

Curriculum Vitae of AFIA SULTANA RUMA

Afia Sultana Ruma
Scientific Officer
Farm Management Division
Bangladesh Rice Research Institute (BRRI)
Gazipur, Bangladesh
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E-mail: afiafmdbrri@gmail.com



(A) Personal Information :

Name : Afia Sultana Ruma	Sex: Female
Father's Name: Md. Abdul Awal	National ID: 9557209211
Mother's Name: Mouluda Begum	Date of Birth: 15 th April, 1995
Permanent address : Vill.-Bapari Para	Marital status: Married
P.O.-Kurigram-5600	Blood Group: O ⁽⁺⁾ ve
P. S.-Kurigram Sadar	Height: 5.1"
Dist.-Kurigram	Weight: 58 kg.
Nationality: Bangladeshi	
Religion: Islam	

(B) Educational Qualification (In Reverse Chronology):

Name of Exam.	Name of Board/University	Course Duration	Division/ CGPA	Year of Passing
Master of Science in Genetics and Plant Breeding	Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU), Gazipur, Bangladesh	2 years	CGPA 3.507 out of 4.00	2020
Bachelor of Science in Agriculture (Honours) [B.Sc.Ag. (Hons.)]	Hajee Mohammad Danesh Science and Technology University (HSTU), Dinajpur, Bangladesh	4 Years	CGPA 3.63 out of 4.00	2016 (Exam held in 2018)
Higher Secondary Certificate (H.S.C) (Science Group)	Dinajpur Board	2 Years	GPA 5.00 out of 5.00 (with Board Scholarship)	2012
Secondary School Certificate (S.S.C) (Science Group)	Dinajpur Board	2 Years	GPA 5.00 out of 5.00 (with Board Scholarship)	2010

Research Interest

- ✚ Internet of things (IoT) application in Rice Farming
- ✚ Geographical Information System (GIS) and Remote Sensing Technology
- ✚ Precision Agriculture
- ✚ Automation and Robotics
- ✚ Blockchain Technology
- ✚ Big Data and Analytics

Work and /or Research Experience

- ✚ Working as a Scientific Officer in Farm Management Division, Bangladesh Rice Research Institute (BRRI), Bangladesh.
- ✚ Worked as a Research Associate in the RMC Funded project of Bangabandhu Sheikh Mujibur Rahman Agricultural University related to Rice Breeding from July 2018 to December 2020.
- ✚ Participated in Training “Leveraging Information & Communication Technology for Growth, Employment & Governance” for 3 month

Language Proficiency

- ✚ Have better reading, listening, writing and speaking skills in English
- ✚ The medium of instruction was English in both B.Sc.Ag (Hons.) and MSc level

Computer Literacy

- ✚ Skilled on hardware fundamentals, Microsoft word, Microsoft excel, data management and data analysis using computer based software and Microsoft power point.

Awards/ Fellowship

- ✚ Fellow of NST (National Science and Technology) Program.

Membership

Association Name	Nature of Membership	Year of Registration
Krishibid Institution of Bangladesh	General Member	2018
PBGSB	General Member	2018

Publications

✚ No. of full paper as the Co- Author- 02

Hossain, M. S., Ivy, N. A., Maniruzzaman, S., Raihan, M. S., Ruma, A. S., Akter, A., ... & Kabir, K. F. (2023). Genetic Variability of Floral and Agronomic Characteristics that Influence Outcrossing Rate Percentage of Cytoplasmic Male Sterile Rice. *Asian Journal of Advances in Agricultural Research*, 22(1), 46-57.

M S Hossain, A Akter, A S Ruma, M R Hasan, M S Hossain, M S Raihan, N A Ivy & S Maniruzzaman. (2022). Assessment of Genetic Diversity, Correlation and Principal Component Analysis of Restorer Lines of Hybrid Rice. *Internation Journal Of Advance Research And Innovative Ideas In Education*, 8(6), 1359-1374.

Name and Address of Referees

Name And Address of Referees 1

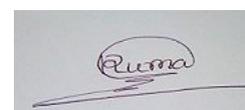
Md. Sirajul Islam

Chief Scientific Officer and Head, Farm
Management Division, Bangladesh Rice
Research Institute Gazipur-1701, Bangladesh.
Cell phone: +8801731217675
E-mail: : sirajfmdbrri@gmail.com

Name And Address of Referees 2

Dr. Nasrin Akter Ivy
Professor, Department of Genetics & Plant Breeding
Bangabandhu Sheikh Mujibur Rahman Agricultural
University, Gazipur-1706, Bangladesh.
Cell phone: +8801552328109
E-mail: ivy.bsmrau@yahoo.com

I solemnly affirm that the above information is true to the best of my knowledge and belief.



Afia Sultana Ruma

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Signature of the applicant