

CURRICULUM VITAE OF MD. IFTEKHAR MAHMUD AKHAND

1. Name: **Md. Iftekhar Mahmud Akhand**
2. Father`s name: Dr. Md. Abdul Mannan Akhand
3. Mather`s name: Mrs. Ferdousi Mannan
4. Permanent address: Village- Khodadia, P.O.- Kapasia, Upazilla- Kapasia, District- Gazipur.
5. Present address: Md. Iftekhar Mahmud Akhand, Senior Scientific Officer, BRRRI Regional Station Bhanga, Faridpur
E-mail: iftekharbrrri1984@gmail.com
Fax: 88-02-9261110
6. Date of Birth : 27 September, 1986
7. Nationality : Bangladeshi
8. Mobile number : 01982653133
9. Field of Specialization: Agronomy (Crop production and management)

10. Service Experiences:

Designation	Department/Institution	Duration		Working place
		From	To	
Scientific Officer	Agronomy Division, Bangladesh Rice Research Institute	20 August, 2009	13 October, 2014	BRRRI, HQ-Gazipur
Scientific Officer	BRRRI Regional Station Bhanga, Faridpur & Office Incharge, IADP-PGB (BRRRI Part), Gopalganj	14 October, 2014	13 December, 2015	IADP-PGB Project site office, Gopalganj
Senior Scientific Officer	BRRRI Regional Station Bhanga, Faridpur & Office Incharge, IADP-PGB (BRRRI Part), Gopalganj	14 December, 2014	30 June, 2017	IADP-PGB Project site office, Gopalganj
Senior Scientific Officer	BRRRI Regional Station Bhanga, Faridpur	1 July, 2017	Till date	BRRRI Regional Station Bhanga, Faridpur

11. Educational qualifications:

Degree / Certificate	Board / University	Division/Class	Year of passing/Duration
PhD in Agronomy	University of the Philippines, Los Baños, Philippines		(1 August 2018 to 31 July, 2022)
Master of Science in Entomology	Bangabandhu Sheikh Mujibur Rahman Agricultural University, Salna, Gazipur	CGPA 4.00 (Out of 4.00)	2011
B.Sc. Ag. (Hons.)	Bangladesh Agricultural University, Mymensingh	CGPA 3.70 (Out of 4.00)	2008
H. S. C.	Dhaka	CGPA 4.0 (Out of 5.00)	2003
S. S. C.	Dhaka	CGPA 4.38 (Out of 5.00)	2001

12. (a) Training (in country):

Organizations	Year	Duration		Name of programme
		Month	Days	
International Rice Research Institute, the Philippines	2018		4	Life Cycle Assessment for Agriculture
Food and Agriculture Organization of the United Nations	2015		4	Globally Important Agricultural Heritage Systems
Bangladesh Agricultural University, Mymensingh	2014		14	Research Methodology
Bangladesh Rice Research Institute, Gazipur	2014	2	-	Two-month Rice Production Training Course
Bangladesh Rice Research Institute, Gazipur	2013	-	3	Experimental Design, Layout and Statistical Analysis
Bangladesh Agricultural Research Council, Dhaka	2013	-	2	Rice & Wheat Cultivation for Unfavorable Ecosystem
Bangladesh Rice Research Institute, Gazipur	2013	-	6	Integrated Rice Production Training Course
Bangladesh Agricultural Research Institute, Gazipur	2012	-	12	Application Software for Agricultural Research & Development for NARS Scientist
Bangladesh Agricultural Research Institute, Gazipur	2012	-	5	On Farm Research Methodology
Bangladesh Rice Research Institute, Gazipur.	2012	-	3	Breeder Seed Production and Preservation of Rice
Bangladesh Agricultural Research Institute, Gazipur	2012	-	5	Crop Production Technologies under Environmental Stress Condition for NARS Scientist
Bangladesh Agricultural Research Council, Dhaka	2011	-	2	Food Safety & Phytosanitary Measures
Bangladesh Rice Research Institute, Gazipur.	2010	-	3	Hybrid Rice Seed Production Technology
Bangladesh Rice Research Institute, Gazipur.	2010	-	3	Utilization of Bangladesh Rice Knowledge Bank
Bangladesh Agricultural Research Institute, Gazipur	2010	-	3	Use of Fertilizer Recommendation Guide-2005
Bangladesh Agricultural Research Council, Dhaka	2010	-	3	Seed Quality Management
Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur-1706	2009	-	15	Office Management
Bangladesh Fire Service & Civil Defence Division	2005	-	5	Agni Nirbapan & Moulik general Course

12. (b) Exposure visit (Abroad):

Country	Year	Duration		Name of programme
		Month	Days	
Bangkok, Thailand	2015		5	Exposure visit on “Best Practices in Agricultural Production Systems”

13. Research Paper Published in the Journal:

A. Full paper published: 18

As Principal Author

- i. **Akhand, M. I. M.**, B.C. Roy, J.C. Biswas, N. Parvin and S. Paul. 2013. Urea spraying as an effective alternate method of nitrogen management. *Eco-friendly Agril. J.* 6(09): 188-192.
- ii. **Akhand, M. I. M.**, A.B.M. Anwar Uddin, M.Z. Alam, M.R.U. Miah and M. Hasan. 2012. Effects of neem products for the management of yellow stem borer in Boro rice. *Bangladesh J. Entomol.* 22(1): 33-46.

