

Prof. Dr. Md. Serazul Islam (অধ্যাপক ড. মোঃ সিরাজুল ইসলাম) -----**Professor, Agricultural Engineering (অধ্যাপক, কৃষি প্রকৌশল)****Dean, School of Agriculture and Rural Development (ডিন, কৃষি ও পল্লী উন্নয়ন স্কুল)****Member, Board of Governors (BoG), BOU****Chairman, Open University Laboratory School Management Committee, BOU****Ex. Director, Institutional Quality Assurance Cell, BOU****School of Agriculture and Rural Development (SARD)****Bangladesh Open University (BOU), Gazipur-1705, Bangladesh****Cell: +88 01716-798945 (WhatsApp) Phone: +88-02 996691110 (Dean Office)****PABX: +88-02 09666730730 Ex. 673 (Dean Office), 680 (Own)****e-mail: serazsard@bou.ac.bd; dean.sard@bou.ac.bd**BOU web link: <https://www.bou.ac.bd/SARDFacultyMember/197906250649>Google scholar ID: <https://scholar.google.com/citations?user=hGzXlwQAAAAJ&hl=en>Linkedin ID: <https://www.linkedin.com/in/dr-md-serazul-islam-797b3aa1/>ORCID ID: <https://orcid.org/my-orcid?orcid=0000-0001-9812-3559>*Home district: Rangpur, DoB: 25 June 1979; Married to Dr. Shahnaj Pervin, Scientist, BARI have one daughter and one son***Area of Specialization and Research Interest**

Smart Irrigation Technologies, Crop Cultivation with Optimum Water Uses, Integrated Water Resources Management, Flood Disaster and Risk Management, e-learning

Educational Qualification

- **Doctor of Engineering (D. Engg.) in Civil Engineering**, Graduate School of Engineering, Nagoya University, Japan under MEXT Fellowship, Oct 2009 to Sep 2012. **(Awarded)**
- **Master of Science (MS) in Irrigation and Water Management**, Bangladesh Agricultural University, Mymensingh, 2005. **(Top Position)**
- **Bachelor of Science (BSc) in Agricultural Engineering**, Bangladesh Agricultural University, Mymensingh, 2001 (Exam. held in 2003). **(First Class First)**
- **Higher Secondary School Certificate (HSC)**, Rajshahi Board, 1996. **(First Division)**
- **Secondary School Certificate (SSC)**, Rajshahi Board, 1994, **(First Division with Star)**

Professional Experiences

- May 2022 ~ to date: **Professor (Grade 2)**, Agricultural Engineering, SARD, BOU
- May 2018 ~ May 2022: **Professor (Grade 3)**, Agricultural Engineering, SARD, BOU
- May 2013 ~ May 2018: **Associate Professor**, Agricultural Engineering, SARD, BOU
- Sep. 2008 ~ May 2013: **Assistant Professor**, Agricultural Engineering, SARD, BOU
- Nov. 2005 ~ Sep. 2008: **Lecturer**, Agricultural Engineering, SARD, BOU

On-going Academic and/or Administrative Responsibilities/Duties

- **Dean, School of Agriculture and Rural Development (SARD)**, BOU from November 2025 to date
- **Member, Board of Governors (BoG)**, BOU from March 2025 to date
- **Member, Academic Council**, Bangladesh Open University from 30 June 2014 to 22 October 2017 & 18 May 2018 to date
- **Member, Works Committee**, Bangladesh Open University from 23 November 2025 to date
- **Chairman, School Committee of SARD**, BOU, from 23 November 2025 to date
- **Expert Member, Board of Studies, Department of MM, Gazipur Agricultural University** from 17 June 2026 to date
- **Expert Member, Quality Assurance Cell, Rajshahi University** from 01 January 2026 to date
- **Chairman, Research Coordination Committee of SARD**, BOU from 23 November 2025 to date
- **Chairman, Open University Laboratory School Management Committee**, BOU from October 2024 to date
- **Member, Research Ethical Committee**, BOU from 07 April 2022 to date
- **Chairman, Irrigation and Water Management Curriculum Committee**, BOU from 12 February 2026 to date
- **Chairman, Master in Sustainable Agriculture and Rural Livelihood (MSARL) Curriculum Committee**, BOU from 12 February 2026 to date

