

Dr. BITAN MONDAL

Associate Professor

(Agricultural Economics & Computer Applications)

Department of Agricultural Economics

Palli Siksha Bhavana,

& Ex-Deputy Proctor

Visva Bharati

(from 29th Nov, 2012 and continuing)



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Date of Birth: 9th of April, 1986

Areas of Research Interest: International Trade, Impact Assessment, Climate Change & Mitigation Strategies, Quantitative Economics

Education & Professional Development:

Degree	Year	Subject/ Specialization	University/ Board	%Marks / OGPA	Class	Academic Distinction
Ph.D.	2014	Agricultural Economics	ICAR-NDRI	7.1/10	First	Thesis accredited with appreciation certificate
M.Sc.	2009	Dairy Economics	ICAR-NDRI	7.3/10	First	First in first class Thesis awarded with “Best Thesis Award” in Dairy Management group.
B.Sc. (Ag.) Hons.	2007	Agriculture	Visva Bharati (Central University)	68%	First	
Higher Secondary	2003	Science Group	WBCHSE	79%	First	First class with star marks
Secondary	2001	All	WBBSE	83%	First	Ranked in Top 100 of the state

Academic & Administrative Positions Held:

Positions	Period	Name of the University /Organization	Nature of Responsibility
Assistant Professor	From 2012 and till continuing	Visva Bharati	Teaching, Research & Extension
Deputy Proctor of the University	From 14/12/2021 and till continuing	Visva Bharati	Intervention and facilitation to all student related matters ranging from admission till award of degree
In-Charge Undergraduate Computer Laboratory	From 2012 and till continuing	Visva Bharati	Maintaining & Upgrading of the laboratory to the state-of-the-art computing facilities and teaching 'Computer Application' course in Undergraduate
In-Charge Postgraduate Computer Laboratory	From 2012 and till continuing	Visva Bharati	Maintaining & Upgrading of the laboratory to the state-of-the-art computing facilities and training of the students in latest analytical software.
In-Charge AR VR Laboratory	From 2023 and till continuing	Visva Bharati	Maintaining, Demonstration and updating laboratory to teach students about handling and making aware about modules developed by ICAR institutes.

Additional Qualification/ Trainings/Conferences/Seminars:

Year	Topic	Skills Gained
2026	Delivered "Invited Lecture" on "Agricultural Trade, Food System Transformation and Dietary Diversity" during "National Conference on Agri-Tech Innovation and Digital Pathways for Agri Startups (NCIPAS-2026)" held at ICAR Research Complex for North Eastern Hill Region, Umiam, Meghalaya	Deliberation Skill
2025	Organising Secretary of National Conference on "Digital Interventions & Sustainable Livelihoods in Hill-Ecosystem: Towards Vision Viksit Bharat@2047" at Palli Siksha Bhavana, Visva-Bharati on March 10-11, 2025 sponsored by 'Indian Council of Social Science Research, New Delhi'	Organisation and Management Skills

2024	Participated and presented paper in prestigious ' 32nd International Conference of Agricultural Economists: Transformation Towards Agri-Food Systems ' held at NASC Complex, New Delhi during August 2-7, 2024	Presentation Skill
2024	Attended and successfully completed 21 days ' Winter School training Programme ' on ' Quantitative Techniques for Agricultural Policy Analysis ' organised by ' ICAR-National Institute of Agricultural Economics and Policy Research, New Delhi ' on March 8-28, 2024	Latest quantitative tools for Policy analysis
2024	Organising Secretary of National Seminar on "Sustainable Agriculture, Rural Development and Future Food Security in India: An Interdisciplinary Approach" at Palli Siksha Bhavana, Visva-Bharati on March 1-2, 2024	Organisation and Management Skills
2022	Attended and successfully completed 6 days training on " Analytical techniques for Impact Evaluation Methods " organised by " Banaras Hindu University (BHU) " sponsored by " International Food Policy Research Institute (IFPRI) " from 18 th April to 23 rd April 2022	Latest Tools & Techniques in Impact Evaluation
2021	Participated and Presented Paper in ' 29th Annual Conference of Agricultural Economics Research Association ' on ' Public Policies and Agricultural Transformation in India ' held 27-29 October, 2021	Presented Research Paper
2021	Presented research paper and Chaired a technical session in the prestigious " International Conference of Agricultural Economists " organized by ' International Association of Agricultural Economists ' from August 17-31, 2021 (Virtual Mode)	Chairman of Technical Session
2021	Participated and successfully completed (A+ grade) in Induction Training/Orientation Programme for Faculties in University from February 11 to March 13, 2021 Organized by Ramanujan College, University of Delhi under Ministry of Education	Teaching Aptitude
2020	"Winter School Training Programme" on " Data Analysis in Agriculture Using Statistical Software Packages " from 16/01/2020 to 05/02/2020 at Division of Statistical Genetics, ICAR-IASRI, New Delhi	R, R-Studio, STATA etc.
2019	"National Workshop" on " Politics with Big Data: Social Science with R " from 20/12/2019 to 22/12/2019 (03days) at Presidency University, Kolkata	Big Data Analysis in R
2019	"CAFT Training Programme" on " Recent Advances in Statistical Modelling and Forecasting for Agricultural Data Analysis " from 23/02/2019 to 15/03/2019 (21 days) at Division of Forecasting and Agricultural Systems Modelling, ICAR-IASRI, New Delhi	Forecasting, Modelling

