

CURRICULUM VITAE
of
Dr. Mohammad Ariful Islam



1. Personal Details:

- i) Current position : Principal Scientific Officer
Agricultural Economics Division
Bangladesh Rice Research Institute (BRRI)
Gazipur-1701, Bangladesh
- ii) Present address : Agricultural Economics Division
Bangladesh Rice Research Institute (BRRI)
Gazipur-1701, Bangladesh
E-mail: arifagecon@gmail.com
Mobile: +8801718128993
Fax No. 088-02-49272000
- iii) Languages : Bengali (mother tongue), English (fluent)
- iv) Date of birth : 26th October, 1979
- v) Marital status : Married
- vi) Nationality : Bangladeshi (By birth)
- vii) Sex : Male

2. Professional Experience:

- i) Working as “**Principal Scientific Officer**” under Agricultural Economics Division of the Bangladesh Rice Research Institute (BRRI) since 26th December, 2022.
- ii) Worked as “**Senior Scientific Officer**” under Agricultural Economics Division of the Bangladesh Rice Research Institute (BRRI) from 22nd November, 2012 to 25th December 2022.
- iii) Worked as “**Scientific Officer**” under Agricultural Economics Division of the Bangladesh Rice Research Institute (BRRI) from 12th November, 2007 to 21st November, 2012.
- iv) Worked as “**Tutor**” for the Master’s course students (subject(s): Elementary Statistics, Econometrics, and Hands-on-Exercise by STATA software) under The Laboratory of International Rural Development, Division of Natural Resource Economics, Graduate School of Agriculture, Kyoto University, Kyoto, Japan from November, 2015 to August, 2017.
- v) Worked as “**Research Investigator**” in the project “**Contract Farming as a Market Institution for Poultry and Dairy Production in Bangladesh**” for a period of 6 months

from February to July, 2006. The project was implemented by the Bureau of Socio-Economic Research and Training (BSERT) of B.A.U with financial support of ILRI.

- vi) Worked as “**Research Associate**” in the project “**Achieving Greater food Security and Eliminating Poverty by Dissemination of Improved Carp Strains to Fish Farmers**” for a period of 6 months from July to December 2005. The project was implemented by BSERT of B.A.U with financial support from the World Fish Centre, Penang, Malaysia (WFC).

3. Professional responsibilities /activities:

My professional responsibilities include:

- Getting involved in designing research plan/programs in the field of socio-economics at BRRI;
- Execute the developed research programs through generating and using both primary and secondary data base;
- Compile and analyze the data base applying advanced economic and econometric tools using appropriate computer software, and
- Prepare research reports and derive policy implications using useful research findings.

- 4. Area of Specialization:** Agricultural Economics and Development Economics (Socio-economic program evaluation, poverty and inequality, food and nutrition security, land use policy in Bangladesh, Rice production and productivity policy).

5. Educational Background:

Degree/Certificate Obtained	Year	Class/ Grade/ Division Obtained	% of Total Marks/ CGPA	University / College / School	Area of specializations
Doctor of Agricultural Science	Sep. 25, 2017	Grade “Excellent”	-	Natural Resource Economics Division, Graduate School of Agriculture, Kyoto University, Japan	Agricultural Economics and Development Economics
M.S. in Agricultural Economics (Production Economics)	Dec, 2006	Grade “A” (First Class)	CGPA- ‘3.765’ (4.00 point basis)	Bangladesh Agricultural University (BAU), Bangladesh	Agricultural Economics
B.Sc. in Agril. Economics (Hons.)	2003 (Held on 2004)	First Class (21 st Position)	61.12	Bangladesh Agricultural University (BAU), Bangladesh	Agricultural Economics and Rural Sociology
Higher Secondary Certificate (HSC)	1998	First Division (Obtained star marks)	77.20	Sarishabari Riazuddin Talukder College, Jamalpur	Science
Secondary School Certificate (SSC)	1996	First Division	73.40	Bousi Bangali High School, Jamalpur	Science

6. Software skills:

- i) Data Management and Advanced Econometric Analysis using STATA.
- ii) Econometric analysis by R, EViews, SPSS, SHAZAM.
- iii) Producing graphs using “MS-Excel”.