- **Chairman, Agriculture Discipline Curriculum Committee**, BOU from 12 February 2026 to date
- **Chairman, Certificate in Fruits and Vegetables Processing Curriculum Committee**, BOU from 12 February 2026 to date
- **Chairman, BSc Agriculture (Hon's) Curriculum Committee**, BOU from 12 February 2026 to date
- **Member of Language, Education and Others Curriculum Committee**, BOU from 12 February 2026 to date
- **Member of Youth Development Related Curriculum Committee**, BOU from 12 February 2026 to date

Past Academic and/or Administrative Responsibilities/Duties

- **Director, Institutional Quality Assurance Cell (IQAC)**, BOU from Oct 2024 to Nov 2025
- **Course Director, Professional Development Training for University Faculty under HEAT Project, UGC** from October 2025 to February 2026
- **Member, BOU Laboratory School Management Committee**, BOU from 16 May 2022 to October 2024
- **Coordinator, Master in Sustainable Agriculture and Rural Livelihood (MSARL) Program**, BOU from 12 March 2024 to 12 February 2026
- **Coordinator, Irrigation and Water Management Program**, BOU from 20 April 2017 to 12 February 2026
- **Coordinator, Bachelor of Agricultural Education (BAgEd) Program**, BOU from 04 May 2009 to 30 September 2009 (1st time) 01 July 2019 to 22 April 2024 (2nd time)
- **Member, Academic Team of e-learning Center (School Representative)**, BOU from 08 March 2017 to 01 March 2021
- **Convener, Agro Processing Sub-Committee** of Master in Sustainable Agriculture and Rural Livelihood (MSARL) Program, BOU from 07 May 2017 to 30 June 2019
- **Member, Field Laboratory Establishment Committee**, SARD, BOU in 2016 & 2017
- **Convener, Sub-Committee for BAgEd Course Books Update (Agricultural Engineering Group)**, SARD, BOU in 2014 & 2015
- **Convener, Sub-Committee for BAgEd Course Books Update (Computer Group)**, SARD, BOU in 2014 & 2015
- **Convener, Syllabus and Course Layout Preparation committee for MS in Irrigation and Water Management**, SARD, BOU from 28 May 2014 to 08 September 2015
- **Coordinator of Media**, SARD, BOU (Co-ordinate TV and Radio program preparation act as a member of preview committee, prepare TV and Radio telecast schedule etc.) from 20 March 2013 to 19 April 2015
- **Member Secretary, Position Paper Preparation Committee** for the Master in Sustainable Agriculture and Rural Livelihood Program, SARD, BOU from 03 March 2014 to 28 April 2014
- **Member, Regulation Preparation Committee** for the Master in Sustainable Agriculture and Rural Livelihood Program, SARD, BOU from 17 November 2014 to 15 December 2014
- **Member of BSc Ag. (Hons) Draft Syllabus & Curriculum Preparation Committee**, SARD, BOU from 29 August 2008 to 30 September 2009

Research Project Experiences as Chief Investigator

1. **Islam, M.S.** 2025-2026. Water-Saving Deficit Drip Irrigation Approaches for Yield and Water Productivity Optimization in Sugar Beet, BOU internal fund, (On-going).
2. **Islam, M.S.** 2024-2025. Assessing growth, yield, and water productivity of cauliflower varieties under deficit drip irrigation versus conventional surface methods with grass straw mulches, BOU internal fund, Finished.
3. **Islam, M.S.** 2023-2024. Optimizing deficit irrigation and organic mulching to improve cherry tomato growth, yield and water productivity, BOU internal fund, Finished.
4. **Islam, M.S.** 2022-2023. Response of irrigation methods and soil mulches on growth, yield and water productivity of broccoli, BOU internal fund, Finished.
5. **Islam, M.S.** 2020-2021. Influences of irrigation and organic manures on performance of cauliflower growth and yield under drip irrigation and black polyethylene mulching, BOU internal fund, Finished.
6. **Islam, M.S.** 2019-2020. Effect of growth, yield and quality of strawberry under irrigation and soil mulches for different cultivation environments, BOU internal fund, Finished.
7. **Islam, M.S.** 2018-2019. Effects of irrigation and mulching on tomato yield under raised bed and furrow irrigation, BOU internal fund, Finished.

