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School of Agriculture and Rural Development (SARD)
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Area of Specialization and Research Interest

Agronomy, Crop production technology, Climate change, Agricultural Education, Open & Distance Learning, Media program

Educational Qualification

- Doctor of Philosophy (PhD) (2008)
- Master of Science (MS) in Agronomy (1995)
- Bachelor of Science in Agriculture (1990)

Professional Experiences

- **Professor (Agriculture)**, School of Agriculture and Rural Development (SARD), Bangladesh Open University (BOU): 2013-present
- **Associate Professor (Agriculture)**, SARD, BOU: 2010-2013
- **Associate Professor (Agronomy)**, Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur 2008-2010
- **Assistant Professor (Agronomy)**, HSTU, Dinajpur- 2004-2008
- **Lecturer (Agronomy)**, HSTU, Dinajpur: 1997-2004
- **Farm Superintendent (Farm Division)**, HSTU, Dinajpur: 1996-1997

List of Publications

1. S. M. E. Hassan, M. Sq. Rahman, **M.F. Hossain**, M. R. Amin and M. M. Alam. 2000. Evaluation of Planting Density and Nitrogen on the Performance of Kaon [*Setaria italica* (L.) Beauv]. Pakistan Journal of Biological Sciences. 3 (11): 1863- 1864. [DOI: [10.3923/pjbs.2000.1863.1864](https://doi.org/10.3923/pjbs.2000.1863.1864)].
2. **M.F. Hossain**, M.S.U. Bhuiya and M.A. Hasan. 2001. Effect of Age of Seedling and Method of Transplanting on the Yield and Yield Components of Aus rice. Bangladesh Journal of Agricultural Sciences. 28 (2): 359-365.
3. **M.F. Hossain**, M.S. Bari, U.K. Majumder, M. M. Bahdur and M.J.Islam 2002. Effect of Tillage, Raking and Weeding on the Growth, Yield and Economics of Aus Rice (cv.BR 20). Pakistan Journal of Agronomy. 1 (2-3): 68-70. [DOI:[10.3923/ja.2002.68.70](https://doi.org/10.3923/ja.2002.68.70)].
4. M.S.H. Khan, M.J. Abedin Mian, A. Akhter, **M. F. Hossain** and M.S. I. Sikder. 2002. Effect of Long Term Fertilization and Cropping on Micronutrient Actions of Soils in Bangladesh. Pakistan Journal of Biological Sciences. 5 (5): 543-544. [DOI: [10.3923/pjbs.2002.543.544](https://doi.org/10.3923/pjbs.2002.543.544)].

