

# **Syed Zameer Ul Hassan**

## **Home Address:**

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## **Term Address:**

Koleje Harcov,  
17 Listopadu 585,  
46015 Liberec 15,  
Czech Republic.

**Date of Birth:** 20-08-1975

**Nationality:** Pakistani

## **OBJECTIVE AND SUMMARY OF QUALIFICATIONS:**

Motivational attitude with a goal of conducting result oriented quality research utilizing my extensive textile background by developing new skills while strengthening those I already possess.

## **ACADEMIC QUALIFICATIONS:**

**October 2008 – June 2010:**

**Technical University of Liberec, Czech Republic.  
M.Sc in Textile Engineering.  
(Degree with Distinction)**

### ***Modules include:***

- Fibers
- Technical Textiles
- Comfort
- Textile Composites
- Textile Testing
- Spinning
- Weaving
- Nonwovens
- Textile Chemistry
- Knitting Processes
- Experimental Data Treatment
- High Functional Textiles
- Textile Structure and Properties
- Quality Control
- Clothing

***Dissertation:*** Analysis of Fabric Defects (Strip Pines) and Evaluation of influence of air textured yarn properties variability on fabric appearance.

**June 1993 – July 1997:**

**National Textile University, Pakistan.  
B.Sc in Textile Engineering (Spinning).  
First Division (65.36%)**

### ***Modules include:***

- Fiber physics
- Applied Physics
- Textile Mechanics
- Weaving Mechanism
- Engineering Design
- Applied Mathematics
- Spinning Calculations
- Textile Raw Materials
- Engineering Materials
- Applied Thermodynamics
- Spinning Preparatory Processes
- Yarn Planning and Production
- Advance Spinning Studies
- Statistics and Quality Control
- Fabric Structure and designing

***Dissertation:*** Study of “Ne 66” Polyester Viscose Ring Spun Yarn Manufacturing at “Zainab Textile Mills”.

**1990 – 1992:** **Tameer-i-Nau Public College, Pakistan.**  
**H.S.C (Pre- Engineering).**  
First Division (72.9%)

**1986 – 1990:** **Tameer-i-Nau Public School, Pakistan.**  
**S.S.C (Science).**  
First Division (66.35%)

**SPECIAL TRAINING:**

One month course on “Auditing to ISO 9000” organized by Systems.9000 International Training.

**RELATED PROFESSIONAL EXPERIENCE:**

**Sep 2006** **Balochistan University of Information Technology,**  
**- Oct 2008.** **Engineering & Management Sciences Quetta, Pakistan.**  
**Lecturer.**

***Responsibilities:***

- Manage student achievement through assessments, monitoring, testing & individualized coaching. Create individual learning plans, monitor performance and provide motivational learning environments to assist students in achieving their educational goals. Maintain an ongoing record of each student's skill level to facilitate assignment of coursework that is challenging yet achievable.
- Create an aesthetically pleasing and relaxing classroom environment through related presentations, debates with participation of students capturing not only the subject but also the current affairs.
- Establish and monitor the new Laboratories.
- Arranging official student’s internships in the textile industry.

**Aug 2005** **Fazal Cloth Mills Ltd, Muzaffargarh, Pakistan.**  
**- Sep 2006.** **Technical Manager.**

***Responsibilities:***

- Manage and monitor the operation of manufacturing the Lycra and slub yarn.
- Prepare of short and long term plans to determine the target production.
- Manage maintenance department and apply the preventive maintenance program on all machines and equipments to minimize problems.
- Establish production scheduling and recording system that will ensure accurate recording of production figures and stoppage analysis to make timely and precise reports for company management and future planning.
- Coordinates with Quality Control Department regarding different quality parameters, special techniques, gauges, and settings on the machines for the quality assurance of the final product avoiding customer’s complaint.
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**May 2003**  
**- June 2005.**

**Fazal Textile Mills Ltd, Karachi, Pakistan.**  
**Technical Manager.**

***Responsibilities:***

- Responsible of production, quality and maintenance with maximum utilization of resources (machines, raw material and manpower)
- Keep an eye on producing the export quality hosiery and weaving yarns by using the different cottons such as Greek, Senegal and Pima.
- Establish quality control standards and procedures. Ensure strictly adherence to those standards.
- Supervision of the Research and Development Department for tracing the quality affecting points and their remedies.
- Organize the training of the staff to enhance motivation to upgrade their professionalism. Evaluate the performance of staff, recommends promotion, awards, additional training or termination.

**May 1998**  
**- Apr 2003.**

**Azam Textile Mills Ltd, Karachi, Pakistan.**  
**Spinning Manager.**

***Responsibilities:***

- Responsible in maintaining/developing the quality product, Mixing techniques, blend ratio, consistency in the raw material, monitoring production and finally the quality parameters throughout the whole process.
- Manage and monitor the quality of all finished products (cotton yarn, polyester-cotton yarn) to maintain the company's high standard and meet the market requirements.
- Manage and ensure ISO 9000 implementations.
- Implement TQM principles and tools to solve the management problems and help them to improve the company strategically.