7. Analytical Ability:

Items	Data nature	Exogenous model	Endogenous model	Sample selection bias model
Linear regression	Cross section	Linear Regression	Simultaneous equation (2SLS, 3SLS, GMM, GLS)	-
	Panel/longitudinal	Linear Regression	Simultaneous equation (2SLS, 3SLS, GMM, GLS)	-
Non-linear regression (Parametric and non-parametric models)	Cross section	Non-linear Regression (Probit, Logit, Tobit, MLM, Order choice, Corner solution, Poisson)	Simultaneous equation (2SLS, 3SLS, GMM, GLS)	Probit, Tobit, Heckman and corrected heckman, Double hurdle
	Panel/longitudinal	Non-linear Regression, Experimentics	Simultaneous equation (2SLS, 3SLS, GMM, GLS)	Double hurdle
Productivity and efficiency analysis (Parametric and non-parametric models)	Cross section	Stochastic Frontier Analysis, Data Envelopment Analysis	Endogenous Stochastic Frontier Analysis (Production, Cost, Profit)	-
	Panel/longitudinal	Stochastic Frontier Analysis, Total Factor Productivity model	Endogenous Stochastic Frontier Analysis, Total Factor Productivity Analysis (Production, Cost, Profit)	-
Time Series Analysis	Time Series Analysis	ARDL, NARDL, ARIMA	ARDL, NARDL, 2SLS	-
	Time series and dynamic panel	ARDL, NARDL, Dynamic Panel Data Regression model,	ARDL, NARDL, Dynamic Panel	-
Impact Assessment (Parametric, non-parametric and semi-parametric models)	Cross section	Treatment Effect models (observable bias)	Treatment Effect models (unobservable bias: both linear and non-linear), Simultaneous equation	Heckman treatment effect selection model
	Panel/longitudinal	Treatment Effect models (observable bias), Experimentics	Treatment Effect models (unobservable bias: both linear and non-linear), Simultaneous equation modeling, Experimentics	-
Demand elasticity estimation	Cross section	LA-AIDS, QAIDS, QAIDS censored	LA-AIDS, QAIDS	-

8. Language proficiency: Fluently read, write, and speak in English and Bengali (Mother tongue).

9. Publications:

(a) Journal publications:

(i) Main author:

- Islam, M. A.,** M. A. R. Sarkar, M. C. Rahman and M. S. Rahaman 2021. Assessing the Level of Comparative Advantage for the *Boro* (Dry) Rice Production in Bangladesh: A Time Series Analysis. *Journal of Bangladesh Agricultural University (JBAU)*,
- Islam, M. A.,** M. A. R. Sarkar, M. C. Rahman and M. S. Rahaman 2021. Comparative Advantage of Rice Production in Bangladesh: A Long-term Quasi-Response Assessment for *Aman* (Wet) Season. *Fundamental and Applied Agriculture (FAA)*, Vol 6(3), pp. 279-290, 2021.
- Islam, M. A.,** M. S. Rahaman, M. A. R. Sarkar, and M. C. Rahman 2020. A Time Series Analysis for Supply Response Scenario of Food Grains in Bangladesh: The Quest of Structural Changes. *Journal of Agriculture, Food and Environment*, vol. 1 (3).
- Islam, M. A.,** M. C. Rahman, M. A. R. Sarkar, and A. B. Siddique 2019. Assessing Impact of BRRI Released Modern Rice Varieties Adoption on Farmers Welfare in Bangladesh: Application of Panel Treatment Effect Model. *Bangladesh Rice Journal*, vol. 23 (1).
- Islam, M. A.** and S. Fukui 2018. The influence of share tenancy contracts on the cost efficiency of rice production during the Bangladeshi wet season, *Economics Bulletin*, Vol. 38 No. 4 p. A221.
- Islam, M. A.** 2018. Impact of Improved Rice Varieties Adoption on Farmers' Well-being (Livelihood) in Rural Bangladesh, *Bangladesh Journal of Agricultural Economics*, Vol. 38 (1&2), pp. 35-54.
- Islam, M. A.** 2016. Comparative Advantage and Cost Efficiency of Rice-Producing Farms in Bangladesh: A Policy Analysis, *Journal of Rural Problems*, Vol.52 (3). pp. 85-96.
- Islam, M. A.** and M. S. Alam. 2012. Socio-economic Assessment of Salt Tolerant Rice Variety: Insight from Farm Level Survey, *Eco-Friendly Agriculture Journal*, Vol. 5(8). pp. 123-128.
- Islam, M. A.** and M. Shahe Alam.2011. Efficiency of the hatchery operators: The case of fish seed producing farms in Bangladesh, *Bangladesh Journal of Agriculture*, Vol.36 (1). pp. 91-105.
- Islam, M. A.,** M. Shahe Alam and R. K. Talukder. 2009. A Financial Analysis of Fish Seed Production in Some Selected Areas of Bangladesh, *Bangladesh Journal of Agricultural Economics*, Vol. XXXII (1&2).

