

Curriculum Vitae

Personal Details

Name: Banalata
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Personal statement

Assistant professor in the Horticulture Department at Sher-e-Bangla Agricultural University, Bangladesh, with three years of work experience in Bangladesh Agricultural Research Institute, seeks funds to continue higher studies. Planning to study evolutionary adaptation in plants in response to extreme environmental conditions.

EDUCATIONAL QUALIFICATION

Master of Science (M.S.) in Horticulture, 2013

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

CGPA: 3.78 on a scale of 4.00

Thesis Title: Physio-morphological response of *capsicum annum* to water stress and exogenous application of pyrabactin

Major Courses Studied: Hydroponics and organic farming, Advanced fruit production, Advanced Vegetable Production, Biotechnology in Horticulture, Postharvest Technology in Horticultural Crops, Physiology of Horticultural Crops, Growth Regulators in Horticulture, Spices and Plantation Crops, Floriculture and Landscaping.

Bachelor of Science (Hons.) in Agriculture, 2010

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

CGPA: 3.76 on a 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.

Higher Secondary Certificate (HSC) in Science (CGPA 5.00 out of 5.00 from Chittagong Board)

Secondary School Certificate (SSC) in Science (CGPA 5.00 out of 5.00 from Chittagong Board)

Work Experience

PROFESSIONAL EXPERIENCE

- Assistant Professor, Department of Horticulture, Sher-e-Bangla Agricultural University, Bangladesh (01 July 2021 to date).
- Lecturer, Department of Horticulture, Sher-e-Bangla Agricultural University, Bangladesh (01 July 2019 to 30 June 2021).
- Scientific officer, Bangladesh Agriculture Research Institute, Bangladesh (January 2017 to June 2019).
- Executive Officer, Agriculture Information Service. Dhaka, (December 2015 to December 2016).

➤ **RESEARCH EXPERIENCE**

- Conducted a research project as a **Principal Investigator** entitled “Influence Of Biochar and Ga3 on Growth, Yield, And Quality of Cabbage.” from December 2022 to March, 2023 funded by R&D, Ministry of Science and Technology, Bangladesh.
- Involved a research project as a **Principal Investigator** entitled “Integrated effect of humic acids and ga3 with chemical fertilizer on growth, yield, and quality of cabbage” from November 2023 to March 2024
- Involved a research project as a **Principal Investigator** entitled “Impact of nano zinc and GA3 with chemical fertilizer on growth, yield and quality of cabbage” from October 2023 to April, 2024

RESEARCH INTEREST

Biochemical analysis of fruits and vegetables, Organic farming, Hydroponics, Postharvest management of horticultural crops, Plant biostimulants, Plant hormones, Greenhouse cultivation, Stress physiology and sustainable production of horticultural crops, Environmental impact on horticultural crops.

SKILLS

- Knowledge of computer tools i.e. R, SPSS, STATA, STATISTICS-10, and MSTAT-C.
- Proficient in English at the working level.

ACADEMIC ACHIEVEMENTS

- National Science and Technology (NST) Fellowship (2013), Ministry of Science and Technology, Government of the People's Republic of Bangladesh.

PROFESSIONAL MEMBERSHIP

- Bangladesh Society for Horticultural Science
- Agriculturist Institution of Bangladesh
- Teacher’s Association of Sher-e-Bangla Agricultural University.

Referees

Dr. Md. Nazrul Islam

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