As Co-Author

- iii. Rana, M. M., M. S. U. Bhuiya and **M. I. M. Akhand**. 2013. Effect of intercropping of *Sesbania rostrata* with transplant aman rice on yield and profitability. *IOSR. J. of Agriculture & Veterinary Science* Vol (2) Issue (1): 10-14.
- iv. Mannan, M.A., **M. I. M. Akhand**, M. R. Islam and A. Ara. 2013. Effect of water stress and nitrogen on the growth and yield of modern aromatic fine rice varieties in Boro season. *Intl. J. BioRes.* 15(1): 12-19
- v. Kadiruzzaman, M., A. Sarker, M.M. Rana, **M. I. M. Akhand**, A. Zahan and M.I.U. Sarker. 2013. Study on the use of Rhizobacteria as an alternative of Phosphatic fertilizers in Tomato cultivation. *Intl. J. BioRes.* 15(2): 11-17
- vi. Parvin, N., M. R. Islam, B. Nessa, A. Zahan, **M. I. M. Akhand**. 2013. Effect of sowing time and plant density on growth and yield of stem amaranth (*Amaranthus lividis* L.). *Eco-friendly Agril. J.* 6(10): 215-219.
- vii. Paul, S., M. Kamruzzaman, **M. I. M. Akhand**, R. Barua, N. Parvin, S. Hosen. 2013. Pollution scenario and possible remedial measures of the Buriganga river of Bangladesh. *Eco-friendly Agril. J.* 6(12): 257-264.
- viii. Rana, M. M., M. A. A. Mamun, **M. I. M. Akhand**, M. K. A. Bhuiyan and M. A. J. Mridha. 2012. Weed control in transplanted rice: Efficacy of Fenoxaprop-P-Ethyl. *Bangladesh J. Weed Sci.* 3 (1 & 2): 53-58
- ix. Mannan, M. A., M. S. U. Bhuiya, **M. I. M. Akhand** and M. M. Rana. 2012. Influence of date of planting on the growth and yield of locally popular traditional aromatic rice varieties in Boro season. *J. Sci. Foundation*, January-June; 10(1): 20-28.
- x. Zahan, A., N. Parvin, R. Barua, **M. I. M. Akhand** and M. Adil. 2012. Attitude towards rural women livestock rearing. *Eco-friendly Agril. J.* 5 (12): 268-271.

- xi. Mannan, M. A., M. S. U. Bhuiya, **M. I. M. Akhand**, M. K. A. Bhuiyan and M. M. Rana. 2012. Performance of Photoperiod sensitive modern aromatic rice varieties as influenced by planting date in Boro season. Bangladesh Agron. J. 15 (2): 29-36
- xii. Mannan, M. A., M. S. U. Bhuiya, **M. I. M. Akhand** and M. M. Zaman. 2012. Growth and yield of Basmati and Traditional Aromatic rice as influenced by water stress and nitrogen level. Journal of Science Foundation, 10(2): 52-62.
- xiii. Mannan, M.A., M. S. U. Bhuiya, S. M. A. Hossain and **M. I. M. Akhand**. 2009. Study on Phenology and yielding ability of Basmati fine rice genotypes as influenced by planting date in Aman season. Bangladesh J. Agril. Res. 34(3): 373-384
- xiv. Mannan, M.A., M. S. U. Bhuiya, S. M. A. Hossain, A. M. A. Kamal, and **M. I. M. Akhand**. 2008. Response of Aromatic Modern Rice to Nitrogen under Transplant Condition in Wet Season. Bangladesh Rice J. 13(1): 85-90.
- xv. Mannan, M. A., M. S. U. Bhuiya, S. M. A. Hossain and **M. I. M. Akhand**. 2008. Influence of planting time on the productivity of the traditional aromatic rice in the Aman season. Bangladesh Rice J. 14(1 &2): 71-77.
- xvi. Mannan, M. A., **M. I. M. Akhand**, S. A. Islam, A. J. Mridha and R. Shultana. 2010. Influence of nitrogen on the growth and yield of Basmati rice genotypes in Boro season. Intl. J. Sustain. Agril. Tech. 6 (3): 39-45.
- xvii. Mannan, M.A., M. S. U. Bhuiya, S. M. A. Hossain and **M. I. M. Akhand**. 2010. Optimization of nitrogen rate for Aromatic Basmati rice. Bangladesh J. Agril. Res. 35(1): 157-165
- xviii. M. M. Mahbub, **M. I. M. Akhand**, M. K. A. Bhuiyan. 2022. Weed Management in Dry Direct Seeded Rice for Enhancement of Production. J. Basic. Appl. Sci. Res., 12(1)7-12, 2022

B. Short Communication: 1

- i. Mannan, M. A., M. S. U. Bhuiya, S. M. A. Hossain and **M. I. M. Akhand**. 2009. Influence of nitrogen on grain quality of fine rice genotypes in Aman and Boro seasons. Bangladesh J. Agril. Res. 34 (2): 329-333.

