

Curriculum Vita

A K M Shalahuddin

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PERSONAL DETAILS

Father's Name : Md. Joynal Abadin
Mother's Name : Salma Abadin
Nationality : Bangladeshi (by Birth)
Date of Birth : 20 August, 1990
Religion : Islam
Marital Status : Single
Blood group : B^{+ve}
Permanent Address : Holding#110, Ward#27, Akua Morol Para, Mymensingh-2200
Present Address : Senior Scientific Officer, Plant Breeding Division, BRRI Regional Station,
Cumilla

EDUCATIONAL QUALIFICATION

Name of Examination	Name of Faculty/Institution	Board/University	Year of Passing	GPA/CGPA
M.S.	Department of Biochemistry	Sher-e-Bangla Agricultural University	2014	3.61 (Out of 4.0)
B.Sc.Ag. (Hons.)	Faculty of Agriculture	Sher-e-Bangla Agricultural University	2012	3.32 (Out of 4.0)
H.S.C.	Dhaka City College	Dhaka	2007	4.50 (Out of 5.0)
S.S.C.	Mymensingh Zilla School	Dhaka	2005	4.94 (Out of 5.0)

TRAINING RECEIVED

Foreign Training/Workshop

Sl#	Title	Institute/Location	Period	Duration
01.	Design and Analysis of Breeding Trials using Plant Breeding Tools (PBTools)	International Rice Research Institute, Phillipines	09 to 12 May 2017	4 Days
02.	Hands-on training on experimental design and data analysis	International Rice Research Institute, Phillipines	15 to 19 May 2017	5 Days
03.	Workshop on “Transformative Rice Breeding: Breeding Program Modernization Initiatives”	IGKV, Raipur, India	08 to 10 October 2018	3 Days

Local Training/Workshop

Sl#	Title	Institute/Location	Period	Duration
01.	Two-Month Rice Production and Communication Training Course	Bangladesh Rice Research Institute	30 August to 28 October 2015	2 Months
02.	Programming R for Experimental Design and Data Analysis	Bangladesh Rice Research Institute	01 to 05 January 2017	5 Days
03.	Design and Analysis of Breeding Trials using Plant Breeding Tools (PBTools)	Bangladesh Rice Research Institute	15 to 18 January 2017	4 Days
04.	Modern Rice Production Training Course	Bangladesh Rice Research Institute	07 to 09 March 2017	3 Days
05.	Experimental Design and Data Analysis Training Course	Bangladesh Rice Research Institute	01 to 03 April 2017	3 Days
06.	Workshop on “Crossing Design of BRRI’s Breeding Program using GBS Profiles”	Bangladesh Rice Research Institute	07-08 May 2017	2 Days
07.	Hands on training on barcoding, data collection apps and post-harvest operations	Bangladesh Rice Research Institute	07 to 10 August 2017	4 Days
08.	Operation and Maintenance of RGA Greenhouse	Bangladesh Rice Research Institute	12 October 2017	1 Day
09.	Application of DryStore Technology on Rice Seed-1 st and 2 nd part	Bangladesh Rice Research Institute	09 May & 18 October 2017	2 Days
10.	Hybrid Rice Development and Seed Production Training Course	Bangladesh Rice Research Institute	12 to 16 November 2017	5 Days
11.	Hands-on Training on P-rep Design	Bangladesh Rice Research Institute	5 December 2017	1 Day
12.	Workshop on “Bioinformatics for Sustainable Development in Agriculture, Health and Environment”	Bangladesh Rice Research Institute	13-14 December 2017	2 Days
13.	Hands-on training on ‘Breeding4Rice Online Data	Bangladesh Rice Research Institute	17-18 January 2018	2 Days

