

DR. AKHTAR

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**Director**

**Academic (Manuscripts) Wing,**

**Punjab Curriculum and Textbook Board Lahore**

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Qualifications:

**M. Sc., M. Phil., Ph. D. (Zoology),**

**M. A. (Educational Planning & Management),**

**M. Ed (Science Education),**

**Certificate in Professional Education (UK).**

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**E. mail ID:** [**akhtar.368475@2freemail.com**](mailto:akhtar.368475@2freemail.com)

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**Personal:**

* Born on November, 17, 1973 in Kamalia, District Toba Tek Singh, Punjab-Pakistan
* Enjoys excellent health and love to travel.

**Academic Qualifications:**

* **PhD in Zoology** (2013) with 3.36 CGPA out of 4 CGPA in course work from the department of Zoology, Wild life and fisheries of GC University, Faisalabad-Pakistan
* **Major Subjects:** Environmental Biotechnology; Principles of Toxicology; Animal Pests & Disease producing Organisms and Chemical Biology of Fishes
* **M. Phil. in Zoology** (2006) with 3.45 CGPA out of 4 CGPA from the department of Zoology, Wild life and fisheries of Government College University, Faisalabad-Pakistan
* **Major Subjects:** Human Genetics; Behavioral Ecology; Environmental Biology of Fishes; Helminthology; Advances in Aquaculture and Biology & Control of Vertebrate pests
* **M. Sc. in Zoology** (1997) with 56% marks from the department of Zoology Government College, Faisalabad-Pakistan
* **Major Subjects:** Biochemistry; Cell Biology; Genetics; Physiology; Embryology; Biometry; Evolution; Taxonomy; Ecology; Wild Life and Paleontology & Zoogeography
* **B. Sc. in Botany, Chemistry and Zoology** (1995) with 53% marks from the Government College Faisalabad-Pakistan
* **Higher Secondary School Certificate (F. Sc.) in Pre-Medical subjects** (1993) with 62% marks from the Government College Faisalabad-Pakistan
* **Higher School Certificate (Matriculation) in Science subjects** (1990) with 85% marks from the Government High School no.1 Kamalia District Toba Tek Singh

**Professional Qualifications:**

* **Certificate in Professional Education** (CPED) from the **University College Plymouth St Mark & St John, U.K**
* **M. Ed** from Allama Iqbal Open University, Islamabad - Pakistan in2005.
* **B. Ed** from University of the Punjab, Lahore-Pakistan in 1999

**Teaching Experience:**

* 19 years teaching experience in HIS, Jeddah-Saudi Arabia, Beaconhouse School System, Faisalabad-Pakistan, Divisional Model College FSD and FGS & College, Faisalabad and Roots IVY Flagship campus, Faisalabad.

**Administrative Qualification**

* **M.A** in **Educational Planning & Management** from the **Department of Educational Planning, Policy Studies and Leadership of Allama Iqbal Open University, Islamabad-Pakistan**

***Courses Studied:***

* Basic Concepts of Educational planning & management;
* Process of Educational Planning;
* Plan implementation & management;
* Curriculum Planning & Evaluation;
* Development Education;
* Educational Research & Statistics;
* Project Implementation, Monitoring & Evaluation;
* Population Education;
* Foundations of Education;
* Educational Research;
* Curriculum development and Instruction;
* Educational Psychology.

***Administrative Training:***

* Successful completion of **sixty working days** (10 weeks) group **training workshop** from the **Department of Educational Planning, Policy Studies and Leadership** of Allama Iqbal Open University, Islamabad

**Administrative Experience:**

* More than 10 years’ administrative experience as chairman school discipline committee/coordinator in HIS, Jeddah-Saudi Arabia, Divisional Model College Faisalabad and Faisalabad Grammar School & College, Faisalabad.

**Professional Background:**

***From 1998 to 2005***

* **Lecturer/Subject Specialist (Biology) /Chairman School-College Discipline Committee** at DMC Faisalabad & Faisalabad Grammar School Faisalabad-Pakistan
* **Responsibilities**
* Teaching A-Level, O-Level and F. Sc. Classes
* Maintaining College/School Discipline
* Setting Teacher’s time table
* Member of Science Exhibition Organizing committee
* Member of School Sports Organizing committee
* Member of School Examination Control committee

***From 2005 to February, 2012***

* **Subject Specialist** in **Cambridge Biology** at **Beaconhouse School System** Canal Campus Faisalabad-Pakistan
* **Responsibilities**
* Teaching of A-Level classes
* Member of Science Exhibition Organizing committee
* Incharge of Green Environment Society