International Research Project

On-going

- Researcher with Financial Signatory at MAGENDA Research Project funded by Europe Union (EU)
- Deputy Director (Administration and Procurement) of BOU EARN CELL for skilling out-of-school youth NEET of the secondary level. In collaboration with DYD and funded by World Bank.

Past Experiences

- Research coordinator for the project of “Study on functional and conservational investigation of river embankments in Bangladesh” from April 2007 to Sep 2009 (**Mie University, Japan**).

List of Publications

1. **Islam MS**, Hossain MF, Pervin S. (2025). Enhancing Cherry Tomato Growth and Yield through Deficit Drip Irrigation and Organic Mulching Strategies. *4th Conference of Recent Trends in Science, Technology and Innovation* 19-21 March 2025, Pokhara, Nepal, pp 30.
2. Pervin S, **Islam MS**, Khan MHH, Molla MM, Chowdhury MGF. (2025). Preservation of Aonla by Osmotic Dehydration Method. *4th Conference of Recent Trends in Science, Technology and Innovation* 19-21 March 2025, Pokhara, Nepal, pp 29.
3. Hossain MF, **Islam MS**. (2024). Impact of Transplants Age on the Nutritional Quality of Cherry Tomatoes. *Journal of Food and Agriculture* 17(2):1-15. **Sri Lanka**.
4. Hossain MF, **Islam MS**. (2024). Effects of Organic and Inorganic Fertilizers and Their Combination on Growth, Yield and Quality of Broccoli (*Brassica Oleracea* L. var. *italica*). *International Journal of Horticulture, Science and Technology (IJHST)*. 11(4):515-522. **Iran**.
5. **Islam MS**, Hossain MF, Pervin S. (2023). Enhancing Broccoli (*Brassica oleracea* var. *italica*) Growth, Yield and Water Productivity through Irrigation and Mulching Techniques in Local Climate. *Asian Journal of Agricultural and Horticultural Research*, 10(4): 440-454. **India**.
6. **Islam MS**, Pervin S. (2023). Enhancing Cauliflower Growth, Yield, and Water Management: Effects of Drip Irrigation and Manures under Black Polyethylene Mulching in a Local Climate. *International Journal of Agriculture & Environmental Science*, 10(5): 1-15. **Egypt**.
7. **Islam MS**. (2023). Effects of raised bed furrow irrigation and various mulching techniques on the growth, yield and water use efficiency of tomato cultivation. *International Journal of Horticultural Science and Technology* 10(1): 33-40, **Iran**.
8. Hossain MF, **Islam MS**. (2023). Floating agriculture: Local innovative crop production technology for the submerged ecosystem of the coastal region of Bangladesh. 2nd International Conference on Prospects and Challenges of Environment and Biological Sciences in Food Production System for Livelihood Security of Farmers (ICFPLS–2023) September 18–20, 2023 ICAR-CIARI, Port Blair, Andaman & Nicobar Islands, India.
9. **Islam MS**, Pervin S, Haque MA. (2022). Effects of irrigation and soil mulching in different growing environments on strawberry yield and quality. *International Journal of Agriculture and Environmental Research* 8(2): 347-357, **India**.
10. Pervin S, Aziz MG, **Islam MS**, Miaruddin M. (2021). Effect of various combinations of sodium chloride and sucrose concentrations on the quality of plum pickle during storage. *Annals. Food Science and Technology* 22(3): 263-273, **Rumania**.
11. Pervin S, Aziz MG, **Islam MS**, Miaruddin M. (2021). Influence of various sucrose concentrations on the quality of prepared plum chutney during storage. *Advances in Food Science and Technology* 9(1): 1-7, **UK**.
12. Parves M, **Islam MS**, Biswas SK. (2021). Assessment of wastewater irrigation practices and soil properties in the Gazipur district of Bangladesh. *Scholars Journal of Engineering and Technology* 9(7): 93-101, **India**.
13. Pervin S, **Islam MS**, Khan MHH, Molla MM, Chowdhury MGF. (2020). Influence of chitosan on postharvest quality and storability of papaya (*Carica papaya* L.) fruit. *BOU J Agric Rural Dev* 12(2): 33-42, **Bangladesh**.
14. **Islam MS**. (2019). Causes of flood and mitigation practices in Bangladesh. *BOU J Agric Rural Dev*

11(1): 83-92, Bangladesh.

