Eeshita Mandal

Date of birth: 30/12/1992 | **Nationality:** Bangladeshi | **Gender:** Female | **Phone number:** (+880) 1733171506 (Mobile) | **Email address:** eeshitamandal1606@gmail.com |

Address: Habiganj Agricultural University, West Vadoi, 3300, Habiganj, Bangladesh (Work)

Address: Char Khalishakhali, Babuganj Bazar, Chitalmari, 9360, Bagerhat, Bangladesh (Home)

ABOUT ME

Entomologist

EDUCATION AND TRAINING

01/03/2022 – CURRENT Gyeongsangbuk, South Korea

PHD IN APPLIED ENTOMOLOGY Andong National University

Website www.anu.ac.kr

2016 – 2017 Gazipur, Bangladesh

MS IN ENTOMOLOGY Bangabandhu Sheikh Mujibur Rahman Agricultural University

Website https://bsmrau.edu.bd/

2011 – 2015 Khulna, Bangladesh

BSC IN AGRICULTURE Khulna University

Website http://ku.ac.bd/

WORK EXPERIENCE

21/03/2024 – CURRENT Habiganj, Bangladesh

LECTURER, DEPARTMENT OF ENTOMOLOGY, FACULTY OF AGRICULTURE HABIGANJ AGRICULTURAL UNIVERSITY

- Giving lectures
- Research
-Student assessment
-Administrative duties
- Supervising

LANGUAGE SKILLS

Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Basic computer skills

Microsoft Office (Word , Excel and Power Point) | GraphPad | Sigma | Biorender

Communication

Google Maps, GPS Tracking | Social media | Zoom

Statistical software

SPSS | SAS | CLC Genomic Workbench | Python

CONFERENCES AND SEMINARS

17/10/2023 – 20/10/2023 Phoenix, Jeju, South Korea

KSPP Fall Conference 2023, Korea

DRIVING LICENCE

Driving Licence: B

HONOURS AND AWARDS

2016

NST fellowship – Ministry of Science and Technology

Research Title: Arthropod Diversity in Mustard Field and Role of Native Pollinators in Pollination

2016

Prime Minister Gold Medal- 2016 – UGC

2015

President Gold Medal – Khulna University

2023

Letter of Appreciation for excellent lecture in KSPP Fall Conference 2023, Korea – The Korean Society of Plant Pathology

Research Title: RNAseq and subsequent RNA interference reveal the insect immune responses to regulate the tomato spotted wilt virus titers in thrips vectors

PROJECTS

06/2024 – CURRENT

Southeast Bank Special CSR Fund to Habiganj Agricultural University

Project Title: Adaptation of Climate Resilient and Precision Agriculture to Develop Multi Crop Cultivation Method in Habiganj Haor Basin by Cultivating Boro Rice with French Bean as relay Crop.

PUBLICATIONS

2024

Virus-vectoring thrips regulate the excessive multiplication of tomato spotted wilt virus using their antiviral immune responses

Mandal, E. Khan, F. Kil, E.J. & Kim, Y. (2023). Virus-vectoring thrips regulate the excessive multiplication of tomato spotted wilt virus using their antiviral immune responses. Journal of General Virology.105:001984.

2020

Abundance and diversity of arthropods in mustard

Write here the description...

Mandal, E. Amin, M.R. Rahman, H. & Akanda, A.M. (2020). Abundance and diversity of arthropods in mustard. Bangladesh Journal of Ecology. 1(2):53-56.

2018

Infestation level and population dynamics of aphid on mustard

Mandal, E. Amin, M.R. Rahman, H. & Akanda, A.M. (2018). Infestation level and population dynamics of aphid on mustard. Bangladesh Journal of Agricultural Research. 43(4): 611-618.

2018

Abundance and foraging behavior of native insect pollinators and their effect on mustard (Brassica juncea L.)

Mandal, E. Amin, M.R. Rahman, H. & Akanda, A.M. (2018). Abundance and foraging behavior of native insect pollinators and their effect on mustard (Brassica juncea L.). Bangladesh Journal of Zoology. 46(2):117-123.

2024

Phospholipase A2 activity is required for immune defense of European (Apis mellifera) and Asian (Apis cerana) honeybees against American foulbrood pathogen, Paenibacillus larvae

Jin, G. Hrithik, M.T.H. Mandal, E. Kil, E-J. Jung, C. & Kim, Y. (2024). Phospholipase A2 activity is required for immune defense of European (Apis mellifera) and Asian (Apis cerana) honeybees against American foulbrood pathogen, Paenibacillus larvae. PLoS ONE. 19(2):e0290929.

2024

Enhanced baculoviral virulence by suppressing the degradation of an insect immune resolvin, epoxyoctadecamonoenoic acid, in three lepidopteran insects

Shahmohammadi, N. Esmaeily, M. Abdisa,A. Mandal, E. & Kim, Y. (2024). Enhanced baculoviral virulence by suppressing the degradation of an insect immune resolvin, epoxyoctadecamonoenoic acid, in three lepidopteran insects. Journal of Invertebrate Pathology. 204:108095.

ENGLISH PROFICIENCY SCORE

2023

IELTS Score- Band 7

I hereby consciously certify that all of above information is correct and that it accurately represents my credentials, experience, and myself. If there is any misinformation, I shall be held personally responsible for it.

Habiganj , 06/01/2025

Eeshita Mandal