2019	National Workshop on “Planning and Development of Online Courses with reference to MOOCs” from 05/02/2019 to 11/02/2019 (07 Days) at A.K.Dasgupta Centre for Planning and Development, Visva Bharati, Santiniketan, West Bengal.	Development of online courses
2018	“CAFT Training Programme” on “Quantitative Methods for Agricultural Policy Analysis” from 23/01/2018 to 12/02/2018 (21 days) at Division of Agricultural Economics, ICAR-IARI, New Delhi	Quantitative Economics
2017	Training on “ARCGIS1: Introduction to GIS” from 10/04/2017 to 11/04/2017 (02 days) at ESRI, Kolkata	ARC-GIS (Introductory)
2017	Workshop on “Data Analysis using SPSS” from 04/02/2017 to 05/02/2017 (02 days) Jointly organised by Department of Physical Education, Visva Bharati and SPSS South Asia Private Limited, Bangalore.	SPSS Operation
2016	Successfully Completed E-Learning course on “Certificate in Advanced MS-EXCEL” from September 2016 to November 2016 (03 months) at MANIPAL PRO-Learn Academy, Bengaluru	Advanced MS-Excel
2016	Workshop on “Organising Research with Reference Management Tools” from 28/11/2016 to 29/11/2016 (02 days) at Central Library, Visva Bharati, Santiniketan	Mendeley, Zotero
2016	Workshop on “Handling National Sample Survey Unit Level Data Through STATA” from 30/09/2016 to 02/10/2016 (03 days) organised by SNAP Academy, Kolkata, held at Aliah University, Kolkata	STATA Operation
2016	UGC-SAP DRS II sponsored workshop on “Research Methodology Workshop in Applied Econometrics” from 17/09/2016 to 23/09/2016 (07 days) at Department of Economics & Politics, Visva Bharati, Santiniketan	Quantitative Economics
2015	“ICAR-SUMMER School Training Programme” on “Analytical Tools for Decision making in Agriculture” from 16/07/2015 to 05/08/2015 (21 days) at National Institute for Agricultural Economics & Policy Research (NIAP), New Delhi	Quantitative Economics
2014	UGC Sponsored “Orientation Programme” from 04/07/2014 to 31/07/2014 (28 days) at UGC-Academic Staff College, Burdwan University	Teaching Aptitude

2012	Successfully Completed <i>“Post Graduate Diploma in Computer Applications”</i> from 01/08/2011 to 31/07/2012 (12 months) at Computer Point Learning Centre (Under Govt. of Haryana and Ministry of Communication and IT, Govt. of India)	Information Technology Tools
2012	ICAR-NARS sponsored training Programme on <i>“Data Analysis Using SAS”</i> from 16/07/2012 to 21/07/2012 (06 days) at Dairy Economics, Statistics and Management Division, ICAR-National Dairy Research Institute, Karnal	SAS Operation
2012	Ministry of Agriculture, GOI sponsored Capacity Building Training Programme on <i>“Enhancing the Competitiveness of Agricultural/Dairy Exports from Haryana”</i> from 14/03/2012 to 16/03/2012 (03 days) organised by DES&M Division, ICAR-NDRI and IIFT, New Delhi.	Trade Quantification
2007	Department of Youth Services, Govt. of West Bengal sponsored <i>“Diploma in Information Technology Applications”</i> from July 2006 to June 2007 (12 months) at Bolpur Youth Computer Training Centre, Government of West Bengal.	Information Technology Applications

Dissertation Projects Handled:

Ph.D. dissertation project on ***“Quantitative Assessment of Gains from Indian Dairy Trade and Economic Partnership Agreement with Asian Countries”*** (Accredited with “Appreciation Certificate” from ICAR-NDRI for outstanding contribution in the field of Social Science & Management)

One-year Research Project for partial fulfilment of M.Sc. degree. Thesis entitled ***“Economic Efficiency of Milk Production at Farm Level in Old Alluvial Agro-Climatic Zone of West-Bengal”*** (Selected as Best Thesis of Dairy Management group in ICAR-NDRI)

Externally Funded Projects:

Title of the Project	Duration	Sponsor and Budget	Assignment
Status, Enablers and Impact of Digital Interventions in Hill Agro-Ecosystem	2024-2025	Indian Council of Social Science Research, New Delhi Budget: Rs. 22Lakhs.	Principal Investigator (Project Director)
Developing Simulation Model of Technology Diffusion (TechSIM), Adoption and Impact for Forecasting using Techno-Socio-Psycho-Economic-Ecological Factors	2024-2027	ICAR-NASF, Rs. 12.50lakh	As External Member
Village Survey Study (in West Bengal)	2019-2020	Ministry of Agriculture and Farmers' Welfare, Government of India, Stationed at AERC, Visva Bharati	As External Member
Study of Functioning of DBT at Retail Points (West Bengal)	2019-2020	Ministry of Agriculture and Farmers' Welfare, Government of India, Stationed at AERC, Visva Bharati	As External Member
Assessment of Feed and Fodder in West Bengal	2019-2020	Ministry of Agriculture and Farmers' Welfare, Government of India, Stationed at AERC, Visva Bharati	As External Member
Performance Evaluation of Pradhan Mantri Fasal Bima Yojana in West Bengal	2017-2018	Ministry of Agriculture and Farmers' Welfare, Government of India, Stationed at AERC, Visva Bharati	As External Member
Vulnerability to Climate Change in Eastern India: Livelihood Sensitivity, Adaptation and Institutional Analyses in the Context of Extension Interventions (under Extramural Research Project of ICAR)	2016 - 2017	ICAR Rs. 11.40 lakh	As Co-PI
Network Project on Market Intelligence	2015-2016	ICAR-NIAP Rs. 12.45 lakh	As Co-PI
Value Chain Analysis for Enhancing the Performance of Animal Feeds Industry in	2014-2014	NABARD Rs. 9.5 Lakh	As Co-PI