(ii) Co-author:

- Chan, N. A., O. Sariyev, **M. A. Islam**, M. Zeller (2025) How Competitive Is Myanmar's Rice Sector? A Comparison of Production Costs and Efficiency, *Agribusiness*, 2025(1):1-27, DOI: 10.1002/agr.22029
- Rahman, M. C., M. A. R. Sarkar, M. J. Kabir, M. S. Rahaman, J. C. Biswas, M. A. Aziz, **M. A. Islam**, M. A. A. Mamun, N. M. F. Rahman, A. M. McKenzie (2025) Vulnerability and adaptation in flood-prone ecosystems of Bangladesh: a case study of rice farming households, *Discover Sustainability* 6(1), DOI: 10.1007/s43621-025-00848-z
- Sunny, F. S., J. Lan, **M. A. Islam** (2024) Agrarian change through sustainable agri-tech adoption in a challenging rice farming region: A panel data analysis, Accepted article by *Journal of Agricultural Economics-Czech, Agric. Econ. - Czech*, 2024, 70(12):606-620, DOI: 10.17221/79/2024-AGRICECON
- Rahman, M.C., M.S. Rahaman, M.A.R. Sarkar, V. O. Pede, **M. A. Islam**, M. S. Kabir (2024) Tracking Varietal Authentication of Rice Brands in Bangladesh: Analyzing the Path from Farm to Market, *Agricultural Research*, <https://doi.org/10.1007/s40003-024-00698-7>
- Rahman, M.C., M.S. Rahaman, M.A.R. Sarkar, **M. A. Islam** (2024) Foreign direct investment and agricultural output nexus in Bangladesh: An autoregressive distributed lag approach, *Journal of Agriculture and Food Research*, <https://doi.org/10.1016/j.jafr.2024.101042>
- Rahaman, M. S., M.C. Rahman, M.A.R. Sarkar, **M. A. Islam** (2023) Contribution of agriculture subsectors on economic growth in Bangladesh: An application of the ARDL method, *Economics Bulletin*, Volume 43, Issue 1, pages 245-264
- Sunny, F. A., **M. A. Islam**, T. T. P. Pemberai Karimanzira, J. Lan, M. S. Rahman, H. Zuhui (2023) Adoption impact of solar based irrigation facility by water-scarce northwestern areas farmers in Bangladesh: Evidence from panel data analysis, *Frontiers in Energy Research*, DOI: 10.3389/fenrg.2022.1101404
- M. E. Haque, M. A. R. Sarkar, **M. A. Islam**, M. I. Omar and M. S. Islam (2023) Preferences Analysis for Rice Variety and Development of Product Profile in the Hilly Ecosystems of Bangladesh, *Bangladesh Journal of Environmental Science*, Vol. 44, 49-56.
- Rahman, M.C., M.S. Rahaman, J. C. Biswas, N. M. F. Rahman, **M. A. Islam**, M.A.R. Sarkar, M. S. Islam, M. Maniruzzaman (2022) Climate change and risk scenario in Bangladesh. Climate change impacts on regional economics in South Asia, *Asia-Pacific Journal of Regional Science*, The Japan Section of the Regional Science Association International. <https://doi.org/10.1007/s41685-022-00252-9>
- Sarkar, M.A.R, M.C. Rahman, M.S. Rahaman, M.R. Sarker, **M.A. Islam**, J. Balie and M.S. Kabir (2022) Adoption Determinants of Exotic Rice Cultivars in Bangladesh. *Front. Sustain. Food Syst.* 6:813933. doi: 10.3389/fsufs.2022.813933
- Rahman, M. C., M. S. Rahaman, M. A. R. Sarkar, **M. A. Islam**, 2021. Spatial Co-integration and Speed of Adjustment among Rice Markets in Bangladesh, *Asian Journal of*