5. M. S. Akter, M. A. Matin, **M.F. Hossain**, U.K. Majumder and S. C. Halder. 2003. Effect of Tillage Practices and Nitrogen Rates on the Nitrogen content and Nitrogen Uptake in Rice var. Binasail. Pakistan Journal of Biological Sciences. 6 (14): 1202-1204. [DOI: 10.3923/pjbs.2003.1202.1204].
6. M.S. Akter, **M.F. Hossain**, U.K. Majumder, M.S.I. Sikder and M.M.A.A. Chowdhury. 2003. Effect of Tillage Practices and Nitrogen Rates on the Organic Matter (%) and N (%) Content in Soil. Pakistan Journal of Biological Sciences. 6(24): 2017-2019. [DOI: 10.3923/pjbs.2003.2017.2019].
7. **M.F. Hossain**, M.S. Akter, U.K. Majumder, M.S.I. Sikder and M.M.A.A. Chowdhury. 2004. Effect of Tillage Practices and Nitrogen Levels on the Physical Properties of Soil. Pakistan Journal of Biological Sciences. 7 (11):1876-1879. [DOI: 10.3923/pjbs.2004.1876.1879].
8. **M.F. Hossain**, M.A. Kabir, U.K. Majumder, M.S.I. Sikder and M.M.A.A. Chowdhury. 2005. Influence of Irrigation and Nitrogen Level on the Yield of Wheat. Pakistan Journal of Biological Sciences. 8(1):152-155. [DOI: 10.3923/pjbs.2005.152.155].
9. **M.F. Hossain**, M. S. U. Bhuiya and M. Ahmed. 2005. Morphological and agronomical attributes of modern and some local and aromatic rice varieties of Bangladesh. Asian Journal of Plant Sciences. 4 (6):664-666. [DOI: 10.3923/ajps.2005.664.666].
10. **M.F. Hossain**, M. S. U. Bhuiya, M. Ahmed and M. H. Mian. 2005. Influence of transplanting date on the yield attributes and field duration of aromatic rice varieties during T. *aman* season. Bangladesh Journal of Crop Science. 16 (2):269-275.
11. M.A. Salam, M.K. Alam, M.R. Amin and **M. F. Hossain**. 2005. Effect of age of seedling and spacing on the performance of BRRI dhan32. Bangladesh Journal of Agricultural Sciences. 32 (2): 227-232.
12. K.C. Roy, M.S. Zaman, M. A. Salam, M.S. Bari and **M.F. Hossain**. 2006. Performance of multipurpose trees and field crops under different management practices in an agroforestry system. Journal of National Science Foundation of Sri Lanka 34(1): 15-19. [DOI: 10.4038/jnsfsr.v34i1.2071].
13. **M.F. Hossain**, M. S. U. Bhuiya, M. Ahmed and M. H. Mian. 2006. Influence of planting method on the yield and yield attributes of aromatic rice. Bangladesh Journal of Crop Science. 17(1): 87-91.
14. **M.F. Hossain**, M. S. U. Bhuiya, M. Ahmed and M. H. Mian. 2006. Effect of organic and inorganic fertilizer on the yield and yield attributes of aromatic rice. Bangladesh. Journal of Agroforestry and Environment. 2(2): 63-68.
15. **M. F. Hossain**, M. S. U. Bhuiya, M. Ahmed and M. H. Mian. 2007. Chemical and physical properties of aromatic rice varieties as influenced by transplanting date in transplant *aman* season. Journal of National Science Foundation of Sri Lanka 35(2): 127-132. [DOI:10.4038/jnsfsr.v35i2.3677].
16. Ho **M.F. Hossain**, Bhuiya, M.S.U., Ahmed, M. and M.H. Mian 2006. Influence of planting method on the yield and physicochemical properties of aromatic rice. Thai Journal of Agricultural Science. 39 (1&2):45-50. [https://www.thaiscience.info/journals/Article/TJAS/10469549.pdf],
17. **M.F. Hossain**, Bhuiya, M.S.U., Ahmed, M. and M.S. Bari. 2007. Influence of storage structure and storage duration on the seed quality of aromatic rice Bangladesh J. Seed Sci. & Tech. 11 (1&2):81-84.
18. **M.F. Hossain**, M.S. Islam, M.M. Rahman, M.O. Faruq and M.G. Ershad. 2008. Yield and quality performance of some aromatic rice varieties of Bangladesh. Journal of Agroforestry and Environment. 2(2):155-158. [https://www.academia.edu/15192562/Yield_and_quality_performance_of_some_aromatic_rice_varieties_of_Bangladesh].