Diverse Dairy Production Environments			
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Academic Accolades/Fellowships/Others Recognitions:

2025:

1. Conferred with *Associateship* of ‘*Academy for Advancement of Agricultural Sciences*’ on September 18-19, 2025, during the National Conference on “*Transformative Approaches and Smart Technology in Plant & Animal Health for Sustainable & Climate-Ready Agriculture*” at Palli Siksha Bhavana, Visva-Bharati
2. Published opinion article titled “*Still very far from the milky way*” in ‘*The Economic Times*’ on 14th of May, 2025
3. *Awarded a Patent on design of “Solar powered drip irrigation system” on 23/04/2025 from The Patent Office, Government of India*
4. “*Organising Secretary*” of the National Conference on “*Digital Interventions & Sustainable Livelihoods in Hill-Ecosystem: Towards Vision Viksit Bharat@2047*” held on January 10-11, 2025, at Department of Agricultural Economics, Palli Siksha Bhavana, Visva-Bharati.

2024:

5. Awarded with prestigious “**Young Scientist Award**” for Outstanding Contribution in the field of ‘Teaching’, ‘Research’ and ‘Extension’ from “**Agricultural Economics Research Association, New Delhi**” during March 1-2, 2024, at Palli Siksha Bhavana, Visva-Bharati, Sriniketan.
6. “*Organising Secretary*” of the National Seminar on “*Sustainable Agriculture, Rural Development and Future Food Security in India: An Interdisciplinary Approach*” held on March 01-02, 2024 at Department of Agricultural Economics, Palli Siksha Bhavana, Visva-Bharati.

2023:

7. Awarded with prestigious “**N.A. Majumdar Prize Award**” for Best Paper Presented in the 83rd Annual Conference of “**Indian Society of Agricultural Economics**” held at Bhubaneswar, during December 18-20, 2023.

2022:

1. Awarded ‘**Best Oral Presentation Award**’ in *National Seminar on “Converging Agribusiness Acumen for Growth, Profitability and Sustainability through Agripreneurs & Agri start-ups (CAGSAS-2022)”* on 25th to 26th November 2022 at Bihar Agricultural University, Sabour

2021:

1. Chair of Technical session in the prestigious “**International Conference of Agricultural Economists**” organized by ‘*International Association of Agricultural Economists*’ from August 17-31, 2021.

2020:

1. **“Joint Organizing Secretary”** of the *Global Conference on ‘Emerging Agricultural Research to Endure the Predicament of COVID-19 Pandemic’* held on December 12-13, 2020 at Kazi Nazrul University, Paschim Bardhaman, West Bengal, India.

2019:

2. Awarded with **“Young Scientist Award”** for the outstanding contribution in the field of Agriculture and Allied by “Dr. Ram Avatar Shiksha Samiti” on 12th July, 2019 at Lucknow University, Lucknow, Uttar Pradesh.

2018:

3. Awarded with **“Best Young Scientist National Award”** for the outstanding excellence and remarkable achievements in the field of ‘Teaching’, ‘Research’ and ‘Extension’ by “Innovative Research Developers & Publishers” group of Journals on 30th May, 2018 at Chennai.
4. **Organizing Secretary**, “National Workshop on “Research Methodology Using Statistical Tools, Techniques and Packages” Organized by; Department of Agricultural Economics & Agricultural Statistics, Institute of Agriculture (Palli Siksha Bhavana), Visva Bharati, Sriniketan, West Bengal 731236. Held during March 16-22, 2018

2017:

1. Awarded with **“Best Paper Award”** in the 8th National Seminar on “Potential, Prospects and Strategies for Doubling Farmers’ Income: Multi-Stakeholder Convergence” of ***“Society for Community Mobilization for Sustainable Development (MOBILIZATION)”***, New Delhi at College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati on November 9-11, 2017

2016:

1. Awarded with **“Best Research Paper Award”** at the International Conference on “Climate Change, Adaptation and Biodiversity: Ecological Sustainability and Resource Management for Livelihood Security” of ***“Andaman Science Association, Port Blair”***, Andaman at ICAR-Central Island Agricultural Research Institute, Port Blair on December 8-10, 2016
2. **Co-Chairman** of the technical Session in the National Conference on “Self Sufficiency in Pulses: Challenges and Way Forward” held at Visva Bharati during 19-20 November, 2016
3. **Treasurer**, National seminar on “Nutrition & Wellness” organised by “The Physical Education Unit”, Visva Bharati during 7-8 November, 2016
4. **Treasurer**, National seminar on “Sustainable Family Farming for Food, Nutritional and Livelihood Security” held at Palli Siksha Bhavana, Visva Bharati during 5-6 March, 2016

2015:

1. Awarded with “**Appreciation Certificate for Outstanding Contribution in Research Work (Ph.D Programme)**” in recognition for Ph.D. Dissertation work, at ICAR-National Dairy Research Institute, Karnal on 14th February, 2015

2014:

1. **Joint Organizing Secretary**, National Conference on “Inference for Stochastic Process – Recent Trends & Ideas” Organized by Department of Agricultural Extension, Agricultural Economics and Agricultural Statistics, During February 21-22, 2014.