Sl#	Title	Institute/Location	Period	Duration
	Management System' and 'Estimation of Genetic Gain of Breeding Lines Using R'			
14.	Hands on Training on Analysis of low-density genotyping data	Bangladesh Rice Research Institute	20 February 2018	1 Day
15.	Hands on Training on 'Breeding 4 Rice Online Data Management System'	Bangladesh Rice Research Institute	08-12 April 2018	5 Days
16.	Hands-on Training on 'Bioinformatics data management, TASSEL 5 software and leaf sample logistics'	Bangladesh Rice Research Institute	15-17 April 2018	3 Days
17.	Rice Physiological Development through Trait Discovery	Bangladesh Rice Research Institute	11-16 August 2018	5 Days
18.	Work as a resource person on visit and training programme of Indian NARS scientists on 'Experience Sharing of Modernization of Rice Breeding at BRRI'	Bangladesh Rice Research Institute	16-17 September 2018	2 Days
19.	Practical workshop for high-throughput sampling and analysis	Bangladesh Rice Research Institute	18-19 September 2018	2 Days
20.	Training program on 'Breeding for Results (B4R)'	Bangladesh Rice Research Institute	11-13 November 2018	3 Days
21.	Workshop on 'Transforming Rice Breeding: Current status and way forward'	ACI center, Tejgaon, Dhaka	18-19 November 2018	2 Days
22.	N-26 th Foundation Training Course for NARS Scientists	National Agriculture Training Academy (NATA), Gazipur	17 February to 16 June 2019	4 Months
23.	Agricultural Research Methodology	Bangladesh Rice Research Institute	16-20 November 2019	5 Days
24.	Variety Profile of Important Crop Varieties	Bangladesh Agricultural Research Council (BARC), Dhaka	29-31 December 2019	3 Days
25.	Training on Digital Signature Certificate	Bangladesh Rice Research Institute	28 January 2020	1 Day
26.	Scientific Report Writing Training Course	Bangladesh Rice Research Institute	01-05 November 2020	5 Days
27.	Collection and Management of AGGRi Network Trial Data using Digital Tools	Bangladesh Rice Research Institute	07 March 2021	1 Day
28.	Hands-on training for using high throughput phenotypic system for C ₄ rice research course	Bangladesh Rice Research Institute	31 March to 01 April 2021	2 Days
29.	Training course on <i>Innovation in Public Service</i>	National Agriculture	10-14 October 2021	5 Days

Sl#	Title	Institute/Location	Period	Duration
		Training Academy (NATA), Gazipur		
30.	Advanced Research Data Management using R Studio and Refresher of Scientific Report Writing Training Course	Bangladesh Rice Research Institute	23-28 October 2021	6 Days
31.	Workshop on “E-governance and Vision 2021 and 2041”	Bangladesh Rice Research Institute	17 February 2022	1 Day
32.	Workshop on Result Sharing and Planning of Head to Head Adaptive Trial (HHAT)	Bangladesh Rice Research Institute	21 April 2022	1 Day
33.	Training course on “Good Governance”	National Agriculture Training Academy (NATA), Gazipur	28 August- 01 September 2022	5 Days
34.	Training on Agricultural Research Planning and Scientific Report Writing	Banani, Dhaka	30 January 2023	1 Day
35.	Transforming Rice Breeding (TRB)Workshop	Bangladesh Rice Research Institute	05-06 March 2023	2 Days

WORK EXPERIENCE

- ❖ 26 July 2015 to 27 January 2020, Scientific Officer, Plant Breeding Division, BRRI, Gazipur
- ❖ 30 January 2020 to 10 April 2023, Scientific Officer, BRRI Regional Station, Cumilla
- ❖ 11 April 2023 to present, Senior Scientific Officer, BRRI Regional Station, Cumilla

PROFESSIONAL SKILLS

- Research program development, execution, data collection, advance lines development and reporting of research results.
- Data analysis, scientific report writing and report presentation.

COMPUTER LITERATURES/SKILLS

Operating System: Windows 98, Windows XP, Windows 2007, Windows 2008, Windows 2010, Windows 2011, Windows 2016

Application Packages: Genetic Software for Data analysis, MS-Word, MS Power point, MS-Excel.

Internet & others: Familiar with internet application

LINGUISTIC PROFICIENCY

Bengali: Mother tongue.

English: Fluent in reading, writing, listening and speaking.

LIST OF PUBLICATIONS

Papers in Scientific Journals

Shalahuddin, A K M, A S M Masuduzzaman, M M Emam Ahmed, T L Aditya and M S Kabir, 2019. Development of High Yielding Deep Water Rice Variety BRRI dhan91 for Semi Deep Flooded Ecosystem of Bangladesh. Bangladesh Rice J. 23 (1): 57-63. doi.org/10.3329/brj.v23i1.46081.

Shalahuddin, A K M, A K Uddin, M M Nuruddin, R M Mamunur and H M Maksudul, 2019. Effect of Chemical Nutrients (NPK) on Proximate Nutrient and Mineral Content of Oyster Mushroom (*Pleurotusostreatus*). International Journal of Nutritional Science and Food Technology. ISSN 2471-7371.5 (3).

