Curriculum Vitae

1.	Name	:	**MD. MAMUNUR RASHID**
2.	Name of Institute	:	**Bangladesh Rice Research Institute**
3.	Division/Regional Station		Plant Pathology Division, BRRI, Gazipur
4.	Position	:	Senior Scientific Officer
5.	Date of birth	:	12 October, 1981
6.	Mother's Name	:	Late Deloara Begum
7.	Father's Name	:	Late Md. Abul Hashem
8.	Spouse Name	:	Married
9.	No. of children	:	2 sons
10.	Mailing Address	:	E-5, Fahima-Sowkot Dreams, 335-336, Adalot, Chotora, Adarsha Sadar, Cumilla-3500
	Mobile	:	+8801712887507
	E-mail	:	mamunbrri@gmail.com
11.	Permanent Address	: Village	: H/N. 772/1, Parents Dream, Uttar Gram (Mirza Bari), P.O. Sankuchail Bazar
		Upazila	: Burichong
		District	: Cumilla

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Name of institutions	Degree/ Certificate	Division/ Class/Grade	Major subjects
Noagaon M A Mazid Mia High School	SSC	1st	Bang, Eng, G. Sci, GMath, HMath etc.
Notre Dame College, Dhaka	HSC	1st	Phy, Chem, Biology, Math, Bang, Eng.
BAU, Mymensingh	B. Sc. Ag. (Hons.)	1st	P. Path, Agron, Soil Sci, GPB, Entom, C. Bot, etc.
BAU, Mymensingh	MS in Plant Pathology	Grade A CGPA 3.789	IDM, Bact., Dis. Res. CPP, SP, Pathogenesis etc.
Kyoto Prefectural University, Japan	PhD	Contd.	Molecular biology

13. Job experiences

	Employer	Designation	Duration	Major areas of research
1	Apex Biopesticides and Biofertilizer Ltd.	Research Executive R & D	8.8.2007 to 8.11.2007	Biotechnological research, Microbiology
2	BRRI R/S Sonagazi, Feni Bangladesh	SO	12.11.2007 to 18.01.2011	Plant Pathology
3	BRRI Gazipur, Bangladesh	SO	19.01.2011 to 31.12.2031	Plant Pathology

4	BRRI R/S Sonagazi, Feni Bangladesh	SO & Head	01.01.2012 to 31.03.2012	Plant Pathology
5	BRRI, Gazipur, Bangladesh	SO	01.04.2012 to 13.12.2014	Plant Pathology
6	BRRI, Gazipur, Bangladesh	SSO	14.12.2014 to 03.01.2018	Plant Pathology
7	BRRI R/S Cumilla	SSO	10.1.2018 to date	Plant Pathology
8	BRRI R/S Cumilla	SSO (additional. charge)	25.06.2024 to date	
9	BRRI SS, Sitakunda, Chattogram	SSO & Head	25.06.2024 to 23.07.2025	
10	BRRI SS, Sitakunda, Chattogram	SSO & Head (additional. charge)	24.07.2025 to date	
11	BRRI R/S Cumilla	SSO	24.07.2025 to date	

14. Experiences:

- Experienced in survey and monitoring of rice diseases in Bangladesh
- Identification of beneficial microorganisms against bacterial blight (*Xanthomonas oryzae* pv. *oryzae*) and sheath blight (*Rhizoctonia solani*) pathogens of rice.
- Studies on the development of biopesticides due to combat major rice diseases like bacterial blight and sheath blight
- Studies on genetic diversity of *Xanthomonas oryzae* pv. *oryzae* in Bangladesh
- Studies on the development of Bacterial Blight resistant rice variety by gene pyramiding.
- Experiments of Pest Management, Varietal Development are conducting at BRRI Gazipur.
- Participation of different workshops, seminars and DAE programs.

Scientific qualifications:

Gene transformation, gene sequencing, gene signalling pathway, gene expression studies, diagnostics of fungi, bacteria, statistical analyses of research data.