Before 2012:

1. Awarded with “**The Best Thesis Award for Outstanding Research Work (Master’s Degree Programme)**” in recognition for Master’s Dissertation work. **(Award Presented by His Excellency Dr. A.P.J. Abdul Kalam)**
2. Successfully qualified for **ICAR-NET 2011**
3. Successfully qualified for **‘DST-INSPIRE’ Junior Research Fellowship** provided by Department of Science & Technology, Government of India
4. Successfully qualified for **‘DST-INSPIRE’ Senior Research Fellowship** provided by Department of Science & Technology, Government of India
5. Successfully qualified for **‘ICAR-SRF’** from ICAR, Government of India
6. **Topper** during the Master’s Degree Programme (M.Sc. in Dairy Economics).
7. **Topper** of Ph.D. Entrance examination of NDRI for the session 2009-10.
8. Selected as the member of “**Board of Studies (BOS)**” of NDRI in the period of 2008-09.
9. Selected as **Student Reviewer for two e-learning courses** ‘Marketing Management and International Trade’ and ‘Operations Research’
10. Selected as “**President of DESM Student Society, NDRI**” for the tenure 2009-10.
11. Selected as “**Student Representative”, Placement cell (Dairy Management Group), NDRI** for the tenure 2009-10.

Administrative Responsibilities:

1. **Deputy Proctor**; Visva Bharati (A central University) Serving since 14th December, 2021
2. **In-Charge**; Under Graduate Computer Laboratory, Palli Siksha Bhavana, Visva Bharati (from 2012 & till continuing)
3. **In-Charge**; Post-Graduate Computing Laboratory, Department of Agricultural Economics and erstwhile department of E.E.S., Palli Siksha Bhavana, Visva Bharati (from 2012 & till continuing)

4. **Member;** ‘Purchase Committee’ Department of Agricultural Economics and erstwhile department of E.E.S., Palli Siksha Bhavana, Visva Bharati (from 2013 & till continuing)
5. **Member;** ‘Board of Studies’ of Department of Agricultural Economics and erstwhile department of E.E.S., Palli Siksha Bhavana, Visva Bharati (from November 2012 & till continuing)
6. **Member;** ‘ Joint Board of Studies’ of Palli Siksha Bhavana, Visva Bharati (from November 2012 & till continuing)

Computer Skills:

MS-Office, R, R-Studio, STATA, E-Views, SPSS, SAS, SYSTAT, Visual Basic (v6.0), Arc GIS with advanced use of MS-Excel,

Membership & Other Editorial Contributions:

Life Member:

1. Agricultural & Applied Economics Association (AAEA), Washington, USA
2. Agricultural Economics Research Association (AERA), New Delhi, India
3. International Journal of Bio Resource & Stress Management, India
4. Society of Bio Resource, Environment and Agricultural Science, India

Editorial Board Member:

1. Economic Affairs
2. International Journal of Bio Resource & Stress Management
3. International Journal of Bio-Resource, Environment & Agricultural Sciences
4. Amity Journal of Agri-Business

Reviewer:

1. Economic Affairs
2. International Journal of Bio Resource & Stress Management
3. International Journal of Bio-Resource, Environment & Agricultural Sciences
4. Amity Journal of Agri-Business

Contribution in Teaching Research & Extension:

Teaching:

Activities involved are Course Development; Student Guidance; Regular Class & Extra Classes beyond official hours.

Teaching philosophy: Prepare-Practice-Up-to-date inclusion- Interaction

Research:

All the research studies are focused to quantifying the impacts of different economic policies to the target population and providing effective strategic interventions thereof.

Extension/Outreach:

- Actively involved in RAWE Programme
- Organized National Seminar/Workshops on emerging issues in Agriculture and allied disciplines
- Participating as guest lecturer in ‘Prime Minister’s Employment Generation Programme (PMEGP)’ and providing training to the rural youth for successful business start-up.
- Providing training and skill development lectures in different farmers meet/agricultural fairs organized by Government of West Bengal
- Delivered invited talks in ‘Doordarshan’ and ‘All India Radio’ on contemporary topics related to agriculture and rural development from time to time

Summary of Publications (till Jan 2026):

	Books	Journals	Book Chapters	Reports/Monographs / Policy Papers etc.	Total
National	06	27	05	04	42
International	01	06	01	00	08
Total	07	33	06	04	50

List of Publications:

Research Papers:

Published:

2026:

Mishra, S., Mondal, B., Arti, & Roy, B. C. (2026). How integrated are India’s coarse cereal markets? Evidence from jowar price linkages. *Journal of Scientific Research and Reports*, 32(1), 55–71. <https://doi.org/10.9734/jsrr/2026/v32i1387> [NAAS Score: 5.17]

2025:

Pandey, D. K., Ghosh, S., Mondal, B., Kumari, K., & Singh, R. K. (2025). National-scale assessment of community forestry and NTFPs in India: A synthesis of spatial patterns, livelihood dependence, and governance pathways. *Current Forestry Reports*, 11, Article 27. <https://doi.org/10.1007/s40725-025-00263-7> [Impact Factor: 7.2; NAAS Score: 13.2]

Gorain, S., Mondal, B., Thakur, A., & Roy, B. C. (2025). Beyond economics: a social cost-benefit assessment of happy seeder adoption in the rice-wheat systems of India’s trans-gangetic plain. *Discover Sustainability*, 6(1), 1-23. [NAAS Score: 9.00]

Gorain, S., Mondal, B., Arti, & Roy, B. C. (2025). Assessing ecosystem services and environmental benefits of happy seeder technology: evidence from the trans-gangetic plain of India. *Discover Agriculture*, 3(1), 183.

Kanwal, V., Mondal, B., Arti & Singh, J. (2025). How do marketing channel choices affect the welfare of paddy growers in Punjab and Haryana. *Current Science (00113891)*, 128(6).

