

Curriculum Vitae of Hosna Ara Chowdhury Nisha

Personal information

Present address : Hosna Ara Chowdhury Nisha
Assistant Professor,
Department of Plant Pathology, Faculty of Agriculture,
Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh

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Permanent Address : Village: Falgunkara, Post office: Chauddagram,
Upazila: Chauddagram, District: Cumilla, Bangladesh

Date of Birth : 29-12-1989

Nationality : Bangladeshi

Gender : Female

Religion : Islam

Marital Status : Married

Academic Records

2011-2013, Master of Science (MS) in Plant Pathology at Sher-e-Bangla Agricultural
Post Graduation University, Dhaka, Bangladesh.
(Exam. Held in **2015**) **Result:** CGPA 3.98 in a scale of 4 (80% and above) (Exam held in 2015)
Merit Position: Second
Thesis title: Cultural, Morphological and Molecular Characterization of
Stemphylium vesicarium Causing White Blotch of Onion.
Supervisor: Dr. Md. Rafiqul Islam, Professor, Dept. of Plant Pathology, Sher-
e-Bangla Agricultural University, Dhaka, Bangladesh.

2007-2010, Bachelor of Science in Agriculture (B.Sc.Ag.) from Faculty of Agriculture,
Undergraduate Sher-e-Bangla Agricultural University, Dhaka, Bangladesh.
(Exam held in **2012**) **Result:** CGPA 3.93 in a scale of 4.
Merit position: 2nd among 156 regular students

2004-2006: Higher School Certificate (HSC) from BCIC College, Board of Intermediate
and Secondary Education, Dhaka, Bangladesh.
Result: GPA 5.00 in a scale of 5.00.

2002-2004: Secondary School Certificate (SSC) from BCIC College, Board of
Intermediate and Secondary Education, Dhaka, Bangladesh.
Result: GPA 5.00 in a scale of 5.00.

List of publications

1. **Hosna Ara Chowdhury**, Nurul Islam, Belal Hossain, Moudood Ahmed, Sayed Mohsin and Rafiqul Islam (2015). **A Comparative Analysis of Culture Media for Optimizing the Mycelial Growth and Sporulation of *Stemphylium vesicarium* Cause of White Blotch of Onion.** *Journal of Agricultural Science and Technology A*, **5(6)**: 440-448.
2. D.D. Sarkar, M.S.M. Chowdhury, N. Akhtar, M.Z.R. Bhuiyan and **H.A.C. Nisha** (2015). **Health Status of Okra (*Abelmoschus esculentus*) Seeds Collected from Different Locations of Bangladesh.** *World Journal of Agricultural Sciences*, 11(6): 371-379.
3. Sayed Mohammad Mohsin, Md. Rafiqul Islam, Abu Noman Faruq Ahmmmed, **Hosna Ara Chowdhury Nisha** and Mirza Hasanuzzaman (2016). **Cultural, Morphological and Pathogenic Characterization of *Alternaria porri* Causing Purple Blotch of Onion.** *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 44(1):222-227.
4. Hasan Ali, **Hosna Ara Chowdhury Nisha**, Md. Belal Hossain and Md. Rafiqul Islam (2016). **Evaluation of Combined Effect of Micronutrients (ZnSO₄ + Borax) and Fungicides to Control the Purple Blotch Complex of Onion (*Allium cepa*).** *American Journal of Plant Sciences*, **7**:715-723.
5. Md. Belal Hossain, Sania Akter Rozy and **Hosna Ara Chowdhury Nisha** (2016). **Screening of Hybrid and Inbreed Rice Varieties against Tungro Disease Inoculated with Viruliferous Green Leaf Hopper (*Nephotettix virescens*).** *STC Agriculture and Natural Resources*, **2(2)**:1-8.
6. Jesmin Nahar Joly, **Hosna Ara Chowdhury**, Abdullah Ali Imtiaz, Fatema Begum, Hasibur Rahman, and Md. Belal Hossain (2019). **Efficacy of Less Toxic Phytochemicals to Prevent the Insect Vector of Mungbean Yellow Mosaic Virus (MYMV).** *American Journal of Plant Sciences*, 10: 44-54.

Professional Experiences

Assistant Professor	4 February 2017 – Present Department of Plant Pathology, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh.
M. S. level	Course Title: Plant Nematology, Course Code: PLPA 508, Credit Hour: 03 Course Title: Post harvest Pathology, Course Code: PLPA 508, Credit Hour: 03
Undergraduate level	Course Title: Laboratory Techniques in Plant Pathology and Microbiology Course Code: PLPA-206, Credit Hour: 02 Course Title: Diagnosis and Management of Field Crop Diseases and Seed Health Test, Course Code: PLPA-354, Credit Hour: 02 Course Title: Diseases of Horticultural crops & Seed Pathology, Course Code: PLPA-458, Credit Hour: 02

Lecturer 14 October 2014 -3 February 2017
Department of Plant Pathology, Faculty of Agriculture, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh.

Undergraduate level **Course Title:** Laboratory Techniques in Plant Pathology and Microbiology **Course Code:** PLPA-206, **Credit Hour:**02
Course Title: Diagnosis and Management of Field Crop Diseases and Seed Health Test, **Course Code:** PLPA-354, **Credit Hour:**02
Course Title: Diseases of Horticultural crops & Seed Pathology, **Course Code:** PLPA-458, **Credit Hour:**02

Fellowship

- ❖ Awarded National Science and Technology (NST) Fellowship for conducting research work in 2013 funded by Ministry of Science and Technology, Government of the People's Republic of Bangladesh.

Research Experience

1. Worked as **Research Associate** in a project entitled “**A Comparative Analysis of Culture Media for Optimizing the Mycelial Growth and Sporulation of *Pyricularia oryzae* Cause Blast Disease of Rice and Controlling the disease by using Potassium Silicate**” (2017-2018) funded by Ministry of Science and Technology, Government of the People's Republic of Bangladesh [National Science and Technology (NST) scholarship] .

Training Received

1. Training on “**Mushroom Cultivation**” at National Mushroom Development and Extension Centre in Savar, Dhaka from November 13 to 15, 2012.
2. Training on “**Curriculum Development and Teaching-Learning Assessment**” organized by “CP 2502: Improvement of Teaching-Learning Quality of Undergraduate and Postgraduate Studies of Faculty of Agriculture” sub-project (under HEQEP), Higher Education Quality Enhancement Project, Sher-e-Bangla Agricultural University, Dhaka-1207, Bangladesh from December 17 to 21, 2014.
3. Training on “**Teaching, Learning and Assessment Strategies**” at Sher-e-Bangla Agricultural University, Dhaka, Bangladesh from December 06 to 07, 2017.
4. Training on “**Basic Molecular Biology and Disease Resistance**” at Bangladesh Rice Research Institute, Gazipur, Bangladesh from March 23 to 28, 2019.

Conference Attended

- Participated in the 9th Biennial conference of Bangladesh Phytopathological Society, Bangladesh held on 19 February 2016.

Professional memberships

- Member of Krishivid Institution of Bangladesh.
- Member of Bangladesh Phytopathological Society.