

Maha Farrukh

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OBJECTIVE

To become textile researcher and educationist with emphasis on building strong industrial linkage, to help local industries with modern cutting-edge solutions.

EDUCATION

(2017-2020)	NED University of Engineering & Technology <i>Master's in Industrial Management, MEM</i>	CGPA 3.81
(2012-2015)	NED University of Engineering & Technology <i>Bachelor's in Textile Engineering</i>	CGPA 3.35
(2010-2011)	St. Lawrence Govt Girls Degree College <i>Intermediate Pre-Engineering</i>	A grade
(2009-2010)	The Mama Parsi Girls Secondary School <i>Matriculation Science Group</i>	A-1 grade

WORK EXPERIENCE

Nov 2020- present

Lecturer (contract)

NED University of Engineering & Technology

- Responsible for teaching students of textile sciences. Taught textile dyeing & textile finishing courses to third & final year students.
- Conduct small group and individual classroom activities with students based on curriculum to ensure all students are learning at full potential.

Jan 2017- Nov 2017

Quality Engineer - Quality Assurance

Gul Ahmed Textile Mills Ltd.

- To plan, execute, and oversee inspection and testing of incoming and outgoing product to confirm quality conformance to specifications and quality deliverables.
- Assist operations and local quality function in tracking, documenting, and reporting quality levels.
- Analyze and investigate product complaints or reported quality as per the customer's requirements.
- Monitor risk-management procedures and maintain and analyze problem logs to identify and report recurring issues to management and product development.
- Provide training and support to quality assurance team on systems, policies, procedures, and core processes.

- To develop new standards for production and design, with improvements as needed, and create testing protocols for implementation across all service lines.

Jan 2016- Dec 2016 Management Trainee – Stitching

Gul Ahmed Textile Mills Ltd.

- To supervise the stitching procedures and develop new procedures for improving the productivity of line.
- Monitor the efficiency of workers by time study and calculating SAM (standard allowable minute) to establish the maximum achievable target.
- Calculate capacity of workers and process capacity to determine the daily or monthly production targets.
- Design quality checkpoints, tracking systems in stitching line to detect any faults.
- Design of incentive program for workers for increased motivation and efficiency through monitoring boards on floors.

Oct 2014- Nov 2014 Textile Engineering Intern

Mustaqim Dyeing & Printing industries Pvt. Ltd

- Understand the entire wet processing unit by following through the steps in detail.
- Experienced the process involved in ETP (Effluent treatment plant).

June 2014- July 2014 Textile Engineering Intern

Artistic Apparels Pvt. Ltd

- Understand the concepts of garment manufacturing process from cutting till packaging.

ACADEMIC PROJECTS & RESEARCH EXPERIENCE

Final Year Project: “To design standard operating procedures (SOP) & to standardize garment manufacturing process and design a layout for a garment unit (Lean manufacturing)” (Artistic Apparels Pvt. Ltd)

- Designed the standard operating procedure SOP to minimize the processing faults in the system.
- Improved the garment manufacturing processes through detection and elimination of the seven wastages by implementing lean methodologies.

CERTIFIED COURSES/COMPUTER EXPERTISE

Operations management offered by The Wharton School, **University of Pennsylvania, US**. Learned the concepts of process analysis, Overall equipment effectiveness and quality tools.

HONOURS/AWARDS

- 1st position in printing exhibition held in textile department in 2015

EXTRA CURRICULAR ACTIVITIES

- Editor in chief of Textile magazine under AATCC (American association of textile chemists and colorists)
- Won silver medal in the interdepartmental sports held in NED university in year 2014 and represented textile department in badminton competition and athletics

MEMBERSHIPS

- Certificate of membership by AATCC (American association of textile chemists and colorists) society and been an active member and volunteer in AATCC events held in NED university.
- Certificate of membership by ASHRAE since 2014.