Professor,* A K Dasgupta Centre for Planning & Development (a NITI Ayog unit), Visva-Bharati
- *Former Honorary Director*, AERC, Visva-Bharati & MoA&FW, New Delhi
- *Former Editor,* Indian Journal of Agricultural Research

- *D. K. Desai Award,* Indian Society of Agricultural Economics, Mumbai
- *Best Student of the Year 2001 Award,* IARI, New Delhi
- *Gold medal* for best Ph. D. theses work at 40th Convocation of IARI
- ICAR-*Senior Research Fellowship & ICAR-NET for 1994, 1995 & 1996*
- *National Coordinator for Village Survey Study, AER Division, DES, MoA&FW, GoI*
- *Joint Coordinator,* Bio-consortium for Vermi-Composting, Visva-Bharati
- *Chairman,* Central GeM & CPPP Procurement Committee, Visva-Bharati
- *Member*, Quinquennial Review Team (QRT), ICAR-NINFET, Kolkata, West Bengal
- *Member*, Research Advisory Committee, ICAR-MGIFRI, Motihari, Bihar
- *Organizing Secretary/Convener* for regional/national/international conferences
- *Organizing Secretary*, Confluence 2025, 1st Industry-Academia Meet, Visva-Bharati (2025)
- *Organizing Secretary*, 19th Re-union Meet, Palli-Siksha Bhavana (2024)
- *Chairman & Rapporteur*, 82nd Annual Conference of Indian Society of Agricultural Economics
- *UG Course Co-ordinator*, Palli-Siksha Bhavana (2006-2011)

10. Google Scholar Citation Index (as on 25.08.2025) =1031 (h-index=13; i-10 index=20)
Vidwan (https://vidwan.inflibnet.ac.in/profile/151836) Score = 9.8 out of 10

11. Summary of publications (Till 10.03.2025)

Particulars	**Book**		**Refereed/reviewed journals**		**Technical Bulletin/ Manual/ Book Chapter**		**Workshop/Conference/Seminar Proceedings**		**TOTAL**
	International	National	International	National	International	National	International	National	
Full length	2	3	8	17	3	12	5	15	**63**
Summary	-	-	5	12	3	3	5	15	**43**
Miscellaneous	1	3	-	-	2	4	2	8	**20**
Total	**3**	**6**	***13***	***29***	***8***	***19***	***12***	***38***	**126**

12. Seminar/Conference/etc. organised

Sl No	***Name of the Conference/ Seminar/ Workshop***	***Period***	***Venue***	***Capacity***
1	International Conference on Agriculture in Hilly and Mountain Landscape: An Interdisciplinary Perspective	Nov 22-24, 2023	CPGS-AS, CAU, Meghalaya	Co-ordinator, International Working Group
2	National Seminar on Digital Interventions and Sustainable Livelihoods in Hill Ecosystems	Jan 10-11, 2025	Visva-Bharati, Santiniketan	Convenor
3	National Seminar on Sustainable Agriculture, Rural Development and Future Food Security in India: An Interdisciplinary Approach	Mar 1-2, 2024	Visva-Bharati, Santiniketan	Organizing Secretary
4	82nd Annual Conference of Indian Society of Agricultural Economics, Mumbai	Nov 10-12, 2022	CAU, Imphal	Rapporteur & Chairman
5	83nd Annual Conference of Indian Society of Agricultural Economics, Mumbai	Dec 19-21, 2023	OUAT, Bhubaneswar	Chairman of Poster Evaluation Session
6	Brainstorming Session on Release of Agricultural Development Report 2021	June 22, 2021	ICAR-NIAP, New Delhi	Panelist /Discussants
7	National Seminar on Agricultural Strategies Vis-à-vis Environment : Vision 2025	Mar 21-22, 2010	AERC, Visva-Bharati	Organizing Secretary
8	National level Methodology Workshop on Village Survey Study	Sept 29-30, 2019	AERC, Visva-Bharati	Organizing Secretary
9	Golden Jubilee Conference on *Advances in Agricultural Research towards Food Security and Environmental Sustenance*	Sept 1-3, 2012	Palli-Siksha Bhavana, Visva-Bharati	Organizing Secretary

10	National Seminar on Diversification of Agriculture in Eastern India	Mar 23-25, 2012	AERC, Visva-Bharati	Organizing Secretary
11	19th Reunion Meet of Palli-Siksha Bhavana	10-12 Feb, 2024	Palli-Siksha Bhavana, Visva-Bharati	Organizing Secretary

