

# CURRICULUM VITAE

## SADLA AFRIN SHUPTA



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Scientific Officer

Plant Physiology Division

Bangladesh Rice Research Institute, Gazipur 1701

### Academic Carrier

#### Master of Science (MS)

Department : Plant Pathology

University : Bangladesh Agricultural University, Mymensingh

Obtained CGPA : 4.00 Scale of 4.00

Passing year : 2018

#### Bachelor of Science (BS)

Department : Agriculture

University : Bangladesh Agricultural University, Mymensingh

Obtained CGPA : 3.827 Scale of 4.00

Passing year : 2016 (Exm.) held in 2017

#### Higher Secondary Certificate (HSC)

Group : Science

College Name : Shahid Syed Nazrul Islam College, Mymensingh.

Obtained CGPA : 5.00 Scale of 5.00

Passing year : 2012

## Secondary School Certificate (SSC)

**Group** : Science  
**School Name** : Valuka Govt. Girls' High School, Bhaluka, Mymensingh  
**Obtained CGPA** : 5.00 Scale of 5.00  
**Passing year** : 2010

## Professional Work Experiences

05.12.2021 to now, Scientific Officer, Plant Physiology Division Bangladesh Rice Research Institute, Gazipur 1701, Bangladesh.

## Research Experiences

- Routing screening of rice photosensitivity under control and natural condition.
- Characterization of morphological, anatomical and screening of lodging tolerance for BRRI varieties and advanced breeding materials.

## Technical skill

### Lab Experiences

- Bacteria culture
- Bacterial inoculation
- VAM trap culture
- Histochemical analysis of root
- Nitrogen analysis by Kjeldhal method
- Lignin chemical analysis

## Biometrical analysis software

MS office, MS Excel, STAR, Statistix 10

## Master's Dissertation project

**Research Title** "SUPPRESSION OF RALSTONIA SOLANACEARUM CAUSING BACTERIAL WILT OF BRINJAL BY ARBUSCULAR MYCORRHIZAL FUNGI" under the supervision of Dr. Md. Atiqur Rahman Khokon, Professor, Department of Plant Pathology, BAU.

## Scientific publications'

- Shupta, S.A. and Pervin, M.S., Characterization for Lodging Tolerance of BRRI Developed Varieties and Advanced Breeding lines in Boro Season. Plants for Food Security Under Changing Climate of BSPST 23-24, February, 2024, BRRI, Gazipur.

- Ahmed, T., M.R. Mia, S. A Shila, M.S.Tanvir, S.M. Sumi, S.A. Shupta, D. Hossain., Molecular Characterization of Induced Systemic Resistance of *Trichoderma asperellum* Against Bacterial Wilt of Potato. World Journal of Biology and Biotechnology, 9 (1) 29-34.
- Shupta, S.A., Halder, T. and Pervin, M.S., Determination of Flowering Response of Rice (*Oryza sativa* L. Genotypes to photoperiods. International conference on biodiversity, food security, sustainability, climate change, ICBFSCC, 25-28, April 2023, AAU, Assam, India.
- Shupta, S.A., Chakraborty. S., Akhtar, S. and Khokon, M.A.R., 2022, Improvement of Bacterial wilt Tolerance in Eggplants by Endotrophic Mycorrhiza (*Glomus mosseae* Journal of Bangladesh Agricultural University, 20(1) 49-56.
- S. Akhtar, A. Sultana, S.A. Shupta., S. Chakraborty, S. and Khokhon, M.A.R. 2020. Evaluation of Foliar Spraying of *Bacillus subtilis* and *Achromobacter xylosoxidans* for Management of Bacterial Leaf Blight BLB of Rice Under Field Condition. Bangladesh Journal of Plant Pathology, 36 (1&2) 39-48.

### Workshop/Seminar/Conference

Workshop/ Seminar/ Conference Title	Duration	Venue	Funding Source
3 <sup>rd</sup> International conference of Bangladesh society of plant science and technology 2024	2 days (23 – 24 February, 2024)	BRRI, Gazipur	BSPST
Seminar on Management of bacterial wilt of brinjal by arbuscular mycorrhizal fungi 2022	One day (26 October, 2023)	BRRI, Gazipur	---
International conference on biodiversity, food security, sustainability, climate change, ICBFSCC 2023	4 days (25 – 28 April, 2023)	AAU, Assam, India	Assam Agricultural University

### Language proficiency

- ✓ Language Name : English & Bengali
- ✓ Spoken : Fluent in speaking
- ✓ Written : Excellent in writing
- ✓ Pronunciation : Standard

## Scholarship, Award and Experiences

### Scholarship

- ✓ General grade scholarship on junior scholarship examination, 2008.
- ✓ National Science and technology fellowship from Bangladesh ministry of science and technology, 2019.

### Awards

- Received **award for best poster presentation** in 3<sup>rd</sup> international conference of Bangladesh society of plant science and technology 2024.
- Received **Gold medal for academic excellence** in MS from Bangladesh Agricultural University, Mymensingh.

### Experiences

- Seven days Extension Field Trip experience: It was conducted at Sreebardi, Sherpur during 28 August to 02 September, 2016.
- Communicative English language course attended at Department of Language in Bangladesh Agricultural University, Mymensingh-2202
- Debater: Bangladesh Agricultural University debating society

### Membership

- General member of Krishibid Institute Bangladesh, KIB
- Life member of Bangladesh society of plant science and technology, BSPST
- General member of BRRI Scientist association, BRRISA

### Trainings

Course Title	Institution	Location	Period	Grade
Bioinformatics for future rice	BRRI, Training Division	Gazipur	20 April-3 May, 2024	Satisfactory
Fundamentals of plant biotechnology	NATA	Gazipur	10-14 March, 2024	Satisfactory
Research data management using spread sheet	BRRI, Training Division	Gazipur	13-18 January, 2024	Satisfactory
Hybrid rice cultivation and seed production technologies	BRRI Training Division	Gazipur	26-30 June, 2022	Satisfactory

Modern rice production technology training, MRPT	BRRI, Training Division	Gazipur	27 January – 27 March, 2022	Satisfactory
Basics of MS Office attended at GTI	Bangladesh Agricultural University	Mymensingh	8 October- 19 October, 2017	Satisfactory

### General Information's

Father's Name : Md. Saidur Rahman Khan  
 Mother's Name : Mst. Nazmun Nahar  
 Husband's Name : Mahin Ahmed  
 Place of birth : Mymensingh (Bangladesh)  
 Date of birth : 08 September 1995  
 Sex : Female  
 Marital status : Married  
 Religion : Islam (Sunni)  
 Nationality : Bangladeshi (by birth)  
 Blood group : O+ (ve)  
 Date of entry into service : 05 December 2021  
 Date of Joining at present position: 05 December 2021  
 Present Address : BRRI Residential Area, BRRI, Gazipur-1702  
 Permanent address : House: 315/2-A, Road: Public Hall Road, Bhaluka,  
 Mymensingh-2240  
 Mailing Address : Scientific Officer, Plant Physiology Division, Bangladesh Rice  
 Research Institute, Gazipur-1701

**Dated:** 07-05-2024



Signature