

# Curriculum vitae

Md. Asif Rahman  
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Mailing address: : Scientific Officer, Entomology Division, Bangladesh Rice Research Institute, Gazipur-1701, Bangladesh.

Father's name : Dr. Md. Ansar Ali

Mother's name : Mst. Sharmin Sultana

Permanent address : Kushodanga, Bhanderpol, Koyra, Khulna.

Date of birth : 30 December, 1992

Nationality : Bangladeshi

Gender : Male

Blood group : B+

Religion : Islam

Marital status : Single

Field of specialization: : Plant Breeding, Molecular Rice Breeding (QTL pyramiding and marker assisted backcrossing), Molecular Genetics, Salt Stress Physiology.

Field of interest: : QTL mapping, Bioinformatics application in rice research, CRISPR- CAS9 genome editing in rice, Gene silencing, Genetic transformation

## Education qualifications :

Name of the degree	Board/ University	Year of passing	CGPA
MS (Genetics & Plant Breeding)	Bangabandhu Sheikh Mujibur Rahman Agricultural University	2016	3.81 (out of 4)
BS (Ag.)	Bangabandhu Sheikh Mujibur Rahman Agricultural University	2013	3.72 (out of 4)
HSC	Govt. City College, Rajshahi	2009	5.00 (out of 5)
SSC	Maskatadighi High School, Rajshahi	2007	5.00 (out of 5)

## Dissertations:

MS: Introgression of *Saltol* QTL into genetic background of BRRI dhan49 through marker assisted breeding (Research Advisor: Dr. Ruhul Amin Sarker, SSO, BRRI)

## Professional carrier:

Sl. No.	Designation	Division	Institute	Duration
01.	Scientific Officer	Entomology	BRRI	-
02.	Scientific Officer (TRB-BRRI Project)	Plant Pathology	BRRI	7 months
03.	Scientific Officer (TRB-BRRI Project)	Plant breeding	BRRI	9 months
04.	Research Associate	Plant breeding	BRRI	2.5 years

**Professional/Research (Work) experience:**

1. As Scientific Officer, Entomology division : Development of rice variety through pyramiding of bph3 and bph17 into genetic background of BRRIdhan58, development of mapping population for QTL mapping responsible for gall midge resistance in local rice germplasms.
2. As Scientific Officer (TRB-BRRI Project), Plant Pathology division : Development of rice breeding lines for bacterial blight resistance through pyramiding of *Xa4*, *Xa13* and *Xa21* in the genetic background of BRRIdhan28 and and BRRIdhan29 through MAS.
3. As Scientific Officer (TRB-BRRI Project), Plant breeding division : Development of rice breeding lines for salt tolerance through both conventional and molecular approaches. Insect resistance Rice breeding (BPH, Gall midge). Field Rapid generation advance for rapid genetic gain.
4. As Research Associate : Development of improved salt tolerance in BRRIdhan49 through introgression of *Saltol* QTL supported by marker aided backcrossing. Screening advance breeding lines for salinity tolerance at seedling stage in physiology division.

**Training:**

Title	From	To	Duration	Venue	Remarks
Advanced training on biotechnology	20 Nov, 2018	29 Nov, 2018	10 days	National Institute of Biotechnology (NIB)	Successfully completed
Design and analysis of breeding trials using plant breeding tools (PBTools)	15 Jan, 2018	18 Jan, 2018	04 days	BRRIOrganized by IRRI	Successfully completed
Application of molecular biology in rice breeding	June 8, 2014	July 3, 2024	26 days	BRRIOrganized by Kyunpook National University (Korea)	Successfully completed

**List of publications:**

1. Moni, Z.R., Ali, M.A., Alam, M.S., **Rahman, M.A.**, Bhuiyan, M.R., Mian, M.S., Iftekharruddaula, K.M., Latif, M.A. and Khan, M.A.I., 2016. Morphological and genetical variability among *Rhizoctonia solani* isolates causing sheath blight disease of rice. *Rice Science*, 23(1), pp.42-50.
2. Islam, A.S., Rana, M.S., Rahman, M.M., Mian, M.J.A., Rahman, M.M., **Rahman, M.A.** and Naher, N., 2016. Growth, yield and nutrient uptake capacity of rice under different sulphur levels. *Turkish Journal of Agriculture-Food Science and Technology*, 4(7), pp.557-565.

**Membership of professional society:**

1. Krishibid Institution Bangladesh (KIB).
2. Bangabandhu Krishibid Parishad.
3. Bangladesh Bioinformatics and Computational Biology Association.

**References:**

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