

## Publications 2023-25

### Research articles

1. Atheena, U.P., Smitha, S., **Bonny, Binoo P.** and Sreeram, V. **2025**. Constraints for adopting climate-change adaptation strategies among smallholder vegetable farmers. *Journal of Community Mobilization and Sustainable Development*, 20(2), April-June 2025, 630-634
2. Sharma, Latika, Yadav, N. and **Bonny, Binoo P.** **2025**. Profiling Farmer Producer Companies (FPCs) in Rajasthan: Insights into their impact and operations. *Archives of Current research International*. 25(3):186-199
3. Ponnusamy, K, **Bonny, Binoo P** and Sujatha, R. **2025**. Strengthening farmer collectives for improving the dairy sector performance. *Indian Dairy Man*: May, 82-86
4. Reddy, Suddamalla Manoj Kumar, **Bonny, Binoo P.** Radhakrishnan, Aparna; Hema, M. and Reddy, Gongalla Sreeja. **2025**. Resilience of Rice Farming Communities to Natural Hazards in South India: A Comparative Analysis. *Journal of Community Mobilization and Sustainable Development*, 20(3), July-September 2025, 1-6
5. Bandu Bhange, Poonam; **Bonny, Binoo P** and Karat, Shilpa. **2024**. Climate risk management among smallholder farmers: A comparative analysis of flood prone Alappuzha and drought-affected Gondia in India. *Asian Journal of Agricultural Extension, Economics & Sociology*, 42(11), 148-161. (NAAS Rating 4.7; Published by Science domain International)
6. Navitha, V. N., Mercykutty, M. J., **Bonny, Binoo P.**, Ajithkumar, B., and Jaliya M. K. **2024**. Mushroom cultivation MOOC at Kerala Agricultural University: Garrett Ranking analysis of constraints to enhance Online agriculture learning. *Asian Journal of Agricultural Extension, Economics & Sociology*. 42(2): 9-14 (NAAS Rating 4.7; Published by Science domain International)
7. Reddy, Suddamalla Manoj Kumar and **Bonny, Binoo P.** **2024**. Agri-inputs sourcing networks of rice farmers in Andhra Pradesh and Kerala, India. *Journal of Scientific Research and Reports*. 30 (9):382-389. (NAAS Rating 5.17; Published by Science domain International)
8. Vivek S. and **Bonny, B. P.** **2024**. Constraints affecting innovations of rice farmers in the Kole wetland system *International Journal of Agriculture Extension and Social Development*. 07(03), 117-122 (NAAS Rating 5.04; Published by Society of Agricultural Research and Social Development)
9. Aiswarya, T.P., Parayil, C., **Bonny, B.P.**, Nameer, P.O., Prema, A. and Sreya, P.S., **2023**. Gendered vulnerabilities in small scale agricultural households of Southern India. *International. Journal of Disaster Risk Reduction*, 84, p.103475 (NAAS Rating 10.3; Published by Science Direct.com Elsevier)
10. Jeevan, Kavya, **Bonny, Binoo P.** & Gopakumar S. **2023**. Climate change perspectives and conservation of sacred groves: Case of Sharngakavu, Kerala *Indian Journal of Traditional Knowledge*, Vol 22(2), pp 433-443. (NAAS Rating 6.76; Published by National Institute of Science Communication and Policy Research, CSIR)
11. Pradeepkumar T., **Binoo P. Bonny**, Dicto Jose M., Lokesh S., Divya K. Lekshmanan, Aswini A. and Vivek S. **2023**. Evaluation of Cognitive Learning in an Academic Webinar in Agriculture *Biological Forum-An International Journal* (NAAS Rating 4.96; Published by Research Trends)
12. Pradeep Kumar, T., **Bonny, B.P**, Radhakrishnan, A., Dilee Kumar, R. and Karat, Shilpa. **2023**. Technical efficiency of Vegetable development programs in Kerala, India. *International Journal of Agricultural Economics, Extension and Rural Development*. 9(1): 203-215 (Published by Advanced Scholars Journals)

13. Vivek S. and **Bonny, B. P. 2023.** Development of a Scale to Measure the Attitude towards Innovation Use in Rice Farming. *Asian Journal of Agricultural Extension, Economics & Sociology*, 41(9), 412-420 (NAAS Rating 4.7; Published by Science domain International)

### Book Chapter

14. **Bonny, Binoo P** and Arya P. S. **2024.** Agribusiness scenario and ecosystem analysis. In. *Enhancing Competency of Extension Personnel for Mentoring Agripreneurs* [E-book] Published by Central Training Institute (CTI), Directorate of Extension Kerala Agricultural University, Thrissur & National Institute of Agricultural Extension Management, Hyderabad, India

### Technical Publications

15. Pradeepkumar, T., **Binoo P Bonny. 2023.** Food transitions in age of climate crisis should focus on diversifying options. *Down to Earth (17 Aug 2023)*, Published by Centre for Science and Environment, New Delhi
16. **Bonny, Binoo P.,** Sunil, V.G., Krishna, Ashwathi, R., Ashwathi, K.K. and Thampi, Roshni (Eds.) **2024.** *Vilaparipalana shuparshakal 2024* (Malayalam). Pub. By Directorate of Extension, KAU, Mannuthy

