

## **CURRICULUM VITAE**

### **Salma Akter**

Senior Scientific Officer  
Plant Physiology Division  
Bangladesh Rice Research Institute  
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#### **1.0. PERSONAL PROFILE**

- 1.1. Name : Salma Akter  
1.2. Father's name : Md.Abdus Satter  
1.3. Mother's name : Sahida Khatun  
1.4. Permanent address : Vill.-Kandania, P.O. -Kandania, Thana-  
Fulbaria, District- Mymensingh, Bangladesh  
1.5. Date of birth : 06 June, 1988  
1.6. Place of birth : Mymensingh, Bangladesh  
1.7. Marital status : Married  
1.8. Sex : Female  
1.9. Nationality : Bangladeshi by birth  
1.10. Basic degree : B. Sc. Agriculture (4 yrs degree)  
1.11. Field of specialization : Rice Physiology  
1.12. Date of joining : 03 June, 2012 in BRRI  
1.13. National ID no. : 5060110086  
1.14. Blood Group : O<sup>+</sup> (positive)  
1.15. Physique : Hight 5'; Weight 58Kg  
1.16. Mailing address : Senior Scientific Officer  
Plant Physiology Division  
Bangladesh Rice Research Institute  
Gazipur 1701, Bangladesh

#### **2.0. ACADEMIC QUALIFICATION**

<b>Name of Institution</b>	<b>Principal Subject</b>	<b>Degree</b>	<b>Passing Year</b>	<b>Result</b>	<b>GPA/C GPA</b>	<b>Distinction</b>
B. A. R. I. High School	Science		2003	A	4.75	5
Gazipur Govt. Mohila College	Science		2005	A	4.20	5
Bangabandhu Sheikh Mujibur Rahman Agricultural University	Agriculture	B. Sc. Ag. (Hons)	2009	A ( 6 <sup>th</sup> )	3.80	4
Bangabandhu Sheikh Mujibur Rahman Agricultural	Genetics and Plant	M.S.	2012	A	3.79	4

University	Breeding				
Bangladesh Agricultural University	Crop Botany	PhD	On going		

CGPA = Cumulative Grade Point Average

### 3.0. TRAINING RECEIVED

Name of program	Institution	Year	Period
Implication of Molecular Tools in Crop Improvement under stress Environment	Bangladesh Rice Research Institute, Gazipur-1701	2013	5 days
Genetic Data Analysis Software	Bangladesh Rice Research Institute, Gazipur-1701	2013	6 days
Rice Breeder Seed Production and Preservation Training Course	Bangladesh Rice Research Institute, Gazipur-1701	2013	3 days
Two Month Rice Production Training Course	Bangladesh Rice Research Institute, Gazipur-1701	2014	2 month
Research Methodology	Graduate Training Institute, Bangladesh Agricultural University	2014	13 days
Use of Fertilizer Recommendation Guide-2012	Bangladesh Agricultural Research Council, Dhaka	2015	3 days
Training Course on “R-programming for experimental design and data analysis”	Bangladesh Rice Research Institute, Gazipur-1701	2017	5 days
Rice Physiological Development through Trait Discovery	Bangladesh Rice Research Institute, Gazipur-1701	2018	6 days

### 4.0 EXTRA CURRICULUM ACTIVITIES AND MEMBERSHIP

- Member of Krishibid Institution,
- Member of Plant Breeding and Genetics Society of Bangladesh.
- Member of Agronomy Society.
- Member of BRRISA

### 5.0. EMPLOYMENT RECORD

- Service Period: From June 2012 to 2019 and 2019 to till date.
- Employer: Bangladesh Rice Research Institute
- Position: Scientific Officer (S.O.) and Senior Scientific Officer (S.S.O.), respectively.
- Research Experience :  
 Planning, execution and supervision of the research and reporting the result of stress (Salinity, drought, submergence) related rice cultivation

#### ▪ Research Interest

Stress physiology and breeding especially salinity stress related works in rice.

## 6.0. ACHIEVEMENTS

- Characterization and evaluation of tolerance level of salt tolerant breeding lines BR7100-R-6-6 (BRRRI dhan67), IR78761-B-SATB1-28-3-24 (BRRRI dhan73) and IR77092-B-2R-B-10 (BRRRI dhan78).

