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khalid_saeed7@hotmail.com***PERSONAL:**

Father's Name	Gul Mir Khan
Date of Birth	1 st March, 1977
Domicile	PESHAWAR (N.W.F.P)
Nationality	Pakistani
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EDUCATIONAL QUALIFICATION:

Qualification Obtained	Year of Passing	Major/s	Board/University
S.S.C.	1993	Chemistry, Maths, Biology, Physics,	B.I.S.E. Peshawar, Pakistan
H.S.S.C.	1996	Chemistry, Physics, Biology	Islamia College, B.I.S.E. Peshawar, Pakistan
B.Sc.	1998	Chemistry, Zoology, Geography	Islamia College University of Peshawar Peshawar, Pakistan
M.Sc.	2000	*Chemistry (Fuel Chemistry)	Department of Chemistry University of Peshawar, Pakistan
M.Phil.	2004	*Chemistry (Applied Chemistry)	Department of Chemistry University of Peshawar, Pakistan
Ph. D.	Feb. 2008	Polymer Science	Kyungpook National University , S. Korea

***Field of Specialization:** Fuel (Applied) Chemistry

RESEARCH EXPERIENCE:

1) **M. Sc. Research:**

Title: “**Phsico-Chemical Properties and U.V-Analysis of Sample from Landi Kotal**”

2) **M. Phil. Research:**

Title “**Non-Aqueous Potentiometric Identification of Superficial Coal Groups**”

The manuscript of the above mentioned research work was submitted in the form of a thesis to University of Peshawar in the partial fulfillment of the Degree of Master of Philosophy in Chemistry.

3) **Ph.D. Research:**

Title “**Preparation and Characterization of Electrospun Nanofibers Modified with Amidoxime and Carbon Nanotubes Incorporation**”

Research Interest

- 1) **Preparation and Analysis of CNTs/Polymer Nanocomposites.**
- 2) **Preparation of Electrospun Multiwalled Carbon Nanotube/Polymer composite Nanofibers**
- 3) **Electrospun Nanofibers as a separating media/filter**
- 4) **Preparation and Analysis of Polymer Blends**
- 5) **Drug delivery System (using Nano materials)**
- 6) **Adsorption of toxic materials on polymeric material**

PUBLICATIONS:

- 1). M. Ishaq, Imtiaz Ahmed, **Khalid Saeed**, M Ismail, Ali Bahader. "Spectroscopic and Chromatographic Identification of Hydrocarbon Group Types in Pakistani Crude Oils" *Journal of the Chinese Chemical Society*, 50(5), **2003**, 1023-1029.
- 2). **K. Saeed**, M. Ishaq, Soo-Young Park and I. Ahmed. "Determination of Surface Acidity of Coal by Non-Aqueous Potentiometric Titration" *Journal of Chemical Society of the Pakistan* 27(6), **2005**, 631-636.
- 3). **K. Saeed**, M. Ishaq, I. Ahmad, M. Shakirullah, S.Y. Park, H. Khan and N. Ali "Characterization and Evaluation of Thur Coal for Different Mineral Contents" *Journal of the Chemical Society of Pakistan*, 28 (3), **2006**, 207-210.
- 4). **Khalid Saeed**, Soo-Young Park, Hwa-Jeong Lee and Jong-Beom Baek, Wan-Soo Huh "Preparation of Electrospun Nanofibers of Carbon Nanotubes /Polycaprolactone Composites" *Polymer*, 47(22), **2006**, 8019-8025.
- 5). **Khalid Saeed** and Soo-Young Park "Preparation and Properties of Multiwalled Carbon Nanotube/Polycaprolactone (MWNT/PCL) Nanocomposites" *Journal of Applied Polymer Science*, 104 (3), **2007**, 1957-1963.
- 6). Sajjad Haider, Soo-Young Park, **Khalid Saeed** and B.L. Farmer "Swelling and Electroresponsive Characteristics of Gelatin Immobilized onto Multi-Walled Carbon Nanotubes" *Sensors and Actuators B-Chemical*, 124 (2), **2007**, 517-528.
- 7). **Khalid Saeed**, M. Ishaq, Imtiaz Ahmad, Mohammad Shakirullah and Soo-Young Park "Investigation of Surface Acidity of Coal by Aqueous Potentiometric Titration" *Journal of the Chemical Society of Pakistan*, 29 (2), **2007**, 111-115.
- 8). **Khalid Saeed** and Soo-Young Park "Preparation of Multiwalled Carbon Nanotube /Nylon-6 (MWNT/Nylon) Nanocomposites by In-situ Polymerization" *Journal of Applied Polymer Science*, 106 (6), **2007**, 3729-3735.

