

# K M Ahsan Zaman Anik

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**Education** — **National Institute of Textile Engineering and Research – University of Dhaka** Jan 2019 – Sep 2023  
**BSc. in Textile Engineering (Specialized in Wet Processing)** CGPA 3.40/4.00

## Skills

**Graphic Design** CLO 3D, Adobe Photoshop, Adobe Illustrator V6R1  
**Office** Microsoft Word, Excel, Powerpoint **Software** Latex, Canva, Overleaf  
**Advanced Textile** ArahWeave, Color i Control, Lectra Modaris

## Research Interest

- Sustainable Dyeing Processes, Bio-Based and sustainable dye sources
- Nanotechnology in textiles, Chemical reaction engineering in textile processes
- Biochemical Processing in textiles, Textile waste management
- Waterless dyeing technologies, Innovative Apparel finishes with microfiber
- Smart textiles and functional fabrics, Microfiber Reinforcement in Composites
- Dye chemistry and interaction, Dyeing of Novel fiber and Blends, Dye fixation and fastness

## Research Experience

### Eco-friendly natural dyeing using Dillenia indica leaf to produce functional silk fabric

Natural dye that was produced from D. indica is seems very promising and might be an appropriate option for the textile dyeing industry's sustainable silk fabric dying.

DOI: 10.13140/RG.2.2.13638.86083

### Identification of the sources of fabric wastage in Garments Industry

The apparel industry will benefit greatly from minimising the specific amount of waste. Both the company's earnings and production efficiency will increase. It is possible to reduce garment waste both organically and economically.

DOI: 10.13140/RG.2.2.19659.16162

## Training and Certification

### Apparel Merchandising

4 Months

Key Learning : Consumer Insights, Vendor Relationships, Product Presentation, Sales forecasting, Supply Chain Coordination  
Institute : Skills for Employment Investment Program – SEIP, Ministry of Finance, Bangladesh

### Lean Management and TQM for Industrial Engineers

Day Long

Key Learning : TQM Principles, Elements of TQM, Lean management and 7 tools of lean, Process Excellence  
Institute : NITER via Walton Hi-Tech Industries PLC

### Evalute you Career in Apparel and Sustainable Fashion industry

Key Learning : Global Fashion and future thoughts, Future with sustainable fashion, Silhouettes  
Institute : Copenhagen Bussiness School via Coursera online learning

### All Over Printing (AOP) design and development

4 Days

Key Learning : Advanced Printing techniques, Textile pre-treatment and post-treatment processes, Digital Fabric printing  
Institute : Textile Engineer's Society (TES)

## Honors and Awards

Recipient of the CHAMPION Award, Biology Olympiad, College Section – 2016  
Recipient of the WINNER Award in the Entrance Gate Design Contest, NITER University – 2021  
Recipient of the RUNNER-UP Award in Textile Talent Hunt – 2022  
Getting awarded as a Team in NASA SPACE APPS CHALLENGE – 2020  
Talent pool Scholarship in Junior School Certificate – 2013  
Talent pool Scholarship in Primary School Certificate – 2010

## Teaching Experience

Chemistry Instructor at Phoenix Coaching Centre  
Chemistry and Biology Instructor at Neuron Coaching Centre  
Teaching Eleven Grade and A level students as a home tutor

## Work Experience

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### **MASCO Printing and Embroidery Ltd., MASCO Group**

**Nov 2023 – Present**

*Executive (Research and Development)*

Buyer: Benetton, S.Oliver, TAO, Target, K-Mart

- Managed communications with Benetton, K-Mart, Target, TAO, and S.Oliver, ensuring alignment with their requirements
- Coordinated product development from initial concept to final sample approval, meeting buyer specifications
- Oversaw order processing, ensuring timely and accurate delivery to meet buyer schedules
- Conducted market research and analysis to align products with buyer's techpack and industry trends
- Implemented quality control measures to maintain high standards and resolve production issue
- Negotiated pricing, delivery schedules, and contract terms to secure beneficial agreements with buyers
- Presented product samples and collections effectively to showcase features and benefits to buyers
- Collaborated with design, production, and RnD teams to meet buyer requirements throughout production
- Analyzed sales data and buyer feedback to identify trends and areas for product improvement
- Provided exceptional customer service, addressing buyer inquiries and concerns promptly and professionally

### **Thats It Knit Ltd. – Ha-Meem Group**

**June 2023 – October 2020**

*Assistant Merchandiser*

Buyer: Springfield

- Managed sweater orders from buyers, ensuring timely delivery and adherence to quality standards
- Coordinated with suppliers to source materials and oversee the production of sweater products
- Analyzed market trends to recommend sweater designs that align with buyer preferences
- Handled communication between buyers and production teams, resolving any issues promptly and effectively
- Maintained detailed records of sweater transactions and inventory for accurate tracking and reporting

## Internship

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### **ANWAR GROUP – Hossain Dyeing and Printing Mills Ltd. (Unit-2)**

**March 2023 – May 2020**

*Key Learning : Woven Dyeing with Pre-treatment process, All Over Printing, CPB Method, Sanforization Method, Quality Inspection, Yarn dyeing, tie-dyeing, Shibori, ombré, Batik fabric dyeing, and glue-resist fabric dyeing*

## Extra-Curricular Activities

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- Portrait Artist and Founder at "Anik ar Prantor"
- Graphic Designer at "Fiverr"
- Vice President at "NITER Language Club"
- Senior Executive at "NITER Fashion Club"
- Designer and Senior Executive at "Fashion Learning School"
- Head of Graphic Design at "Textile Engineers Society (TES)"
- Participated in a Marathon organized by the "Save the Children" foundation
- Campus Ambassador at "Textile Today"
- Volunteer at "UNICEF Bangladesh"

## References

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### **Md. Mahbub Hasan**

Associate Professor and Head, Department of Textile Engineering (NITER)

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### **Ismat Zerín**

Associate Professor and Head, Department of Fashion Design and Apparel Engineering (NITER)

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