13. Selected Externally Funded Research Projects Undertaken

Sl No	**Title of the Study**	**Sponsoring Agency (Collaborator)**	**Capacity as**
1	Fertilizers Subsidies in India: Impact on Sustainable Agriculture and Food Security	Green Peace (University of Excrete, London)	Principal Investigator
2	Rural Livelihood Diversification in West Bengal	Ministry of Agriculture and Farmers Welfare, Government of India	Principal Investigator
3	Village Survey Study in West Bengal (Sahajapur Village in Birbhum District)	Ministry of Agriculture and Farmers Welfare, Government of India	National Co-ordinator & Principal Investigator
4	Assessment of ratio of different products/forms of Spices being marketed: Study based on Ginger and Turmeric in Sikkim	Ministry of Agriculture and Farmers Welfare, Government of India	Principal Investigator
5	State Budgetary Resources and Agricultural Development	Ministry of Agriculture and Farmers Welfare, Government of India	Principal Investigator
6	Impact evaluation study on Per Drop More Crop component of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) in Sikkim.	Ministry of Agriculture and Farmers Welfare, Government of India	Principal Investigator
7	Decision Support System for Vulnerability Assessment in Agriculture	UNEP (SEI, London)	Co- Principal Investigator
8	Implementation and Promotion of IPM technology for the control of eggplant fruit and shoot borer in Indo-Gangetic Plains of South Asia	Asian Vegetable Research and Development Centre, Taiwan	Co- Principal Investigator
9	Water Quality Assessment of Coal Bed Water for Providing Irrigation to Agriculture	ESSAR Oil	Co- Principal Investigator
10	Water-Food Security Scenario Analysis for 2025: Agro-ecological Regional Approach	World Bank/NATP	Co- Principal Investigator
11	Evaluation Study of On-going Scheme "Strengthening and Modernization of Pest Management Approach in India	Directorate of PPQ&S, Govt of India	Co- Principal Investigator
12	Analysis of productivity changes and future sources of growth for sustainable rice-wheat system in Indo-Gangetic plains of India	World Bank/NATP	Co- Principal Investigator

14. Selected publications (only relevant to Organic Farming/Livelihood Analysis/Mountain Ecosystems)

Book/Monogram/Technical Bulletin:

Ghosh, M.; Sarkar, D. and B. C. Roy (2014). Diversification of Agriculture in Eastern India, Springer, pp.xxi+239, (ISBN No.: 978-81-322-1996-5)

Khatun, Dilruba and Roy, B. C (2012). *Rural Livelihood Diversification in West Bengal*, LAP-LAMBERT Academic Publishing, Germany (ISBN 978-3-659-22075-3)

Rahim, K. M. B.; Sarkar, D and B. C. Roy (2011). *Sustainable Agriculture and Environment*. pp. 422 New Delhi Publishers, New Delhi (ISBN No; 978-93-81274-12-5)

Baral, K.; Roy, B.C.; Rahim, K.M.B.; Chatterjee, H.; Mandal, P.; Mandal, D.; Ghosh, D.; and Talekar, N. S. (2006). Socio-Economic Parameters of Pesticide Use and Assessment of Impact of an IPM Strategy for the Control of Eggplant Fruit and Shoot Borer in West Bengal, India. Pp.1-48, Technical Bulletine No. 37. DFID-AVRDC, Taiwan (ISBN 92-9058-147-6)

Sarkar, D.; Roy, B. C. and B. Mondal (2015). Strengthening and Modernization of Pest Management Approach in India, LAMBERT (ISSN: 978-3-659-69983-2).

Mondal B., Sarkar D., Mukhopadhyay S.D., Ghosh S., Roy B.C. and Chowdhury S (2016). Family Farming: Challenges and Opportunities, Renu Publishers (ISBN: 978-93-85502-22-4).

Roy, B. C.; Chand, P.; Dutta, P.; Sen D.; Singh, R. and Rai, M. Eds. (2023). International Conference on Agriculture in Hilly and Mountain Landscape: An Interdisciplinary Perspective, Souvenir cum Book of Abstracts (Eds), Indian Society of Agricultural Economics, 22-24 November, 2023, CAU (Imphal), Umiam, Meghalaya, pp. 224.

Roy, B. C.; Khatun, D. and Roy, A. (2018). Rural Livelihood Diversification in West Bengal**;** Study No.- 189, Agro-Economic Research Centre (For the States of West Bengal, Sikkim and Andaman & Nicobar Islands), Visva-Bharati, Santiniketan, West Bengal, pp.-xiii+85.