- 9). Hamayun Khan, Sajjad Haider, **Khalid Saeed**, and Nauman Ali “Assessment of Potable Water Quality of Kohat Division and its Impact on Health” *Journal of the Chemical Society of Pakistan* 30 (2), **2008**, 246-250.
- 10). **Khalid Saeed**, Soo-Young Park, Sajjad Haider and Tea Jin Oh “Preparation of Amidoxime-Modified Polyacrylonitrile (PAN-Oxime) Nanofibers and their Applications to the Metal Ions Adsorption” *Journal of Membrane Science* 322(2), **2008**, 4000-4005.
- 11). **Khalid Saeed**, Soo-Young Park, Sajjad Haider and Jong-Beom Baek “*In-situ* Polymerization of Multi-Walled Carbon Nanotube/Nylon-6 Nanocomposites and Their Electrospun Nanofibers” *Nanoscale Research Letters* 4, **2009**, 39–46.
- 12). **Khalid Saeed**, Soo-Young Park, Nauman Ali, Characterization of Polybutalene Terephthalate Electrospun Nanofibers Containing Titanium Oxide, **Iranian Polymer Journal** (Article in Press)
- 13). **Khalid Saeed**, and Soo-Young Park, “Preparation and properties of Multiwalled Carbon Nanotubes/Polyacrylonitrile Composite Nanofibers” *Journal of Applied Polymer Science* (Submitted for publication).
- 14). **Khalid Saeed**, M. Ishaq, Imtiaz Ahmad, Mohammad Shakirullah and Sajjad Haider “Acidic Surface Functional Groups and Mineral Elements in Lakra (Sindh, Pakistan) Coal” *J. Chem Soc Pak* (Submitted for publication).
- 15). **Khalid Saeed**, Soo-Young Park and Mohammad Ishaq “Adsorption of Multiwalled Carbon Nanotubes on Electrospun Polycaprolacton Nanofibers” *Chinese Journal of Polymer Science* (Submitted for publication).
- 16). **Khalid Saeed**, Soo-Young Park “Preparation and Properties of PCL-PBT Blends” (Submitted for publication).
- 17). **Khalid Saeed**, Soo-Young Park and Tea Jin Oh “Adsorption of Metal ions on Hydrazine-

Modified Polyacrylonitrile Nanofibers” (Submitted for publication).

18). Sajjad Haider, **Khalid Saeed** and Nausheen Bukhari **“Preparation and morphological study of the electrospun nanofiber of MWNT/Gelatin”** (in preparation).

Papers Presented /Various Conferences / Symposia / Workshops:

1) Sajjad Haider, Mohammad Javed, Nouman Ali and **Khalid Saeed** **“Analysis of Potable Water of District Kohat”** Presented in International Conference on Environmental Challenges. March 11th-13th, 2004 at Peshawar (Pakistan) p.17.

2) **Khalid Saeed**, Soo-Young Park and Jong-Beom Baek. **“Preparation of Multiwalled Carbon Nanotubes/Polycaprolactone Composite by In-situ Polymerization”** Presented in Annual Spring Meeting 14th–16th April 2005 at Seoul (South Korea) (pp.139).

3) **Khalid Saeed**, Soo-Young Park, and Jong-Beom Baek **“Preparation and Electrospinning of Multiwalled Carbon Nanotube/Polycaprolactone Nanocomposites”** Presented in Annual Fall Meeting 13th–14th September 2005 at Jaju (South Korea) (p. 669).

4) **Khalid Saeed**, Soo-Young Park, and Jong-Beom Baek. **“Preparation and Morphological Study of Multiwalled Carbon Nanotubes/Polycaprolactone Composite Nanocomposites”** Presented in 54th SPSJ Symposium on Macromolecules September 2005 (Japan).

5) **Khalid Saeed**, Soo-Young Park, and Jong-Beom Baek **“Preparation of Electrospun of Multiwalled Carbon Nanotube/Polycaprolactone Nanocomposite”** Presented in Annual Spring Meeting 6th – 7th March 2006 at Ilsan (South Korea) (pp.78).

6) **Khalid Saeed**, Soo-Young Park, **“In-Situ Polymerization of Multiwalled Carbon**

Nanotube/Nylon-6 Nanocomposites and their Electrospun Nanofibers” Presented in Annual Fall Meeting 10th – 11th October 2007 at Ilsan (South Korea) (pp.34).

7) Hamayun Khan, Sajjad Haider, **Khalid Saeed**, and Nauman Ali “**Assessment of Potable Water Quality of Kohat Division and its Impact on Health**” Presented in 18th National conference Chemical Society of Pakistan at Lahore, 25-27th February 2008.

8) **Khalid Saeed**, Soo-Young Park, and Mohammad Ishaq “**Preparation of Electrospun Multiwalled Carbon Nanotubes/Polyacrylonitrile Composite Nanofibers**” Workshop on Nanomaterials and Regional Meeting of Nanomaterials Forum at Peshawar, 23rd April, 2008.

CONFERENCES / SYMPOSIA /WORKSHPS ATTENDED

- 1) 11th National and first international Chemistry Conference from 10th–14th April 2001, at Department of Chemistry, University of Peshawar (Pakistan).
- 2) 2005 Spring Meeting of the Polymer Society of Korea, 14th–16th April 2005 at Seoul (South Korea).
- 3) International Symposium on Nano Technology and Applications, 29th June 2005, at Kyungpook National University Deagu (South Korea).
- 4) 2005 Fall Meeting of the Polymer Society of Korea, 13th– 14th October 2005 at Jeju (South Korea).
- 5) 2006 Spring Meeting of the Polymer Society of Korea, 6th– 7th March 2006 at Ilsan (South Korea).
- 6) Ultramicrotomy for Industrial Workshop, May 9th-10th 2006 at Kyungpook national University, Deagu, (South Korea).

- 7) Polymer Science Symposium on “Functional Polymers and Their Applications”, 8th August 2006, at Kyungpook National University Deagu (South Korea).
- 8) 2007 Fall Meeting of the Polymer Society of Korea, 10th – 11th October 2007 at Ilsan (South Korea).
- 9) Workshop on Nanomaterials and Regional Meeting of Nanomaterials Forum, 23rd April 2008, at Peshawar.

DISTINCTIONS AND AWARDS

1. Doctoral Fellowship Award from Kyungpook National University (South Korea).