

N. M. Azizur Rahman



Department of Yarn Engineering,
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Career Objective

My career objective is to serve as a focused, dedicated, energetic, and optimistic textile engineer who thrives on embracing challenges to drive positive organizational change. I aim to leverage my skills and passion for innovation to create mutual benefit for both myself and the company. With a keen eye for detail and my leadership abilities, cooperative nature, and teamwork skills, I seek to propel the organization forward, creating a dynamic work environment that fosters growth and success while also advancing my professional development and fulfillment.

Education

B.Sc. in Textile Engineering	2024	CGPA-3.59
(Bangladesh University of Textiles)		(Out of 4.00)
H.S.C.	2018	GPA-5.00
(Dhaka City College)		(Out of 5.00)
S.S.C.	2016	GPA-5.00
(Annada Government High School)		(Out of 5.00)
J.S.C.	2013	GPA-5.00

(Annada Government High School)

(Out of 5.00)

Training and Workshops

Effective Communication and Presentation Skills

September 27, 2024

(Textile Today)

OEKO-TEX® STANDARD 100

May 14, 2024

(Hohenstein Institute Bangladesh)

C2C Standard and Knit Dyeing & Finishing

March 7, 2024

(Textile Today)

Textile Fiber, Yarn & Fabric

March 1, 2024 - March 2, 2024

(Textile Today)

Energy Management and Dyehouse Monitoring System

February 23, 2024

(Textile Today)

Technical Compliance of Fabric

February 17, 2024

(Textile Today)

Lean Manufacturing [Online]

February 16, 2024

(Textile Today)

Research Methodology and Manual for Implementing Innovation Project

February 02, 2024

(Textile Today)

Transformation to Innovation and Goal Setting & Mastering Life

November 10, 2023

(Textile Today)

Work Experiences

01. Intern Trainee

2 Months

(Ha-Meem Spinning Mills Limited)

(January 01, 2024 – February 29, 2024)

Research Experiences

Research Assistant A Fundamental Approach of Jute Fiber Research.

June, 2024 – Present

(Asst. Prof. Farhad Mahmud Chowdhury)	(Department of Yarn Engineering, Bangladesh University of Textiles)	
Bachelor Final Year Research	A Comparative Study of the Effect of Carding Flat Speed on the Quality of the Ultimate End Product.	March, 2024 – August, 2024
(Asst. Prof. Toufiqua Siddiqua)	(Department of Yarn Engineering, Bangladesh University of Textiles)	
Research Assistant	A Fundamental Approach to Explore a New Cellulosic Natural Textile Fiber.	October, 2023 – Present
(Asst. Prof. Md. Bashar Uddin)	(Department of Yarn Engineering, Bangladesh University of Textiles)	

Industrial Project Experiences

01. Optimization of Dyeing Parameters to Minimize Crease Mark in 100% Cotton S/J Knitted Fabrics Utilizing Hydrophilic Anti-Creasing Agents, Fatty Acid Softener, Glauber Salt and Regulating Proper Temperature Gradient. **October, 2023 – October, 2024**

(Textile Today Innovation Hub & Auko Tex Group)

Presentation Experiences

01. On “Optimization of Dyeing Parameters to Minimize Crease Mark in 100% Cotton S/J Knitted Fabrics Utilizing Hydrophilic Anti-Creasing Agents, Fatty Acid Softener, Glauber Salt and Regulating Proper Temperature Gradient.” **2024**
- (Textile Today Innovation Hub)
02. On “Ha-Meem Spinning Mills Limited.” **2024**
- (Department of Yarn Engineering, Bangladesh University of Textiles)
03. On “The Effect of Flat Speed of Carding Machine on the Ring Spun Yarn Quality” **2024**
- (Department of Yarn Engineering, Bangladesh University of Textiles)
04. On “Bioinspired and green water repellent finishing of textiles using carnauba wax and layer-by-layer technique” **2022**
- (Department of Dyes and Chemicals Engineering, Bangladesh University of Textiles)
05. On “Studies of Polymerization and ring formation. XV. Artificial fibers from synthetic linear condensation super polymers by Wallace H. Carothers and Julian W. Hill. April 6, 1932” **2020**

	(Department of Yarn Engineering, Bangladesh University of Textiles)	
06.	On “Green Technology: To make a change”	2019
	(Department of Yarn Engineering, Bangladesh University of Textiles)	

Event Participation

Conference	2nd International Conference on Textile Science and Engineering (ICTSE-2024)	May 23, 2024–May 24, 2024
	(The Faculty of Textile Chemical Engineering, Bangladesh University of Textiles)	
Conference	TTH 8.0 Innovation Conference, 2024	February 01 & 03, 2024
	(Textile Today Innovation Hub)	
Conference	TTH 8.0 National Conference, 2023	October 20, 2023
	(Textile Today Innovation Hub)	
Seminar	Road To \$100BN Export	September 14, 2023
	(Textile Today)	
Exhibition	Dhaka International Yarn & Fabric Show	September 13–September 16, 2023
	(CEMS-Global)	