15. Number of Publications (Please enclose list):

List of Scientific articles
a) As Principal Author

1. **Rashid M. M.**, Khan M. M. R., Hossai, M. A. and Hossain M. M. 2007. Management of Seed-Borne Fungi of Jute in Mymensingh Region. Bangladesh J. Crop Sci. 18 (1): 209-214.
2. **Rashid M. M.,** Ruhul Amin A. B. M., Rahman F., Bhuiyan M. R., Meah M. B. and Mian M. S. 2010. Determination of Effective Dose of Garlic for Controlling Seed-Borne Fungal Disease of Tomato. Bangladesh Journal of Plant Pathology. 26 (1&2): 65-68.
3. **Rashid M. M.,** Kabir M. H., Hossain M. M., Bhuiyan M. R. and Khan M. A. I. 2015. Eco-friendly management of chilli anthracnose (Colletotrichum capsici). Int. J. Plant Pathol. 6 (1): 1-11.
4. **Rashid M. M., Ikawa Y, Tsuge S. 2016.** GamR, the LysR-type galactose metabolism regulator, regulates *hrp* gene expression via transcriptional activation of two key *hrp* regulators, HrpG and

HrpX, in *Xanthomonas oryzae* pv. *oryzae*. Appl. Environ. Microbiol. 82: 3947-3958. Doi.10.1128/AEM.00513-16. **(IF=5.005**).

5. **Rashid MM,** SAI Nihad, MAI Khan, A Haque, A Ara, T Ferdous, A Imran and MA Latif. 2021. Pathotype profiling, distribution and virulence analysis of *Xanthomonas oryzae* pv. *oryzae* causing bacterial blight disease of rice in Bangladesh. Journal of Phytopathology. 169 (7-8): 338-346. https://doi.org/10.1111/jph.13000 **(IF=1.789**).
6. **Rashid MM,** MR Bhuiyan, HA Dilzahan, MA Hamid, N Hasan, MAI Khan, MA Latif. **2021.** Biological Control of Rice Sheath Blight Disease (*Rhizoctonia solani*) Using Biopesticides and Biocontrol agents. Bangladesh Rice Journal. 24 (1): 47-58. https://doi.org/10.3329/brj.v24i1.53239

b) As co-author

7. Masuduzzaman S., Meah M. B., Seal H. and **Rashid M. M.** 2008. Determination of Inhibitory Action of Allamanda Leaf Extracts Against Some Important Plant Pathogens. J. Agric. Rural Dev. 6(1&2):107-112.
8. Ruhul Amin A. B. M., **Rashid M. M.**, Meah M. B. 2009. Efficacy of Garlic Tablet to Control Seed-borne Fungal Pathogens of Cucumber. J. Agric. Rural Dev. 7(1&2): 135-138.
9. Khan M. A. I., Kabir M. S., Monsur M. A., Tuhina-Khatun M., Nessa B., **Rashid M. M.,** Bhuiyan M. R., Ansary T. H., Ali M. A. and Mia M. A. T. 2010. Reaction of Some Pyramid Lines to Bacterial Leaf Blight Pathogen in Bangladesh. Bangladesh Journal of Plant Pathology. 26 (1&2): 45-52.
10. Rahman M. M., Ansari A. and **Rashid M. M.** 2010. Diversity Analysis in Rice Using GENSTAT and SPSS Programs. The Agriculturists. 8(2): 14-21.
11. Islam M. A., Islam M. R., Sarker A. B. S., Rahman M. M. and **Rashid M. M.** 2008. Effect of Phosphorus on growth and yield of a Japonica and Indica Rice Varieties. J. Agric. Educ. Technol. 11 (1&2): 79-86.
12. Bhuiyan M. R., Rashid M. M., Debjit Roy, Karmakar B. Hossain M. M. and Khan M. A. I. 2011. Sound Weed Management Option for Sustainable Crop Production. Bangladesh J. Weed Sci. 2(1&2): 79-86.
13. Rahman M. M., Syed M. A., Adil M, Ahmad H. and **Rashid M. M.** 2012. Genetic Variability, Correlation and Path Coefficient Analysis of Some Physiological Traits of Transplanted Aman Rice (*Oryza sativa* L.). Middle-East J. Sci. Res. 11 (5): 563-566.
14. Rahman M. M., **Rashid M. M.** and Islam M. A. 2013. Transplanting by Uprooting Tillers from Dibbled Field: An Idea for Crop Intensification and Sustainable Rice Cultivation. J. Rice Res. 1: 109. doi: 10.4172/jrr.1000109.
15. Bhuiyan M. R., **Rashid M. M.**, Khan M.A.I., Hoque M., Nessa B., Rafii M. Y. and Latif M. A. 2013. Eco-friendly Management of Seed Borne fungi for Sustainable Crop Production. Life Sci. J. 10 (4): 1640-1650.
16. Kabir M. H., **Rashid M. M.**, Bhuiyan M. R., Mian M. S., M. Ashrafuzzaman, Rafii M. Y. and Latif M.A. 2014. Integrated Management of Alternaria Blight of Broccoli. J. Pure Appl. Microbiol. 8 (1): 149-158.
17. ABM Muzahidul Islam, Rahman J R, Nihad SAI, Akter R, Dilzahan HA, Islam MZ, Bhuiyan MR, Kabir MH, **Rashid MM**, Islam MR, Latif MA and Khan MAI. 2017. Evaluation of indigenous rice germplasm for identification of durable bacterial blight (*Xanthomonas oryzae* pv. *oryzae*) resistance sources in Bangladesh. The Experiment. 43(3): 2495-2515.

