

# **Dr. Mst Tania Parvin**

**Associate Professor & Head**

Department of Agribusiness

Faculty of Agricultural Economics and Rural Development

**Cell:** +8801674866698 (Mobile);

**(Office):** +8802-9205310-14 (IP: 2176)

**Email:** tania.bsmru@gmail.com; tania@bsmrau.edu.bd

**Website:** www.bsmrau.edu.bd/tania/

Bangabandhu Sheikh Mujibur Rahman Agricultural University  
(BSMRAU), Gazipur-1706, Bangladesh



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## **Academic Qualification**

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### **2019, Doctor of Philosophy (PhD)**

Agricultural Sciences, University of Hohenheim, Stuttgart, Germany

### **2013, M.Sc. in Agricultural Economics (Production Economics)**

Department of Agricultural Economics, Bangladesh Agricultural University, Mymensingh  
Result: Cumulative Grade Point Average 3.898 (Out of 4.00 Scale, Merit Position: 1<sup>st</sup>),

### **2012, B.Sc. in Agricultural Economics**

Faculty of Agricultural Economics and Rural Sociology, Bangladesh Agricultural University, Mymensingh

Result: Cumulative Grade Point Average 3.686 (Out of 4.00 Scale, Merit Position: 2<sup>nd</sup>)

### **2005 – 2007, Higher Secondary Certificate (HSC)**

Ullapara Science College, Ullapara, Sirajgonj

Result: Grade Point Average 5.00 (Out of 5.00 Scale)

### **2004 – 2005, Secondary school Certificate (SSC)**

Falia High School, Ullapara, Sirajgonj

Result: Grade Point Average 4.63 (Out of 5.00 Scale)

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## **Work Experience**

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### **10 October 2023 – To Date: Associate Professor**

Department of Agribusiness, Faculty of Agricultural Economics and Rural Development, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-1706.

### **29 September 2018 – 09 October 2023: Assistant Professor**

Department of Agribusiness, Faculty of Agricultural Economics and Rural Development, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-1706.

### **10 February 2014 – 28 September 2017: Lecturer**

Department of Agribusiness, Faculty of Agricultural Economics and Rural Development, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-1706.

## **Duties**

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1. Teaching courses at the undergraduate (BS) and graduate program (MS):

### **Undergraduate level**

- Fundamentals of Price Analysis
- Introduction to Agribusiness
- Principles of Agricultural Marketing
- Principles of management
- Supply Chain Management

### **Graduate level**

- Agribusiness management
  - Business Economics
  - Climate-smart Agribusiness and Food Security
  - Research methods
2. Moderating examinations and evaluating the exam papers.
  3. Coordinating seminars and presentations.
  4. Assisting in course planning and development.

## **Awards, Fellowships, Scholarships and Grants**

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- **German Academic Exchange Service (DAAD) Scholarship 2014-2018**, Award for the PhD Study at the University of Hohenheim, Stuttgart, Germany
- **National Science and Technology Fellowship 2012-2013**, Ministry of Science and Technology, Bangladesh

## **Seminars, Workshops and Conferences Attended**

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- Workshop on "Preparation for Accreditation: Documentation and Evidence" held on 09 February 2024 arranged by the Institutional Quality Assurance Cell (IQAC), BSMRAU, in association with Bangladesh Accreditation Council (BAC), Dhaka-1000, Bangladesh.
- Workshop on "Sub-project Proposal Writing under the Academic Transformation Fund (ATF) on the HEAT Project" held on 7 January 2024 arranged by IQAC at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- Training on "Development of Outcome-based Curriculum - Paradigm Shift from Traditional Curriculum" held on 21 January 2024 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- Seminar on "Modelling the Environmental Impact of Food Production" held on 13 February 2024 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.