15. Pervin S, **Islam MS**, Miaruddin M. (2018). Influence of Blanching on the Nutritional Quality and Shelf Life of Yard Long Bean. *Research & Reviews: Journal of Food Science & Technology* **7(2)**: 27-33, **India**.
16. **Islam MS**. (2018). Experimental investigation on failure behavior of levee based on its bed material and river bed height relative to floodplain level. *BOU J Agric Rural Dev* **10(1)**: 65-74, **Bangladesh**.
17. Hossain MF, **Islam MS**. (2018). Impact of climatic factors and water management on crop production in Bangladesh. *BOU J Agric Rural Dev* **10(1)**:1-9, **Bangladesh**.
18. Pervin S, Miaruddin M, **Islam MS**. (2017). Packaging Effect on the Quality and Storage Stability of Processed Ginger Paste. *Journal of Scientific and Engineering Research* **4(12)**:1-9, **India**.
19. Pervin S, Miaruddin M, **Islam MS**, Rahman MM, Khan MHH. (2017). Blanching effect on the quality and shelf life of pea. *Journal of Postharvest Technology* **5 (2)**: 47-54, **India**.
20. **Islam MS**, Tsujimoto T. (2015). Levee breaching process of a river and disaster on floodplain. *American Journal of Civil Engineering and Architecture* **3 (2)**: 39-44, **USA**.
21. **Islam MS**, Pervin S, Tsujimoto T, Tashiro T. (2015). Laboratory investigation on levee breach and risk on floodplain of alluvial fan river. *Journal of Multidisciplinary Engineering Science and Technology* **2 (10)**: 2886-2894, **Germany**.
22. **Islam MS**, Tsujimoto T. (2015). Numerical simulation on breach evolution process of a river levee by overtopping. *Journal of Emerging Trends in Engineering and Applied Sciences* **6(1)**: 12-18, **UK**.
23. **Islam MS**, Tsujimoto T. (2015). Experimental and numerical approaches to overtopping levee breach effects in a river and floodplain. *American Journal of Civil Engineering* **3(2)**: 31-42, **USA**.
24. **Islam MS**, Pervin S, Khair MA, Khan LR. (2015). Performance and operation suitability of developed hand and pedal pump for low-lift Irrigation. *Journal of Multidisciplinary Engineering Science and Technology* **2(2)**: 233-239, **Germany**.
25. Pervin S, Miaruddin M, **Islam MS**, Rahman MM, Khan MHH. (2015). Effect of Blanching on the Quality of Frozen Product of Carrot. *Research & Reviews: Journal of Food Science & Technology* **4(3)**:1-9, **India**.
26. Pervin S, Miaruddin M, **Islam MS**, Chowdhury MGF, Rahman MM, Khan MHH. (2015) Standardization of bottling process for sweet corn. *Annals. Food Science and Technology* **16 (2)**: 236-242, **Rumania**.
27. Pervin S, **Islam MS**, Akanda AR, Rahman MS. (2014). Fertigation influence on the yield and quality of strawberry. *International Journal of Sustainable Crop Production* **9(1)**: 16-22, **Bangladesh**.
28. Pervin S, **Islam MS**, Akanda AR, Rahman MS, Mila AJ. (2014). Effect of irrigation levels on the yield of groundnut. *International Journal of Experimental Agriculture* **4(1)**: 17-21, **Bangladesh**.
29. **Islam MS**, Tsujimoto T. (2013). Levee breach with phenomena on river, levee and floodplain – effect of bed materials, *Proceedings of 4th International Conference on Water and Flood Management (ICWFM 2013)*, March 9-11, BUET, Dhaka, **Bangladesh**.
30. **Islam MS**, Tsujimoto T. (2013). Levee breach and successive disaster depending on landscape management on floodplain. *Advances in River Sedimentation Research*, pp. 2021-2026, Taylor & Francis, **England**.
31. Tsujimoto T, **Islam MS**. (2013). Danger of levee breach in river with higher relative river bed suggested by small-scale laboratory experiments and numerical analysis. *Advances in River Sedimentation Research*, pp. 2027-2033, Taylor & Francis, **England**.
32. **Islam MS**, Tashiro T, Tsujimoto T. (2012). Laboratory Experiments on Levee Breach and Inundation in Low-land Floodplain with Particular Reference to Relative Height of River Bed to Floodplain. *International Review of Civil Engineering* **3(3)**: 251-258, **Italy**.
33. **Islam MS**, Tsujimoto T. (2012). Comparisons of levee breach and successive disasters in floodplain between Bangladesh and Japan. *Procedia Engineering* **28**: 860-865, Elsevier publication, **China**.
34. **Islam MS**, Tsujimoto T. (2012). Numerical approach to levee breach as a key of Flood disasters in

low land. *International Journal of Civil Engineering* 4 (1): 23-39, **India**.