- Rahman, M. C., **M. A. Islam**, M. S. Rahaman, M. A. R. Sarkar, R. Ahmed, M. S. Kabir, 2021. Identifying the Threshold Level of Flooding for Rice Production in Bangladesh: An Empirical Analysis, Article provisionally accepted for the publication, *Journal of Bangladesh Agricultural University*.
- Rahaman, M. S., M. A. R. Sarkar, M. J. Kabir, L. Deb, M. C. Rahman, **M. A. Islam**, M. A. B. Siddique, 2020. Assessing the Effectiveness of Rice Procurement Programme and Farmers' Profitability in some Selected Areas of Bangladesh, *Bangladesh Rice Journal*, doi.org/10.3329/brj.v24i1.53238
- Rahaman, M. S., S. Haque, M. A. R. Sarkar, M. C. Rahman, M. S. Reza, **M. A. Islam**, M. A. B. Siddique. 2021. A Cost Efficiency Analysis of *Boro* Rice Production in Dinajpur District of Bangladesh, *Journal of Fundamental and Applied Agriculture*, Bangladesh.
- Hasan, M. R., **M. A. Islam**, H. Kameyama, H. Bai. 2020. Profitability and Technical Efficiency of Vegetable Production in Bangladesh, *Journal of Bangladesh Agricultural University*, Vol. 18(4). pp. 1042-1053.
- Rahaman, M. S., M. J. Kabir, M. A. R. Sarkar, **M. A. Islam**, M. C. Rahman, and M. A. B. Siddique. 2020. Factors Affecting Adoption of BIRRI Released *Aus* Rice Varieties in Mymensingh District. *International Journal of Agricultural Economics*, vol. 5(5)), 210-217.
- Rahaman, M. S., M. A. R. Sarkar, M. C. Rahman, M. J. Kabir, **M. A. Islam**, and M. A. B. Siddique. 2020. Drivers of Adoption of BIRRI Cultivars in *Boro* Season Among Farm Households of Mymensingh District, Bangladesh. *Journal of Bangladesh Agricultural University*, vol. 18(3), 660-666.
- Rahaman, M. S., M. J. Kabir, M. C. Rahman, M. A. R. Sarkar, **M. A. Islam**, M. A. Salam, M. I. Omar, M. S. Islam, and M. A. B. Siddique. 2020. Adoption determinants and constraint of BIRRI released Aman rice varieties: Evidence from Mymensingh District. *Journal of Bioscience and Agriculture Research*, vol. 25(01), 2085-2097.
- Kabir, M. J., **M. A. Islam**, M. C. Rahman, M. S. Rahaman, M. S. Kabir, and A. B. Siddique 2020. Diffusion of Wet Season (*T. Aman*) Rice Cultivars under Changed Environment in Northwest Bangladesh. *Bangladesh Rice Journal*, vol. 23 (1).
- Hasan, M.R., H.U. Bai, and **M. A. Islam**. 2014. Profitability of Important Summer Vegetables in Keranigonj Upazila of Bangladesh, *Journal of the Bangladesh Agricultural University*, Vol. 12(1).
- Alam, M. Shahe and **M. A. Islam**. 2013. Long term Assessment of Rice Production and Supply Scenario in Bangladesh: A Macro Dynamics, *Bangladesh Journal of Agricultural Research*, Vol. 36 (2). pp. 257-269.
- Rahman, M.C., M.A.B. Siddique, M.A. Salam, **M.A. Islam**, and M. S. Al-faisal. .2013. Assessment of Technical Efficiency of Rice Farmers in a Selected Empoldered Area in Bangladesh, *European Journal of Agricultural Sciences*, Bell Press, Vol.10, www.bellpress.org.

- Alam, M. Shahe, M.S. Islam and **M.A. Islam**. 2011. Farmers' Efficiency Enhancement through Input Management: The Issue of USG Application in Modern Rice, *Bangladesh Journal of Agricultural Research*. Vol. 36, No. 1.
- Alam, M. Shahe, M. A. Quayum and **M. A. Islam**. 2011. The Changing Crop Production Practices over the years: The Mystery of Economics, *Bangladesh Journal of Agricultural Research*, Vol. 36 (4). pp. 657-668.
- Alam, M. Shahe and **M. A. Islam**. 2011. Assessing the Effect of Arsenic Contamination on Modern Rice Production: Evidences from a Farm Level Study, *Bangladesh Journal of Agricultural Economics*, Vol. XXXIV (1&2).
- Alam, M. Shahe, M.A. Quayum and **M.A. Islam**. 2010. Crop Production in the Haor Areas of Bangladesh: Insights from Farm Level Survey, *The Agriculturist*, Vol. 8 (2), pp 88-97.
- Alam, M. Shahe, M.S. Islam, M.A. Salam and **M.A. Islam**. 2009. Economics of Alternate Wetting and Drying Method of Irrigation: Evidence from Farm Level Study, *The Agriculturist*, Vol. 7 (1 & 2).
- Haque, S., M.R. Hasan, **M.A. Islam**, N. Hoque and Moniruzzaman. 2007. Economic Analysis of Some Commercial Vegetables Production in a Selected Area of Bangladesh, *International Journal of BioResearch*, Vol. III (4).
- Hasan, M.R., S. Haque, **M.A. Islam** and M.N. Hoque. 2007. Marketing System of Some Selected Vegetables in Bangladesh, *International Journal of BioResearch*, Vol. III (4).
- Hasan, M.R., M.I.A.Miah, **M.A. Islam** and M.N. Uddin. 2006. Impact of PKSF Cattle Fattening Program on Income, Employment and Livelihood of Participating Farmers in Brahmanbaria and Kishoregonj Districts. *Bangladesh Journal of Extension Education*, Vol. 18 (1&2).

