

## Shahbaz Ahmad

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### EDUCATION

**M.Phil Analytical Chemistry**, 2002

University of the Punjab (PU), Lahore

**M.Sc. Chemistry**, 1999

Bahaudin Zakariya University (BZU), Multan

**B.Sc. Zoology, Botany, Chemistry Group**, 1997

Bahaudin Zakariya University (BZU), Multan

**F.Sc. Pre-Medical Group**, 1994

Board of Intermediate & Secondary Education (BISE), Multan

**S.S.C. Science Group**, 1991

Board of Intermediate & Secondary Education (BISE), Multan

### Professional Education:

**B.Ed (University of Sargodha)**

**M.Ed (AIU)**

### TEACHING & TUTORING EXPERIENCE

**Lecturer in Chemistry:** Govt. Post Graduate College for Boys, Sahiwal.

September 2002 to September 2006

- Assisted in the lab instruction of junior (F.Sc.) and senior (B.Sc. & M.Sc.) level inorganic chemistry students.
- Instructed students to design new experiments and learn proper safety practices.
- Supervised advanced lab instruments

**Lecturer in Chemistry:** University of Education Lahore (Vehari Campus)

- General Chemistry for Teacher training, Fall & Spring semester 2006-07
- BS Chemistry courses (2016-2018)
- Assisted in instruction of B.Ed subjects

**Lecturer in Chemistry:** University of Education Lahore (Multan Campus)

General Chemistry for Teacher training, Fall & Spring semester 2007-08

- Physical, Inorganic, Organic and General Chemistry for B.Sc. (Fall Semesters 2008-11)
- Teaching of B.Ed., M.Ed. and M.A Education subjects (2007-16)
- Research Supervision for M.Ed. and M.A Education
- Lab supervision and Course emphasis in Practical
- Teaching general courses to BBA, BSIT and BS Physics in spring semester 2019

### Certificates/Diploma in Education:

- Certificate in "**Staff Development Course**" (April 25<sup>th</sup> - May 23<sup>rd</sup>, 2007) by National Academy of Higher Education (NAHE), Higher Education Commission (HEC) held at University of Education Lahore
- Certificate in "**Information and Communication Technology**" from THE AGA KHAN UNIVERSITY Karachi, Pakistan (14 January - 04 April 2008) under Canada-Pakistan Basic Education Project (CPBEP)

### Conferences Attended:

- 6<sup>th</sup> International & 16<sup>th</sup> National Chemistry Conference “**Quality Of Life and Chemical Sciences**” Department of Chemistry B.Z.U, Multan, Pakistan (March 6-8, 2006).
- 1<sup>st</sup> International Conference “**Quality Teacher Education, Promises and Practices**” Pearl Continental Hotel Lahore Pakistan (November 5<sup>th</sup> & 6<sup>th</sup> 2007) organized by University of Education, Lahore
- International Conference “**Transforming Teacher Education: Improving Practicum and Internship**” at Pearl Continental Hotel Lahore Pakistan (March 26- 28 2008) under Canada-Pakistan Basic Education Project (CPBEP)
- 2<sup>nd</sup> International Conference “**Realizing Millennium development Goals (MDGs) through Teacher education**” at Avari Hotel Lahore Pakistan (Sep 20-21, 2007) organized by University of Education, Lahore

### RESEARCH EXPERIENCE

#### Graduate Research work,

Bahudine Zakria University Multan, 1998/99 and University of Punjab, 2001/02

- Synthesis of Dexamthasone esters with Ibuprofen and 2-Chlorobenzoic acid
- Identified and characterized compounds using U.V-Visible and infrared spectroscopies
- Conducted pharmacological studies of the synthesized drugs
- Developed Spectrophotometric method to measure plant hormone (Spermine)