19. **M.F. Hossain**, Bhuiya M.S.U. and Ahmed, M. 2008. Effect of harvesting time on the yield and quality of aromatic rice seeds. *Bangladesh Journal of Seed Science and Technology*.12 (2):203-206.
20. **M.F. Hossain**, and M.S.I. Sikdar. 2009. Performance of aromatic rice varieties under different transplanting date in *aman* season. *Journal of Agroforestry and Environment*. 3(1):41-44. [<https://jagroforenviron.com/wp-content/uploads/2018/09/11.-Performance-of-aromatic-rice-varieties-under-different-transplanting-date-in-aman-season.pdf>].
21. M.M. Aktar, M.A. Rahman and **M.F. Hossain**. 2009. Influence of planting methods and weed control measures on the yield and yield attributes of aromatic rice in *aman* season.2009. *Journal of Agroforestry and Environment*. 3(1):53-56. [https://www.researchgate.net/publication/286301573_Influence_of_planting_methods_and_weed_control_measures_on_the_yield_and_yield_attributes_of_aromatic_rice_in_aman_season/link/5667ab4c08ae34c89a025e36/download].
22. **M.F. Hossain**, M.O. Faruq and M.M. Aktar. 2009. Performance of local aromatic rice varieties under different fertilizer management practices. *Journal of Agroforestry and Environment*. 3(1):81-84. [[https://pas.cseas.kyoto-u.ac.jp/activity/HP_SPIRITS/Brahmaputra/data/JAE_ALL/ASFBpdf/5.AF3B3\(1\)pdf/21.%20Farid-2.pdf](https://pas.cseas.kyoto-u.ac.jp/activity/HP_SPIRITS/Brahmaputra/data/JAE_ALL/ASFBpdf/5.AF3B3(1)pdf/21.%20Farid-2.pdf)].
23. **M.F. Hossain**, Bhuiya M.S.U. and Ahmed, M. 2007-2008. Physicochemical and nutritional quality of some local and modern aromatic rice of Bangladesh. *Journal of Nutrition*. 20-21:57-61.
24. M.M. Aktar, M.A. Rahman and **M.F. Hossain**. 2009. Influence of planting methods and weed control measures on the weed population and dry weight. 2009. *Journal of Agroforestry and Environment*. 3(1):159-162. [https://www.researchgate.net/publication/286301577_Influence_of_planting_methods_and_weed_control_measures_on_the_weed_population_and_dry_weight].
25. **M.F. Hossain**, Bhuiya, M.S.U., Ahmed, M. and M.H. Mian 2009. Effect of harvesting time on the milling and physicochemical properties of aromatic rice. *Thai Journal of Agricultural Science*. 42 (2):91-96. [<https://www.thaiscience.info/journals/Article/TJAS/10469549.pdf>].
26. **M.F. Hossain**, M.S.U. Bhuiya² and M. Ahmed. 2009. Inter-Relationship among quality characters in aromatic rice. 2009. *Journal of Agroforestry and Environment*. 3(2):9-10. [<https://jagroforenviron.com/wp-content/uploads/2018/09/3.-Inter-relationship-among-quality-characters-in-aromatic-rice.pdf>].
27. **M.F. Hossain**, M.F. Hossain, M.A. Hasan and M.O. Faruq. 2009. Effect of Mixed Fertilizer on the Yield and Yield Attributes of Rice. 2009. *Journal of Agroforestry and Environment*. 3(1):47-48.
28. **M.F. Hossain**, M.S.U. Bhuiya, M. Ahmed S.K. Biswas and N. Ferdous. 2009. Changes in the milling and physicochemical properties of aromatic rice with aging under different storage structure. *Journal of Agroforestry and Environment*. 3(2):117-119. [<https://jagroforenviron.com/wp-content/uploads/2018/09/28.-Changes-in-the-milling-and-physicochemical-properties-of-aromatic-rice.pdf>].
29. **M.F. Hossain**, Bhuiya, M.S.U., Ahmed, M. and M.H. Mian 2009. Effect of organic and inorganic fertilizer on the milling and physicochemical properties of aromatic rice. *Thai Journal of Agricultural Science*. 42 (2):91-96. [<https://www.thaiscience.info/journals/Article/TJAS/10594531.pdf>].
30. **M.F. Hossain**, M.A. Hasan, R. Fancy and M.H.A. Amin. 2010. Feasibility of using poultry litter with local aromatic rice in *aman* season. 2009. *Journal of Agroforestry and Environment*. 4(1):121-123. [<https://jagroforenviron.com/wp-content/uploads/2018/09/29.-Feasibility-of-using-poultry-litter-with>].