- Workshop on "Smart Bangladesh Development" held on 20 March 2024 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- Training on "Pedagogical Challenges: Constructively Aligned Teaching and Assessment" held on 17-18 January 2024 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- Training on "Development of Outcome-Based Curriculum: Paradigm Shift from Traditional Curriculum" held on 21 January 2024 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- Workshop on "Long-term Research Review Workshop of RMW/UGC-funded Projects" was held on 26 May 2024 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- A workshop on "The Art of Teaching and Creative Pedagogy for Higher Education" was held on 5 December 2024 at IQAC, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- Training on "Crafting Research Proposal: Result Framework Development and Input-output Matrix" held on 23 November 2023 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- Seminar on "Traditional Improvement, Genetic Engineering, and Organic Farming" held on 15 February 2023 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- A workshop on "RMC-UGC funded Long Term Research Pro" held on 15 October 2023 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur 1706, Bangladesh.
- A Seminar on "Conceptualize Gendered Dimensions in Urban and Peri-urban Food Systems" organized by CGIAR and BAU on 12<sup>th</sup> December, 2022.
- A Seminar on "International Participatory Research on the Hidden Dimensions of Poverty" organized by The Bangladesh Agricultural Research Council (BARC) on 21 November, 2022.
- 17<sup>th</sup> National Conference and Seminar of Bangladesh Agricultural Economists Association on "Inclusive and Sustainable Agricultural Development in Bangladesh" held during 05-06 September, 2022 at Farmgate, Dhaka and organized by Bangladesh Agricultural Research Council (BARC)
- A Training on "Bloom's Taxonomy and Effective Questioning" organized by Bangabandhu Sheikh Mujibur Rahman Agricultural University on 14 August, 2019.
- Seminar on "Saving time in Thesis Writing and Quality Publication Using KSI Technique" at Bangabandhu Sheikh Mujibur Rahman Agricultural University on 25 July, 2019.

- Workshop on “Accreditation of BSMRAU: Roles and Responsibilities of Faculties workshop” held on 30 July, 2019 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur-1706, Dhaka, Bangladesh.
- 16<sup>th</sup> national conference of Bangladesh Agricultural Economists Association held during 28-29 April 2018 at Farmgate, Dhaka. A paper entitled “An Analysis of the Factors Determining the Credit Accessibility by the Handloom Weavers in Bangladesh” was presented there.
- Research review workshop held on 28-29 November, 2018 at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur-1706, Dhaka, Bangladesh.
- Workshop on “Transforming to a Developed Economy through SDG Implementation” at Bangladesh Agricultural Research Council, Farmgate, Dhaka, Bangladesh.
- Training Seminar on “Team Management and Accountability” held during 16-17 November 2017 at the Institute of Agricultural Sciences in the Tropics (490c), University of Hohenheim, Germany.
- “Tropentag Conference,” 2017: International conference on "Future Agriculture: Social-ecological Transitions and Bio-cultural Shifts," September 20-22, 2017, University of Bonn, Germany. Poster entitled “What Are the Governance Challenges of Microcredit Programs in Bangladesh? The Case of a Specialised Government Credit Program” was presented at that conference.
- "International Development Strategies” Seminar, 2014: Paper entitled “Achieving Sustainable Livelihood by Managing Human Capital” was presented on 30.12.2014 at the Department of Project and Regional Planning, University of Giessen, Germany during winter term 2014-2015. The performance of the written paper, oral presentation and defense were evaluated by the grade: 2.0.
- “Tropentag Conference,” 2014: International conference on “Building the Gap between Increasing Knowledge and Decreasing Resources,” September 17-19, 2014, Czech University of Life Sciences Prague, Prague, Czech Republic.

## **Modules and Courses Attended during the PhD Study**

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### **7 February 2014 – 30 June 2014**

Deutschlernportal DUO - Online German Language Course.

### **3 June 2014 – 15 September 2014**

Deutschsprachkurs- German Language Course of the Ph.D. Program for Agricultural Economics and Related Sciences at the Justus-Liebig University of Giessen, Germany.

### **10 June 2014 - 14 June 2014**

Module 6700: Economic Modelling with GAMS at the Justus-Liebig University of Giessen, Germany.

### **9 March 2015 - 13 March 2015**

Module 7000: Publishing and Writing Strategies for Agricultural Economists at the Justus-Liebig University of Giessen, Germany.

### **Winter Semester, 2014/2015**

Module 09 MK-68: Empirical research Methods at the Justus-Liebig University of Giessen, Germany.

### **8 June 2015-12 June 2015**

Module: 6700: Economic Modelling with the GAMS software at the Justus-Liebig University of Giessen, Germany.

### **4 April 2016 – 8 April 2016**

Module 200: Efficiency and Productivity Analysis 2- Stochastic Approaches at the Georg-August University of Goettingen, Germany.

### **Summer Semester, 2016**

Module 4903-470: Qualitative Research Methods in Rural Development Studies at the University of Hohenheim, Germany.

### **Winter Semester 2016/17**

Module: 4903-460: Methods in Interdisciplinary Collaboration (4903-460) at the University of Hohenheim, Germany.

## **Membership Status**

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- American Agricultural Economist Association (AAEA)
- Bangladesh Agricultural Economist Association (BAEA)
- Bangladesh Agricultural University Alumni Association (BAUAA)
- Bangladesh Association for the Advancement of Science (BAAS)
- Krishibid Institution of Bangladesh (KIB)

## **Administrative Experience**

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17 November 2023 – To Date: Head, Department of Agribusiness, Faculty of Agricultural economics and Rural Development, Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur-1706.