**Sep 1997**  
**- May 1998.**

**Gulshan Textile Mills Ltd, Karachi, Pakistan.**  
**Assistant Spinning Manager.**

***Responsibilities:***

- In charge in Mixing department and Back Process (Blow Room to Simplex).
- Manage the routines of mixing, cross checking of the maintenance and production staff.
- Monitor the maintenance schedule on routine basis and record keeping of the spare parts changed.
- Supervise production processes and solving the troubles to ensure implementation of company standards.

## **PUBLICATIONS IN SCIENTIFIC JOURNALS**

- [1]. Syed Zameer Ul Hassan, Jiri. Militký. “Acetylcholinesterase Based Detection of Residual Pesticides on Cotton.” *American Journal of Analytical Chemistry* 3, no. 2 (2012): 93-98. ISSN:2156-8278
- [2]. Syed Zameer Ul Hassan, Jiri. Militký. “Analysis of Conventional And Organic Cotton Regarding Residual Pesticides.” *Vlakna a Textil* 19, no. 1 (2012): 53-59. ISSN:1335-0617
- [3]. Vijay Baheti, Jiri Militký, and S. Z. Ul Hassan, “Polylactic Acid (PLA) Composite Films Reinforced with Wet Milled Jute Nano fibers,” *Conference Papers in Materials Science*, vol. 2013, Article ID 738741, 6 pages, 2013. doi:10.1155/2013/738741
- [4]. Syed Zameer Ul Hassan, Jiri Militký, and Jan Krejci, “A Qualitative Study of Residual Pesticides on Cotton Fibers,” *Conference Papers in Materials Science*, vol. 2013, Article ID 253913, 5 pages, 2013. doi:10.1155/2013/253913
- [5]. Syed Zameer Ul Hassan, Jiri. Militký. “Investigation of warp streak problem in a woven fabric composed of 100% polyester air textured yarn.” *Vlakna a Textil* 19, no. 3 (2012): 67-74. ISSN:1335-0617

## **CONTRIBUTION IN INTERNATIONAL CONFERENCES**

- [1]. Syed Zameer Ul Hassan, Jiri. Militký. “Exploration of Residual Hazardous Compounds on Cotton Fibers.” *Proceedings of World Cotton Research Conference-5*. New Delhi: Excel India Publishers, 2011. 561-567. ISBN: 978-93-81361-51-1
- [2]. Syed Zameer Ul Hassan, Jiri. Militký. “Biosensor based Detection of Residual Pesticides on Cotton Fibers” *Proceedings of 18th International Conference STRUTEX*. Liberec: Technical University of Liberec, Czech Republic, 2011. 203-208. ISBN: 978-80-7372-786-4
- [3]. Syed Zameer Ul Hassan, Jiri. Militký. “Qualitative Detection of Residual Pesticides on Cotton.” *Proceedings of The Beltwide Cotton Conference*. Orlando: National Cotton Council of America, 2012. ISSN: 1059-2644
- [4]. Syed Zameer Ul Hassan, Jiri. Militký. “Determination of Residual Pesticides on Cotton Fibers via their Influence on the Life Cycle of Green Algae.” *Proceedings of 4th International Symposium on Pesticides and Environmental Safety & 5th Pan Pacific Conference on Pesticide Science & 8th International Workshop on Crop Protection Chemistry and Regulatory Harmonization*. Beijing: China Agricultural University, 2012. 162.

- [5]. Syed Zameer Ul Hassan, Jiri. Militký. “Impact of Ultra Sound Assisted extraction (USE) of residual pesticides on the behaviour of green algae.” *Proceedings of 19th International Conference STRUTEX*. Liberec: Technical University of Liberec, Czech Republic, 2012. 165-166. ISBN: 978-80-7372-913-4
- [6]. Syed Zameer Ul Hassan, Jiri. Militký. “Residue Analysis of Pesticides on Normal and Organic Cotton Fibers by the Interaction with Green Algae.” *Proceedings of 19th International Conference STRUTEX*. Liberec: Technical University of Liberec, Czech Republic, 2012. ISBN: 978-80-7372-913-4
- [7]. Syed Zameer Ul Hassan, Jiri. Militký. “Behavior of Pesticide Residues Extracted from Different Cotton Fibers Determined by the Interaction with Green Algae.” *Proceedings of The Beltwide Cotton Conference*. San Antonio: National Cotton Council of America, 2013. ISSN: 1059-2644
- [8]. Syed Zameer Ul Hassan, Jiri. Militký, Jan Krejci. “A QUALITATIVE STUDY OF RESIDUAL PESTICIDES ON COTTON FIBERS.” *Proceeding of 1st International Conference on Natural Fibers:Sustainable Materials For Future Applications*. Guimarães, 2013. ISBN: 978-989-20-3872-8.

## **INTERESTS:**

- Chess, playing cricket, football and snooker.
- Reading Books of psychology, history and general knowledge.
- Watching artistic movies.

## **REFERENCES:**

✚ **Prof. Ing. Sayed Ibrahim, CSc.**  
Technical University of Liberec, Czech Republic.

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✚ **Mr.Ali Asghar.**  
In Charge/Chairman,  
Department of Textile Engineering,  
Balochistan University of Information Technology, Engineering  
& Management Sciences, Pakistan.

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