## 7.0. OTHER RELEVANT ACTIVITIES/INFORMATION

- Computer skills on MSword, MSEXcel, PowerPoint, (statistical software eg. Crop STAT-C, SPSS etc.
- Ability on English speaking, listening, reading and writing.

## 8.0. LIST OF PUBLICATIONS

### Journal Paper

1. **S. Akter**, M. G. Rasul, A. K. M. Aminul Islam, and M. M. Hossain. Genetic Variability, Correlation and Path coefficient Analysis of Yield and Quality Traits in Pumpkin (*Cucurbita moschata* Duch ex Poir.). Bangladesh J. Pl.Breed. Genet., 26(1): 25-33, 2013.
2. **S Akter**, R Yasmeen, H U Ahmed, M R A Sarkar and M S Rahman. Salinity Tolerance of Some Elite Rice Breeding Lines at Reproductive Stage. 2014. Bangladesh Rice J. 18(1 & 2): 35-40.
3. Anowara Akter, M Jamil Hasan, Umma Kulsum, M H Rahman, A K Paul, L F Lipi and **Salma Akter**. 2015. Genotype x Environmental Interaction and Yield Stability Analysis in Hybrid Rice (*Oryza sativa* L.) By AMMI Biplot. Bangladesh Rice J. 19(2): 83-90.
4. **S. Akter**, R. Yasmeen, T. Halder, A. Biswas, M. M. Rahman and L. Ferdousi. 2016. Performance Study of Some T. Aman Varieties under Normal Transplanting and Double Transplanting System. SAARC J. Agri., 14(1): 37-45.
5. R Yasmeen MM Rashid S Pervin A Biswas T Halder and **S Akter**. 2016. Evaluation of Boro Rice Varieties under Conventional and Double Transplanting Methods. Eco-friendly Agril. J. 9(06): 35-41.
6. **S Akter**, S Pervin, KM Iftekharuddaula, A Akter, R Yasmeen. 2016. Characterization and Evaluation of Aerobic Rice Genotypes under Transplanted Condition. Bangladesh Rice j. 20(1): 45-50.
7. L.F. Lipi, M.J. Hasan, A. Akter, M.R. Quddus, P. L. Biswas, A. Ansari1 and **S. Akter**. 2020. Genetic Variation, Heritability and Genetic Advance in Some Promising Rice Hybrids. SAARC J. Agric., 18(2): 39-49.
8. M. A. ISLAM, **S. AKTER**, M. J. ALAM, M. A. SARKAR, M. A. LATIF & M. ALI. 2019. Management of Whitefly Infesting Tomato by Intercropping. Bangladesh j. entomol. 29(2), 59-73. ISSN 1021-1004.

9. M. A. ISLAM, **S. AKTER**, M. J. ALAM AND M. A. SARKAR. **2019**. Development of Management Approach Against Insect Pest Complex of Coconut. *Bangladesh j. entomol.* 29(2), 75-80. ISSN 1021-1004.
  
10. Biswas, A., Ahmed, M.M.E., Halder, T., **Akter, S.**, Yasmeen, R. and Rahman, M.S. 2019. Photosensitive Rice (*Oryza sativa* L.) Varieties under Delayed Planting as an Option to Minimize Rice Yield Loss in Flood Affected T. Aman Season. *Bangladesh Rice Journal.* 23, 1 (Mar. 2020), 65-72.

**Poster:**

R. Yasmeen, **S. Akter**, H. U. Ahmed, M. R. A. Sarkar and M. S. Rahman. Phenotyping of Rice Breeding Lines for Salinity Tolerance. Paper presented in International Rice Congress (IRC, 2014) at Bangkok, Thailand on October 28 to November 1, 2014.

**Abstract:**

**S Akter**, A Biswas, T Halder and R Yasmeen. 2014. Comparative Physiological Study on Some BRRI Varieties under Normal Transplanting and Double Transplanting System. Rice Research Abstracts 2014. Plant Physiology Division, BRRI, Gazipur-1701, Bangladesh.

R Yasmeen and **S Akter**. 2014. Characterization of Rice Genotypes for Salt Tolerance at Seedling and Reproductive Growth Stage. Rice Research Abstracts 2014. Plant Physiology Division, BRRI, Gazipur-1701, Bangladesh.

**(Salma Akter)**  
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