## **Project/research Experience**

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Title of the project/ research activity	Donor/ sponsor	Position in the project	Year	
			From	To
<b>Prior Projects</b>				
Supply chain and value chain development of poultry agribusiness in Bangladesh	Research Management Wing (RMW), BSMRAU	Co-PI	2018-2020	

<b>Ongoing Projects</b>			
Enhancing livelihoods in waterlogged areas of Bangladesh through floating vegetable farming: a value chain analysis	Research Management Wing (RMW), BSMRAU	PI	2023-2025
<b>Submitted Projects (if any)</b>			
Consumers' attitude and willingness to pay for local versus foreign coffee brands in Bangladesh	Ministry of Science of Technology (MOST), Government of Bangladesh	PI	2025-2026

## Computer Skill

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- Excellent skill in data entry, data cleaning, data analysis and report writing through the use of basic computer software packages such as MS Word, MS Excel, PowerPoint, SPSS, STATA, etc.
- Qualitative data analysis skill using Nvivo software, Visualizer etc.
- Excellent in PowerPoint presentations.

## Language Proficiency

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- English fluency in both spoken and written (Completed four years bachelor in English Medium, Completed an Advanced Course on Communicative English and got 6.5 scores in IELTS).
- Can read, write and speak in Bengali smartly.
- Can read and write Arabic.
- Basic understanding of German.

## Personal Interests

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- Reading novels
- Cooking
- Watching movies
- Walking
- Travelling

## List of Publications

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- 1) Alam, G. M. M., **Parvin, M. T.**, Amin, M. R. and Promee, J. S. (2025). Determinants of the profitability of poultry farming in the Gazipur district of Bangladesh. Accepted for publication in *Heliyon* (SJR: Q1, IF: 4.0).
- 2) Ali, M. Haque, S., Mondal, M. K., Hassan, F., **Parvin, T.**, Bhandari, H., Jagadish, K., Puskur, R., Yadav, S, Rahman, M. C. (2024). Determinants of Youth Participation in Agriculture: A Case of Polder Farming Practices in Southwest Coastal Areas of Bangladesh. *International Journal of Agricultural Economics*, 9(6), 347–361. <https://doi.org/10.11648/j.ijae.20240906.17>

- 3) Jahan, N., Noorunnahar, M. and **Parvin, M.T.** (2024). Evaluation of Trend Models Performance and Forecasting Onion Production: A Comparative Study. *Journal of Bangladesh Agricultural University*, 22(3): 386–395. <https://doi.org/10.3329/jbau.v22i3.76412>
- 4) Yeasmin, S., Haque, S., Adnan, K.M.M., **Parvin, M.T.**, Rahman, M.S., Rahman, K. M., Salman, M., Hossain, M. E. (2024). Factors Influencing Demand for, and Supply of, Agricultural Credit: A Study from Bangladesh. *Journal of Agriculture and Food Research*, 16, 101173, 1–10 (SJR: Q1, IF: 4.8, CiteScore: 5.4). <https://doi.org/10.1016/j.jafr.2024.101173>
- 5) Amin, M. R., Alam, G. M. M., Parvin, M. T. and Acharjee, D. C. (2023). Impact of COVID-19 on poultry market in Bangladesh. *Heliyon*, 9(2), e13443: 1–13 (SJR: Q1, IF: 4.0). <https://doi.org/10.1016/j.heliyon.2023.e13443>
- 6) Islam, A., Haque, S., **Parvin, M. T.**, Zaman. N., Nazu, S. B., Salman, M. and Hossain, M.E. 2022. Insights of Handloom Producers of Sirajganj District in Bangladesh. *Journal of Bangladesh Agricultural University*, 20(4), 433–440. <https://doi.org/10.5455/JBAU.129305>
- 7) Mila, F. A., Noorunnahar, M., Nahar, A., Acharjee, D. C., **Parvin, M. T.** and Culas, R. J. (2022). Modelling and Forecasting of Tea Production, Consumption and Export in Bangladesh. *Current Applied Science and Technology*, 22 (2), pp. 1–20 (SJR: Q4, CiteScore: 1.5).
- 8) **Parvin, M.T.**, Birner, R. and Nahar, A. (2023). How well does government microcredit serve the investment needs of small and medium enterprises? An impact analysis on handloom weavers in Bangladesh”. *South Asian Journal of Business Studies*, 12 (2), 242–268 (SJR: Q1, IF: 2.10, CiteScore: 6.3). <https://doi.org/10.1108/SAJBS-07-2020-0260>
- 9) **Parvin, M.T.** and Birner, R. (2021). Analyzing governance challenges using Process Net-Map: a case study of a government microcredit scheme in Bangladesh. *Qualitative Research in Financial Markets*, 14(2), 324–353 (SJR: Q2, IF: 1.90, Cite Score: 4.6). <https://doi.org/10.1108/QRFM-04-2020-0065>
- 10) **Parvin, M. T.**, Amin, M. R., Acharjee, D. C., & Alam, G. M. M. (2020). Status of price variations of fish, livestock and poultry products: a case study in Gazipur district of Bangladesh. *Annals of Bangladesh Agriculture.*, 24 (1), 99–112.
- 11) **Parvin, M. T.**, Birner, R. & Mila, F. A. (2020). Factors Determining the Loan Repayment Performance of a Government Microcredit Program for the Handloom Weavers in Bangladesh. *International Journal of Business and Management Science*, 10(1): 101–116. (SJR: Q4, Cite Score: 0.50).
- 12) **Parvin, M. T.**, Fatema, K. and Haque, S. (2020). Factors Determining the Credit Accessibility by Small-scale Entrepreneurs: A Case of Handloom Weaving in Bangladesh. *International Journal of Business and Management*, 15(8), 93–100. <https://doi.org/10.5539/ijbm.v15n8p9>

