

Curriculum Vitae

Md. Shahriar Islam

B.Sc and MS in (Agro Process and Food Engineering)



Address: Subidpur, Meherpur Sadar, Meherpur

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Career Objective

“To secure a challenging position in the education sector where I can utilize my academic knowledge, teaching experience, leadership, and organizational skills to promote quality education, foster student development, and contribute to institutional excellence through effective management and innovative educational practices.”

Academic Qualification

Jul 2022- Feb 2024	Master of Science (MS) MS in Agro Process & Food Engineering, Jashore University of Science and Technology , Jashore 7408, Bangladesh.	CGPA: 3.72 out of 4 scales Passing year: 2022
Dec 2016- Jan 2022	Bachelor of Science (B.Sc) B.Sc in Agro Process & Food Engineering, Jashore University of Science and Technology , Jashore 7408, Bangladesh.	CGPA: 3.56 out of 4 scales Passing year: 2020
Jul 2013- April 2015	Higher Secondary School Certificate (HSC) Meherpur Paura College, Meherpur	GPA: 5.00 out of 5 scales Group-Science Passing year: 2015
Jan 2011 - Feb 2013	Secondary School Certificate (SSC) Meherpur Govt. High School, Meherpur	GPA: 4.88 out of 5 scales Group-Science Passing year: 2013

- ❖ **Core Subjects:** Unit operation in Food Engineering; Food Safety Management and Risk Assessment; Principles of Agro Process Engineering; Baking and Confectionery Technology; Food Chemistry & Nutrition; Food Microbiology; Agro Product Packaging & Machinery; Beverage and Fermentation Technology; Postharvest Technology of Agro Products; Biochemical Engineering; Meat, Fish and Poultry Processing Technology

Professional Training/workshop

Training Title	Topics Covered	Institution	Year	Duration
Quality Control and Unit Operations in the Food Industry	● Unit Operation and Application of Photometer and UV/Vis Spectrophotometer, ICP-OES & AAS ● Competency of Chemical Laboratory ● Pipe Fitting and Valves ● Personal Protective Gears and Fire Protection Arrangement ● Principle of Titrimetric & Gravimetric analysis, Spectrophotometer & Atomic Spectrophotometer (AAS)&ICP ● Determination pH, Conductivity, Turbidity, Mineral content- Ca, Mg Hardness, Na & K in water ● Determination of total sugar content use a polarimeter ● Strength of Commercial H₂SO₄	Training Institute for Chemical Industries (TICI)	2020	7 days

Research Experiences

- Effects of replacement of wheat flour with cauliflower stem flour on nutritional and sensory quality of cake
- Existence of microplastics particles in Bangladeshi bottled mineral water and fruit drinks brands

and an assessment of human exposure (National Science & Technology (NST) Fellowship 2023-24 for MS Research).

Work Experiences

Apr 2026- Present	Lecturer, Dept. of Food Engineering	North Pacific International University of Bangladesh (NPIUB), Basta, Singair, Manikganj
Sep 2024- Dec 2025	Assistant Branch Manager	Ad-din Welfare Centre, Bagatipara Branch, Natore

Field Works

- PRAN-RFL Industrial Park, Habiganj
- Bangladesh Tea Research Institute (BTRI), Sreemangal, Moulvibazar District, Sylhet
- Square Food and Beverage Ltd., Pabna
- Mobarakganj Sugar Mills Ltd., Jhenaidah
- Horticulture Center, Jashore

Extra-Curriculum Activities

- Attended on a Seminar on Food Safety and Quality Management (8th April, 2018)
- President at Meherpur Student Development Association ([MESDA](#)), JUST branch (April, 2022-June 2024).
- Joint Secretary at Kutubpur Union Student Development Association, Meherpur (Feb 2020-Present).
- Secretary at Meherpur Student Development Association ([MESDA](#)), JUST branch (October 2020-April 2022).
- Participated in Rotaract District Science Fair 2019.
- Participated as Community Festival (June 2018-Present).

Additional Information

Experimental Expertise	Proximate analysis, Total phenolic content, Microbial Analysis, Antioxidant activity, Identification of Microplastics Using FTIR Spectroscopy
Personal Skills	Analytical and problem-solving skills, Good communication skills, Team management, Creativity and Innovation
Computer Skills	Operating system: Windows (7, 8, 10); Software: Adobe Photoshop, Statistical Tool for Agricultural Research (STAR) Microsoft Office Application: MS Word, MS Excel, MS PowerPoint, MS Access (<u>Certificate in National Skill Standard Basic Course Examination, 2023</u>); C Programming
Language Skills	Excellent proficiency in reading, speaking, writing in both Bangla and English

Personal Information

Name: Md. Shahriar Islam	Present Address: Vill: Subidpur, Post Office: Uzalpur-7400, Upazila: Meherpur Sadar, District: Meherpur
Father's Name: Md. Samadul Islam	Permanent Address: Vill: Subidpur, Post Office: Uzalpur-7400, Upazila: Meherpur Sadar, District: Meherpur
Mother's Name: Mst. Suborna Mostofa	Mobile No: +8801964694268/ +8801780485545
Date of Birth: 16 th December 1998	E-mail: emonshahriarislam@gmail.com
Marital Information: Married	
Religion: Islam	
Nationality: Bangladeshi (by birth)	
National ID : 4654344029	

References

Prof. Dr. Mrityunjoy Biswas Chairman Dept. of Food Engineering Jashore University of Science and Technology Email: mrityunjoy_appt@just.edu.bd Contact No: +8801711240580	Shafi Ahmed Associate Professor Dept. of Food Engineering Jashore University of Science and Technology Email: shafi@just.edu.bd Contact No: +8801740254197
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Declaration

"I do hereby certify that all information stated above is true and complete to the best of my knowledge and belief".

Sincerely yours



(Md. Shahriar Islam)