Shalahuddin, A K M, A K Uddin, M M Nuruddin, R M Mamunur and H M Maksudul, 2018. Effect of Different Chemical Nutrients (NPK) on Growth and Yield of Oyster Mushroom (*Pleurotusostreatus*). American-Eurasian J. Agric. & Environ. Sci., 18 (1): 01-07. DOI: 10.5829/idosi.aejaes.2018.01.07.

Amin, A, K M Iftekharuddaula, A Sarker, A H Talukder, S Ghoshal, **A K M Shalahuddin**, T L Aditya, M A Ali and B Collard. 2018. Identification of Novel Submergence Tolerant Local Rice Cultivars of Bangladesh. International Journal of Genetics and Genomics. 6(4): 44-51. doi: 10.11648/j.ijgg.20180604.12.

Kader, M A, T L Aditya, R R Majumder, T K Hore, **A K M Shalahuddin** and A Amin, 2019. Development of Drought Tolerant Rice Variety BRRI dhan66 for Rainfed Lowland Ecosystem of Bangladesh. Bangladesh Rice J. 23 (1): 45-55. doi.org/10.3329/brj.v23i1.46080.

Debsharma, Sanjoy Kumer, Popy Rani Roy, Rouson Ara Begum, Palash Kumar Kundu, **A K M Shalahuddin** and Khandakar Md. Iftekharuddaula, 2020. Genotype-Environment Interaction and Stability for Yield of Inbred and Hybrid Rainfed Lowland Rice (*Oryza sativa* L.) Varieties in Bangladesh. North American Academic Research. 3 (07): 223-233. DOI: <https://doi.org/10.5281/zenodo.3960983>.

Rashid, Md. Mamunur, Mohammad Rezaul Manir, Md. Nayeem Ahmed, Dr. Mousud Iqbal, **AKM Shalahuddin**, Setara Begum, Dr. K P Halder, Md. Ashraful Alam and Maksudul Haque, 2020. Effect of Different Organic Matter on Yield of Rice (*Oryza sativa*). Nature and Science, 18 (7): 34-39. doi:10.7537/marsnsj180720.05.

Begum, Setara, Md Hafizur Rahman, Md Mamunur Rashid, Md Sirajul Islam, Md Rezaul Manir and **A K M Shalahuddin**. 2020. Effect of Sowing Times on Yield Attributes of an Exotic (China) Hybrid Rice Variety in Bangladesh. Asian Plant Research Journal. 6(4): 67-74. ISSN: 2581-9992.

Kader, Md. Abdul, Tamal Lata Aditya, Ratna Rani Majumder, Tapas Kumer Hore, **A K M Shalahuddin** and Md. Ehsanul Haq, 2020. Development of rice varieties BRRI dhan93, BRRI dhan94 and BRRI dhan95 for rainfed lowland ecosystem of Bangladesh. *Journal of Agricultural Science and Practice*. 5(6): 224-233. ISSN: 2536-7072.

Kader, Md. Abdul, **A. K. M. Shalahuddin**, Tapas Kumer Hore, Ratna Rani Majumder, Md. Ehsanul Haq, Kaniz Fatema, Partha Sarathi Biswas and Khandakar Md. Iftekharuddaula, 2021. BRRI Dhan100: A Zinc Enriched Rice Variety Suitable for Irrigated Ecosystem in Bangladesh. *Asian Plant Research Journal*. 8(1):1-8, ISSN: 2581-9992.

Biswas PS, MME Ahmed, W Afrin, A Rahman, **AKM Shalahuddin**, R Islam, F Akter, MA Syed, MRA Sarker, KM Iftekharuddaula and MR Islam, 2023. Enhancing genetic gain through the application of genomic selection in developing irrigated rice for the favorable ecosystem in Bangladesh. *Front. Genet.* 14:1083221. doi: 10.3389/fgene.2023.1083221

Kader, Md. Abdul, **AKM Shalahuddin**, Tapas Kumer Hore, Ratna Rani Majumder, SM Tariqul Islam, Md. Ehsanul Haq, Urmi Rani Shaha, Kaniz Fatema, Partha Sarathi Biswas and Khandakar Md. Iftekharuddaula, 2023. BRRI Dhan102: An Irrigated Ecosystem-Friendly Zinc-Enriched Rice Variety for Bangladesh. *Journal of Experimental Agriculture International*. 45(4):21-27, DOI: 10.9734/JEAI/2023/v45i42112.

Book Chapter

Iftekharuddaula, K M, A Amin, **A K M Shalahuddin**, T Halder, R Yasmeen, M A Hossain, T L Aditya, M A Ali and M S Kabir.2019. Current Scenarios, Progress and Prospects of Developing Technologies for Flood-Tolerant Rice in Bangladesh. Book chapter. *Advances in Rice Research for Abiotic Stress Tolerance*.pp. 265.

