

Konica Rani Das

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Objective

Motivated and detail-oriented textile engineering graduate with hands-on experience in quality control and a growing passion for sustainable fashion entrepreneurship. Seeking to pursue an MS in Textiles and Apparel Entrepreneurship to develop innovative, ethical fashion solutions and launch a socially responsible apparel brand.

Education

Bachelor of Science in Textile Engineering

Textile Engineering College, Noakhali
Chittagong University
Bangladesh
August 2007-June 2013

- Key Courses: Advanced Yam/Fabric/Wet processing, Garment manufacturing, Special Yan fabrics, Wet Processing, Garment Manufacturing, Fashion Marketing, Application Of Com in Textile, Production Planning and Control, Testing and Quality Control, Textile Science, Fabric Manufacturing, Apparel Production, Textile Finishing
 - Final Year Project: "Technical Based analysis of woven fabrics that are usually produced in Bangladesh." – includes a detailed examination of fabric types, production techniques, and the associated material properties. Bangladesh is one of the world's largest textile producers, particularly in woven fabrics, which are widely used in both domestic markets and for export.
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Professional Experience

Production officer (QAD Lab)

November 11, 2015 to December 21, 2019.
Metro Knitting & Dyeing Mills Ltd.

Ramarbag, Kutubpur, Fatullah,
Narayangonj-1400, Bangladesh.

Phone: (088) 02 8833753
2014 – 2018

- Conducted quality assurance testing on fabrics using international standards (ISO, AATCC).
- Reduced defect rate by identifying material inconsistencies and optimizing inspection protocols.
- Collaborated with production teams to improve product quality and maintain buyer compliance

Assistant Teacher

Department of primary Education
Government of people's Republic of Bangladesh
16 February 2020 to till date

- **Prepare and deliver engaging lessons:** Design and implement lesson plans that align with the curriculum, keeping them engaging and age-appropriate.
 - **Create a positive learning environment:** Foster an atmosphere of respect, inclusivity, and encouragement.
 - **Encourage self-confidence:** Help students build self-esteem through positive reinforcement and by celebrating achievements, both big and small
 - **Collaborate with colleagues:** Work together with other teachers to ensure curriculum coherence and share resources or strategies.
 - **Work with staff and administration:** Collaborate with other staff, including school counselors, librarians, and administration, to create a cohesive educational experience.
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Skills

- **Textile Science:** Fiber analysis, fabric construction, quality control
- **Software:** Adobe Photoshop, Illustrator, Microsoft Office,
- **Languages:** English (Fluent), Bangla
- **Entrepreneurial Competencies:** Problem-solving, market research, project planning

Certifications & Training

- “Textile Testing and Lab Management” by Bangladesh Knitwear Manufacturers & Exporters Association-BKMEA. The Training is organized at Institute of Apparel Research and technology (iART). Duration: Two Months(Continuing) Date: April 2016 to May 2016
- “Latest Developments in Spinning, Weaving & Knitting Technology Run by BTMA(Bangladesh Textile Mills Association) Conducted by the international experts of UNIDO From NITTRAD(National Institute of Textile Research & Design) 2014
- One month Certificate Course in Adobe Illustrator & Photoshop at Graphics Arts Institute, Shyamoli, Dhaka (May- 2015).

Projects & Initiatives

Sustainable Apparel Concept Design

- Developed eco-conscious clothing designs using upcycled fabrics; created digital prototypes using Adobe Illustrator.

Extracurricular Activities

- Member, Dept of Textile Alumni Association. University of Chittagong.
 - Secretary, Textile Engineers forum, Noakhali.
 - Volunteer, Sustainable energy solutions, Dhaka.
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