

**ZAFFAR IQBAL (Gold medalist)**  
**M.Phil in Physical Chemistry**

Cell: 0092 346 7778378

Email: [zaffar\\_icup@yahoo.com](mailto:zaffar_icup@yahoo.com)  
[zaffaricup@gmail.com](mailto:zaffaricup@gmail.com)



**Research Interests:** Smart polymer gels, Biomedical applications such as drug delivery, Catalysis, Nano particles synthesis and application as catalyst, Bimetallic nano particles and microwave assisted catalysis.

**Teaching Experience:**

Lecturer at Department of Chemistry, Bacha Khan University Charsadda since June/2016 till date.

**Research Publications**

1. “Fabrication of silver nanoparticles in poly (N-isopropylacrylamide-co-allylacetic acid) microgels for catalytic reduction of nitroarenes” ZH FAROOQI, N TARIQ, R BEGUM, SR KHAN, Z IQBAL
2. “Synthesis and Characterization of Smart Polymer hybrid gel cross-linked by N,N-(1,2-dihydroxy Ethylene) Bis Acrylamide” Zaffar Iqbal Luqman Ali Shah and Mohammnad Siddiq
3. “Synthesis and Characterization of Pentablock Copolymers Based on Pluronic® L64 and Poly(methyl methacrylate)” Ullah S , Hussain H , Ullah A , Mohammad S , **Iqbal Z** , Shah SM , Siddiq M , Khan AZ , Ali Zulfiqar

**Awards**

- Gold Medal of Chemistry, 2012 Islamia College University Peshawar.
- Best graduate of the Session 2008-12 Department of Chemistry, Islamia College University, Peshawar

## Education

**M.Phil (Physical Chemistry) 2015**

(18 years education degree)

**(3.6 CGPA)**

### **Research Project**

Synthesis and Characterization of Smart Polymer Hybrid gel cross-linked by N,N-(1,2-dihydroxy Ethylene) Bis Acrylamide.

**Quaid-i-Azam University Islamabad Pakistan**

**2012**

**BS(Hons) Chemistry**

**(3.83 CGPA)(Gold Medal)**

### **Research Project**

“Partitioning Study of Phenyl diamine Derivatives between aqueous and micellar media of ionic Surfactants”.

**Islamia College University Peshawar Pakistan**

## Language skills

- English (6 band in IELTS)
- Urdu
- Pashto

## Research skills and Experiences:

- Micro gel synthesis and characterization
- Biological and Catalytic activities of micro gels
- Laser Light Scattering and their interpretation
- Conductivity meter,
- UV Spectroscopy,
- IR Spectroscopy
- Fluorescence Spectroscopy

## Personal:

<b>Father's Name:</b>	Akhya Jan
<b>Marital Status:</b>	Single
<b>Nationality:</b>	Pakistani
<b>CNIC No:</b>	11201-2449126-3
<b>Passport No:</b>	QV1331261
<b>Designation:</b>	Lecturer (BPS-18)

## Reference

- 1. Prof. Dr. M Siddiq**  
Head of Department of chemistry,  
Quaid-i-Azam university Islamabad  
email: [m\\_sidiq12@yahoo.com](mailto:m_sidiq12@yahoo.com)
- 2. Associate Prof. Dr. Hazrat Hussain**  
Department of chemistry,  
Quaid-i-Azam university Islamabad  
email: [hazrat.hussain@qau.edu.pk](mailto:hazrat.hussain@qau.edu.pk)