(b) Research reports:

- Islam, Md. Rafiqul, M. Shahe Alam, **M. Ariful Islam** and M. A. Salam. 2008. Rice Production Situations in Different Agricultural Regions of Bangladesh, BARC-BRRI collaborative research project, Agricultural Economics Division, Bangladesh Rice Research Institute, Gazipur-1701.
- Alam, M. Shahe, M. Jahangir Kabir, M. A. Salam, **M. Ariful Islam**, Rafiqul Islam and M. Z. Abedin. 2010. Socio economic Assessment of Arsenic Contamination in Some Selected Areas of Bangladesh, IRRI-BRRI collaborative research project report, Agricultural Economics Division, Bangladesh Rice Research Institute, Gazipur-1701.
- Islam, Md. Rafiqul, M.A. Salam and **M. Ariful Islam**. 2011. Searching of Cost Effective Rice Production Technology for Stress Prone Environments in Bangladesh: Targeting Replacement of Bolan by Subl Rice Varieties, BARC-BRRI collaborative project, Agricultural Economics Division, Bangladesh Rice Research Institute, Gazipur-1701.
- Siddique, Abu Bakr, Abdus Salam and **Ariful Islam**. 2011. Socio-Economic Scenario and Technology Need Assessment under Changing Climate in **Saline-prone areas** of Bangladesh, Agricultural Economics Division, Bangladesh Rice Research Institute, Gazipur-1701.

Siddique, Abu Bakr, Abdus Salam and **Ariful Islam**. 2011. Socio-Economic Scenario and Technology Need Assessment under Changing Climate in **Tidal Submergence areas** of Bangladesh, Agricultural Economics Division, Bangladesh Rice Research Institute, Gazipur-1701.

Islam, Md. Rafiqul, Abu Bakr Siddique, Abdus Salam and **Ariful Islam**. 2011. Socio-Economic Scenario and Technology Need Assessment under Changing Climate in **Drought Prone areas** of Bangladesh, Agricultural Economics Division, Bangladesh Rice Research Institute, Gazipur-1701.

Islam, Md. Rafiqul, M.A. Salam and **M. Ariful Islam**. 2011. Socio-Economic Scenario and Technology Need Assessment under Changing Climate in **Flood-prone areas** of Bangladesh, Agricultural Economics Division, Bangladesh Rice Research Institute, Gazipur-1701.

Rahman, Mohammad Chhiddikur, Md. Shajedur Rahaman, **Mohammad Ariful Islam**, Md. Imran Omar, Md. Abu Bakr Siddique, 2021. "Deployment Strategies for Golden Rice in Bangladesh: A Study on Affordability and Varietal Choice with the Target Beneficiaries," EconStor Preprints 241994, ZBW - Leibniz Information Centre for Economics.

(c) International Conference/seminar papers:

Alam, M. Shahe, **M. A. Islam**, T. Paris and Amie Cueno. 2011. Adaptation Strategies and Coping Mechanism Against Climate Change in Coastal Bangladesh. Paper presented in the 7th ASAE International Conference on 'Meeting the Challenges Facing Asian Agriculture and Agricultural Economics Towards a Sustainable Future', held in Hanoi, Vietnam during 13-15 October, 2011.

Alam, M. Shahe, J. Kabir, **M. A. Islam** and M.A. Salam. 2011. Effect of Arsenic Contamination on Rice production and human health: Insights from Farmers' perceptions. Paper presented in the 7th ASAE International Conference on 'Meeting the Challenges Facing Asian Agriculture and Agricultural Economics Towards a Sustainable Future', held in Hanoi, Vietnam during 13-15 October, 2011.

