

# Curriculum Vitae

## Fahad Jamshed

Profession: Chemical Engineer, polymer Engineer

Mobile: +92-333-4176638, 042-3-6622699

Email: [fhdjamshed@gmail.com](mailto:fhdjamshed@gmail.com)



## CAREER OBJECTIVE

To be involved in work where I can utilize skills and creatively involved with system. Troubleshooting of any problems regarding to research or any technicality. To seek challenging assignment and responsibility, with an opportunity for growth and career advancement as successful achievements.

## Professional Experience

**PackTech Pvt limited (packaging industry)** working in quality and control department, coordinate with production and technical department to ensure the printing quality. **(March 2014- September 2014).**

**Training at Descon OxyChem H<sub>2</sub>O<sub>2</sub> production plant**, handled various assignments and tasks. An assignment related to steam recovery, Boosting up the performance of an ion exchange resin plant to produce better quality of Demi water. **(July 2009- August 2009)**

**Training at Saba Power Company**, Performed all types of testing for water and steam analysis, laboratory tests, pH and cooling water tests, chemical dosing requirement for system. **(April 2010-August 2010)**

## ACADEMIC PROFILE

M.Phil. Polymer Science and Technology	Punjab University Lahore	3.80	2014
B.Sc. Chemical Engineering (Polymer)	(U.E.T Lahore)	2.689	2010
Intermediate FSC	(GCU Lahore)	81%	2006

## SKILLS

- Excellent Communication skills in English language and professional fluency.
- Remarkable computer skills, MS office, Matlab, Origin Pro

## M.PHIL Thesis Outline

The thesis work was projected on nanocomposites/ hybrid composites involving carbon black as nanoparticles, Glass fiber and Kevlar as fibrous materials. Various laminates of glass fiber mats were produced along with Kevlar fiber with varying sequence. Carbon black nano particles were surface modified by silane coupling agent (3-Aminopropyl-tri-ethoxysilane) to get better adhesion. Different classes of laminates were compared.

The major findings were the increment of tensile strength and impact resistance due to silane treated fibers and silane functionalized CB nano particles. Using Kevlar with CB nanoparticles greatly enhanced the impact resistance and stiffness of the laminate compared to those which didn't contain any nano particles.

## AREAS OF INTEREST

- Polymer matrix nanocomposites
- Fiber reinforced hybrid nanocomposites
- Nanocoatings for synthetic fibers
- Conductive polymers/Conductive polymer composites
- Polymer blends

## PUBLICATIONS

- Cellulose acetate/Polyethylene glycol-600 self-sterilized composite membranes modified by in-situ reduction of silver nitrate (Carbohydrate Polymer accepted and in press).

## PERSONAL DETAILS

Name	Fahad Jamshed
Father's name	Jamshed Anwar
Date of birth:	December 12, 1987
N.I.C#:	35201-5733953-3
Passport NO	AE8219531
Cell	+92-333-4176638
Religion:	Islam
Gender:	Male
Marital Status:	Single
Mail Address	House No: 74-A1 Extension, Wapda Town Lahore

## DECLARATION

I hereby declare that the above mentioned information is true to the best of my knowledge and belief.

Fahad Jamshed