18. JR Rahman, **Rashid MM**, Nihad SAI, Ara A, Islam MR and Khan MAI. 2018. Evaluation of chemicals against bacterial blight of rice caused by *Xanthomonas oryzae* pv. *oryzae*. Bangladesh Journal of Agriculture. 41-43: 1-12.
19. SAI Nihad, Ara A, **Rashid MM**, Hasan MAI, Khan MAI, Latif MA. **2021.** Genetic diversity of rice genotypes revealed bacterial blight disease and morphological traits. Bangladesh Rice Journal. 24 (1): 71-84. https://doi.org/10.3329/brj.v24i1.53241
20. Latif MA, Uddin MB, **Rashid MM**, Hossain M, Akter S, Jahan QSA, Hossain MS, Ali MA, Hossain MA. 2021. Rice Bakanae disease: Yield loss and Management issues in Bangladesh. Food Science and Technology. 9 (1): 7-16. https://doi.org/10.13189/fst.2021.090102
21. Haque, M. M., Masud. M. M., Hossain, M. M., **Rashid, M. M**., Alam, M. Z. & Islam, M. R. (2021). Assessment of potentiality of known bacterial blight resistant genes against Xanthomonas oryzae pv. oryzae pathotypes exist in Bangladesh. Archives of Agriculture and Environmental Science, 6(3), 257-267, https://dx.doi.org/10.26832/24566632.2021.060301.
22. Anik, T.R., Nihad, S.A.I., Hasan, MAI., Hossain, MA, Rashid, MM, Khan, MAI, Halder KP, Latif, MA. 2022. Exploring of bacterial blight resistance in landraces and mining of resistant gene(s) using molecular markers and pathogenicity approach. *Physiol Mol Biol Plants* (2022). https://doi.org/10.1007/s12298-022-01139-x (IF 2.391)
23. Nihad, S.A.I., Kabir, A., Rashid, M.M., Honey, O., Khan, M.A.I. and Latif, M.A. 2022. Comparative Assessment of Quick and Cost-efficient Quality DNA Extraction Methods from Rice Leaves. *Journal of Bangladesh Agricultural University*, 20(4): 393-401. https://doi.org/10.5455/JBAU.107010
24. A Ara, SAI Nihad, **MM Rashid**, A Akter, ABMA Uddin, TH Ansari and MA Latif. 2022. Genetic Diversity of INGER Rice Genotypes Based on Morphological Characters and Bacterial Blight Resistance. Bangladesh Rice J. 26 (1): 17-31. doi.org/10.3329/brj.v26i1.65876
25. Nihad SAI, Hasan MAI, Anik TR, Rashid MM, Khan MAI, Islam MR, Latif MA. 2024. Pyramiding of blast and bacterial blight resistance genes in premium quality rice variety, BRRI dhan63 through marker-assisted breeding approach. Euphytica 220, 13 (2024). https://doi.org/10.1007/s10681-023-03255-5
26. Mahmud, Q. M., Bhuiyan, M. R., Hossain, M. M., Ausraf, N., Islam, M. S., Hera, M. H., Rashid, M. M., Akanda, M. A. M., Hossain, M. M., Chowdhury, M. T. I., Latif, M. A., Obara, M., Fukuta, Y., & Khan, M. A. I. (2024). Pathogenicity of rice blast isolates (Pyricularia oryzae) in irrigated lowland of Bangladesh. Journal of Phytopathology, 172, e13271. https://doi.org/10.1111/jph.13271.
27. MA Latif, SAI Nihad, R Hasan, L Rahman, TR Anik, AC Manidas, MM Rashid, MAI Khan, MR Bhuiyan. 2024. Pyramiding of multiple resistant genes of blast and bacterial blight diseases in the background of rice (Oryza sativa) mega variety BRRI dhan29. Current Plant Biology. 40 (100400). https://doi.org/10.1016/j.cpb.2024.100400.
28. L. Rahman · N. Islam · M. O. Kayess · M. M. Rashid, M. A.-I. Hasan · M. A. I. Khan, Plant Pathology Division, Bangladesh Rice Research Institute (BRRI), 1701, Gazipur, Bangladesh. **Pathotypic diversity of *Xanthomonas oryzae* pv. *oryzae*, and stringent evaluation of resistance lines of Rice in Bangladesh.** 2024. European Journal of Plant Pathology. https://doi.org/10.1007/s10658-024-02900-6
29. Latif, M. A., Rahaman Hera, M. H., Rahman, L., Bhuiyan, M. R., Kayess, M. O., Rashid, M. M., Al-Imran Hasan, M., Iqbal Khan, M. A., & Saito, H. 2025. Pyramiding of Multiple Resistance Genes for Bacterial Leaf Blight and Blast Diseases in Premium Quality Rice BRRI dhan81 Through Marker-Assisted Selection. *Plant Pathology:* 74 (6): 1641–1657. https://doi.org/10.1111/ppa.14112

