

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.- Kapsasia, Upazilla- Kapsasia, District- Gazipur.
5. Present address: Md. Iftekhar Mahmud Akhand, Senior Scientific Officer, BRRRI Regional Station Bhanga, Faridpur & Office Incharge, Integrated Agriculture Development Project in Pirojpur-Gopalganj-Bagerhat (BRRRI Part), Gopalganj,
E-mail: mimabrri@yahoo.com & iftekharbrrri@gmail.com
Fax: 88-02-9261110
6. Date of Birth : 27 September, 1986
7. Nationality : Bangladeshi
8. Mobile number : 01914971540, 01752955381
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 | Till date | IADP-PGB Project site office, Gopalganj |

11. Educational qualifications:

| Degree / Certificate | Board / University | Division/Class | Year of passing |
|---------------------------------|---|-------------------------|-----------------|
| 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 | |
| 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 | |
| Bankok, Thailand | 2015 | | 5 | Exposure visit on “Best Practices in Agricultural Production Systems” |

13. Research Paper Published in the Journal:

A. Full paper published: 17

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

B. Short Communication: 1

- 1. 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

- 1. **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

15. 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**.

16. 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. Paper personated at Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur on 17 December.

B. Paper presented in Seminar as Co-author:

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

17. Course Coordinator in training programme:

- i. Total **30 nos Farmer’s** training was conducted under IAPP project on “Integrated Crop Management in Modern Rice Cultivation” at Amtoli, Barguna in Aus, 2012.
- ii. Total **30 nos Farmer’s** training was conducted under IAPP project on “Integrated Crop Management in Modern Rice Cultivation ” at Kolapara, Patuakhali in Aus, 2012.
- iii. Total **20 nos Sub Assistant Agricultural Officer (SAAO)** training was conducted under IAPP project on “Integrated Crop Management in Modern Rice Cultivation” at Gournadi, Barisal in Aus, 2012.
- iv. Total **30 nos Farmer’s** training was conducted under IAPP project on “Integrated Crop Management in Modern Rice Cultivation ” at Muladi, Barisal in Aus, 2012.

18. 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

19. 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)