31. **M.F. Hossain**, M.A. Hasan and M.H.A. Amin. 2010. Performance of Modern Aromatic Rice (cv. BRRI dhan50) under Different Fertilizer Management Practices in *boro* Season. Journal of Agroforestry and Environment. 4(1):147-149. [<https://jaebd.net/wp-content/uploads/2018/09/35.-Performance-of-modern-aromatic-rice-cv.-BRRI-dhan50-under-different-fertilizer-management-MF-Hossain.pdf>].
32. **M.F. Hossain**, M.A. Hasan, R. Fancy and and U.K Majumder. 2010. Influence of cow dung, poultry litter and chemical fertilizers on the yield of modern aromatic rice varieties in *aman* season. Journal of Agroforestry and Environment. 4(1):189-191. [<https://jagroforenviron.com/wp-content/uploads/2018/09/45.-Influence-of-cow-dung-poultry-litter-and-chemical-fertilizers-on-the-yield-of-modern-aromatic-rice-varieties-MF-Hossain.pdf>].
33. **M.F. Hossain**, M.A. Hasan, U.K Majumder and R. Fancy. 2010. Performance of Basmati and Banglamati aromatic rice by using poultry litter, cow-dung and chemical fertilizers in *boro* season. Journal of Agroforestry and Environment. 4(2):147-149.[<https://jaebd.net/wp-content/uploads/2018/09/34.-Effect-of-poultry-litter-cowdung-and-chemical-fertilizers-on-the-performance-of-Basmati.pdf>].
34. **M.F. Hossain**. 2014. Impact of Fertilizers on the Seed Quality of Aromatic Rice. Journal of Agricultural Science. 6 (6):35-40. [<https://www.ccsenet.org/journal/index.php/jas/article/view/31803>].
35. **M.F. Hossain**. 2014. Impact of Climate Change in Bangladesh: Rainfall. International Journal of Agriculture Innovations and Research. 2(5):860-863. [<https://ijair.org/index.php/issues?view=publication&task=show&id=177>].
36. **M.F. Hossain**. 2014. A study of banana production in Bangladesh: Area, yield and major constraints. ARPN Journal of Agricultural and Biological Science. 9 (6):206-210. [http://www.arnjournals.com/jabs/research_papers/rp_2014/jabs_0614_659.pdf].
37. **M.F. Hossain**. 2014. Forest and Land Degradation in Bangladesh. **Proceedings:** International Conference on 'Forests, Soil and Rural Livelihoods in a Changing Climate' on 27-30 September, 2014. Katmandu University, Katmandu, Nepal. 1-13 p.
38. **M.F. Hossain**. S. Akhtar and M. Anwar. 2015. Nutritional Value and Medicinal Benefits of Pineapple. International Journal of Nutrition and Food Science. 4(1): 84-88. [DOI: 10.11648/j.ijnfs.20150401.22].
39. **M.F. Hossain**. 2015. Declining Productivity of Agricultural Land in Bangladesh. Journal of Agroecology and Natural Resource Management. 2(1):25-30.
40. **M.F. Hossain**. 2015. Agricultural Education in Bangladesh Open University. The Online Journal of Distance Education and e-Learning (TOJDEL). 3(3):1-6. [<https://www.tojdel.net/journals/tojdel/articles/v03i03/v03i03-01.pdf>].
41. **M.F. Hossain** and M. A. Islam. 2015. Utilization of Mangrove Forest Plant: Nipa Palm (*Nypa fruticans* Wurmb.). American Journal of Agriculture and Forestry. 3(4): 156-160. [DOI: 10.11648/j.ajaf.20150304.16].
42. **M.F. Hossain** and M. A. Islam. 2015. Bangladesh Open University Educating People through Distance Mode. International Journal of Educational Studies. 02 (01): 37-43. [<https://esciencepress.net/journals/index.php/IJES/rt/findingReferences/1161/577>].
43. **M.F. Hossain**. S. Akhtar and M. Anwar. 2015. Health hazards posed by the consumption of

artificially ripened fruits in Bangladesh. *International Food Research Journal*. 22(5): 1755-1760. [http://www.ifrj.upm.edu.my/22%20\(05\)%202015/\(3\).pdf](http://www.ifrj.upm.edu.my/22%20(05)%202015/(3).pdf)