Alam, M. Shahe, J. Kabir, **M. A. Islam**, M.A. Salam and M.R. Islam. 2011. Effect of Arsenic Contamination on Rice Production and Human Health: Result from a Farm Level Survey. Paper presented in the International conference on "Science to Accelerate Universal Health Coverage," organized by ASCON 13th Annual Scientific Conference of ICDDR,B, held in Dhaka, Bangladesh, 14-17 March, 2011.

Alam, M. Shahe, J. Kabir, **M. A. Islam**, T. Paris and Amie Cueno. 2011. Adoption of Salt Tolerant Rice Varieties in Response to Climate Change in Salt Affected Areas of Bangladesh, Paper presented in the International conference on "Deltas under Climate Change: The Challenges of Adaptation," organized by Food and Agriculture Organization (FAO), International Water Management Institute (IWMI), IMHEN, SEI, World Fish Center, and IRRI, held in Hanoi, Vietnam, 2 - 4 March, 2011.

Biswas, J.K. David Dawn, M.A.Sombilla and **M. Ariful Islam**. 2010. Impact of ENSO Events on Rice Production in Bangladesh, Paper presented in the International seminar on "The Impact of ElNino Southern Oscillation (ENSO) Events on Cereal Production, Area and Yield," organized by the Southeast Asian Regional Center for Graduate Study and

Research in Agriculture (SEARCA) and The Food and Agriculture Organization (FAO), held in SEARCA, LosBanos, Leguna, Philippines, 25-27, October, 2010.

(d) National Conference/seminar paper:

Alam, M. S., M. K. Bashar and **M. A. Islam**. 2010. Productivity Enhancement and Food Security: The Issue of Increasing Rice Production Using Quality Seed, Paper presented in the Biennial Conference on Food Security in Bangladesh: Challenges for Extension Services, Organized by Bangladesh Agricultural Extension Society (BAES), held in BAU, Mymensingh, Bangladesh, 23-24 December, 2010.

(e) Popular Article:

Islam, M. Ariful, Dr. Jiban Krishna Biswas and Dr. Khairul Bashar. 2011. Food Autarky: Rice Dilemma, Paper published by The Daily Star, 20th Anniversary, Thursday, March 24, 2011.

(f) Book Chapter (s):

Kabir J.K., M.A.S. Mandal, M.S. Kabir, M.S. Salam, **M. A. Islam**, M.I. Omar, M.A.R. Sarkar, M.C. Rahman, A. Chowdhury, M.S. Rahaman, L. Deb, M.A. Aziz, M.A.B. Siddique (2020) Harvesting of Boro Paddy in Haor Areas of Bangladesh: Interplay of Local and Migrant Labour, Mechanized Harvesters and Covid-19 Vigilance in 2020, 40 pages. BRRI, Gazipur 1701, Bangladesh.

Siddique, M.A.B., J.C. Biswas, **M.A. Islam** and M.A. Salam. 2015. Implications of Climate Change, Population and Resource Scarcity for Food Security in Bangladesh. In: “Food Security Development: Countries Case Studies.” Edited by Udaya Sekhar Nagothu, Published by Routledge (Taylor & Francis Group), New York, USA.

Islam, M.R., **M.A. Islam**, M.S. Rahman, A. Salam, S. Alam, E. Harun, and M. Bool-Emerick. 2012. Patterns of adoption of improved rice varieties and farm-level impacts in stress-prone rainfed areas of Bangladesh, In: Pandey *et. al.*, editors. Patterns of adoption of improved rice varieties and farm-level impacts in stress-prone rainfed areas of South Asia, International Rice Research Institute (IRRI), Los Banos, Philippines, pp163-214.

10. Academic Research Works:

Doctoral course dissertation:

Islam, M.A. (2017) “**An Economic Study on the Efficiency and Welfare Impact of Modern Rice Production in Bangladesh**”, Dissertation submitted to the Division of Natural Resource Economics, Graduate School of Agriculture, Kyoto University, Kyoto, Japan.

Master’s course dissertation:

Islam, M.A. (2006) “**A Study on Economics of Fish Seed Production in Some Selected Areas of Bangladesh**”, Dissertation submitted to the Department of Agricultural Economics, Bangladesh Agricultural University (BAU), Mymensingh, Bangladesh.

