

## Curriculum Vitae of

### Mst. Hasna Hena

Scientific Officer

Entomology Division

BRRI, Gazipur-1701

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Mobile: +8801814913635



#### Personal information:

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Full name	: Mst. Hasna Hena
Fathers name	: Md. Hafizar Rahman
Mothers name	: Mst. Rahena Begumf
Permanent address	: Village: Sotitola, PO: Chandpara, Upazila: Gobindaganj, District: Gaibandha
Date of birth	: 15.06.1998
Nationality	: Bangladeshi
Religion	: Muslim
Marietal Status	: Unmarried
National ID no	: 4205066469
Blood group	: AB+

#### Education:

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##### ▪ Master of Science (MS) in Genetics and Plant Breeding

- Awarded on: 2022. Exam held: March, 2023. CGPA: 3.97
- Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200, Bangladesh

##### ▪ Bachelor of Science in Agriculture [B. Sc. Ag. (Hon's)]

- Awarded on: 2019. Exam held: March, 2021. CGPA: 3.79
- Faculty of Agricultural Science, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200, Bangladesh.

##### ▪ Higher Secondary School Certificate (H.S.C)

- Passing year: 2015. GPA: 4.75
- Field of study: Science
- Name of College: Gobindaganj Women's College

##### ▪ Secondary School Certificate (S.S.C)

- Passing year: 2013. GPA: 5.00
- Field of study: Science
- Name of College: Gobindaganj B. M. Girls High School

#### Research experience:

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##### Thesis:

- MS thesis: Morphological and Molecular Characterizations of Inbred Lines and Hybrids of Maize (*Zea mays* L.) in Relation to Fall Armyworm (*Spodoptera frugiperda*) Infestations. (2023). Supervisor: Professor Dr. Bhabendra Kumar Biswas, Hajee Mohammad Danesh Science and Technology University, Dinajpur-5200, Bangladesh.

### **Skills:**

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- Molecular techniques such as genetics materials (DNA/RNA) isolation and purification, PCR, gel electrophoresis
- Statistical analysis using R, DARwin, Structure, Metaboanalyst, ntsys, powerMarker, Mega, OPstat, GeneAlex etc.

### **Attendance in Conference, Seminar, Symposium, Workshops and Training:**

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- 18-19 February, 2023 : Attended on 2<sup>nd</sup> International and 12<sup>th</sup> Biennial Conference of Plant Breeding and Genetics Society of Bangladesh held at SAU Campus, Dhaka
- 27-28 March, 2022 : Training on “Thesis writing and Statistical Analysis”, HSTU, Dinajpur, Bangladesh
- 26 - 28 August, 2017 : Attended training on “Introduction to R-studio” offered by Department of Statistics, Hajee Mohammad Danesh Science & Technology University, Dinajpur-5200, Bangladesh

### **Professional membership:**

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- Member, **Plant Breeding and Genetics Society of Bangladesh**

### **Publication:**

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#### ***Book chapter***

- M. T. S. Turin, A. Sarker, **M. H. Hena**, Z. Mushrat, D. Roy, M. S. Masuda, A. A. Keya, T. Islam and M. Arifuzzaman. 2023. Mitigation of abiotic stress tolerance in wheat through conventional breeding. In *Abiotic Stresses in Wheat 2023* Jan (pp. 15-32). Academic Press. See discussions, stats, and author profiles for this publication at: <https://www.researchgate.net/publication/368377897>

### **Awards/Prizes/Scholarship:**

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- 2021 : National Science and Technology Fellowship of the Science and Technology Ministry, Bangladesh for carry out MS study

### **Teaching Assistantship (TA):**

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I have played the role of teaching assistant for the laboratory demonstration, and Viva session of UG students during my MS program.

### **Extra-curriculum Activities:**

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- Champion of Carom at Intra-hall competition
- Volunteer experiences

### **Employment:**

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Scientific Officer, Entomology Division, Bangladesh Rice Research Institute, Gazipur-1701, from 30 June, 2024.