44. **Md. Farid Hossain**, Mustafa Anwar, Shaheen Akhtar, Sharker Md. Numan. 2015. Adverse effects on health posed by consumption of Areca nut (*Areca catechu* L., family: Palmaceae). *International Journal of Community Medicine and Public Health*. 2(4): 357-360. [DOI: [10.18203/2394-6040.IJCMPH20151028](https://doi.org/10.18203/2394-6040.IJCMPH20151028)]
45. **Hossain M.F.**, Islam M.A. and Numan S.M. 2015. Multipurpose Uses of Bamboo Plants: A Review. *International Research Journal of Biological Sciences*. 4(12): 57-60. [<http://www.isca.me/IJBS/Archive/v4/i12/10.ISCA-IRJBS-2015-140.pdf>].
46. **Hossain M.F.**, Islam M.A., Akhtar, S. and Numan S.M. 2016. Nutritional value and medicinal uses of Monkey Jack fruit (*Artocarpus lakoocha*). *International Research Journal of Biological Sciences*. 4(12): 57-60. [<http://www.isca.in/IJBS/Archive/v5/i1/9.ISCA-IRJBS-2015-143.pdf>].
47. **Hossain M.F.** 2016. World Pineapple Production: An Overview. *African Journal of Food, Agriculture, Nutrition and Development*. 16 (4):11443-11456. [DOI: [10.18697/ajfand.76.15620](https://doi.org/10.18697/ajfand.76.15620)].
48. **Md. Farid Hossain**, Mustafa Anwar, Shaheen Akhtar, Sharker Md. Numan. 2017. Uses Impact of Betel Leaf (*Piper betle* L.) on Public Health. *Science Journal of Public Health*. 5(6): 408-410. [DOI: [10.11648/j.sjph.20170506.11](https://doi.org/10.11648/j.sjph.20170506.11)].
49. **Md. Farid Hossain**, Md. Anwarul Islam, Shaheen Akhtar, Mustafa Anwar. 2017. Nutritional Value and Medicinal Uses of Minor Fruits: Burmese Grape (*Baccaurea ramiflora* Lour.). *International Journal of Nutrition and Food Sciences*. 6(5): 211-214. [DOI: [10.11648/j.ijnfs.20170605.15](https://doi.org/10.11648/j.ijnfs.20170605.15)].
50. **Md. Farid Hossain**, Md. Anwarul Islam 2017. Pineapple Production Status in Bangladesh. *Agriculture, Forestry and Fisheries*. 6(5): 173-177. [DOI: [10.11648/j.aff.20170605.15](https://doi.org/10.11648/j.aff.20170605.15)].
51. **Hossain M.F.**, Islam, M.T., Islam, M. A., Akhtar, S. 2017. Cultivation and uses of Stevia (*Stevia rebaudiana* Bertoni): A Review. *African Journal of Food, Agriculture, Nutrition and Development*. 17 (4): 12745-12757. [DOI: [10.18697/ajfand.80.16595](https://doi.org/10.18697/ajfand.80.16595)].
52. **Md. Farid Hossain**. 2018. Bangladesh Open University Transferring Agricultural Technologies through Media. *International Journal of Extension Education*. 14: 3-7. [<https://tojdell.net/journals/tojdel/articles/v03i03/v03i03-01.pdf>].
53. **M.F. Hossain**, M.S. Islam. 2018. Impact of climatic factors and water management on crop production in Bangladesh. *Bangladesh Open University Journal of Agriculture and Rural Development (BOUJARD)*. 10 (1):1-9.
54. **M.F. Hossain**, M. A. Islam. 2018. Production and utilization of Cassava (*Manihot esculenta* Crantz): A Review. *Bangladesh Open University Journal of Agriculture and Rural Development (BOUJARD)*. 10 (2):1-8.
55. **M.F. Hossain**, M. A. Mannan. 2019. Prospect of Sugar Beet Cultivation in Bangladesh: A Review. *Bangladesh Open University Journal of Agriculture and Rural Development (BOUJARD)*. 11 (2): 1-8.
56. **M.F. Hossain**. 2020. Effect of Organic Fertilizer and Irrigation Intervals on the Yield and Quality of Cherry Tomato (*Solanum lycopersicon* var. *cerasiforme*). *International Journal of Horticulture, Science and Technology (IJHST)*. 8 (4): 327-334. {<https://doi.org/10.22059/ijhst.2020.303299.370>}.
57. **M.F. Hossain**. 2021. Effect of planting time on the yield and quality of Cherry Tomato (*Solanum lycopersicum* var. *cerasiforme*). *International Journal of Horticulture, Science and Technology (IJHST)*, 8(2):123-131. [<https://doi.org/10.22059/ijhst.2020.314445.421>].