C. Others: 1

- i. **Akhand, M. I. M.** 2005. Speak of goat. Published in Bondhon. 69th Batch, Bangladesh Krishi Institute.

14. Outstanding achievement

- i. Achieved **Distinction** in the **6-Days Integrated Rice Production Training** held from 19 January to 24 January, 2013 at Bangladesh Rice Research Institute (BRRI), Gazipur.
- ii. Achieved **Distinction** in the **Two-Month Rice Production Training** held from 16 February to 16 April, 2014 at Bangladesh Rice Research Institute (BRRI), Gazipur
- iii. Achieved “**Sudhachar Puruskar 2022-2023**” from 3 to 9th grade officers from BRRI R/S Bhanga Faridpur on 5 July 2023.

15. Published bangla folder: 4

As Principal Author:

- i. “Application of Urea super granule for increasing rice yield in the south-eastern region (Pirojpur-Gopalganj-Bagerhat)”
- ii. “Semi deep water rice varieties with fish culture- A prospectful technology in Boro-Fallow-Fallow pattern for Gopalganj region”
- iii. “Agronomic management in Jute relay broadcast Aman rice cultivation”

As Co-author

- iv. “Suitable rice varieties and production techniques for Aus and Aman seasons in Faridpur region”

16. Involved in the Research Projects:

- i. I work actively as working scientist and Office Incharge of IADP-PGB (BRRRI Part), Project site Office in Gopalganj
- ii. I worked as a working scientist of **Integrated Agricultural Productivity Project (IAPP)** in Barisal and Rangpur reigon.
- iii. I also involved in **CSISA objective 3-** “High yielding, abiotic stress-tolerant and disease and insect resistant rice varieties and hybrids for current and future cereal and mixed crop–livestock systems” of Agronomy Division and **Krishi Gobeshona Foundation Project.**

17. Seminar Paper

A. Paper presented in Seminar as Principal author:

- i. **M.I.M. Akhand**. 2009. Management of stored grain (cereal) rests for ensuring healthy seed supply. Paperpersonated at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur on 17 December.

B. Paper presented in Seminar as Co-author:

- ii. M. M. Rana, M. A. A. Mamun, **M. I. M. Akhand**, M. K.A. Bhuiyan and A. J. Mridha. 2013. Weed control in transplanted rice: Efficacy of Fenoxaprop-P-Ethyl. Paper persenated at 4th Conference of Weed Science Society of Bangladesh at Bangladesh Agricultural Research Council on 3 May.

18. Course Coordinator in training programme:

- i. Total **30 nos Farmer’s** training was conducted under IAPP project on Integrated Crop Management in Modern Rice Cutivation at Kolapara, Patuakhali in Aus, 2012
- ii. Total **20 nos Sub Assistant Agricultural Officer (SAAO)** training was conducted under IAPP project on Integrated Crop Management in Modern Rice Cutivation at Kolapara, Patuakhali in Aus, 2012

19. Participation in Agronomic Conference:

- i. Participate in 10th conference on Crop Production under Changing Climate in Bangladesh: Agronomic Options organized by **Bangladesh Society of Agronomy** at Bangladesh Agricultural Research Council, Dhaka, 2010
- ii. Participate in 11th conference on Advance in Agronomic Research under Changing environment organized by **Bangladesh Society of Agronomy** in Bangladesh at Bangladesh Agricultural Research Institute, Gazipur on 6 October, 2012
- iii. Participate in 12th conference on Agronomic Research for Enhancing Sustainable Crop Production organized by **Bangladesh Society of Agronomy** at Bangladesh Agricultural Research Council, Dhaka on 20 September, 2013
- iv. Participate in 2nd conference organized by **Weed Science Society of Bangladesh** at Shere-Bangla-Agricultural University, Dhaka 6-7 October
- v. Participate in 4th conference on Weed in Bangladesh: Issues and Challenges organized by **Weed Science Society of Bangladesh** at Bangladesh Agricultural Research Council, Dhaka on 3 May, 2013

20. Membership of Professional Societies

- i. Bangladesh Society of Agronomy (BSA)
- ii. Weed Science Society of Bangladesh (WSSB)
- iii. Bangladesh Entomological Society
- iv. Krisibid Institution of Bangladesh (KIB)
- v. Bangladesh Rice Research Institute Scientist's Association (BRRISA)