

# MUHAMMAD ILYAS SARWAR



## PROFILE

Detail-oriented self-starter able to organize and execute multiple and diverse activities simultaneously. Analytic problem-solver with an ability to work in a high-stress environment. Strong organizational and follow-up skills; Able to follow directions, as well as to take decisive actions; Capable to excel in a team-oriented environment, besides work independently. Excellent interpersonal, written and verbal communication skills. Very quick learner with the aptitude to grasp an idea or subject instantaneously.

### Personal Information

---

**Gender:** Male  
**Marital Status:** Married  
**Date of Birth:** 28<sup>th</sup> Mar, 1982  
**Nationality:** Pakistani  
**Mobile No.:** +923017637320  
**E-mail Address:** [mianilyas222@yahoo.com](mailto:mianilyas222@yahoo.com)  
**Passport Number:** CC5991841  
**Permanent Address:** Ilyas Colony, Street # 07, Block B, Sadiqabad, Distt. Rahim Yar Khan, Pakistan.  
**Office Address:** Fibre Technology Section, Central Cotton Research Institute, Old Shujabad Road, Multan, Pakistan  
**Telephone No. (Office)** +92-61-9200340 (Ext. 107)      **Fax No.** +92-61-9200342

### Educational Background

---

- From 1994 to 1996, Board of Intermediate & Secondary Education, Bahawalpur, Pakistan.

English, Physics, Chemistry, Math and Biology      **82%** ( Secondary School Certificate )

- From 1996 to 1998, Board of Intermediate & Secondary Education, Bahawalpur, Pakistan.

English, Physics, Chemistry & Mathematics      **57%** ( Higher Secondary School Certificate )

- From 1999 to 2001, Islamia University Bahawalpur, Pakistan.

English, Physics, & Mathematics      **62%** (Bachelor of Science )

- From 2002 to 2005, Department of Fibre & Textile Technology

University of Agriculture, Faisalabad, Pakistan.      **71%** (M.Sc. Fibre Technology)



## Work Experience

From **May 2007 to June 2011 &**

**May, 2014 to Date**

**Head/Scientific Officer (Fibre Technology Section) at Central Cotton**

**Research Institute, Pakistan Central Cotton Committee, Ministry of Textile Industry, Pakistan.**

### **Responsibility**

- To conduct experiments for studying the effect of environment (rains, temperature, and water stress) on fibre quality and yarn properties.
- To study the effect of cotton leaf Curl virus (CLCuV) on fibre and yarn properties.
- To conduct quality surveys of ginning factories throughout Punjab.
- Testing of lint samples for Checking their fibre properties through HVI,AFIS,FMT etc
- Spinning analysis of different research material.

From **Feb. 2012 to May 2014**

**Ginning Specialist at World Wide Fund for Nature, Pakistan**



### **Responsibility**

- Assist the project team with technical expertise regarding mechanical, electrical environmental aspects of ginning operations to identify all relevant issues that may affect production & environment efficiency.
- Worked closely with ginning SMEs & the project Consultants in planning & facilitate in conducting baseline surveys/ scoping studies in the ginning SMEs
- data/information to assess ginning production processes & machinery to identify process in inefficiencies & mitigation measures
- was responsible for sensitizing & creating technical awareness regarding production practices among target SMEs
- Coordinated and managed the environmental base line modelling and monitoring program
- Provided support and guidance regarding compliance to the recommendations made by the consultants
- Periodically verified compliance task closure or spot check conformance with required process & environment efficiency standards
- Provided advice and training on procedures, best practices technically sound operations
- Establish and maintain open, pro active and responsible relationships with industry/community stakeholders and governmental agencies
- Developed scope, budget and draft terms of references as required for the deployment of specialized consultants to undertake base line assessments & monitoring as required
- Integrate into the design Environmental and resource efficiency aspects relevant to the Project to Develop Better Ginning Practices implementation plan
- Assist in designing & implementing the strategic BGPs plan which will target the PCGA members, partners, rural & industrial workers, policy and decision makers,
- Assist in developing strategic, targeted technical materials required by the SMEs for step by step implementation of better ginning practices
- Assisting in producing timely reports and technical products (books, manuals, videos, etc.) related to better ginning practices implementation
- Planning and producing training materials for specific technical workshops, meetings and other events as required.
- Assist SAP team in developing & implementing cotton Waste Management plan

- Keep a close liaison with the communities/industry through meetings with them on a regular basis.
- Ensure equitable gender participation in project activities and development initiatives.

From **May 2006 to May 2007**

**Assistant Spinning Master at Sapphire Textile Mills, Unit # 2 SITE Kotri.**



#### **Responsibility**

- Handling the quality control & production department activities.
- Planning and working for increase yarn production (PC,PV, CVC, cotton slub, Lycra, etc.)
- Testing and yarn production of Organic cotton, Brazilian cotton, Egyptian cotton.
- Production of Yarn through special fibre i.e. Bamboo, Lyocell, Modal, Soyabean and Milk fibre.

#### **Professional Trainings**

- Participated in Cochran Fellowship Program facilitated by United States Department of Agriculture entitled "**Pakistan Cotton Grading and Standards Program**" at **USA**.
- International training on "**Seminar on Cotton Processing and Trade for Developing Countries in 2014**" which was sponsored by the Ministry of Commerce and organized by Agriculture University Hebei, Baoding, The People's Republic of China.
- National level training on "**Cotton Production Technology**" was conducted by Central Cotton Research Institute, Multan
- **Challenge Leadership cum Team Building Workshop** from Adventure Foundation Pakistan.

#### **Language Proficiency**

##### **• English**

- English Proficiency Certificate from University of Agriculture, Faisalabad, Pakistan.
- Attended the workshop entitled "**English Writing & Communication Skills**" by Centre for Management Development (CMD) Lahore, Pakistan.
- 07 years' study period in English language.
- Excellent skill of English writing, speaking & reading.
  - Also fully command on **Urdu** and local languages **Punjabi, Saraiki** as well.

#### **Publications**

##### **Booklet:**

- "**COTTON GINNING K SHUBAY MEIN MAYARI AALAT OR UN KA ISTMAL**".

##### **Research Paper:**

- "**Impact of Climatic Behavior on Cotton Fibre Traits**" in International Journal of Research Volume 3, Issue 13 September 2016.

#### **Honors**

- External Examiner and Paper setter for College of Textile Engineering, BZU, Multan in the subject of Textile Testing and Quality Control-I (TCQ-301) for B.Sc. Textile Engineering 3<sup>rd</sup> prof and Textile Testing and Quality Control-II (TCQ-404) for B.Sc. Textile Engineering 4<sup>th</sup> prof.

#### **Computer Skills**

- Study computer course for period of one Semester in M.Sc. Software Application
- Microsoft Office (Excel, Word, Power Point)
- Operating System: Win XP/Vista/07/08/8.1/10
- Adobe Photoshop, Internet Browsing & surfing