58. **M.F. Hossain**, S.M. Numan, S. Aktar. 2021. Nutritional Value and Health Benefits of Dragon Fruit (*Hylocereus* spp.): A Review. International Journal of Horticulture, Science and Technology (IJHST). 8(3): 259-269. [<https://doi.org/10.22059/ijhst.2021.311550.400>].
59. **M.F. Hossain**. 2020. Moringa (*Moringa oleifera* Lam.): A systemic review of its morphology, cultivation practices, agriculture and industrial uses. Bangladesh Open University Journal of Agriculture and Rural Development (BOUJARD). 12 (2):1-5.
60. Md.Farid Hossain, Sharker Md. Numan, Sayeed Saleh Khan, Samiha Mahbub and Shaheen Akhtar. 2022. Human consumption, Nutritional Value and Health Benefits of Moringa (*Moringa oleifera* Lam.): A Review. International Journal of Community Medicine and Public Health. 9 (9): 3599-3604. [DOI: <https://doi.org/10.18203/2394-6040.ijcmph20222229>].
61. **M.F. Hossain**. 2023. Effect of Potting Media and Pot Size on Yield and Fruit Quality Attributes of Cherry Tomato (*Solanum lycopersicum* var. *cerasiforme*). International Journal of Horticulture, Science and Technology (IJHST). 10(2): 141-148. [<https://doi.org/10.22059/ijhst.2022.342632.560>].
62. Islam, M. S., Hossain, M. F., & 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. [<https://doi.org/10.9734/ajahr/2023/v10i4284>].
63. M.A. Sobahan¹, N. Akter and **Md. F. Hossain**. 2023. The role of wood-based bio-char on growth, yield and cadmium uptake in rice (*Oryza sativa* L.) grown under cadmium stress. Thai Journal of Agriculture Sciences. 56(1): 47-60.
64. **Md. Farid Hossain** and Md. Serazul Islam. 2024. Effects of Organic and Inorganic Fertilizers and Their Combination on Growth, Yield and Quality of Broccoli (*Brassica Oleracea* L. var. *italica* L.). International Journal of Horticulture, Science and Technology (IJHST). International Journal of Horticulture, Science and Technology (IJHST). 11(4): 515-522.
65. **Md. Farid Hossain** and Md. Serazul Islam. 2024. Study on Quality Performance of Two Cherry Tomato Varieties under Different Age Transplants. 2024. International Journal of Horticulture, Science and Technology (IJHST): **Submitted**.
66. **Md. Farid Hossain** and Md. Serazul Islam. 2024. Effect of seedling age on the growth and yield contributing characteristics of cherry tomato. 2024. Thai Journal of Agriculture Sciences. **Submitted**.