[NAAS Score: 7.10]

Mishra, S., Mondal, B., Arti, & Roy, B. C. (2025). Market Integration and Price Transmission in India's Major Paddy Markets: An Econometric Introspection. *Journal of Experimental Agriculture International*, 47(3), 45–59. <https://doi.org/10.9734/jeai/2025/v47i33315>

[NAAS Score: 5.14]

2024:

Sarkar, A., Yeasin, M., Paul, R. K., Mandal, B., Arti, Singh, A. K., & Paul, A. K. (2024). Intuitionistic fuzzy based machine learning models for prediction of the oilseed prices. *Economic Affairs*, 69(4), 1671–1681. <https://doi.org/10.46852/0424-2513.5.2024.17>

[NAAS Score: 5.45]

Arti, Chauhan, A. K., Dixit, A. K., Rai, C. K., & Mondal, B. (2024). Profitability and economic viability of commercial dairy farms in Trans-Gangetic plains of India. *Indian Journal of Dairy Science*, 77(3), 275–281.

[NAAS Score: 6.20]

2023:

Nandi, D., Sarkar, D., Mondal, B., Arti, & Gorain, S. (2023). The Role of Forestry Income in Reducing Poverty and Inequality Among the Baiga Tribes in Achanakmar Wildlife Sanctuary in Chhattisgarh. 2023. *Indian Journal of Agricultural Economics*. 78(3). 379-399.

[NAAS Score: 5.66]

Arti, Chauhan, A. K., Dixit, A. K., Mondal, B., & Rai, C. K. (2023). Capturing Economic Incentives through Innovations: An analysis of Commercial Dairy Farms in Trans-Gangetic Plains in India. *Journal of Community Mobilization and Sustainable Development*. 2023. 18(3). 713-717.

[NAAS Score: 5.02]

Mishra, P., Arti, Mondal, B., Sharma, R., Kumari, B., Biswas, T. and Ray, S. (2023). Forecasting of Arecanut in India using Time Series Model. *Agricultural Science Digest*. DOI: 10.18805/ag.D-5764.

[NAAS Score: 5.52]

2022:

Paul, D., Mondal, B., Arti & Roy, B. C. (2022). Beyond production: how can diversification enhance farm income in the North-Eastern region of India?. *Agricultural Economics Research Review*, 35(conf), 123-133.

[NAAS Score: 5.45]

Singh, K.J., Sarkar, D. and Mondal, B. (2022). Study on Economics of Pineapple Cultivation in Manipur, India. *Econ. Aff.*, 67(05): 833-837.

[NAAS Score: 5.45]

Bitan Mondal, Arti* & Bidhan Chandra Roy. Market Integration and the Law of One Price: An Exploration of the Major Onion Markets of India. *Scientist*. 2022. 1(3). 2678-2692.

DOI: <https://doi.org/10.5281/zenodo.7342359>

[NAAS Score: 7.80]

Mondal, B., Arti, & Gorain, S. (2022). Agricultural Current Affairs. *Food and Scientific Reports*, 3(12):1-7

2021:

Mondal, B., Thakur, A., & Sirohi, S. (2021, August). Feeding Compound Cattle Feed: How Economical for Smallholder Dairy Producers in India?. In 2021 Conference, August 17-31, 2021, Virtual (No. 315380). **International Association of Agricultural Economists**.

Mondal, S., Choudhary, V. K., & Mondal, B. (2021). A study on the growth, status and distribution of farmer producer organisations in West Bengal. *The Pharma Innovation Journal*, SP-10(12): 1503-1509. DOI: <https://doi.org/10.22271/tpi.2021.v10.i12Su.9760>

[NAAS Score: 5.23]

Roy, B.C., Mondal, B., Majumdar, D., Biswas, R.K., & Roy, A. . (2021). Assessment of Livestock Feed and Fodder in the State of West Bengal. *Agricultural Situation in India*, LXXVIII (3), 36-40.

[NAAS Score: 3.15]

2020:

Mondal, B., & Sarkar, D. (2020). Food Consumption Expenditure in Farm Households: Evidence from West Bengal and Jharkhand. *Social Work Chronicle*, 9(1), 26.

Roy, B.C., Mondal, B., Ojha, S., Biswas, R.K., and Dutta, V. (2020). Performance Evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in West Bengal. *Agricultural Situation in India*, LXXVI(10), 47-49.

[NAAS Score: 3.15]

2019:

Das, U., Ghosh, S., & Mondal, B. (2019). Resilience of agriculture in a climatically vulnerable state of India. *Theoretical and Applied Climatology*, 1-17. <https://doi.org/10.1007/s00704-019-03061-x>

[Impact factor: 2.720, NAAS Score: 9.40]

Ghosh, S., Kolady, D. E., Das, U., Gorain, S., Srivastava, S. K., & Mondal, B. (2019). Spatio-temporal variations in effects of participatory irrigation management (PIM) reform in India: A panel data analysis. *Agricultural Water Management*, 222, 48-61.

[Impact factor: 3.542, NAAS Score: 12.70]

2018:

Mondal, B., & Sirohi, S. (2018). Varietal growth and gains from trade in Indian dairy imports: a quantitative introspection. *Agricultural Economics Research Review*, 31(2), 197–206.

[NAAS Score: 5.15]

Ghosh, S., Das, U., Mahato, K., & Mondal, B. (2018). Impact of Climate Change: Vulnerability and Adaptation of Farm Households. In: Souvenir and Abstracts of the ISEE National Seminar on “Integrated Farming System for Enhancing Farmers’ Income and Nutritional Security. West Bengal University of Animal and Fishery Sciences, Kolkata, December 5-7, 2018.