- 13) Mila and **Parvin, M. T.** (2019). Forecasting Area, Production and Yield of Onion in Bangladesh by Using ARIMA Model. *Asian Journal of Agricultural Extension, Economics & Sociology*, 37(4): 1–12. DOI: 10.9734/AJAEES/2019/v37i430274.
- 14) Akter, T., **Parvin, M. T.**, Mila, F. A., & Nahar, A. (2019). Factors determining the profitability of rice farming in Bangladesh. *Journal of Bangladesh Agricultural University*, 17(1), 86–91. <https://doi.org/10.3329/jbau.v17i1.40668>.
- 15) **Parvin, M. T.** & Haque, S. (2017). An Analysis of Socioeconomic Indicators of Rural Non-Agricultural Households in Bangladesh: A Case of Handloom Weaving. *Journal of Economics and Sustainable Development*, 8(12), 1-12.
- 16) Rahman, F., Shammi, S. A., **Parvin, M. T.**, Akter, N, Khan, M.S. & Haque, S. (2016). Contribution of Rural Women to Rice Production Activities in Two Different Areas of Bangladesh. *Progressive Agriculture*, 27 (2), 180–188. <http://dx.doi.org/10.3329/pa.v27i2.29329>.
- 17) **Parvin, M. T.** & Akteruzzaman, M., (2013). Factors Affecting Farm and Non-farm Income of Haor Inhabitants of Bangladesh. *Progressive Agriculture*, 23 (1 & 2), 143–150. <https://doi.org/10.3329/pa.v23i1-2.16578>
- 18) Hossain, M. R., Akteruzzaman, M., **Parvin, M. T.**, Bhiya, M. S. U. & Hossain, M. S. A. (2013). Marketing Channel of Fish and Value Addition by Different Actors in Haor Area of Netrokona District. *Bangladesh Journal of Crop Science*, 24(1), 131–140.
- 19) Akteruzzaman M, **Parvin M. T.** & Islam S. (2012). Improvement of Integrated Farming Systems for Maximizing Income and Food Security in Noakhali Region. *Journal of Bangladesh Society for Agricultural Science and Technology*, 9(3&4), 139–146.

## Theses

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- 1) Master thesis on “An Economic Analysis of Farm and Non-Farm Activities and Their Income Linkages in Dingaputa Haor Area of Netrokona District”.
- 2) PhD thesis: “Performance and Governance Challenges of a Government-funded Microcredit Program for the Handloom Weavers in Bangladesh”.

## References

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1. Prof. Dr. Regina Birner  
 Department of Social and Institutional Change  
 in Agricultural Development (490c)  
 University of Hohenheim  
 Wollgrasweg 43, 138  
 D-70599, Stuttgart, Germany  
 Phone: +49 711 - 459 23517  
 Fax: +49 711 - 459 23812  
 Email: Regina.Birner@uni-hohenheim.de

2. Prof. Dr. Sadika Haque  
 Professor  
 Department of Agricultural Economics  
 Bangladesh Agricultural University  
 Mymensingh  
 Cell Phone No.: 01711931847  
 Email: sadikahaque@yahoo.com