Conference paper/Abstract

67. **M.F. Hossain**. 2014. Forest and Land Degradation in Bangladesh. **Proceedings:** International Conference on 'Forests, Soil and Rural Livelihoods in a Changing Climate' on 27-30 September, 2014. Katmandu University, Katmandu, Nepal. 1-13 p.
68. **M.F. Hossain and M. S. Islam**. 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.

Books/Study materials:

- **Monograph: Aromatic Rice** (ISBN-9783844398229) [Lambert Academic publisher, Germany].
- **Book: Agricultural Science (in Bengali)**, HSC Program, Bangladesh Open University.

Research Experiences

- **MS** Thesis work (Own) entitled' Effect of age of seedling and method of transplanting on the yield of *aus* rice (BR 26)' [1994-1995].
- **PhD** Thesis work (Own) entitled' Improving the yield and quality of aromatic rice through manipulation of cultural practices' as a PhD Fellow of Bangladesh University grants Commission (UGC) [2004-2007].

Completed major projects [worked as a Project Director/ Principal Investigator]

Project Title	Funded by
Effect of Seedling Age and Variety on the Growth, Yield and Quality of Cherry Tomato	Bangladesh Open University (2023-2024)
Yield and Quality of Broccoli under Different Fertilizer Management Practices	Bangladesh Open University (2022-2023)
Effect of Potting Media and Pot Size on the Yield and Physicochemical Properties of Cherry Tomato	Bangladesh Open University (2020-2021)
Effect of planting Time on the Yield and Quality of Cherry Tomato	Bangladesh Open University (2019-2020)
Impact of organic Fertilizer and irrigation Intervals on the yield and Quality of Cherry Tomato	Bangladesh Open University (2018-2019)
Response of local and modern aromatic rice varieties to fertilizers	Ministry of Science and Information and Communication Technology, Bangladesh (2009-2010)
Evaluation of yield and quality performance of modern aromatic rice varieties under Dinajpur condition	UGC through Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur (2009)
Study on the yield and quality performance of local aromatic rice varieties of Bangladesh	Ministry of Science and Information and Communication Technology, Bangladesh (2008)
Influence of planting date, planting method and fertilizer on the quality of aromatic rice	Ministry of Science and Information and Communication Technology, Bangladesh (2005)

Academic and Administrative Experiences

Dean, School of Agriculture and Rural Development, Bangladesh Open University (01/09/2015 to date).

Chairman, School Committee, School of Agriculture and Rural development, BOU (01/09/2015 to date).

External Member, School Committee, SSHL and SST, BOU (Present).

Member, Academic Council, Bangladesh Open University (2011-Present).

Editor, Journal of Agriculture and Rural Development-JARD (2016 -Present).

Member, Editorial Board, Central Journal of Bangladesh Open University (CJBOU).

Member, Board of Governors', Bangladesh Open University (2015- 2020).

Member, Academic Planning Committee, Bangladesh Open University (2015 -2022).

Member, Equivalency Committee, Bangladesh Open University (2015-Present).

Member, Disciplinary Committee, Bangladesh Open University (2015-Present).

Member, Verification and selection Committee, Bangladesh Open University (2015 -Present).

Chairman, Tender Evaluation Committee (Engineering & State Division), Bangladesh Open

University (2020-2021).

Chairman, Inspection Committee (Printing and publication Materials), Bangladesh Open University (2021).

Member, Works Committee, Bangladesh Open University (2015 to 2019, 2023- present).

Academic and Administrative Experiences (Contd.)

Member, Administrative Team, E-Learning Center, Bangladesh Open University.

Member, Committee of Higher Studies, Research and Training, Bangladesh Open University (2015 -Present).

Chairman/Member, Curriculum Committee (MS in Agronomy, MSARL, BAgEd, BYDW Programs). **Chairman/Member**, Admission Committee (MS, MSARL, BAgEd, CLP, CFPF Programs).

Chairman/Member, Examination Committee (MS in Agronomy, MSARL, BAgEd, DYDW Programs).

Member/Convener, National days and other festival organizing committee, Bangladesh Open University.