Islam Aminul, Rakiba Sultana, **AKM Shalahuddin**, Tasnia Ferdous, Bijoya Saha and Faruk Hossain Khan.2022. BARD's role in extending modern agricultural technology to rural areas. Book chapter. *Modern rice varieties suitable for Cumilla region*.pg.1-27 (originally published in Bengali).

Poster writing on

Kader, M A, K M Iftekharuddaula, TK Hore, **A K M Shalahuddin**, MS Hossain, A Amin, T L Aditya, M A Ali, M S Kabir and G N Atlin. 2018. Provisional product profiles for rainfed lowland rice in Bangladesh. The paper presented as poster presentation at workshop on transforming rice breeding: Breeding program modernization initiative in India held on 08-10 October 2018.

Iftekharuddaula K. M., Rahman M. A., M. Khatun, M. A. Kader, M. R. A. Sarker, **A. K. M. Shalahuddin**, T. L. Aditya, M. A. Ali, M. R. Islam, G. N. Atlin and M. S. Kabir. 2018. Provisional product profiles for flash flood prone environments in Bangladesh. The paper presented as poster presentation at workshop on transforming rice breeding: Breeding program modernization initiative in India held on 08-10 October 2018.

Iftekharuddaula K. M., Rahman M. A., M. Khatun, M. A. Kader, M. R. A. Sarker, **A. K. M. Shalahuddin**, T. L. Aditya, M. A. Ali, M. R. Islam, G. N. Atlin and M. S. Kabir. 2018. Automation and digitization in BRRI breeding programme. The paper presented as poster presentation at workshop on transforming rice breeding: Breeding program modernization initiative in India held on 08-10 October 2018.

List of Abstract

Shalahuddin, A K M, K M Iftekharuddaula, P S Biswas, M A Rahman, M Khatun and M A Kader. 2019. Acceleration of population improvement by reducing breeding cycle through RGA method at BRRI. The paper presented in Bangladesh Rice Research Institute Thursday Seminar on 7th November 2019.

Masuduzzaman, A. S. M., **A. K. M. Shalahuddin**, M. A. Rahman, M. E. Hoque, M. Khalakuzzaman and T. L. Aditya. 2019. Discovery of modern deep water rice having tallness, efficient CO₂ concentrating mechanism and perennial growth. The paper presented in 11th Biennial Conference 2019 of Plant Breeding and Genetic Society of Bangladesh on 29 December 2019 at ACI center, Dhaka.

Rashid MM, MS Mian, SAI Nihad, M Hossain, A Islam, FH Khan, **AKM Shalahuddin**, T Ferdous, B Saha, A Ara, MR Bhuiyan, MAI Khan, TH Ansari and MA Latif. 2023. Factors Affecting Rice Tungro Disease and Its Management Technology in Cumilla Region. The paper presented in the 'International Symposium for the 50 Years of BRRI' on 24 February 2023 at BRRI, Gazipur.

Leaflet

Rashid MM, Khan FH, Saha B, Ferdous T, **Shalahuddin AKM**, 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 (originally published in Bengali).

Rashid MM, Khan FH, Saha B, Ferdous T, **Shalahuddin AKM**, 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 (originally published in Bengali).

Kader MA, Majumder RR, UR Saha, Fatema K, Islam SMT and **Shalahuddin AKM**. June 2022. Cultivation technique of zinc enriched rice Bangabandhu dhan100 for Boro season (Leaflet). BRRRI Publication No. 341 (originally published in Bengali).

Kader MA, Majumder RR, UR Saha, Fatema K, Islam SMT and **Shalahuddin AKM**. June 2022. Cultivation technique of zinc enriched rice BRRRI dhan102 for Boro season (Leaflet). BRRRI Publication No. 342 (originally published in Bengali).

Kader MA, Majumder RR, Hore TK, Saha UR, **Shalahuddin AKM** and Fatema K. February 2023. Cultivation technique of premium quality enriched aromatic rice BRRRI dhan104 for Boro season (Leaflet). BRRRI Publication No. 355 (originally published in Bengali).

PROFESSIONAL MEMBERSHIP

- i) Bangladesh Rice Research Institute Scientist's Association (BRRISA)
- ii) Genetics and Plant Breeding Society
- iii) Bangladesh Rice Research Institute Officers Club
- iv) Krishibid Institution, Bangladesh (KIB)

REFERENCES

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