

Curriculum Vitae

MR. BHASKAR GHOSH

Scientist-B

SEEM Division

CMER&TI, Lahdoigarh

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1. Personal Information

Date of Birth: 22 March 1998

Gender: Male

Category: General

Nationality: Indian

Home State: West Bengal

2. Academic Qualifications

Ph.D. (Ongoing) – Agricultural Extension, ICAR-IARI, New Delhi

M.Sc. (Agricultural Extension), ICAR-IARI, New Delhi, 2022 | OGPA: 8.95/10 | First Division

Thesis: Role of Direct Benefit Transfer (DBT) Mechanism in Enhancing Livelihood of Small and Marginal Farmers with reference to PM-KISAN

B.Sc. (Agriculture Hons.), Visva-Bharati University, 2020 | OGPA: 8.43/10 | First Class

ISC (Class XII), 2016 with 93.66%

ICSE (Class X), 2014 with 92%

3. National Eligibility & Fellowships

UGC-NET JRF (2020-21) – Qualified for Assistant Professor & Junior Research Fellowship

ICAR SRF scholarship for admission to PhD. (2022)

ICAR PG scholarship for admission to M.Sc (2020)

4. Publications

Research:

1. **Ghosh, B.**, Burman, R., Padaria, R., Paul, S., Mahra, G., Kumar, P., Bhowmik, A., Mallick, S., Saini, S., Gorai, S. K., Mukherjee, S., & Quader, S. (2024). Performance of cash transfer program on farmers' livelihood: Evidence from PM-KISAN scheme of India. *Frontiers in Sustainable Food Systems*, 8, Article 1478795. <https://doi.org/10.3389/fsufs.2024.1478795> (IF: 3.10)
2. **Ghosh, B.**, Burman, R. R., Padaria, R. N., Paul, S., & others. (2023). Effectiveness of cash transfer under the PM-Kisan scheme of Government of India in benefitting small and marginal farmers. *Journal of Community Mobilization and Sustainable Development*, 18(1). (NAAS: 5.02)
3. **Ghosh, B.**, & others. (2024). Assessing the operational constraints of direct benefit transfers: An empirical investigation of PM-KISAN. *Journal of Experimental Agriculture International*, 46(9). (NAAS: 5.14)
4. **Ghosh, B.**, Burman, R. R., & Padaria, R. N. (2025). SWOT–Analytic Hierarchy Process (AHP) of direct benefit transfer: A reference to the PM-KISAN scheme. *Journal of Community Mobilization and Sustainable Development*, 19(4). (NAAS: 5.02)
5. Jahan, N., Padaria, R., Aiswarya, S., Muralikrishnan, L., Sahu, S., Vashisth, A., Shekhar, D., Priyadarshni, P., **Ghosh, B.**, Mukherjee, S., Ranjan, A., Shravani, K., & Pundir, S. (2026). Climate risk communication and farmers' adaptive behaviour in the Indo-Gangetic Plains: Insights from the stimulus–organism–response (S-O-R) framework. *Environmental and Sustainability Indicators*. (IF: 5.60)
6. Mukherjee, S., Padaria, R., Roy Burman, R., Praveen, K. V., Mahra, G., Aditya, K., Sahu, S., Saini, S., Mallick, S., Quader, S., Shravani, K., **Ghosh, B.**, & Bhat, A. (2025). Global trends in ICT-based extension and advisory services in agriculture: A bibliometric analysis. *Frontiers in Sustainable Food Systems*, 9. <https://doi.org/10.3389/fsufs.2025.1430336> (IF: 3.10)
7. Pundir, S., Padaria, R. N., S. A., Singh, R., Mahra, G. S., Bishnoi, S., **Ghosh, B.**, Yeasin, M., K. V. P., Rakshit, S., Priyadarshani, P., Gorai, S. K., Yadav, P., Mukherjee, S., Ranjan, A., Shravani, K., Jahan, N., & Bishnoi, S. K. (2025). Exploring the socio-psychological drivers of climate adaptation among rural women in Uttarakhand: A TPB framework approach. *Frontiers in Sustainable Food Systems*, 9, 1558178. <https://doi.org/10.3389/fsufs.2025.1558178> (IF: 3.10)
8. Pundir, S., Padaria, R., Aiswarya, S., Singh, R., Mahra, G., Bishnoi, S., Yeasin, M., Praveen, K. V., Mukherjee, S., Shravani, K., & **Ghosh, B.** (2025). Documentation and validation of indigenous knowledge by rural women for climate change adaptation in the Himalayan ecosystems of Uttarakhand. *Local Environment*, 1–26. <https://doi.org/10.1080/13549839.2025.2570875> (IF: 2.8)
9. Shravani, K., Padaria, R., Singh, R., Sarkar, S., Praveen, K. V., Varghese, C., Rakshit, S., Aiswarya, S., Yadav, P., Saini, S., Mukherjee, S., **Ghosh, B.**, Sravani, S., Nuthaki Venkata, L. K. C., & Pundir, S. (2025). Effectiveness of virtual learning system in