Roy, B.C. and Majumder, D. (2021). Village Survey Study in West Bengal (Sahajapur village in Birbhum District); Study No. 192; Agro-Economic Research Centre (For the states of West Bengal, Sikkim and Andaman & Nicobar Islands) Visva-Bharati, Santiniketan, West Bengal; pp –xv+174

K. S. Chattopadhyay and B. C. Roy (2017). Farmer Suicides in West Bengal; Study No.- 183, Agro-Economic Research Centre (For the States of West Bengal, Sikkim and Andaman & Nicobar Islands), Visva-Bharati, Santiniketan, West Bengal, pp.-ix+59.

S. Selvarajan, B C Roy and N. Suresh. (Eds). (2004) *Resource Analysis for Sustaining Water Food Security:* Proceedings of the Planning Workshop organised under National Agricultural Technology Project; *Proceedings 12*, *National Centre for Agricultural Economics and Policy Research*, New Delhi, India, pp. 215+xvi.

***Research Papers*:**

Khatun, Dilruba and Roy, B. C. (2012). Determinants and constraints of rural livelihood diversification in West Bengal, *Agricultural Economics Research Review*, January-June 2012 Volume 25 (No. 1), pp.115-124, New Delhi (ISSN 0971-3441).

Roy, B. C. and Prem Chand (2023). Proceedings of the International Conference on Agriculture in Hilly and Mountain Landscape: An Interdisciplinary Perspective - A Brief Report; *Indian Journal of Agricultural Economics*, 78(4):680-688 (ISSN 0019-5014)

Roy, A.; Roy, B. C.; Mondal, B. and Rahaman, S. M. (2023). Economic Evaluation of Transition into Complete Organic in Sikkim: A case of Ginger and Turmeric, In: Souvenir cum Book of Abstracts of *Agriculture in Hilly and Mountain Landscape: An Interdisciplinary Perspective* (Roy, B. C.; Chand, P.; Dutta, P.; Sen D.; Singh, R. and Rai, M. Eds.). Indian Society of Agricultural Economics, 22-24 November, 2023, CAU (Imphal), Umiam, Meghalaya, pp. 224.

Khatun, D. and Roy, B. C. (2016). Rural Livelihood Diversification in West Bengal: Nature and Extent, Agricultural Economics Research Review, 29, pp 183-190,(ISSN:347-2016-17250)

Roy, B. C. (2023). Sustainable Agricultural Growth, Diversification and Farm Income, Summaries of Group Discussions, Subject-I, *Indian Journal of Agricultural Economics*, 78(1): 79-83, ISSN 0019-5014

Roy, B. C. (2022). Sustainable Agricultural Growth, Diversification and Farm Income, Rapporteurs Report, *Indian Journal of Agricultural Economics*, 77(3): ISSN 0019-5014

Paul, D.; Roy, B. C.; Mondal, B.; Arti and Gorain, S. (2023). Strategies and Policies for Accelerated and Diversified Agricultural Growth in Tripura, In: Souvenir cum Book of Abstracts of *Agriculture in Hilly and Mountain Landscape: An Interdisciplinary Perspective* (Roy, B. C.; Chand, P.; Dutta, P.; Sen D.; Singh, R. and Rai, M. Eds.). Indian Society of Agricultural Economics, 22-24 November, 2023, CAU (Imphal), Umiam, Meghalaya, pp. 224.

. Roy, B. C**.** and Suresh Pal (2002). Investment, Agricultural Productivity and Rural Poverty in India: A State-Level Analysis, *Indian Journal of Agricultural Economics, 57(4): 653-678*

Mishra, Shubhrajyoti, Bitan Mondal, Arti Thakur, and Bidhan Chandra Roy (2025). "Market Integration and Price Transmission in India's Major Paddy Markets: An Econometric Introspection." *Journal of Experimental Agriculture International*, vol. 47, no. 3, Mar. 2025, pp. 45–59. DOI: 10.9734/jeai/2025/v47i33315.

Giri, D.; Roy, B. C.; Sarkar, D. and Das, S. (2021). Awareness on Bio-Based Farming System: A Study in Four Districts of South West Bengal, Research Biotica, 3(2):110-115, www.bioticainternational.com

Giri, D.; Roy, B. C.; Sarkar, D. And Das, S. (2020). Constraints of Bio-based Farming System: A Study in Hooghly and South 24 Parganas Districts of South West Bengal, Innovative Farming, www.innovativefarming.in, 5(2):103-109.

