

SOHELI SULTANA

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📍 Manipur-Kathaltola, Mirpur-2, Dhaka



Career Summary

To contribute to academic excellence by delivering engaging and research-informed lectures, fostering critical thinking and mentoring students to achieve their full potential. Engage in innovative research, secure research funding and publish high-impact scholarly work that advances knowledge in my field.

Awards

- 1. Chancellor's Award:** Recognized by Jashore University of Science and Technology in February, 2023 for maintaining first class first in faculty of Applied Science.
- 2. National Science and Technology Fellowship:** Awarded for excellence in scientific research and innovation in the field of Food Science under Government of Bangladesh in 2023–2024.

Scholastic Attachment

Name to Degree	M.Sc. in Agro Process and Food Engineering
Institution	Jashore University of Science and Technology, Jashore.
Result	GPA 3.97 (On a Scale of 4)
Passing Year	2023
Name to Degree	B.Sc. in Agro Process and Food Engineering
Institution	Jashore University of Science and Technology, Jashore.
Result	GPA 3.89 (On a Scale of 4)
Passing Year	2021
Name to Degree	Higher Secondary Certificate
Institution	Cantonment College Jashore
Result	GPA 4.83 (On a Scale of 5)
Passing Year	2017
Name to Degree	Secondary School Certificate
Institution	Chougacha Shahadat Pilot Govt. Model Secondary School, Jashore.
Result	GPA 5.00 (On a Scale of 5)
Passing Year	2015

Professional Skills

Training Name	Duration	Institute	Address
Inequality in Access to Healthcare in Selected Areas of Bangladesh	17-12-24 to 31-01-25	Project of PhD in Dhaka University	Bagharpara, Manirampur, Jashore
Quality Control and Unit Operation in Food Industry	04-06-22 to 23-06-22	Training Institute for Chemical Industries	Palash, Narsingdi, Bangladesh

Extra-curricular activities

- ❖ Finance Editor, Blood Aid Bank, Jashore (December, 2019 – May, 2024).
- ❖ Coordinator of games and spontaneous participants of Alpana, wall paintings.

Language skills

Language	Speaking	Reading	Writing	Listening
Bengali	Excellent	Excellent	Excellent	Excellent
English	Fluent	Excellent	Excellent	Excellent

Software skills

- Data Analysis with R and Python, SPSS, STAR, Origin Lab, Microsoft Office.

Thesis of M.Sc and B.Sc

1. Effect of edible coating made from chitosan, aloe vera, jackfruit seed and straw starch on shelf life of baby corn (zea mays) in zip bag on ambient and refrigerated conditions
2. Bioactive Compounds, heavy metals and microplastic in green leafy vegetables of greater Khulna: The daily risk assessment of heavy metals in general population

Publications

1. Synergistic impact of ethylene absorbers combined with N₂ gas packaging on quality maintenance of mango (*Mangifera indica* L.) during postharvest storage.
<https://doi.org/10.1016/j.foohum.2025.100569>
2. Effect of Chitosan, Aloe vera Gel and Coconut Oil Edible Coatings on Postharvest Quality and Shelf Life of Strawberry (*Fragaria × ananassa* Duch) Under Ambient Storage. <https://doi.org/10.1002/fsn3.71949>
3. Effects of Cotton Leaf Extract Bioactive compounds in the PVA (Polyvinyl Alcohol) Packaging Films on White Bread Storage Shelf life.
<https://doi.org/10.1016/j.meafao.2026.100296>

Personal details

Father's Name	Md Khokan Biswas
Mother's Name	Most Razia Sultana
Date of Birth	26 May, 2000
NID	5114800310
Home District	Jhenaidah
Sex	Female
Religion	Islam
Marital Status	Married
Nationality	Bangladeshi
Permanent Address	Bishwanathpur, Mandarbaria-7340, Maheshpur, Jhenaidah.

REFERENCES

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