[Lead Paper]

Prakash, J., Roy, B.C., & Mondal, B. (2018). Growth and instability of maize (zea maize) in Singhbhum region of Jharkhand. *Multilogic in Science*, VIII(C), 242-245. [NAAS Score: 4.17]

2017;

Ghosh, S., Gorain, S., & Mondal, B. (2017). SPATIO-Temporal Variations and Links between Irrigation and Agricultural Development in an Eastern Indian State. *Irrigation and Drainage*; 66(5), 784-796. [ISSN 1531-0361]

[Impact factor: 0.707, NAAS Score: 7.90]

Ghosh, S., Mahato, K., Gorain, S., Das, U., & Mondal, B. (2017). Resilience of Agriculture reducing Vulnerability to Climate Change in West Bengal. *Current Advances in Agricultural Sciences*. 9(2), 170-177. [ISSN: 0975-2315]

[NAAS Score: 4.73]

2016;

Mondal, B., & Sirohi, S. (2016). Impact of ASEAN-India free trade agreement on Indian dairy trade: A simulation analysis. *Economic Affairs*; 61(3), 461-472. [ISSN 0424-2513]

[NAAS Score: 5.45]

2015;

Mondal, B., & Sirohi, S. (2015). Capitalizing Gains from Dairy Trade: Excavating the Market Potential. *Economic Affairs*, 60(4), 637-647. [ISSN 0424-2513] [NAAS Score: 5.45]

Zadeh, M.N., Mondal, B. Saxena, R. and Sirohi, S. (2015) 'Trade Destinations of Livestock Products and Inputs from Iran' *International Journal of Research in Social Sciences*, 15, (1): 296-315. [ISSN 2249-2496]

Zadeh, M.N., Mondal, B. Saxena, R. and Sirohi, S. (2015) 'Compositional Changes in Iranian Trade Basket of Livestock Sector' *International Journal of Research in Commerce, Economics and management*, 5, (1): 37-42. [ISSN 2231-4245]

Zadeh, M.N., Mondal, B. Saxena, R. and Sirohi, S. (2015). 'Nature of Livestock Products in Iranian Trade Basket' in *International Journal of Bio-Resource, Environment & Agricultural Sciences*, 1,(2):21-31. [ISSN 2423-3551]

2013;

Zadeh, M.N., Mondal, B. Saxena, R. and Sirohi, S. (2013) 'Strengthening Bilateral Trade Relations between India and Iran: Opportunities in Livestock Sector' *Journal of Resources, Energy, and Development*, 10, (1): 39-50. [ISSN 0975-7554]

Nag, A., Mondal, B., Singh, R., and Barman. R. Roy. (2013) 'Factors Responsible for Rice Cultivation Technology Use in Burdwan District of West Bengal' *Indian Journal of Agricultural Research*, 47,(4): 329-334. [ISSN 0367-8245]

[NAAS Score: 4.86]

2012:

Ghosh, S., Mondal, B. and Nag, A. (2012) Estimation of technical efficiency of kharif rice producers: A case study from Birbhum district of West-Bengal. *Environment and Ecology*, **30**(3C): 1171-1176 [ISSN 0970-0420]

[NAAS Score: 4.18]

2011:

Singh, S.K., Agarwal, S.B., Singh, R. and Mondal, B. (2011) Economic analysis of milk production and disposal pattern of milk in Varanasi district of Uttar Pradesh. *Indian Journal of Dairy Science*, **64**(2): 142-147. [ISSN 0019-5146]

[NAAS Score: 5.26]

Policy Papers:

1. Sirohi, S., Mondal, B. and Tyagi, A.K. (2019). Value Chain Analysis of Compound Cattle Feed: Upgradation Strategy for the Growth of Dairy Sector. Policy paper 1, ICAR-National Dairy Research Institute, Karnal, Haryana, India.

Books:

2025:

Mondal, Bitan, Arti, Gorain, S., Roy, B. C., Sarkar, D., Roy, A. and Mohanty, S. (Eds.) (2025). editors. Digital Interventions & Sustainable Livelihoods in Hill Ecosystem: Towards Vision Viksit Bharat@2047 – Book of Abstracts. Department of Agricultural Economics, Palli-Siksha Bhavana, Visva-Bharati, Sriniketan, in collaboration with Indian Council of Social Science Research (ICSSR), New Delhi, New Delhi Publishers, 2025. ISBN: 978-93-48120-11-3.

2024:

Mondal, B., Arti, Gorain, S., Roy, B. C., and Sarkar, D. (Eds.). (2024). Book of Abstracts of National Seminar on Sustainable Agriculture, Rural Development and Future Food Security in India: An Interdisciplinary Approach. Agricultural Economics and Social Science Research Association, Visva-Bharati, West Bengal. ISBN: 978-81-96887-06-

2020:

Panda, C K, Mandal, N., Dey A., Roy Choudhury, Barman, K., Dutta, S.K., Sharma, S., Goswami, T., Ragesh, G., Jayasekera, S., Mondal, B., Paul, R, K., Sarkar, D. & Risko, T.C. (2020). Book of Abstracts-cum-Souvenir: Global Conference on Emerging Agricultural Research to Endure the Predicament of COVID-19 Pandemic. New Delhi: New Delhi Publishers, New Delhi

2018:

Mondal, B., Mondal, B., Bhattacharya, I., Mondal, P., Bhattacharya, S., Nath, R., ... Chatterjee, H. (2018). *Livelihood Promotion, Bio-diversity Conservation and Social Security in Indian Sunderbans* (First). Sriniketan: New Delhi Publishers. (ISBN NO: 978-93-86453-97-6)

2016:

Bitan Mondal et.al., “Family Farming; Challenges and Opportunities”. Renu Publishers, Delhi (2016). (ISBN NO: 978-93-85502-22-4)