### PhD student guidance as Major Advisor (2023-25)

<b>PhD</b>			
1.	Rose Mathews (2020-21-036)	Fallow land cultivation in Kerala—a multidimensional analysis	2024 Provisional degree conferred
2.	Vivek S. (2019-21-046)	Agricultural innovation systems (AISs) of wetland rice farming in Kerala—A critical analysis	In progress
3.	Shilpa Karatt (2021-21-009)	Behavioural attributes of natural hazard management among banana farmers in Kerala: a multidimensional analysis	In Progress
4.	Swathi Suresh K.S. (2022-21-015)	Organic food environment and consumer behavior in Kerala – An exploratory analysis	In Progress
5.	Devika R.S. (2023-21-009)	Social capital and low-emission rice production in Kerala- A behavioural analysis	In Progress

### List of Courses Offered (2023-25)

Course title	Period
<b>Ph.D. (Agrl. Extension)</b>	
EXT 605 Advances in Instructional Technology (2+1) (Associate Course Teacher)	2022-23
EXT 605 Risk Management & Climate Change Adaptation (2+1) (Main Course Teacher)	2022-24
EXT 604 Educational Technology & Instructional Design (2+1) (Main Course Teacher)	2022-24

EXT 602 Methodologies for Social and Behavioural Research (2+1) (Main Course Teacher)	2024-25
<b>MSc. (Agrl. Extension)</b>	
PGS 501 Library and Information Services ( 0+1) (Main Course Teacher)	2022-23
EXT 510 Gender Mainstreaming (2+1) (Associate Course Teacher)	2022-23
EXT 502 Applied Behaviour Change (2+1) (Main Course Teacher)	2023-24
EXT 504 Research Methodology in Extension (2+1) (Main Course Teacher)	2023-24
<b>PG Diploma</b>	
FDT 505 Entrepreneurship Development Skills (2+1) (Main Course Teacher)	2023-24
PGDL 104 Entrepreneurship Development and Project Management in Landscaping (1+1) (Associate Course Teacher)	2023-24

#### Research projects as PI during 2023-25

1.	Profile analysis of Farmer Producer Companies in India	2022-24	(Rs. 40 lakhs) ICAR-NAHEP-CAAST –sub project
2.	Impact assessment study of integrated development of Kole wetlands in Thrissur and Ponnani Kole area	2023-25	(5.0 lakhs) KLDC, GOK
3.	Engendering extension strategies for supply chain risk management of rice production by women collectives	2021-25	(5.0 lakhs) KAU State Plan
4.	KAU-FPO linkage programme	2025-26	(20.0 lakhs) SHM

#### Fellowships/ Awards

<b>(i) Thesis awards/Fellowships for students under Research Guidance (2023-25)</b>	
1.	<b>National award for Second Best PG Thesis in Extension Education, 2025</b> (International Extension Education Congress Nov 24-26,2025); Theme: Value chain/supply Chain Management to Reshma R. (2020-11-076) for her PG research work on Risk assessment of agricultural supply chain: Case of coconut enterprises in Kerala
2.	<b>National Institute of Agricultural Extension Management, (MANAGE)-Best PG Thesis Award with First Prize for the year 2023 to PG student, Mr. Suddamalla Manoj Kumar Reddy (2021-11-109)</b> for his PG research work on Community Resilience Against Natural Hazards In Rice Farming Systems: A Social Network Analysis
3.	<b>ICSSR Short term Doctoral Fellowship to Ph.D Student Ms. Rose Mathews (2020-21-036) for 2023</b> for research work on <i>Fallow land cultivation in Kerala – A multidimensional analysis</i>

4. <b>ICSSR Short term Doctoral Fellowship</b> to Ph.D Student Mr. Vivek S (2019-21-046) <b>for 2022</b> for research work on Agricultural Innovation Systems (AISs) of wetland rice farming in Kerala- A critical analysis
<b>Personal awards/Fellowships</b>
5. <b>ICAR-NAHEP-CAAST-Fellowship 2023 FOR International Training</b> on Intelligent Supply Chain Management at ARU, Cambridge, UK (Sept-Oct, 2023)
6. <b>Best paper presentation award in National workshop</b> (15-17 October 2020) on Gender Issues and Atmanirbhar Bharat in Agriculture organized by Central Agricultural University, Imphal for the research paper “Why Gender Mainstreaming matters in Agriculture: A Review
7. <b>Best Paper Award in the National Seminar</b> (Feb 26-28, 2015) held on Extension Innovations and Methodologies for Market-Led Agriculture Growth and Development at RVSKVV, Gwalior for the paper Community based Public Private Partnership (PPP) model for women agripreneurship development
8. <b>NUFIC Fellowship</b> 2015, Govt. of Netherlands for International Course on Rural Entrepreneurship (CDI, Wageningen University) <b>held at KNUST, Bureau of Integrated Rural Development, Kumasi, Ghana</b>
9. <b>ICUH Fellowship 2015, for presentation of paper</b> at the 12th International Conference on Urban Health (IUCH) at Dhaka, Bangladesh <b>24-27 May 2015</b> , IUCH, Dhaka, Bangladesh
10. <b>NUFIC Fellowship 2010</b> , by Govt. of Netherlands for advanced training on Participatory evaluation, and monitoring held at Centre for Development Innovations (CDI) Wageningen University, Netherlands

**Conferences attended (2023-24)**

1.	Emerging approaches in modeling human behaviour: Applications in Agricultural Extension	31 July 2023	NAHEP CAAST & Dept. of Agrl. Extension, COA, Vellanikkara
2.	International conference on blended learning ecosystem for higher education in Agriculture	21-23rd March 2023	ICAR and World Bank under National Agricultural Higher Education Project (NAHEP) New Delhi
3.	34th Kerala Science Congress	2024	KSCSTE, Thiruvananthapuram,