Giri, D.; Roy, B. C.; Gorain, S. and Ghosh, M. (2024). Economics and efficiency of organic farming vis-à-vis conventional farming in Southern West Bengal, India. In: Book of Abstracts of National Seminar on Sustainable Agriculture, Rural Development and Future Food Security in India: An Interdisciplinary Approach (Mondal, B.: Arti; Gorain, S.; Roy, B. C. and Sarkar, D. Eds.), Agricultural Economics and Social Science Research Association, Visva-Bharati, West Bengal (ISBN: 978-81-96887-06-3).

B.C.Roy, G. N. Chattopadhyay and Reyes Tirado (2009). Subsidising Food Crisis: Synthetic fertilisers lead to poor soil and less food, Grrenpeace India, Bangalore, www.greenpeaceindia.org, pp. ii+35.

B. C. Roy (2014). *Agri-Business Potential in India with Special Reference to Fruit and Vegetable Processing Industry in Eastern and North-Eastern States*, In: Ram Singh, Dibakar Naik and S. M. Feroze (Eds.) *Agri-Business Potential in India: Experiences from Hill States,* EPH Publishers (India), 2014: pp. 81-106, (ISBN: 9789383252213)

B. C. Roy**,** S. Selvarajan and Chinmayee Mohanty (2004). Vulnerability and Adaptation to Climate Change in Orissa: A Livelihood Analysis, *Working Paper 6*, *National Centre for Agricultural Economics and Policy Research*, New Delhi, India, pp. 29+ii

B.C.Roy and Suresh Pal (2006). Investment, Agricultural Productivity and Rural Poverty in India: A State-Level Analysis, In: N. A. Mujumdar and Uma Kapila (Eds) *Indian Agriculture in the New Millennium: Changing Perceptions and Development Policy, Volume I, Academic Foundation, New Delhi,* pp. 398.

Mandal, D.; Ghosh, D.; Baral, K.; Roy, B.C. and Talekar, N.S. (2008*). Impact of IPM Strategy for Control of Brinjal Fruit and Shoot Borer, Leucinodes orbonalis (Guenee)*, Annals of Plant Protection Sciences; Volume : 16, Issue : 2.

B.C.Roy, G. N. Chattopadhyay and Reyes Tirado (2009). Impacts of Long-term synthetic fertiliser use on food productivity and soil degradation, In: B.C.Roy, G. N. Chattopadhyay and Reyes Tirado (Eds) Subsidising Food Crisis: Synthetic fertilisers lead to poor soil and less food, Grrenpeace India, Bangalore, www.greenpeaceindia.org, pp. 13-14.

B.C.Roy, G. N. Chattopadhyay and Reyes Tirado (2009). Solutions to the soil degradation and stagnation of food productivity, In: B.C.Roy, G. N. Chattopadhyay and Reyes Tirado (Eds) Subsidising Food Crisis:

Synthetic fertilisers lead to poor soil and less food, Grrenpeace India, Bangalore, www.greenpeaceindia.org, pp. 20-35.

Roy, B. C.; Mondal, B.; Ojha, S.; Biswas, R. K. and Datta, V. (2020). Performance Evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in West Bengal; Agricultural Situation in India, Government of India, January 2020, Vol. LXXVI, No.10, pp-47-49 (ISSN: 0002-1679)

Roy, B. C. (2022). Organic Revolution in Sikkim: A Case of Ginger and Turmeric, Agro-Economic Alerts: Aiding the future of India's farmers and agriculture, Issue 27, March 2022, CMA, IIM-Ahmedabad

15. No. of Ph. D. Scholar guidance as Principal Supervisor = 11 (Degree Awarded=8; Continuing = 3)

16. Ph. D. research supervised (awarded only) as guide:

Sl. No	Title of Study	Name of the Scholar	Year of degree awarded
1	Rural Livelihood Diversification in West Bengal: Determinants, Constraints and Impact on Household Livelihood Security	Dilruba Khatun	2010
2	Problems and Prospects of Fruit and Vegetable Processing in West Bengal	Sabyasachi Ojha	2012
3	Problems and Prospects of Organic Farming in West Bengal- An Exploratory Analysis	Ranjan Kumar Biswas	2013
4	Designing Rating Methodology for Micro Finance Institutions Operating in India	Subroto Chowdhary	2015
5	Crop Diversification: A Search for an Alternative Income of Small and Marginal Farmers in the State of Tripura	Debabrata Paul	2019
6	Growth and Instability of Agriculture in Jharkhand: A Spatio-Temporal Analysis	Jaiprakash	2020
7	Microfinance through Women Self-Help Groups (WSHGs) – Constraints in Accessing Microcredit and its Utilization in Southern West Bengal	Gosaidas Bairagya	2024
8	A Comparative Study of Organic Farming vis-a-vis Conventional Farming in Southern West Bengal	Debabrata Giri	2024