ORCID ID: https://orcid.org/0000-0001-7946-0373

Book: Rice

BOOK CHAPTER:

Md. Mahfujur Rahman, Md. Mostafa Masud, Muhammad Iqbal Hossain, Nur-E-Tajkia Islam, Md. Zahangir Alam, Md. Mamunur Rashid, Mohammad Ashik Iqbal Khan, Md. Abdul Latif, Krishna Pada Halder and Md. Rashidul Islam (October 27th 2021). Potential Role of Rice Plant Growth Promoting Phylloplane and Rhizospheric Bacteria in Controlling *Xanthomonas oryzae* pv. *oryzae*. Integrative Advances in Rice Research, Min Huang, Book Chapter, IntechOpen Publisher. Page 1-34. http://dx.doi.org/10.5772/intechopen.99854

Report:

1. Latif MA, Islam MR, Khan MAI, **Rashid MM,** Tumpa FH, Hasan MAI, & Halder KP. 2021. Identification of novel resistant gene(s), gene pyramiding and sustainable management of bacterial blight (BB) disease of rice, Project Completion Report. PBRG, NATP-II. 134 P.

Conference Paper

1. Kader MA, Biswas PS, Ahmed HU, Hossain MA, Islam MR, Bari MN, Siddique MA, Hore TK, Haque MM, Amin A, Bhuiyan MKA, ALi MP, Monsur MA, Iqbal M, Shozib HB, Ferdous N, Hossain M, Islam A, Mian MS, **Rashid MM**, Adil M, Akter S, Akter F, Rashid MH, Syed MA, Hossain ATMS, Moniruzzaman S, Hera HR, Jahan GS, Latif MA, Aditya TL, Ali MA, Kabir MS, Reinke MR, Swamy M, Boncodin R, MacKenzie DJ. 2019. Updates of golden rice research in Bangladesh.
2. Khan MAI, Latif MA, Bhuian MR, **Rashid MM**, Monsur MA, Ali MA, Obara M and Fukuta Y. 2020. Parthogenicity of blast isolates and genetic variation of resistance of rice in Bangladesh. Applicable Solutions Against Rice Blast in Asia (edt. By Y. Fukuta, A Hasebe, M. Kato and Ray-Yu Yang, JIRCAS and FFTC) held at JIRCAS, Tsukuba, Japan on 18 September 2020. 225p.
3. **Rashid MM**, Khan MAI, Bhuiyan MR, Khantun M, Iftekharuddoula KM, Latif MA. 2017. Screening of rice genotypes against bacterial blight disease of rice in Bangladesh. Annual Review and planning workshop: Stress Tolerance Rice for Africa and South Asia (STRASA). Delhi, India.
4. Latif M A, **MM Rashid,** HA Dilzahan, A Ara, A Imran and MAI Khan. 2018. Identification of physiological races of *Xanthomonas oryzae* pv *oryzae*, evaluation of bacterial blight resistant pyramid lines and development of resistant varieties through marker assisted selection in Bangladesh. Paper presented at the 5th International Rice Congress held at Singapore on October 15-17, 2018.
