

18/03/2015.

Aamer Abbas Khan

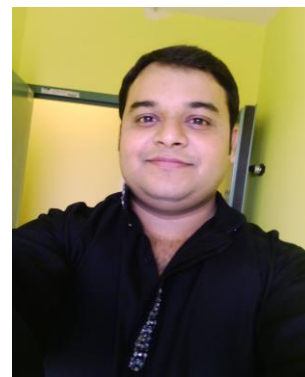
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Nationality: Pakistani

Date of birth: 10/04/1986



Objectives.

To obtain a research position that will enable me to utilize my strong educational & technical background, and ability to work well with people & contribute towards betterment of the technology.

Academics.

- PhD scholar at Politecnico di Torino, Italy since November 1, 2014 to present.
- Politecnico di Torino, Italy
MS. Textile and Chemical engineering.
Class of 2014.
106/110 (96.4%).
- National Textile University, Faisalabad, Pakistan.
B.E (Textiles).Specialization in Yarn/ Filament Spinning.
Class of 2009.
C.GPA 3.48 / 4.00 (87%).
- Board of Intermediate and secondary school education. Faisalabad, Pakistan. (Higher Secondary School Certificate).
Class of 2005.
900/1100 (82%), A+ Grade.
- The City Grammar Schools. Faisalabad, Pakistan.
Class of 2002.
715/850, (84%), A+ Grade.

Achievements.

- 1st position in the Ms Class.
- Distinction holder & Silver medal winner in Bachelors degree.

Projects / Research work.

- Pyrolysis of Bamboo fibers to obtain carbon fibers.
- Functionalization, characterization and application of plasma treated Carbon fibers.
- Carbonization of Kevlar filaments to obtain Carbon fibers.
- Synthesis of multiwall carbon nano tubes through chemical vapor deposition technique.
- Synthesis of carbon materials from cellulose based waste materials.
- Improvement of polymer properties using carbon based fillers (1 publication submitted).
- Study of the whole manufacturing process of 16 single carded yarns from Pakistan Cotton at BEST EXPORTS Pvt .Ltd.
- Study of effects of different types of spacers on the quality of the roving (selection of suitable spacer for 1-hank roving).

Areas of interest.

- Fiber reinforced composites materials.
- Polymer composites and films, synthesis and characterization.
- Carbon fibers synthesis and applications in composites.
- Advanced polymer spinning systems.
- Carbon fibers reinforced plastics (CFRP).
- Nano fibers spinning.

Work Experience.

- Employee at Nishat Mills Limited, Faisalabad, Pakistan from March 12, 2010 to October 06, 2012.
- 6-months project at BEST EXPORTS Pvt.Ltd.Faisalabad, Pakistan
- 1-Month Internship at BEST EXPORTS Pvt. Ltd as Internee. Faisalabad, Pakistan.

Technical Experience.

- Ring spinning of the Core Spun yarns, Slub yarns, Compact yarns, Carded and Combed yarns and Siro spun yarns.
- Ring spinning of Kapok fiber, Cotton & Flax fiber blends, Tencel, Modal, Viscose, Kevlar and Polyester fibers, Organic and Fair trade cotton.
- Internal auditor for GOTS & O.E standards at Nishat Mills Limited Pakistan.
- Melt spinning equipment lab scale. Uster tester 5. Tensile strength testers (yarn, fabric and polymer composites). High Volume Instrument. Uster Tenso rapid and Tenso jet. Uster Auto sorter. Ring spinning plant machines.
- Q-Test 10 mechanical tester. Ultra Turrax T18 dispersion machine, Lab scale chemical vapor deposition chamber. Elmasonic S15H sonicator. 3 rolls mill,Exakt. Field emission scanning microscope.

Trainings.

- E-learning on Kaizen management, Six Sigma, 5s techniques by National Productivity Organization Pakistan.
- Team leader and auditor on the topic of “Attacking wastages” by Asian Competitiveness Institute.
- Energy conservation.
- Better bearing maintenance by SKF.

Extracurricular Activities.

- President of Literary Society, 2009.
- Member Spinning Society 2006, 2007.
- Captain, Cricket team at College.

Languages.

- **Urdu** (Mother Tongue)
- **English** (Fluent)

Computer skills.

- MS office.
- Mini-Tab.
- Matlab12.0.
- Origin 9.0.

References.

- Will be provided on demand