11. Award(s):

Received Annual “Excellent” Paper Award, 2017 entitled “**Comparative Advantage and Cost Efficiency of Rice-Producing Farms in Bangladesh: A Policy Analysis**”, *Journal of Rural Problems*, 203 (Vol.52 (3)), September, 2016, pp. 85-96 under Association of Regional Agricultural and Forestry Economics (ARFE), Japan.

12. Co-supervisor of M.S. degree:

1. Suriya Jaman (2023) **Factors Affecting Consumers’ Purchasing Decision of Popular Rice Brands in Dhaka City**, Thesis submitted to Dept. of Agribusiness and Marketing, SAU, Dhaka-1207, year 2023.
2. Khaled Hasan Bappy (2025) **Comparative Profitability and Cost Efficiency of Wheat Blast Resistant Varieties in Selected Areas of Bangladesh**, Thesis submitted to Dept. of Agricultural Economics, BAU, Mymensingh-2202.

13. Examiner of M.S. degree:

- 1) Title: “**Profitability Analysis of Cage Fish Culture: A Study in Chandpur District, Bangladesh.**” Dept. of Development and Poverty Studies, SAU, Dhaka-1207, year 2019.
- 2) Title “**Financial Profitability of Ginger Cultivation in Some Selected Areas of Nilphamari District in Bangladesh.**” Dept. of Development and Poverty Studies, SAU, Dhaka-1207, year 2020.
- 3) Title: “**Poverty alleviation and inclusive market development (IMD) through contract farming: A farm level study on farmers in Belabo upazila of Narshingdi district**”, Dept. of Agribusiness and Marketing, SAU, Dhaka-1207, year 2021.
- 4) Title: “**Women empowerment through microfinance and micro enterprise in the selected area of Bogura district in Bangladesh**”, Dept. of Development and Poverty Studies, SAU, Dhaka-1207, year 2021.
- 5) Title: “**Factors influencing women participation in homestead poultry production in Narayangonj District of Bangladesh**”, Dept. of Development and Poverty Studies, SAU, Dhaka-1207, year 2021.
- 6) Title: “**Profitability Analysis of Boro Rice Cultivation in Some Selected Haor Areas of Kishoregonj District**”, Dept. of Development and Poverty Studies, SAU, Dhaka-1207, year 2022.
- 7) Title: “**Adoption of Agricultural Machineries at Farm level in Northan Bangladesh**”, Dept. of Agricultural Economics, BAU, Mymensingh-2202, year 2024.

14. Affiliated Research Supervisor of M.S. degree:

- 1) Department of Agricultural Economics, Faculty of Agricultural Economics and Rural Sociology, Bangladesh Agricultural University, Mymensingh, Bangladesh.
- 2) Department of Agribusiness and Marketing, Post Graduate Studies, Sher-e-Bangla Agricultural University, Sher-e-Bangla Nagar, Dhaka, Bangladesh.

3) Department of Agricultural Economics, Faculty of Post Graduate Studies, Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur, Bangladesh.

15. As a resource person in training program:

1. In-house training:

Participated as a resource speaker of “Introduction to Econometrics: A Hands-on Exercise” under the Division of Agricultural Economics, BRRI Head Quarter, Gazipur, 11 November 2019.

2. In-house training:

Participated as a resource speaker of “Hypothesis Testing (Part-1)” under the Division of Agricultural Economics, BRRI Head Quarter, Gazipur, 15 April 2019.

3. In-house training:

Participated as a resource speaker of “Elementary Statistics and Econometric Modeling: Hands-on Exercise using STATA” under the Division of Agricultural Economics, BRRI Head Quarter, Gazipur, 13 February 2018.

4. Rice production training:

Participated as a resource person of “One-week modern rice production training course”. Organized by BRRI Training Division. 2012

16. Internship Research Supervisor (Under graduate level):

1. Internship supervisor:

Acting as Supervisor of BS (Agril. Economics) Program student's internship, Agricultural Economics and Rural Development, BSMRAU, Salna, Gazipur, 2021.

2. Internship supervisor:

Acting as Supervisor of BS (Agril. Economics) Program student's internship, Agricultural Economics and Rural Development, BSMRAU, Salna, Gazipur, 2022.

3. Internship supervisor:

Acting as Supervisor of BS (Agril. Economics) Program student's internship, Agricultural Economics and Rural Development, BSMRAU, Salna, Gazipur, 2023.

4. Internship supervisor:

Acting as Supervisor of BS (Agril. Economics) Program student's internship, Agricultural Economics and Rural Development, BSMRAU, Salna, Gazipur, 2024.