Bitan Mondal et.al., “Synoptic View of Sustainable Family Farming for Food Nutritional and Livelihood Security”. New Delhi Publishers, Delhi (2016). (ISBN NO: 978-93-85503-32-0)

Bitan Mondal et.al., “Trailing the Footprints of Nutrition and Wellness; Entrapping Foothold of Healthy Nation”. (2016) Anand Prakashan Kolkata. (ISBN No: 978-81-88904-88-4)

Bitan Mondal et.al., “Capturing Bliss Through Nutrition & Wellness: A Synoptic View”. (2016) Anand Prakashan Kolkata. (ISBN No: 978-81-88904-87-7)

2012:

Bitan Mondal & B.S. Chandel. “Economic Efficiency of Milk Production in Eastern India; A Quantitative approach”. Lambert Academic Publishing, Germany (2012). (ISBN No: 978-3-659-21159-1)

Book Chapters:

2025:

Arti, Mondal, B. M., Kishore, P., & Roy, B. C. (2025). *The social responsibility of business in the Indian dairy industry*. In S. Kumar, D. C. Meena, S. Bhattacharyya, & A. Thakur (Eds.), *Dairy entrepreneurship development and industrial consultancy* (pp. 233–248). Content Vibes. ISBN: 978-93-67550-78-6 (Print); 978-93-67559-34-5 (eBook)

Mondal, B. M., Arti, Kishore, P., & Roy, B. C. (2025). *Dairy plant management system: Milk procurement from the rural milk producer, milk processing and products manufacturing*. In S. Kumar, D. C. Meena, S. Bhattacharyya, & A. Thakur (Eds.), *Dairy entrepreneurship development and industrial consultancy* (pp. 129–152). Content Vibes. ISBN: 978-93-67550-78-6 (Print); 978-93-67559-34-5 (eBook)

Arti, Mondal, B. M., Kishore, P., & Roy, B. C. (2025). *Overview of dairy inputs industry characteristics of Indian dairy processing and export industry*. In S. Kumar, D. C. Meena, S. Bhattacharyya, & A. Thakur (Eds.), *Dairy entrepreneurship development and industrial consultancy* (pp. 115–128). Content Vibes. ISBN: 978-93-67550-78-6 (Print); 978-93-67559-34-5 (eBook)

2017:

Sirohi S., Chandel B.S., Mondal B., Kumar S., Chowdhury S., Mahawar D.K. (2017) Strengthening Value Chain of Compound Cattle Feed. In: Mani G., Joshi P., Ashok M. (eds) Financing Agriculture Value Chains in India. India Studies in Business and Economics. **Springer, Singapore (ISBN NO: 978-981-10-5957-5)**

2016:

Mondal, B. & Sirohi, S. (2016) 'Performance of Indian dairy industry under varying policy regime: Implications for smallholder family farmers' in "Family Farming; Challenges & Opportunities" **Renu Publishers (India)** pp: 198-208 **(ISBN NO: 978-93-85502-22-4)**

2014:

Mondal, B. & Sirohi, S. (2014) '*Impact of ASEAN-India Free Trade Agreement on Indian Dairy Imports: A Simulation Exercise*' in "*Agribusiness Potentials in India; Experiences from hill states*" **EBH Publishers (India)** pp: 571-581 **[ISBN No: 978-93-83252-21-3]**

Reports/Monographs/Project Reports:

2018:

Roy, B. C.; Mondal, B.; Ojha, S.; Biswas, R. K. and Datta, V. (2018). Performance Evaluation of Pradhan Mantri Fasal Bima Yojana (PMFBY) in West Bengal; Study No.- 188, Agro-Economic Research Centre (For the States of West Bengal, Sikkim and Andaman & Nicobar Islands), Visva-Bharati, Santiniketan, West Bengal, pp.-xii+83.

2017:

Majumder, D.; Biswas, R. K.; Mondal, B.; and Sinha, A. (2017). Assessment of the Status of Dairying and Potential to Improve Socio-Economic Status of the Milk Producers in West Bengal; Study No.- 187, Agro-Economic Research Centre, Visva-Bharati, Santiniketan, West Bengal, pp.-xxiv+139

2016:

Sirohi, S.; Chandel, B.S.; Mondal, B.;. (2016). Value Chain Analysis for Enhancing the Performance of Animal Feeds Industry in Diverse Dairy Production Environments; Study undertaken with the financial support from National Bank for Agricultural and Rural Development (NABARD) at Dairy Economics, Statistics and Management Division, National Dairy Research Institute, Karnal.

Abstracts:

Mondal, B., Sirohi, S. and Nag, A. Emerging Agribusiness Opportunities for Indian Dairy Products in Asian Countries. In: *Proceedings of Golden Jubilee seminar on Advances in Agricultural Research Towards Food Security and Environmental Sustenance*, Santiniketan, 1-3 September, 2012.

Sirohi, S. and Mondal, B. Global Business Opportunities in Functional Dairy Foods. In: *Proceedings of International Conference on Functional Dairy Foods*, Karnal, 16-19 November, 2011

Maiti, S. Jha, S.K., Mondal, B., Garai, S. and Feroze, S.M. A Framework to Assess the Livelihood of Dairy-Based Livelihood Security in Backward Regions of India. In: *Proceedings of 39th Dairy Industry Conference*, Kolkata, 4-6 February, 2011

Mondal, B., Chandel, B.S., Singh, S.R. and Layek, S.S. Economic Efficiency of Buffalo Milk Production: A Case Study from West Bengal. In: *Proceedings of International Buffalo conference on Optimizing Buffalo Productivity through Conventional and Novel Technologies*, New Delhi, 1-4 February, 2010.

