Curriculum Vitae

Of

**MD. AKTARUL ISLAM**

*Scientific Officer, Agricultural Engineering Division, Bangladesh Institute*

*of Nuclear Agriculture (BINA), Mymensingh. Cell: +8801719474518,*

*email:* [*aktarul.bau@gmail.com*](mailto:aktarul.bau@gmail.com)

1. **Research Interests/ Area of Expertise**

* Farm machinery
* Irrigation management
* Conservation Agriculture
* Water Quality Assessment

**B. Educational Qualification**

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| **Name of Degree** | **Field of Specializations** | **University/ Board** | **Year of Passing** | **CGPA** |
| Master of Science (M.S) in Farm Power and Machinery | Farm Power and Machinery | Bangladesh Agricultural University, Mymensingh. | 2013 | 3.42  (Out of 4) |
| Bachelor of Science in  Agricultural Engineering (B.Sc.Ag. Engg.) | FPM, IWM, FS, Agriculture | Bangladesh Agricultural University, Mymensingh. | 2011 | 3.26  (Out of 4) |
| Higher Secondary Certificate (HSC) | Science | Rajshahi Educational Board | 2007 | 5.00  (Out of 5) |
| Secondary School Certificate (SSC) | Science | Rajshahi Educational Board | 2005 | 5.00  (Out of 5) |

## D. Experience Records

**I.**

**Job Title:** Scientific Officer

**Period:** June 22, 2017 to till today.

**Organization:** Bangladesh Institute of Nuclear Agriculture (BINA)

**Location:** Agricultural Engineering Division, BINA Head office, BAU Campus, Mymensingh.

## II.

**Job Title:** Agricultural Machinery Development Officer

**Period:** January 01, 2014 to June 21, 2017

**Organization:** International Maize and Wheat Improvement Centre (CIMMYT), Bangladesh

House 10/B, Road 53, Gulshan 2, Dhaka 1213

**Location:** Khulna and Jashore.

## E. Publications

1. **Islam M.A.,** Ali, M.H., Zaman, M.H.and Biswas. 2020. Effects of drought stress and supplemental irrigation on some rice mutants. Asian Plant Research Journal 4(3): 39-45.
2. Ali, M.H., **Islam M.A.** 2020. Application of tracer method in determining groundwater recharge: a case study at Mymensingh area, Bangladesh. Research and Development in Agricultural Sciences Vol. 2.Chapter 10 Print ISBN: 978-93-89816-22-8, eBook ISBN: 978-93-89816-23-5.
3. Ali, M.H., **Islam, M.A.** 2020. Recent trend of reference evapotranspiration in the north-eastern region of Bangladesh. Emerging Issues in Science and Technology Vol. 4.Chapter 5. Print ISBN: 978-93-89816-54-9, eBook ISBN: 978-93-89816-55-6.
4. Ali, M.H., Zaman, M.H., **Islam M.A.,** and Biswas,P. 2019. Estimation of ground water recharge using tracer and water balance method and Ishwardi, Banglaesh. Journal of Agril. Engg.IEB. 42/AE (1): 75-82.
5. Zaman, M.H., Ali, M.H., **IslamM.A.,** and Biswas,P. 2019. Evaluation of ground water quality of Chapainawabgonj, Banglaesh for drinking and agriculture use. Journal of Agril. Engg.IEB. 42/AE (1): 61-67
6. Ali, M. I., **Islam, M. A.,** Khaliq Q. A. and Rouf, M. A. 2019.Effect of zinc fertilizer application on growth yield and yield contributing characters in rice. Asian Journal of Advances in Agricultural Research. 9(2): 1-10.
7. Ali, M. H., Mubarak, S. **Islam, M. A.,** and Biswas, P. 2017. Comparative evaluation of various empirical methods for estimating groundwater recharge. Archives of Current Research International. 11(1): 1-10.
8. **Islam, M. A.,** Hussain, M. D., Kabir, E., Hasan, M. Z.2014. Development of low cost agarwood essential oil extraction system for agar tree growers in Bangladesh. J. Bangladesh Agril. Univ. 12 (1): 167-170
9. Kamruzzaman, M., Awal, M. A., Hossen, M.A., Paul, S., Nath, B.C., **Islam, M.A**. 2014.Protection of seedling in tray for mechanical rice transplanting from effect of cold weather using polythene shed. BJPST: 12(1):05-10.
10. Hossen, M. S., Musabbir, A. A., Hossain, M. M., Hasan, M. Z., **Islam, M. A**. 2013.Improvement of the seed metering device of power tiller operated zero till drill. Progress. Agric., 24 (1 & 2): 203-210.
11. Hasan, M. Z., Hossain, M. M., Khan, A. S. M. A. R., **Islam, M. A.** 2013. Performance study of semi feed combine harvesters available in Bangladesh. Bangladesh J. Agri. Engg., 24 (1&2): 17-23.

## F. Achievement/ Award

* Awarded National Fellowship from NST, Ministry of Science and Technology, Bangladesh

**G. Training/Workshop**

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| **SL** | **Name of the training course** | **Duration** | **Venue** | **Organized by** |
| 1 | Research Methodology | 13 days | GTI, Mymensingh | GTI, BAU |
| 2 | Advanced ICT Management | 15 days | NATA, Gazipur | NATA |
| 3 | Training on Research Conduction, Office and Financial Management | 04 days | Head Office, BINA, Mymensing | BINA |
| 4 | Integrated water resource Management in Agriculture. | 05 days | NATA, Gazipur | NATA |
| 5 | Conservation Agriculture, Farm Machinery and On-farm research and Data management | 05 days | BARI, Joydebpur | CIMMYT |

**H.** **Social and Organizational Skill and Competence**

1. Member, Institution of Engineers, Bangladesh (**IEB**)

2. Member, Krishibid Institution, Bangladesh **(KIB)**

3. Member, Bangladesh Society of Agricultural Engineers (**BSAE**)

# I. Personal Information

**Father's Name :** Late Tajemul Haque

**Mother's Name :** Most. Ayasha Begum

**Permanent Address :** Vill. Arambag, P.O. Battalahat

Upazila: Nawabgonj Sadar, Dist. Chapai Nawabgonj

**Date of Birth** **:** February 11, 1990

**Religious :** Islam

**Nationality :** Bangladeshi by birth

**Sex :** Male

**Height :** 5` 8``

**Marital status :** Married (Spouse: Nowrin Islam Toma)

**I. References**

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| Engr. Dr. Md. Hossain Ali (M. H. Ali)  Chief Scientific Officer, and Head, Agril. Engg. Division Bangladesh Institute of Nuclear Agriculture (BINA) BAU Campus, Mymensingh Mobile: (+)88-01818486534 Email: [mha\_bina@yahoo.com](mailto:mha_bina@yahoo.com) | Kh. Shafiqul Islam, PhD  Hub Coordinator  International Maize and Wheat Improvement Centre (CIMMYT),RARS, BARI, Palbari Jessore.  Mobile: +8801711451064  Email: [shafiqul.islam@cgiar.org](mailto:shafiqul.islam@cgiar.org) |

I certify that all particulars given are correct and understand that should any false statement and omission be made on this CV.

**(Md. Aktarul Islam)**