Honors, Awards, and Fellowships

	8 th Position in Textile Talent Hunt Season 8 (Grand Finale)	2024
	(Textile Today Innovation Hub)	
	University Stipend Scholarship	2024
	(Bangladesh University of Textiles)	
	Zonal Champion Award in Textile Talent Hunt Season 8 (First Round)	2023
	(Textile Today Innovation Hub)	
	University Stipend Scholarship	2023
	(Bangladesh University of Textiles)	
	University Stipend Scholarship	2022
	(Bangladesh University of Textiles)	
	University Stipend Scholarship	2019
	(Bangladesh University of Textiles)	
	Board-General Scholarship, Secondary School Certificate Examination	2016

(Board of Intermediate and Secondary Education, Comilla, Government of the People's Republic of Bangladesh)

National Math Olympiad District Level 1st Runner-Up Award **2015**

(Bangladesh Mathematical Olympiad - BdMO)

Board-Talent Pool Scholarship, Junior School Certificate Examination **2013**

(Board of Intermediate and Secondary Education, Comilla, Government of the People's Republic of Bangladesh)

Memberships and Volunteering Experiences

Member Volunteer for Bangladesh (VBD), Brahmanbaria **Since May, 2024**

Member Transparency International Bangladesh (TIB), Brahmanbaria **Since May, 2024**

Campus Ambassador National STEAM Olympiad **September, 2023- October, 2024**

Member Clean Recycling Initiative (CRI) **Since**

September, 2023

Member Badhan, BUTEX Unit **April, 2019- October, 2024**

Lance Corporal Bangladesh National Cadet Core (BNCC) **January, 2012- December, 2013**

Computer Skills

Mendeley **Professional**

(Reference Management Software)

RStudio **Basic**

(Programming Language for Statistical Computing and Graphics)

Minitab **Basic**

(Statistical Software Package)

VideoPad Video Editor **Intermediate**

(Video Editing Application by NCH Software)

Python **Basic**

(Programming Language)

Microsoft Office **Professional**

(MS Word, MS Excel, MS PowerPoint)

Language Skills

Bangla	Mastery
(Reading, Writing, Speaking, Listening)	
English	Advanced
(Reading, Writing, Speaking, Listening)	
Hindi	Advanced
(Speaking, Listening)	

Managerial Skills

Business Management	Keya Drugs Industries Limited (Unani Pharmaceutical)	Since April, 2022
	(Member of the Board of Directors)	
	Kajol Pata (Local Fashion House)	November, 2020- October, 2021
	(Owner, Founder, and Chief Executive Officer)	
Project Management	Bachelor Final Year Research Project	March, 2024- August, 2024
	(Responsible for a Team of 4 Members as a Leader)	
	Textile Talent Hunt Innovation Project	October, 2023- July, 2024
	(Responsible for a Team of 3 Members as a Leader)	
	Science Fair Project	February, 2015
	(Responsible for a Team of 7 Members as a Leader)	

Publications

- 01.** A. Roni, M. Nasrullah, **N. M. A. Rahman**, "*Some Causes and Countermeasures of Crease Mark in Knit Fabric Dyeing*," Textile Today, ISSN 1999-2076, reg. 8/2012, vol. 17, p. 40, April 2024. [Online].

Available: <https://www.textiletoday.com.bd/textile-today-april-2024-issue>

- 02. N. M. A. Rahman**, A. Roni, M. Nasrullah, “*Optimization of yarn, knitting & dyeing parameters to minimize crease mark in 100% cotton single jersey knitted fabrics*,” Textile Today, ISSN 1999-2076, reg. 8/2012, vol. 18, p. 44, May 2025. [Online].

Available: <https://www.textiletoday.com.bd/textile-today-may-2025-issue>

Forthcoming Publications

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| 01. | A Review Article on Stimuli-Responsive Polymers

(Department of Yarn Engineering, Bangladesh University of Textiles) | August, 2024 – Present |
| 02. | A Review Article on Integration of Graphene and Graphene Derivatives in Wearable Textile Applications

(Department of Yarn Engineering, Bangladesh University of Textiles) | July, 2024 – Present |
| 03. | A Research Article on Experimental Evaluation of Modified Jute Fiber.

(Department of Yarn Engineering, Bangladesh University of Textiles) | June, 2024 – Present |
| 04. | A Review Article on Application of Dyes and Colorants in Latent Fingerprint Development Techniques

(Department of Dyes and Chemical Engineering, Bangladesh University of Textiles) | June, 2024 – August, 2024 |
| 05. | A Research Article on A Comparative Study of the Effect of Carding Flat Speed on the Quality of the Ultimate End Product.

(Department of Yarn Engineering, Bangladesh University of Textiles) | February, 2024 – August, 2024 |
| 06. | A Research Article on Exploring a New Cellulosic Natural Textile Fiber.

(Department of Yarn Engineering, Bangladesh University of Textiles) | October, 2023 – Present |

Referees

1. Toufiqua Siddiqua

Assistant Professor, Department of Yarn Engineering, Bangladesh University of Textiles (BUTEX), Dhaka, Bangladesh.

Email: toufiqua@ye.butex.edu.bd Phone: +8801923609060

2. Md. Bashar Uddin

Assistant Professor, Department of Yarn Engineering, Bangladesh University of Textiles (BUTEX), Dhaka, Bangladesh.

Email: ynebashar@gmail.com Phone: +8801684132207

3. Farhad Mahmud Chowdhury

Assistant Professor, Department of Yarn Engineering, Bangladesh University of Textiles (BUTEX), Dhaka, Bangladesh.

Email: farhad@ye.butex.edu.bd Phone: +8801912639807