

## CURRICULUM VITAE

### PERSONAL INFORMATION



**Name** Md. Sentu Rahman  
**Affiliation** Scientific Officer  
Biotechnology Division  
Bangladesh Rice Research Institute (BRRI)  
Gazipur-1701, Bangladesh

**Mobile** +8801781-549849  
**E-mail** [senturahman18@gmail.com](mailto:senturahman18@gmail.com)  
**Gender** Male  
**Birth** 24/08/1993  
**Nationality** Bangladeshi

### WORK EXPERIENCE

**05 December, 2021-Till to date** **Scientific Officer**, Biotechnology Division, Bangladesh Rice Research Institute, Gazipur, Bangladesh

**Key Responsibilities:**  
**principle investigator**

1. Development of BB resistance BRRI dhan87 using Marker Assisted Selection
2. Transcriptome Profiling in Response to Drought Stress in Indica Rice

**Working as a co-investigator:**

1. Development of high yielding Aman and Boro rice
2. Aromatic and Black Rice Research

### Publications:

1. **Md. Sentu Rahman**, Jannatul Ferdaous, Sadia Jafrin, Md Enamul Hoque, Md Arafat Hossain, Shahanaz sultana.2023. Optimizing Hormonal Effects and Incubation Periods on *In Vitro* Regeneration in High-Yielding Indica Rice. *Bangladesh Rice Journal.*, 27(2), 14-21
2. Md. Mamunur Rashid, Setara Begum, Mohammad Rezaul Manir, Md. Sirajul Islam, AKM Shalahuddin, Md. Hasibur Rahaman Hera, Md. Mamunur Rahman, **Md. Sentu Rahman** & Amina Khatun.2025. Response of grain yield and soil health to the individual application of organic fertilizers and chemical fertilizers in the rice-rice

### **ACADEMIC QUALIFICATION (list in order of last assignment first)**

<b>2018-2021</b>	Master of Science in Agronomy with <b>CGPA 3.602</b> (out of 4.00) Bangladesh Agricultural University The Thesis Title: <b>Bioherbicidal Effect of Barley and Belladonna Residues for Weed Management in Transplanted Aman Rice</b>
<b>2013-14</b>	Bachelor of Science in Agriculture with <b>CGPA 3.504</b> (Out of 4.00) (Medium was English), Bangladesh Agricultural University
<b>2010-2012</b>	Higher Secondary School Certificate in Science with <b>GPA 5.00</b> (out of 5.00) New govt. degree college, Rajshahi
<b>2008-09</b>	Secondary School Certificate in Science with <b>GPA 5.00</b> (out of 5.00), Karimpur high school, Lalpur, Natore

### **OTHER SKILLS**

<b>Statistical Analysis</b>	Efficient in analyzing and managing research trial data using MS Excel, STAR, R Studio
<b>Molecular and Tissue Culture Techniques</b>	DNA Extraction, PCR, Gel Electrophoresis, Marker Assisted Selection Breeding, Tissue culture
<b>Computer Skills</b>	Proficient in MS Word, MS Excel, PowerPoint
<b>Language</b>	English and Bengali

### **PROFESSIONAL TRAININGS (list in order of last assignment first)**

<b>Organization</b>	<b>Year</b>	<b>Date</b>	<b>Days</b>	<b>Name of the Program</b>
Bangladesh Rice Research Institute	2024	13-18 Jan	6	Research data management using spread sheet
Bangladesh Rice Research Institute	2023	7-11 May	5	Hybrid Rice Cultivation and Seed Production Technology
Bangladesh Agricultural Research Council	2023	6-16 Apr	10	Advance Biotechnology

Bangladesh Agricultural Research Council	2023	18-22 Mar	5	Excel Based Data Analysis for Early Career Scientist
National Agriculture Training Academy	2023	26Feb-7Mar	10	English Language and Skills Development
National Agriculture Training Academy	2023	15-19 Jan	5	Crop Improvement Through Plant Biotechnology
Bangladesh Rice Research Institute	2022	27Jan-27Mar	60	Modern Rice Production Technologies

### **INVOLVEMENT IN PROFESSIONAL ASSOCIATION**

<b>Member Category</b>	<b>Organization/Society/Association</b>
General Member	Bangladesh Rice Research Institute Scientist Association
General Member	Krishibid (Agriculturist) Institution of Bangladesh

### **REFERENCES**

<b>Dr. Shahanaz Sultana</b> Chief Scientific Officer (CC) & Head Biotechnology Division Bangladesh Rice Research Institute Gazipur-1701, Bangladesh. E-mail: shahanaz107@yahoo.com Cell No: +8801748218332	<b>Dr. Md. Romij Uddin</b> Professor Department of Agronomy Faculty of Agriculture Bangladesh Agricultural University Email: romijagron@bau.edu.bd Cell No: +8801780370135
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### **Declaration**

I hereby declare that all information stated in this Curriculum Vitae is true and complete.

*Sentu Rahman*

Md. Sentu Rahman  
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Biotechnology Division  
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