5. **Rashid MM,** MS Mian, M Hossain, A Islam, SAI Nihad, MAI Khan, TH Ansari, MA Latif. 2021. Factors affecting rice tungro disease and its management in Cumilla region. Sunday seminar (7.2.2021) at BRRI auditorium and Zoom Platform (ID: 9471494595, Password: 2021).
6. Khan, M., Quddus, M., Ausraf, N., Bakar, M., Bhuiyan, M., **Rashid, M**., Hera, M., Nihad, S., Dilzahan, H., Ara, A., Ahmed, M., Rahman, M., & Latif, M. (2023, October 16). Genome-wide association mapping revealed novel genomic loci for blast resistance in Bangladesh rice landraces. https://doi.org/10.5281/zenodo.10399174
7. Rodru, Ausraf, Mahmud, Islam, Hossain, Quddus, Ahmed, Bhuiyan, **Rashid,** Hera, Ara, Ansari, Latif, & Khan. (2023, October 16). Characterization and management of seedling blight pathogen in seedling tray for enhancing mechanized cultivation in Bangladesh. https://doi.org/10.5281/zenodo.10399168

Symposium Paper:

1. MAI Khan, N Ausraf, MAA Muhit, TR Anik, MR Bhuiyan, R Akhtar, AKMS Islam, **MM Rashid,** S Akter, M Ashaduzzaman, MA Latif. Microwave assisted synthesis of starch stabilized

silver nanoparticles with antipathogenic activities. 2023. International Symposium for the 50 years of BRRI. p-51.

Poster

1. Hossain MK, Hasan MR, Debsharma, **Rashid MM**, Islam MM, Hossain MM, Islam MR. The promise of genomic selection in breaking yield ceiling in rice. 2019. International Conference on Plant Breeding for sustainable development. 2-5 July 2019, Gwangju, South Korea.
2. **MM Rashid,** MS Mian, SAI Nihad, M Hossain, A Islam, FH Khan, AKM Shalahuddin, T Ferdous, B Saha, A Ara, MR Bhuiyan, MAI Khan, TH Ansari, MA Latif. 2023. Factors affecting rice tungro disease and its management technology in Cumilla region. International Symposium for the 50 years of BRRI. p-97.
3. MAI Khan, MR Bhuiyan, **MM Rashid,** SM Shahidullah, MA Latif. 2023. Determination of crop damage phenomenon by Red Eelworm. International Symposium for the 50 years of BRRI. p-100.
4. MR Bhuiyan, MAI Khan, **MM Rashid,** B Nessa, A Ara, MA Ali, MA Latif. 2023. Efficacy of rice disease management package at field level to boost rice production. International Symposium for the 50 years of BRRI. p-102.
5. MR Bhuiyan, MAI Khan, **MM Rashid,** MA Hamid, N Hasan, MA Latif. 2023. Evaluation of Recharge and Bioryza against major rice diseases for better harvest. International Symposium for the 50 years of BRRI. p-103.
6. SAI Nihad, A Kabir, M Ahmed, **MM Rashid,** HA Dilzahan, MAI Khan, TH Ansari, MA Latif. 2023. Persistence of tungro Bacilliform virus in infected rice leaves. International Symposium for the 50 years of BRRI. p-104.