### PUBLICATIONS & PRESENTATIONS

- **Spectrophotometric Studies of Spermine Isolated from the Nutmeg of Myristica Fragrance** published in Volume 26, No. 1, 2004, Journal of the Chemical Society of Pakistan ([www.jcsp.org.pk](http://www.jcsp.org.pk))
- **Impact of Computer Assisted Learning on Teaching through Blogs and Email at UE-Multan Campus** at Faculty development Forum (FDF): Sharing **Experiences** at Directorate of Staff Development (DSD) Lahore (04 March, 2010) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- Policy Paper for **Increasing the Responsiveness of Teacher Training to Teacher Needs** at Hotel Ramada, Multan (10-11 March, 2010). Document reported by CPBEP under CIDA at Annual Planning Forum (APF) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Principles of Effective Online Teaching**, Taleemi Zaviay (Urdu), issue 01, Volume 22, Jan 2011, Pakistan Education Foundation Islamabad.
- Policy Paper for **Improvement of National Internship Program (NIP)** at Raza Haal, Multan Pakistan, (26 March, 2011). Document reported by CPBEP under CIDA at Annual Planning Forum (APF) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Research Highlights in Fullerene Chemistry** published in Volume 34, No. 6, August 2012 issue of Journal of the Chemical Society of Pakistan ([www.jcsp.org.pk](http://www.jcsp.org.pk))

### Professional Training Workshops Attended:

- A workshop on “**Communicating your Research and results through a Poster Presentation**” at Shiza Inn Hotel Multan Pakistan (November 12<sup>th</sup> - 13<sup>th</sup> 2007) organized by USAID
- “**Conceptual Framework of Networking for Professional Development**” at Shiza Inn Hotel Multan Pakistan (June 13<sup>th</sup> - 14<sup>th</sup> 2007) organized by USAID
- “**Designing Network Mechanism for Professional Development of Teacher in Pakistan**” at Shiza Inn Hotel Multan Pakistan (June 13<sup>th</sup> - 14<sup>th</sup> 2007) organized by USAID

- **“Educational Leadership: New Visions For The Future”** at Management and Professional Development Department (MPDD), Govt. of Punjab, Lahore Pakistan (May 26<sup>th</sup> - 27<sup>th</sup> 2008) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **“Enhancing Personal Effectiveness and Develop Training and Resource Utilization and Management plans”** at Management and Professional Development Department (MPDD), Govt. of Punjab, Lahore Pakistan (July 03<sup>rd</sup> - 04<sup>th</sup> 2008) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **“Improving Teaching Learning Ecology at Teacher Education Colleges”** at Shiza Inn Hotel Multan Pakistan (July 08<sup>th</sup> - 09<sup>th</sup> 2008) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- Faculty Development workshop for **“Communicative Skills Changes Lives”** at University of Education Multan Pakistan (09 August 2008) organized by University of Education Lahore
- **“Learner Centered Instruction (LCI) Trough Inquiry and (CBL) Case Based Learning”** at Ramada Hotel Multan Pakistan (19 August 2008).
- **Training for Model Classroom Equipments (Smart Board)** at University of Education Township Campus Lahore (08 September 2008)
- **Development of Instruments for Gender Audit** at Ramada Hotel Multan Pakistan (14 October 2008) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Force Field Analysis** at University of Education Multan, Pakistan (13 November 2008) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Change Management and Force field Analysis** at Ramada Hotel Multan Pakistan (19 November 2008) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Gender Sensitive Inclusive Instruction** at Ramada Hotel Multan Pakistan (19 March 2009) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Gender Audit Facilitators as Gender Focal Persons** at Hotel Ramada Multan Pakistan (September 30, 2009) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Training workshop of Identified Potential Contributors on Annual Planning Forum (APF) Position Papers** at Hotel Shangrilla Cuisine Bosan Road Multan (23-24 December, 2009) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Orientation to Educational Research** by Centre of Educational research and development (CERA), 01-07 Feb, 2012 at Multan Campus organized by University of Education Lahore (UE)
- **Annual Planning Forum** at Hotel Shangrilla Cuisine Bosan Road Multan (16-17 Feb 2010) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Virtual Learning Environment** at THE AGA KHAN UNIVERSITY Karachi, Pakistan (22 – 25 Feb 2010) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Faculty development Forum: Sharing Experiences** at Directorate of Staff Development (DSD) Lahore (04 March, 2010) under Canada-Pakistan Basic Education Project (CPBEP), <http://www.semiotics.pk>
- **Cascading workshop on research methodology, testing & assessment**, at University of Education (Multan Campus), 04-07 June, 2012 organized by University of Education Lahore