5. Internship supervisor:

Acting as Supervisor of BS (Agril. Economics) Program student's internship, Agricultural Economics and Rural Development, BSMRAU, Salna, Gazipur, 2025.

6. Internship supervisor:

Acting as Supervisor of B.Sc. in Agril. Economics Program student's internship, Faculty of Agricultural Economics and Rural Sociology, BAU, Mymensingh-2202.

17. Training received:

A. Foreign Training:

Title	From	To	Venue	Country	Sponsoring Agency
Environmental and Natural Resource Economics	03/05/2010	20/05/2010	AITCC	Thailand	SANDEE, Nepal
Social Sciences Concepts and Tools for Technology Evaluation and Impact Assessment	23/11/2009	4/12/2009	IRRI	Philippines	IRRI-ACIAR

B. In-country training:

Title	From	To	Training venue	Sponsoring Agency
Awareness Building on Act and Policies of Bangladesh Agriculture	18/02/2024	20/02/2024	BARC Dhaka	Crop Division, BARC Dhaka
Legal Issues Related to International Trading of Agricultural Products	14/01/2024	18/01/2024	NATA Gazipur	NATA Gazipur
Application of Impact Assessment Methods in Agriculture	29/05/2022	02/06/2022	BARC Dhaka	BARC Dhaka
Training on Advanced Research Data Management and Refresh of Scientific Report Writing	04/10/2020	08/10/2020	BRRRI Gazipur	BRRRI, Gazipur
Public Finance Management	21/03/2021	25/03/2021	NATA Gazipur	NATA Gazipur
Impact Assessment of Agricultural Research and Development for NARS Scientists	12/06/2014	16/06/2014	BARI, Gazipur	BARI, Gazipur
24 th Foundation Training course for NARS Scientists	10/11/2013	09/03/2014	BARD, Comilla	BARC, Dhaka
Econometric Analysis through Different Computer soft-wares	06/06/2010	10/06/2010	BARC, Dhaka	BARC, Dhaka
Returns to Research Investment Analysis: Through Economic Model	05/04/2009	08/04/2009	BARC, Dhaka	BARC, Dhaka
One Month Rice Production Training Course	27/07/2008	25/08/2008	BRRRI, Gazipur	BRRRI, Gazipur
Hybrid Rice Development and Seed Production	06/04/2008	10/04/2008	BRRRI, Gazipur	BRRRI, Gazipur
Research Method and Data Analysis Using Computer Packages	16/03/2008	19/03/2008	BARC, Dhaka	BARC, Dhaka
Computer training Course on MS-Excel and SPSS	20/03/2005	05/04/2005	BAU, Mymensingh	BSERT, BAU

C. In-country Seminar/ Workshop:

Title	From	To	Venue	Sponsoring Agency
Science to Accelerate Universal Health Coverage	14/03/2011	17/03/2011	Pan Pacific Sonargoan, Dhaka	ICDDR,B Bangladesh
Training Workshop on Data Management for Household Survey	23/03/2009	25/03/2009	Bangladesh Agricultural University, Mymensingh	IRRI, Philippines (BMGF)

18. Membership of Different Associations:

- i) Life member, Bangladesh Agricultural Economist Association (BAEA), Bangladesh.
- ii) Krishibid Institution, Bangladesh (KIB).
- iii) Bangladesh Rice Research Institute Scientist Association (BRRISA), Bangladesh.
- iv) Association of Regional Agricultural and Forestry Economics (ARFE), Japan

19. References:

Seiichi Fukui, Ph.D. (Ph.D. Supervisor) Emeritus Professor Division of Natural Resource Economics, Graduate School of Agriculture Kyoto University, Kyoto, Japan E-mail: seifukui@hotmail.com	Rezaul Karim Talukder, Ph.D. (Master's Supervisor) Former Professor Dept. of Agricultural Economics Bangladesh Agricultural University, Mymensingh-2202, Bangladesh Mobile: +8801712147187 E-mail: rk_talukder@yahoo.com	M. Shahe Alam, Ph.D. Former Chief Scientific Officer & Head Agricultural Economics Division Bangladesh Rice Research Institute (BRRI), Gazipur-1701, Bangladesh E-mail: msalam_07@yahoo.com Mobile : +8801712025400
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I solemnly affirm that the above statements are true to the best of my knowledge and belief.

Date: 20/05/2025



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Dr. Mohammad Ariful Islam