- agricultural education in India. *Frontiers in Education*, 10. <https://doi.org/10.3389/feduc.2025.1588899> (IF:1.90)
10. Mukherjee, S., Padaria, R., Roy Burman, R., Nikam, V., Praveen, K. V., Mahra, G., Aditya, K., Chakrabarti, B., Saini, S., Shrivani, K., & **Ghosh, B.** (2025). Development and standardisation of a digital competency index for extension professionals of India: A principal component analysis approach. *Agricultural Research*. <https://doi.org/10.1007/s40003-025-00865-4> (IF: 1.10)
 11. **Ghosh, B.**, Barman, B., Ranjan, A., Quader, S. K., & Saurav, S. (2024). Carbon farming: Best management practices and factors affecting farmers' acceptance. *Journal of Experimental Agriculture International*, 46, 900–913. <https://doi.org/10.9734/jeai/2024/v46i82776> (NAAS: 5.14)
 12. Ranjan, A., **Ghosh, B.**, Barman, B., Quader, S. K., P. N., F., Tiwari, S., Saurav, S., & Bishnoi, S. (2024). Role of agricultural extension in addressing food security. *European Journal of Nutrition & Food Safety*, 16, 67–85. <https://doi.org/10.9734/ejnfs/2024/v16i91527> (NAAS: 5.14)
 13. Barman, B., **Ghosh, B.**, Ranjan, A., & Quader, S. K. (2024). The potential of indigenous technological knowledge for sustainable and climate-resilient agriculture. *International Journal of Environment and Climate Change*, 14, 490–501. <https://doi.org/10.9734/ijecc/2024/v14i84369> (NAAS: 5.16)
 14. Pundir, S., Padaria, R., Muralikrishnan, L., S., A., Mukherjee, S., Shrivani, K., & **Ghosh, B.** (2025). Cluster analysis-based discernment of farmers' typologies and climate change adaptation strategies among rural women. *Indian Journal of Extension Education*, 61, 78–82. <https://doi.org/10.48165/IJEE.2025.61114> (NAAS: 5.02)
 15. Pundir, S., Padaria, R., Muralikrishnan, L., Aiswarya, S., Mukherjee, S., Shrivani, K., & **Ghosh, B.** (2025). Cluster analysis-based discernment of farmers' typologies and climate change adaptation strategies among rural women. *Indian Journal of Extension Education*, 61, 78–82. <https://doi.org/10.48165/IJEE.2025.61114> (NAAS: 5.02)
 16. Gorai, S. K., **Ghosh, B.**, Mukherjee, S., & Pradhan, K. (2024). An in-depth analysis of Murshidabad Agro Producer Company Limited: Innovation in agriculture. *Indian Research Journal of Extension Education*, 24, 71–77. https://doi.org/10.54986/irjee/2024/jul_sep/71-77 (NAAS: 4.99)

Others:

- 1 book, 10 popular articles and book chapters

5. Awards & Honors

1. Best Post Graduation Thesis in Agricultural Extension – MANAGE (2023)
2. Outstanding Research Scholar Award (M.Sc.) – Mobilization Society (2024)
3. Young Achiever Award – AEETDS Society (2025)

6. Conferences / Workshops / Trainings

Attended:

- 2 National Seminars
- 3 Workshops + 3 Professional Trainings
- SERB-DST Sponsored National Workshop (ICAR-NDRI)
- International Conference – Visva-Bharati (Oral presentation Award receiver)
- MANAGE Young Professionals Development Programme
- Data Driven Agriculture (R Programming Training)
- Agri-Tech World 2023 International Certification

7. Research Experience & Expertise

- Impact Assessment Methodologies
- Index development and psychometrics
- Sociometry
- Adaptation & Institutional Network Analysis
- Rural Development Policy & Extension Education Models

8. Technical Skills

- SPSS (Advanced Statistical Analysis, PCA, PSM)
- R Programming, STATA, AMOS (Statistical Modelling)
- Social Research Design & Field Survey Techniques
- Data Analysis & Scientific Writing

9. Other Skills:

Proficient in Organizing conferences and meetings, Management activities, Curriculum development for trainings, Teaching, Demonstrations, Video-editing and Report writing.

10. Professional Membership

Life Member – Society for Community Mobilization for Sustainable Development

11. Languages Known

- English – Read, Write, Speak
 - Hindi – Read, Write, Speak
 - Bengali – Native
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Declaration

I hereby declare that the above information is true and correct to the best of my knowledge and belief.

Place: CMERTI, Lahdoigarh

Date: 21/02/2026

Bhaskar Ghosh.

(Bhaskar Ghosh)
