

Curriculum Vitae Of

Anjuman Ara

Scientific Officer,
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Personal Details:

Name : **Anjuman ara**
Father's name : Md. Hedayetul Islam
Mother's name : Nahar Islam
Permanent address : Vill- Charparbati, P.O. – Chowdhuryhat, P.S. - Companygang
District - Noakhali
Date of birth : 15th December 1985
Nationality : Bangladeshi (by birth)
Religion : Islam
Sex : Female
Blood Group : A (+)
Marital Status : Married

Educational Qualifications:

Name of the Exam	Institution	Board/University	Subject	Year	CGPA/Class/ Division
Masters of Science (M.S.)	Bangabandhu Sheikh Mujibur Rahman Agricultural University	Bangabandhu Sheikh Mujibur Rahman Agricultural University	Genetics & Plant Breeding	Winter'2012	3.08 (Out of 4 & equivalent to 1st class)
Bachelor of Science in Agriculture (B.Sc.Ag.)	Sher-e-Bangla Agricultural University, Dhaka	Sher-e-Bangla Agricultural University, Dhaka	Agriculture	2008 (Held in 2009)	3.61 (Out of 4 & equivalent to 1st class)
Higher Secondary Certificate (H.S.C.)	Gazipur Mohila College, Gazipur.	Dhaka	Science	2003	3.60 (Out of 5 & Equivalent to 1st class)
Secondary School Certificate (S.S.C.)	Joydebpur Govt. Girls' High School, Gazipur.	Dhaka	Science	2001	4.25 (Out of 5 & Equivalent to 1st class)

Courses/ Subjects Studied:

❖ At MS (GPB) Level:

Plant Breeding, Plant Genetic Resources, Advanced Plant Breeding, Genetics, Molecular Genetics, Quantitative Genetics, Cytogenetics, Breeding Field Crops, Plant Embryology, Plant Tissue Culture, Design of Experiments etc.

❖ At B.Sc. Ag Level:

Agronomy, Soil Science, Horticulture, **Genetics and Plant Breeding**, Biotechnology, Entomology, Plant Pathology, Crop Botany, Agricultural Extension and Information system, Biochemistry, Agricultural Chemistry, Agro-forestry, Agricultural Economics, Agricultural Statistics, Animal Husbandry, Farm Mechanics, English, Fisheries and Rural Sociology.

❖ At Higher Secondary Level:

English, Bengali, Physics, Chemistry, Biology, Mathematics.

❖ At Secondary Level:

English, Bengali, Physics, Chemistry, Mathematics, Higher Mathematics, Biology, Social science, Religion.

Job (Research) Experience:

Name of the post	Organization /Institute	Duration	Activities
Scientific Officer	Plant Pathology Division, BRRI, Gazipur, Bangladesh	10 th July' 13- till date	<ol style="list-style-type: none">1. Isolate and identify fungal, viral and bacterial pathogen through systemic plant pathological approach;2. Work with host-pathogen interaction using light microscope;3. Field experimental techniques;4. Use Molecular Techniques (Use of PCR, RAPD, AFLP and RFLF etc.) to characterize plant pathogens;5. Development of molecular tools for detection, diagnosis and characterization of plant pathogens.
Scientific Officer	Breeder Seed Project, Genetic Resources and Seed Division, BRRI, Bangladesh	25 th April' 12- 30 th June' 13	<ol style="list-style-type: none">1. Production and distribution of breeder seed;2. Maintenance of BRRI developed and released varieties;3. Collection, characterization and documentation of rice genetic resources;4. Seed technology research;5. Molecular characterization of rice genetic resources

Professional Training:

Title	Organized by	Time & Duration
1. Experimental Design and Data Analysis Training Course	Training Division, BRRI, Gazipur	17 th - 21 st May, October' 14 (5 days)
2. Basic GIS: Using QGIS, R, SAGA & GRASS GIS	BARC, Dhaka	13 th - 17 th October' 14 (5 days)
3. Rice Production, Communication and Office Management Training Course	Training Division, BRRI, Gazipur	12 th -17 th April' 13 (6 days)
4. Training on Experimental Design, Layout and Statistical Analysis	FMPHT Division, BRRI, Gazipur	22 nd - 24 th December' 13 (3 days)
5. Rice Breeder Seed Production and Preservation Training	Training Division, BRRI, Gazipur	18 th - 20 th June' 13 (3 days)
6. Theory and practice of Molecular Breeding in Rice.	Plant Breeding Division, BRRI, Gazipur	26 th January- 1 st February' 12 (5 Days)

Field of Specialization:

Plant Pathology, Characterization of Germplasm, Breeder Seed Production and Molecular Breeding in Rice.

Special Activities as Researcher:

1. As working scientist in IAPP Project
2. As Scientific Officer in Breeder Seed Project
3. As focal point in ARMIS Project

Membership of the Professional Associations:

Association name	Nature of membership	Year of registration
Phytopathological Society of Bangladesh	Member	2014
Bangladesh Association for the Advancement of Science	Member	2014
BRRI Scientists Association	Member	2013
BRRI Officer's Club	Member	2013
Plant Breeding and Genetics Society of Bangladesh	Member	2012
Bangladesh Krishibid Institution	Member	2011

Presentation:

1. A seminar paper presented during the MS program on the title of “Molecular Based Diversity in Rice”.
2. A thesis paper presented during the MS program on the title of “Introgression of *SUB1* QTL into BRRI dhan49 using Marker Assisted Backcrossing Technique”
3. Presentation on “Effect of Brine solution in Different Concentration on Seed borne Disease of rice”

Publications:

- 1 A. Ara, K. M. Iftekharuddaula, M. M. H. Saikat, A.B.M. A. Uddin, M. A. I. Khan 2015 Introgression of *Sub1* QTL into a rainfed lowland rice variety of Bangladesh using marker assisted backcross approach. International Journal of Research. IJR, Vol-2, Issue-05
2. M. A. I. Khan, M. R. Bhuiyan, M. S. Hossain, P.P. Sen, A. Ara, M. A. Siddique and M. A. Ali 2014 Neck blast disease influence grain yield and quality traits of aromatic rice. C. R. Biologies 337 (2014) 635-641
3. M. A. Mannan, MIM 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
4. F T Johora, M A Islam, MR Hasan and A. Ara. 2013. Genotype × Environment (Seedling Age) Interaction and Stability Analysis of CMS Seed Yield in Hybrid Rice. Intl.J.BioRes. 15(4):20-23

Other Achievements:

❖ **Language Proficiency:**

Bengali and English (Both oral and written)

❖ **Computer Literacy:**

MS Word, MS Excel, MS PowerPoint, Data Analysis

❖ **Interests:**

Work on rice breeding program, traveling, social works, gardening.

References:

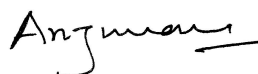
Dr. Md. Ansar Ali

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Sincerely yours,



(Anjuman Ara)