External Examiner, Bachelor and Masters programs (BAU, BSMRAU, HSTU and PSTU).

Provost (Hall Super, D-3), Hajee Mohammad Danesh Science and Technology University, Dinajpur (2008-2010)

Convener, Provost council, Hajee Mohammad Danesh Science and Technology University, Dinajpur (2009-2010)

Executive Committee Member, Bangladesh Open University Teachers Association (BOUTA): 2013, 2014, 2015, 2017, 2020.

Participation in Major professional National and International Training/Workshop/Conference

Title	Organizer/Sponsor/Venue
Induction Training (1998)	Bangladesh Agricultural Research Institute (BARI)
Seed Quality Control (2009)	Ministry of Agriculture and DANIDA
Cereal Seed Processing and Preservation (2009)	Ministry of Agriculture and DANIDA
SAARC Workshop on-Multimedia Programme Development (2011)	Bangladesh Open University (Co-sponsors: Ministry of Education, UGC & Commonwealth of Learning, Canada).
Tutor Training Workshop (2011)	Bangladesh Open University in collaboration with Commonwealth of Learning, Canada
Creative Methodology of Teaching & Learning (2011)	Bangladesh Open University
e-Learning (2012)	Korean International Cooperation Agency (KOICA) & BOU
Bangladesh Youth Forum- Voice of the Youth (2012)	Department of Youth Development, Bangladesh
Country Consultation on Professionalizing Youth Work (2012)	Department of Youth Development and Commonwealth Youth Programme (CYP).
Interweaving of ICT with Open & Distance Learning (2012)	National Institute of Open Schooling (NIOS), India & BOU
International Training Workshop on Technology of Combating Desertification (2013)	Ministry of Science & Technology, P.R. China Gansu Desert Control Research Institute, Gansu, P.R. China

International Conference on Forests, Soil and Rural Livelihoods in a Changing Climate (2014)	Kathmandu University, Norwegian University of Life Sciences, Norway; Department of Forest Research and Survey, Nepal; Agroforestry Foundation and Forest Action Nepal.
International Workshop on Desertification Combating & Biodiversity Protection in Arid Regions (2015)	Ministry of Science & Technology, P.R. China; Gansu Desert Control Research Institute, Gansu, P.R. China
International Training Workshop on Safe grain Production (2016)	Ministry of Science & Technology, P.R. China; Shenyang Agricultural University, Liaoning, P.R. China
International Conference on Human Values in Higher Education (2017)	Indian Institute of Technology, Kanpur, India
National Conference on Climate change and Agriculture (2017)	Bihar agricultural University, Bihar, India
International Training Workshop on Demonstration and Promotion of New Vegetable Varieties and Technologies (2017)	Ministry of Science & Technology, P.R. China; Anhui JH Seed Co. Ltd. Hefei, Anhui, P.R. China
9th Commonwealth Youth Ministers Meeting (9CYMM) in Kampala, Uganda (2017)	Commonwealth Youth Programme, Commonwealth Secretariat, UK
International Conference on Human Values in Higher Education (2018)	Khesar Gyalpo University of Medical Sciences of Bhutan, Thimphu, Bhutan.
International Training Workshop on Fruit and Vegetable Preservation and Cold Technology (2018)	Ministry of Science & Technology, P.R. China; Jinan Fruit Research Institute all-China Federation of Supply and Marketing Cooperatives, china.
International Conference on 'Doubling the Income of Farmers of SAARC Countries: Extension Strategies and Approaches (2018)'	Ministry of Agriculture and Livestock Development, Nepal & International Society of Extension Education, India
International Training Workshop on Soil & Water Conservation and Dry Land Farming for Developing countries (2019)	Ministry of Science & Technology, P.R. China (Yangling, Shaanxi, China).

Member of professional society/Association

- Bangladesh Society of Agronomy (BSA),
- Weed Science Society of Bangladesh (WSSB),
- Bangladesh Association for Advancement of Science (BAAS).
- Ecological Society of Bangladesh (ESB).