Leaflets:

1. MAI Khan, Bhuiyan MR, **Rashid MM**, Latif MA, Iftekharuddoula KM, Moni ZR and Ali MA. 2014. "Farmers practices to control sheath blight disease of rice". Funded by Integrated Agricultural Productivity Project (IAPP)-BRRI component.
2. MAI Khan, Bhuiyan MR, **Rashid MM**, Latif MA, Iftekharuddoula KM, Moni ZR and Ali MA. 2014. "Farmers practices to control blast disease of rice". Funded by Integrated Agricultural Productivity Project (IAPP)-BRRI component.
3. **Rashid MM**, Mian MS, Khan FH, Hossain M, Nihad SAI, Khan MAI, Ansari TH, Latif MA. 2020. Management technology of rice tungro disease in Cumilla region (Leaflet). Published by Bangladesh Rice Research Institute. Publication No. 306.
4. **Rashid MM**, Khan FH, Nandi P, Sultana A, Hossain M, Mian MS, Khan MAI, Latif MA. 2020. Blast disease management of aromatic Aman rice variety in Cumilla Region. (Leaflet). Published by Bangladesh Rice Research Institute, Regional Station, Cumilla.
5. **Rashid MM**, Khan FH, Nandi P, Sultana A, Hossain M, Mian MS, Khan MAI, Latif MA. 2019. Blast disease management of Boro rice varieties in Cumilla region (Leaflet). Published by Bangladesh Rice Research Institute, Regional Station, Cumilla.
6. Latif MA, Ansari TH, Jahan QSA, Khan MAI, Mian MS, Akter S, Nessa B, Khatun T, Monsur MA, Bhuiyan MR, **Rashid MM**, M Ahmed, Nihad SAI. 2018. Rice blast disease and its integrated management. Published by Bangladesh Rice Research Institute. Publication No. 248.
7. **Rashid MM**, Khan FH, Saha B, Ferdous T, Shalahuddin AKMS, Zahan I, Sultana R, Hossain M, Islam A, Nihad SAI, Bhuiyan MR, Mian MS, Khan MAI, Ansari TH, Latif MA. July 2021. Farmers' steps in the seedbed to prevent rice tungro disease (Leaflet). Bangladesh Rice Research Institute. Regional Station, Cumilla. 20000 copy. BRRI Publication No. 323. DOI: 10.13140/RG.2.2.32588.95367
8. **Rashid MM**, Khan FH, Saha B, Ferdous T, Shalahuddin AKMS, Zahan I, Sultana R, Hossain M, Islam A, Nihad SAI, Bhuiyan MR, Mian MS, Khan MAI, Ansari TH, Latif MA. July 2021.

Farmers' steps to manage blast disease of rice (Leaflet). Bangladesh Rice Research Institute, Regional Station, Cumilla. 20000 copy. BRRI Publication No. 324. DOI: 10.13140/RG.2.2.30072.37121

9. Nessa B, Nihad SAI, Akter R, Dilzahan HA, **Rashid MM,** Bhuiyan MR, Monsur MA, Akter S, Khan MAI, Miah MS, Hossain M,Ansari TH and Latif MA. 2022. Management of rice false smut disease (Leaflet). Published by Bangladesh Rice Research Institute. Publication No. 344.
10. Rashid MM, Saha B, Ferdous T, Husna T, Salahuddin AKM, Nihad SAI, Ara A, Bhuiyan MR, Mian MS, Khan MAI, Hossain M, Ansari TH, Islam MR, Latif MA. October 2023. Farmers approaches in the seedbed to control rice tungro disease (Leaflet). Bangladesh Rice Research Institute, Regional Station, Cumilla. 3rd Edn. 10000 copy. BRRI Publication No. 385.
11. Rashid MM, Saha B, Ferdous T, Husna T, Shalahuddin AKM, Nihad SAI, Ara A, Bhuiyan MR, Mian MS, Khan MAI, Hossain M, Ansari TH, Islam MR, Latif MA. October 2023. Farmers' steps to control rice blast disease (Leaflet). Bangladesh Rice Research Institute, Regional Station, Cumilla. 10000 copy. BRRI Publication No. 386.
12. Rashid MM, Saha B, Ferdous T, Husna T, Shalahuddin AKM, Bhuiyan MR, Mian MS, Khan MAI, Hossain M, Shirin QSA, Ansari TH, Islam MR, Latif MA. 2024. Use of Rice Tungro Disease Management Technology (Leaflet). Bangladesh Rice Research Institute, Regional Station, Cumilla. 5000 copy. BRRI Publication No. 413.

