



## Tonmoy Saha

Textile Engineering

### Bio

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I envision my career contributing to different effective societal changes and pioneering sustainable solutions through rigorous academic research. I aspire to lead initiatives, collaborate with industry, and contribute to fostering a secure, safe, and responsible future.

### Education

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Degree Name	Group/Major Subject	Board/Institute	Country	Passing Year
M.Sc. in Textile Engineering	Textile Engineering	Bangladesh University of Textiles	Bangladesh	2020
B.Sc. in Textile Engineering	Textile Engineering	Bangladesh University of Textiles	Bangladesh	2016

## Experience

Job Title	Organization	Location	From Date	To Date
Lecturer	City University	Bangladesh	April 01,2017	December 15,2018

## Research Activities

### Research Interest

Subject	Description	Research Interest (Goal/ Target Indicator)
Functionalization	functionalization of cellulosic non-woven using bio-based agents	
Foam Formation	Ultra-Light Foam Preparation and Characterization	

### Project/Research Supervision

Level of Study	Title	Supervisor	Co-Supervisor(s)	Name of Student(s)	Area of Research	Current Completion
Bachelors	Implementation Of Rainwater In Preparatory Processes As Well As Dyeing Of Knitted Cotton Fabric And Compare The Effects With Ground Water.	Tonmoy Saha		Alom, M.S., Badhon, F., Halder, S.R.	Sustainable Pre-treatment and Dyeing	Published in Chemical Engineering Research Bulletin

## **Publications (with Link)**

### **Journal Article**

<b>SL. No-</b>	<b>Article Name</b>	<b>Link</b>
<b>1</b>	Assessing the Effectiveness and Environmental Sustainability of Reactive Dyes for Their Structural Diversity. Textile and Leather Review, 5, 103-119	<a href="https://doi.org/10.31881/TLR.2022.02">https://doi.org/10.31881/TLR.2022.02</a>
<b>2</b>	Waste Management in Textile Industry. In Advanced Technology in Textiles	<a href="https://doi.org/10.1007/978-981-99-2142-3_10">https://doi.org/10.1007/978-981-99-2142-3_10</a>

### **Conference Proceedings**

<b>SL. No-</b>	<b>Paper Name</b>	<b>Link</b>
<b>1</b>	Implementation Of Rainwater In Preparatory Processes As Well As Dyeing Of Knitted Cotton Fabric And Compare The Effects With Ground Water	<a href="https://doi.org/10.3329/cerb.v22i1.54300">https://doi.org/10.3329/cerb.v22i1.54300</a>

## **Award**

<b>Award Type</b>	<b>Title</b>	<b>Year</b>	<b>Country</b>	<b>Description</b>
Dean's Certificate Award	Dean's Award	2023	Bangladesh	Issued by Faculty of Textile Chemical Engineering, Bangladesh University of Textiles

## Contact

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### Institute – Faculty

Name of the Department: Textile Engineering

Position: Lecturer (Study Leave)