35. Tsujimoto T, Tashiro T, **Islam MS** & Yoshiike T. (2012). Effect of river bed height from floodplain level on levee breaching process through small-scale experiments - Risk of disaster by levee breach in "Tenjo-Gawa" segment. *Advances in River Engineering* 18:381-386, **JSCE, Japan**.
36. **Islam MS**, Tsujimoto T. (2011). Characteristics of flood disasters in low floodplain along a big river due to overflow levee breach. *International Journal of GEOMAT* 1 (1): 52-63, **Japan**.
37. Pervin S, **Islam MS**, Islam MN. (2009). Kinetics of air drying of common carp (*Cyprinus Carpio*) and their composition analysis. *Journal of Agricultural Engineering* 36/AE: 101-108, **Bangladesh**.
38. Pervin S, **Islam MS**, Islam MN. (2008). Study of rehydration characteristics of Lablab bean seeds. *Journal of Agriculture and Rural Development* 6(1&2): 157-163, **Bangladesh**.
39. **Islam MS**, Tsujimoto T. (2011). Numerical study on characteristics of levee breach flood disasters in alluvial floodplain. *Proceedings of International Conference on Geotechnique, construction materials and environment* 1: 547-552, 21-23, November, Tsu city, Mie, **Japan**
40. Pervin S, **Islam MS**, Islam MN. (2007). Kinetics of drying of Lablab bean seeds and their composition analysis. *International Journal of BioResearch* 3(3) 56-63, **Bangladesh**.
41. **Islam MS**, Hossain MZ, Khair A. (2007). Design and development of pedal pump for low-lift irrigation. *Journal of Agriculture and Rural Development* 5(1&2): 116-126, **Bangladesh**.
42. **Islam MS**. (2006). Effect of abstraction on permeability and hydraulic gradient in a simulated unconfined aquifer using sand tank model. *Journal of Agriculture and Rural Development* 4 (1&2) 143-148, **Bangladesh**.
43. Islam MT, **Islam MS**, Hoque MN. (2006). Properties of some selected soil under Mymensingh district in Bangladesh. *Journal of Agriculture and Rural Development* 4(1&2): 149-153, **Bangladesh**.

PhD Student Supervised

PhD Thesis (proposed) in Irrigation and Water Management: No. of Student- 01 (One)

Optimizing Boro rice water productivity through comparative evaluation of irrigation strategies, seasonal solar irradiance, and pumping technologies

Masters Student Supervised [MS in IWM- 07 & MSARL-18]

MS Thesis in Irrigation and Water Management: No. of Student- 07 (Seven)

1. Evaluation of wastewater irrigation practice and soil properties at Sutrapur union in Kaliakair Upazilla (1st Batch_ July-December 2019 by Masud Parves_18-2-48-999-001)
2. Improvement of drainage systems from Sonadanga to Moyur bridge in Khulna city (2nd Batch_ July-December 2020 by Md. Saiful Islam_19-2-48-999-001)
3. Assessment of water distribution systems for selected district meter area of Dhaka city (2nd Batch_ July-December 2020 by A.S.M Shahbubul Alam_19-2-48-999-002)
4. Study on design and evaluation of low lift pump with buried pipe irrigation system for reducing diesel pump dependency at Singair upazilla in Manikganj (3rd Batch_ July-December 2023 by Md. Nazmul Hasan_21-1-48-999-001)
5. Subsurface lithology, grain size, and geotechnical controls on groundwater in the Inani anticline, Cox's Bazar (3rd Batch_ July-December 2023 by Md. Ariful Islam_21-1-48-999-002)
6. Assessment of sub-surface lithology and aquifer geometry of the Chattogram District, Bangladesh (3rd Batch_ July-December 2023 by Md. Abdul halim_21-1-48-999-003)
7. Geospatial Analysis of the Morphological Dynamics of the Feni River for Effective Riverbank Management (4th Batch_ July-December 2024 by Md. Shoriful Islam_23-2-48-999-001)