Singh, S.R., Datta, K.K. and Mondal, B. Estimation of Cost of Production of Milk Based on Field Survey in Hisar District of Haryana. In: *Proceedings of International Buffalo conference on Optimizing Buffalo Productivity through Conventional and Novel Technologies*, New Delhi, 1-4 February, 2010.

Mondal, B. *etal.* Adoption of New Farm Technologies: Myth and Reality. In: *Proceedings of National Seminar on Adoption of Agro-Technologies and Social Change in Farming Community – Impact Assessment*, Sriniketan, 2-4 Februray, 2007

Popular Articles:

Thorat, V. and Mondal, B. ***Measurement of Economic Progress: Does Traditional GDP Really Add Up.*** *Yojana*, May 2012 pp 49-51.

Mondal, B., Nag, A., Thorat, V. and Chakravarty, D. ***Organic Farming in India: A futuristic Outlook.*** *Livestock Line*, December 2012 pp 12-16

Attended Seminars/Oral Presentations made:

2025:

Attended one day seminar on Higher Education at the crossroads organized by **Internal Quality Assurance Cell (IQAC)**, Visva-Bharati, Santiniketan on 19th March, 2025.

2024:

Presented paper on “*The Role of Cooperatives in Livestock Marketing: Insights from Nsso's Situational Assessment Surveys*” at the **32nd International Conference of Agricultural Economists (ICAE)** that was held 2-7 August 2024 in New Delhi,

2022:

1. Presented a paper on “*Wicked Constraints perceived by different stakeholders in the value chain in Trans-Gangetic Plains of India*” in the **National Seminar** on Converging Agribusiness Acumen for Growth, Profitability and Sustainability through Agripreneurs and Agri Start-ups held at the BAU, Sabour, during 25-26 November 2022.

2021:

1. Presented a paper on “*Market Integration and the Law of One Price: An Exploration of the Major Onion Markets of India*” in the 29th **Annual Conference of Agricultural Economics Research Association**, held at the OUAT, Bhubaneswar during 27-29 October, 2021.

2017:

1. “*Resilience of Agriculture to Reducing Vulnerability to Climate Change: Key to Increasing Farmers Income and Farm Production*” in the **ISEE National Seminar-2017** on ‘Doubling Farmers’ Income and Farm Production through Skill Development and Technology Application’ held at Bihar Agricultural University, Sabour, Bhagalpur, Bihar during November 28-30, 2017.
2. “*How Participatory Irrigation Management (PIM) Reform Influence Crop Production Scenario in India: A panel Data Analysis*” in the **8th National Seminar** on ‘Potential, Prospects and Strategies for Doubling Farmers’ Income: Multi-Stakeholder Convergence’ organized by ‘Society for Community Mobilization for Sustainable Development (MOBILIZATION)’, New Delhi in Collaboration with Assam Agricultural University, Jorhat and ICAR-ATARI, Guwahati at College of Veterinary Science, Assam Agricultural University Khanpara, Guwahati during November 9-11, 2017.

2016:

1. “*Improving Adaptive Capacity and Resilience to Climate Change of Agriculture in Changing Climate Scenario in west Bengal*” in the **International Conference** on ‘Climate Change Adaptation and Biodiversity: Ecological Sustainability and Resource Management for Livelihood Security’ on December 8-10, 2016.
2. “*Performance of Indian Dairy Industry under Varying Policy Regime: implications for Smallholder Dairy Farmers*” in the **National Seminar** on ‘Sustainable Family Farming for Food, Nutritional and Livelihood Security’ organized by Department of Agricultural Extension, Agricultural Economics and Agricultural Statistics (EES), Institute of Agriculture (Palli Siksha Bhavana), Visva Bharati at Palli Siksha Bhavana, Visva Bharati, Sriniketan during March 5-6, 2016.

2015:

1. *"Diversification in Indian Dairy Exports; Harnessing the Market Potential"* in the **National Seminar** on ' Health Care, Women Empowerment and Rural Development in India' organized by A.K. Dasgupta Centre of Planning and Development (Funded by NITI Aayog, Delhi), Department of Economics and Political Science, Visva Bharati Santiniketan during November 20-21, 2015.

2013:

1. "Impacts of ASEAN-India Free Trade Agreement on Indian Dairy Imports: A Simulation Exercise" in the **National Seminar** on ' Agri-Business Potentials for North Eastern States' organized by College of Post Graduate Studies, Central Agricultural University in Collaboration with Indian Society of Agricultural Marketing at CPGS, CAU, Imphal during November 8-9, 2013.

2012 & Before:

1. *"Indian Dairy Trade: Issues and Challenges"*. Presented at **XL- Dairy Industry Conference** 3-5 February 2012, New Delhi.
2. *"Global Business Opportunities in Functional Dairy Foods"*. Presented at '**International Conference on Functional Dairy Foods**', 16-19 November, 2011, NDRI, Karnal.
3. *"Harnessing Market Opportunities for Trading Indian Dairy Products: Prospects and Challenges"*. Presented at **National Seminar on 'WTO issues; Perspectives and Challenges'**, 5-7 July, 2011, IIFT, Delhi.
4. *"A Framework to Assess the Sustainability of Dairy Based Livelihood Security in the Backward Regions of India"*. Presented at **39th Dairy Industry Conference**, 4-6 February 2011, Kolkata.
5. *"Economic Efficiency of Buffalo Milk Production: A Case Study from West Bengal"*. Presented at **International Buffalo Conference** 1-4 February 2010, New Delhi.

Declaration:

All the information mentioned above are true to the best of my knowledge.

Dated: 5th February, 2026.

