

CHAITY DEY PUJA

Assistant Professor

Department of Horticulture

Faculty of Agriculture

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EDUCATIONAL QUALIFICATION

Master of Science (M.S.) in Agronomy, 2020

Department of Agronomy, Sher-e-Bangla Agricultural University, Bangladesh.

CGPA: 3.73 in the scale of 4.00

Thesis Title: Influence of Sowing Time and Seed Rate on the Growth and Yield of BARI Mung-6

Major Courses Studied: Advanced Crop Production Technology, Stress Physiology, Sustainable Agriculture and Organic Farming, Principles of Seed Technology, Crop Physiology, Post-harvest Technology, Fertilizer Management.

Bachelor of Science (Hons.) in Agriculture, 2016

Faculty of Agriculture, Sher-e-Bangla Agricultural University, Bangladesh.

CGPA: 3.85 in the scale of 4.00

Major Courses Studied: Horticulture, Agronomy, Biotechnology, Biochemistry, Agricultural Botany, Agro-forestry, Genetics and Plant Breeding, Agricultural Chemistry, Entomology, Plant Pathology, Agricultural Economics, Agricultural Extension and Soil Science.

Medium of Instruction: English.

PROFESSIONAL EXPERIENCE

- Lecturer, Department of Horticulture, Sher-e-Bangla Agricultural University, Bangladesh (27 December, 2018 to 26-01-2021).
- Assistant Professor, Department of Horticulture, Sher-e-Bangla Agricultural University, Bangladesh (26-01-2021 to till date)

RESEARCH EXPERIENCE

- Principal Investigator, "Mitigation of Salt Stress on Morphological and Biochemical Parameters of Stevia Through Foliar Application of Chitosan" 2021-22, Funded by R&D, Ministry of Science and Technology, Bangladesh.
- Principal Investigator, "Effect of Different Drying Methods and Addition of Maltodextrin on Physicochemical Properties and Quality Attributes of Mango (cv. Langra) Powder" 2022-23, Funded by R&D, Ministry of Science and Technology, Bangladesh.
- Principal Investigator, "Analysis of Antioxidant Activity and Proximate Composition of Some Minor Fruits of Bangladesh" 2023-24, Funded by R&D, Ministry of Science and Technology, Bangladesh.
- Principal Investigator, "Effect of Humic Acid and Salicylic Acid on Growth, Yield and Quality of Brinjal" 2023-24, Funded by SAURES, Sher-e-Bangla Agricultural University, Bangladesh.
- Co-Investigator, "Evaluation of the Nutritive Value and Metal Content of Prevalent Leafy Vegetables Available in Dhaka City" 2023-24, Funded by MOST, Ministry of Science and Technology, Bangladesh.

RESEARCH INTEREST

Biotechnology, Postharvest Management of Horticultural crops, Stress Physiology and Sustainable Production of Horticultural Crops.

SKILLS

- Knowledge in computer tools i.e RStudio, STATA and SPSS.
- Proficient in English at working level.

ACADEMIC ACHIEVEMENTS

- Dean's Award, 2019 for an outstanding academic achievement in the persuasion of B.Sc.Ag. (Hons.), Faculty of Agriculture, Sher-e-Bangla Agricultural University, Bangladesh.

- National Science and Technology (NST) Fellowship (2018-2019), Ministry of Science and Technology, Government of the People's Republic of Bangladesh.

PROFESSIONAL MEMBERSHIP

- Bangladesh Society for Horticultural Science (2020 to till date)
- Agronomic Society of Bangladesh (2018 to till date)
- Agriculturist Institution of Bangladesh
- Teacher's Association of Sher-e-Bangla Agricultural University (2019 to till date)

VOLUNTEER SERVICE

- Bandhushova, Prothom Alo, Sher-e-Bangla Agricultural University

LIST OF PUBLICATIONS

Published Paper

1. Akter T, Islam MN, Rahman MJ, Sultana R, **Dey Puja C**, Islam F, Sarker MR, Rahman MM. (2020). Gibberellic Acid Application and Plant Spacing Effects on Growth and Yield of Lettuce (*Lactuca sativa* L.). *Asian Plant Research Journal*, 6(2): 1-13.
2. Ruku RS, Amin A.K.M.R, Hasanuzzaman M, Akhter A, **Puja CD**. (2019). Influence of Different Combinations of Inorganic and Organic Fertilizers in Sesame. *International Journal of Bioscience*. 10(1): 21-26.
3. Zannat NE, Amin AKMR, Sultana R, Amin R, Bithy PA, **Puja CD**, Alam I. (2020). Influence of organic and inorganic fertilizers on the yield of blackgram. *International Journal of Bioscience*. 16(4): 79-89.

CONFERENCE, TRAINING AND WORKSHOP

1. Training on Career Development in Teaching and Research, 29 October 2019, Institutional Quality Assurance Cell (IQAC), Sher-e-Bangla Agricultural University, Bangladesh.
2. Training Workshop on Scientific Paper Writing and Publication, 23, July 2019, Sher-e-Bangla Agricultural University Research System (SAURES), Sher-e-Bangla Agricultural University, Bangladesh.
3. Training on Teaching Learning, Assessment and Implementation of Outcome Based Curriculum, 12-13, July 2019, Institutional Quality Assurance Cell (IQAC), Sher-e-Bangla Agricultural University, Bangladesh.
4. Training on Responsibilities of Teachers, Outcome Based Education and Different Rules and Regulations, 12-13 January 2019, Directorate of Outreach Program, Sher-e-Bangla Agricultural University, Bangladesh.
5. Workshop on Reference Management Using Mendeley, 19-20 September 2020, The Library Association of Bangladesh (LAB).
6. Training on Advanced Methodology on SPSS, STATA & R in Agricultural Statistics and Biometrical Analysis, 20 Jan-01 February 2022, Social Science Research Council, Planning Division, Ministry of Planning.
7. Data Science & Machine Learning with R, 01 Oct- 31 December 2021, Nurul Islam Jubo Unnayan Society, Registered by Govt. of the People's Republic of Bangladesh.
8. 3rd International Conference on "Global Initiative in Agricultural, Forestry and Applied Sciences For Food Security, Environmental Safety and Sustainable Development (GIAFAS-2021)", 16-17 October, India.