Project Report of Master in Sustainable Agriculture and Rural Livelihood: No. of Student-18 (Eighteen)

1. Factors contributing farmers' decision to grow vegetable-based farming systems at Gazipur sadar in Bangladesh (1st batch_ January-June 2021 by Nasrin Jahan_19-2-46-999-004)
2. Analysis of irrigation practices and factors influencing farmers' decision to grow tea in the northern region of Bangladesh (1st batch_ January-June 2021 by Md. Aktarul Islam_19-2-46-999-022)

3. Prospect of an integrated hill farming system in the Sylhet region of Bangladesh (1st batch_January-June 2021 by Md. Ashfaqur Rahman_19-2-46-999-031)
4. Analysis of water saving irrigation practices and factors influencing farmers' toward *Boro* rice cultivation in Kurigram district in Bangladesh (1st batch_January-June 2021 by Md. Mahabubul Ferdows_19-2-46-999-039)
5. Livelihood status of Sharankhola upazila in Bagerhat utilization with sustainable and climate-adapted farming system (2nd batch_July-December 2021 by Md. Majedul Bari_20-1-46-999-019)
6. Factors Contributing Farmers' Decision to Adopt Maize-Based Farming Systems at Kachua Upazilla, Chandpur Bangladesh (2nd batch_July-December 2021 by Soniya Akter_20-1-46-999-022)
7. Adaptive capacities in the livelihoods of coastal communities through climate-resilient farming system in Assasuni upazila, Satkhira (3rd batch_January-June 2022 by Soniya Akter_20-2-46-999-014)
8. Strengthening climate-resilient agriculture to increase production among vulnerable farmers in the bill region of Madaripur (3rd batch_January-June 2022 by Ashru Biswas_20-2-46-999-026)
9. Assessment of land use dynamics and socioeconomic sustainability among jhum cultivators in Khagrachhari (3rd batch_January-June 2022 by Mohammad Ismail Hossan_20-2-46-999-035)
10. Assessment of social vulnerabilities and livelihood challenges of tea garden workers in Moulvibazar (3rd batch_January-June 2022 by Md. Mosiur Rahman_20-2-46-999-039)
11. Study on the integration of salt-tolerant rice varieties for sustainable livelihoods in Cox's Bazar (3rd batch_January-June 2022 by Mohammed Zahidul Islam_20-2-46-999-040)
12. Farmers' Perceptions on Salinity and Heat Shock Effects on Salt Tolerant Rice in Changing Climate at Patiya, Chottagram (4th batch_July-December 2023 by SM Zahedul Hoque_22-1-46-999-015)
13. Assessing the Influence of Climate-Smart Agriculture Adoption on Safe Food Production in Ukhiya, Cox's Bazar (4th batch_July-December 2023 by Md. Fahim_22-1-46-999-016)
14. Understanding Farmers' Perceptions and Practices in Boro Rice Cultivation in Barura, Comilla (4th batch_July-December 2023 by Md. Mahbub Miah_22-1-46-999-026)
15. Evaluating Climate-Smart Agriculture Adoption's Impact on Rice Variety Selection and Production in Borishal (4th batch_July-December 2023 by Md. Nurul Islam Sikder_22-1-46-999-030)
16. Livelihood Status and Job Satisfaction of Secondary School Teachers in Rural and Urban Areas of Sylhet (5th batch_January-June 2025 by Abdul Zolil_23-2-46-999-012)
17. Study on the Livelihood Status of Public and Private School Teachers of Sylhet (5th batch_January-June 2025 by Md. Robiul Islam_23-2-46-999-013)
18. A Weather-Driven Simulation Model for *Boro* Rice Yield Prediction in Bangladesh under Continuous Flooding Irrigation (5th batch_January-June 2025 by S.M. Mahbub Alam_23-2-46-999-028)

Editorial Experiences

- Working as **Editor, Journal of Agriculture and Rural Development**, Bangladesh Open University from 23 November 2025 to date; & Member of EB 26 September 2021 to 22 Nov 2025
- Working as **Associate Editor, Institutional Engineering and Technology**, Green Global Foundation Journals (<http://ggfjournals.com/content/editorialBoard/iet>) from 2013