Krishikotha

1. Rashid MM. August 2023. Rice Tungro Disease Management Technology. Krishikotha. Agriculture Extension Service. 83rd year, 4rth volume, Shrabon 1430.

16. Trainings Information:

Course Title	Institution	Location	Period		Grade	Position
			From	To		
Breeder Seed Production and Preservation of Rice	BRRI	Gazipur	14.6.2008	16.6.2008	Successfully completed	-
Training on Hybrid Rice Production	BRRI	Gazipur	6.4.2008	10.4.2008	Successfully completed	-
One month rice production Training	BRRI	Gazipur	21.3.2010	19.4.2010	Distinction	3rd
Application of ICT in Agriculture using GIS on Arc View & Arc GIS Technology	BRRI	Gazipur	11.12.2011	15.12.2011	Successfully completed	-
Basic Plant Breeding for Agricultural Researchers	BSMRAU	Gazipur	3.6.2012	14.6.2012	Successfully completed	-
Identification of major diseases and insect pests of important crops and their management	BRRI	Gazipur	2.9.2012	6.9.2012	Successfully completed	
Theoretical and applied molecular breeding	BRRI	Gazipur	24.9.2012	29.9.2012	Successfully completed	-
Agricultural Research Methodology	BRRI	Gazipur	22.12.2019	26.12.2019	Successfully completed	
Service process Simplification (SPS)	BRRI	Gazipur	29.2.2020	1.3.2020	Successfully completed	
Scientific report writing	BRRI	Gazipur	15.11.2020	19.11.2020	Successfully completed	

Hands-on training for using high throughput phenotypic system for C4 rice research	BRRI	Gazipur	31.3.21	1.4.2021	Successfully completed	
Training on advanced research data management and refresh of scientific report writing	BRRI	Gazipur	30.10.2021	4.11.2021	Successfully completed	
Modern Office Management	NATA	Gazipur	19.12.2021	23.12.2021	Successfully completed	

17. Field of Specialization : Molecular Plant Pathology

18. Awards (s):

- Successfully completed the **Post-Graduate Certificate course on Seed Technology** supported by **DANIDA** in the Seed Pathology Centre, Bangladesh Agricultural University, Mymensingh.
- Japaneses Government (Monbukagakusho: MEXT) Scholarship Award 2012 for PhD
- Certificate of recognition to Transplanted Aus and Disease Resistance Breeding Team for excellent contribution and works to Transgenic Rice Breeding (TRB) in 2018
- Certificate of recognition to Irrigated and Cold Tolerance Rice Breeding Team for excellent contribution and works to Transgenic Rice Breeding (TRB) in 24 October 2019
- NIS Award, BRRI 2023-24

19. Membership of Professional Societies: Life member of Bangladesh Phytopathological Society, Seed Pathological society and Member of Japanese Phytopathological Society

20. Project involvement:

a) Integrated Agricultural Productivity Project (IAPP)-BRRI from June 2011-Oct. 2012

b) Transgenic Rice Breeding (TRB)-BRRI Project: From April 2017 to March 2021

Project involvement:

a) Collaboration with DANIDA for Adaptation of Bangladesh Agriculture to climate change.

b) Collaboration with Russel IPM, UK for the development of Biopesticides for controlling major rice diseases in Bangladesh.

c) NATP-II PBRG project submitted: Ensuring the national food security through identification of novel resistant genes, gene pyramiding and sustainable management of bacterial blight (BB) disease of rice

d) Bangladesh Academy of Sciences (BAS) funded project: Development of bacterial blight resistant rice variety

e) STRASA

f) TRB, BRRI Cumilla

g) Golden rice

h) Healthier rice

i) BRRI Cumilla Karmasuchi

Md. Mamunur Rashid
SSO, BRRI R/S Cumilla
&
SSO & Head (Additional Charge), BRRI SS,
Sitakunda, Chattogram