

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 minimizing 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

Evaluate you Career in Apparel and Sustainable Fashion industry

Key Learning : Global Fashion and future thoughts, Future with sustainable fashion, Silhouettes
Institute : Copenhagen Business 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)

Introduction to Data Analytics

17 Hour

Key Learning : Understanding Data Structures, Data Cleaning and Preparation, Statistical analysis, Data Visualization
Institute : SimpliLearn online learning

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

Work Experience

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 2023

Assistant Merchandiser (Marketing and Merchandising)

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

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

March 2023 – May 2023

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

Extra-Curricular Activities

- 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

Md. Murshed Bhuyan

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Md. Mahbub Hasan

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