Study Material Developed

- Editor (3rd edition). 2009. Farm Machineries (BAE 2303), SARD, BOU
- Editor (2nd edition). 2009. Irrigation System and Management (BAE 3202), SARD, BOU
- Editor (2nd edition). 2009. Fundamentals of Computer and Its Uses (BAE 5208), SARD, BOU

Video and Audio Programs

- No of video program: 30
- No of audio program: 24

Training/Short Course/Workshop after Joining at BOU

- **Information Right Act-2009 implementation and guidelines at BOU related workshop** organized by BOU at Gazipur campus on 28 June 2022.
- **OBE curriculum concept-model & development strategy related workshop** organized by IQAC, BOU at Gazipur campus on 6-7 June 2022.
- **Teaching learning process and assessment for quality education related training** organized by

IQAC, BOU at Gazipur campus on 01 June 2022.

- **Curriculum development: Format, content and implementation related workshop** organized by IQAC, BOU at Gazipur campus on 19 May 2022.
- **Citizen charter work planning implementation training workshop** organized by BOU at Gazipur campus on 12 May 2022.
- **GPRS software related training workshop** organized by BOU at Gazipur campus on 31 March 2022.
- **GPRS software related training** organized by BOU at Gazipur campus on 27 December 2021.
- **APA: preparation and implementation training workshop** organized by BOU at Gazipur campus on 12 December 2021.
- **Commonwealth higher education consortium for youth work training workshop** partnership between Commonwealth Secretariat, University of West Indies, COL and BOU at BRAC CDM, Gazipur from 20-22 November 2019.
- **Workshop on e-learning: Use of Moodle** organized by International University of Business Agriculture and Technology (IUBET) on 25 February 2018.
- **National Conference on Food Security in Bangladesh** organized by Interdisciplinary Centre for Food Security (ICF) Bangladesh Agricultural University from 07-08 October, 2017.
- **OER Capacity Building Programme for BOU Academics** jointly organized by Bangladesh Open University and CEMCA from 03-05 April, 2017.
- **ICT and e-learning System** jointly organized by Bangladesh Open University and KOICA from 15-28 May, 2013.
- **Research Methodology for Social Science Researchers** sponsored by Bangladesh Academy for Rural Development (BARD) and participant organization, organized by BARD, Comilla from 6-24 April, 2008.
- **Fourth Gender and Development Course** organized Bangladesh Public Administration Training Centre (BPATC), Dhaka from 16-20 March, 2008.
- **Production of Quality Mixed Media Courseware for Open and Distance Learning (ODL)** under the auspices of the Bangladesh Open University, UNESCO and CEMCA from 2-6 March, 2008.
- **Academic and Research Writing/Editing** organized by Bangladesh Open University from 19-22 November, 2007.
- **Tutor Training Workshop on Diploma in Youth in Development Work** organized jointly by CYP Asia Center and Bangladesh Open University from 27-29 March, 2007.
- **Capacity Building for Open and Distance Learning (ODL) Materials** organized by Bangladesh Open University from 12-19 March, 2006.

Recognition and Merit Awards

- **Professor S. M. Nazmul Haque Smrithy Gold Medal** (2014) from Bangladesh Agricultural University (BAU), Mymensingh
- Awarded **Monbukagakusho Scholarship** from the Japanese Government 2009 to 2012
- **University Prize** (2011) for securing first position in BSc Agricultural Engineering from BAU, Mymensingh
- **Md. Nurul Hossain Gold Medal** (2001) in recognition of meritorious performance in obtaining graduation degree among all faculties in the year of 2001 in BAU.
- **Ramapathi Nath Memorial Award** (2000) in recognition of securing the highest cumulative marks in part 1 to final examinations in the faculty of Agricultural Engineering and Technology in the year of 2000.
- **American Association of Bangladeshi Engineers and Architect (AABEA) Scholarship** (2001)

Member of professional and learned bodies

- Member, Engineering Institution of Bangladesh (IEB), Bangladesh.
- Member, Bangladesh Society of Agricultural Engineering (BSAE), Bangladesh.
- Member, Krishibid Institution of Bangladesh.
- Member, Japanese Society of Civil Engineering (JSCE), Japan.



(Prof. Dr. Md. Serazul Islam)