***From February, 2012 to September, 2012***

* **Subject Specialist** in **Cambridge Biology for “O and A” level classes & Incharge** **Discipline Committee** at **Hala International School, Jeddah, Saudi Arabia**
* **Responsibilities**
* Teaching Biology to Cambridge O & A-Level classes & Maintenance of school discipline
* Coordinating Headmaster & Principal & Time Table compilation

***From September, 2012 to September, 2013***

* **Subject Specialist** in **Cambridge Biology for A-Level classes** atFaisalabad Grammar School & Kohinoor Grammar School Faisalabad

***From September, 2013 to November, 2013***

* **Subject Specialist** in **Cambridge Biology for A-Level classes** at Beaconhouse School System, Faisalabad

***From November, 2013 to August, 2016***

* **Subject Specialist** in **Cambridge Biology for A-Level classes** at Roots International IVY Flagship campus Faisalabad-Pakistan

***From August, 2016 to date***

* **Director (Manuscripts) in Punjab Curriculum &Text book Board, Lahore-Pakistan**
* **Responsibilities**

In addition to Routine administrative duties

* Supervision & monitoring the activities of various constituent divisions of manuscripts wing
* Reviewing the progress of duties assigned, performance of the Deputy Directors/Art Designers/Senior Subject Specialists/Subject Specialists/Assistant Subject Specialists and other specific matters of the Manuscripts Wing.
* Develop and maintain resource bank and keep renewing a list of well reputed, experienced writers/authors and editors in different subjects from Universities, Colleges, Schools and Research Institutes who have the reputation of excellence in the subjects and innovative ideas.
* Appointing authors, editors, reviewers, language experts after approval of the Managing Director/Board of Governors according to the rules.
* Providing guidelines to authors and editors a uniform style of preparation of manuscripts
* Arranging workshops on the subject of originality and plagiarism.
* Conducting research in the appropriateness of textbooks and supplementary materials.
* Performing any other task assigned by managing director/ board of governors.

**Research experience:**

* Research work during PhD. at Department of Zoology, Government College University Faisalabad and produced a thesis entitled, "Determination of **Organochlorine** and **Nitrogen containing** Pesticide Residues in the **Flesh of Major** **Carps** from River Ravi from Shahdara to Head Balloki".
* Research work during M. Phil., at Department of Zoology, Government College University Faisalabad and produced a thesis entitled, "**Micro- and Macro-Vascular** **Complications** and their associated risk factors among persons with type-2 **Diabetes Mellitus** in Faisalabad-A multi Centre study.
* Research work during M. Sc., at Department of Zoology, Government College Faisalabad and produced a thesis entitled, "Clinical **Epidemiological studies** and Antibiotic therapy of ***Brucella*** infected patients treated at Allied & District Headquarter Hospitals Faisalabad".
* One year research work during M. Ed (Science education) working independently being a student of Allama Iqbal Open University, Islamabad and produced a thesis entitled, "A **comparative study** of Science Teachers working in **Government, Semi Government** **and Private Schools** in Faisalabad city with respect to their Scientific Attitude”.

**Awards & Academic Distinctions:**

* Awarded **scholarship on merit** by Higher Education Commission Islamabad-Pakistan for PhD.
* All Punjab **First Position** in **Lecturer’s Competitive Examination** for the recruitment of lectures in the Punjab Education Department conducted by **Punjab Public Service Commission, Lahore-Pakistan**
* **First Position** in College in **M. Sc. final examination** conducted by University of the Punjab, Lahore- Pakistan

**Membership of Professional bodies:**

* American Fisheries Society (AFS)
* Zoological Society of Pakistan (ZSP)
* Society of Biology UK

**Training Workshops attended:**

* **Four days** (January, 11-14, 2010) training workshop on **“DNA fragmentation by Bio-Molecular Techniques”** arranged by the department of Zoology, Government College University Faisalabad, Pakistan in collaboration with Higher Education Commission, Islamabad, Pakistan; British Council and Newcastle University, UK
* **Three days** (August, 11-13, 2008) training workshop on **“Techniques for the estimation of quality meat by Bio-Molecular methods”** arranged by the department of Zoology, GC University Faisalabad, Pakistan in collaboration with HEC, Islamabad, Pakistan; British Council and Newcastle University, UK
* **Three days** (August, 6-8, 2007) training workshop on **“Techniques for the estimation of quality of animal foods by non-invasive Bio-Molecular methods”** arranged by the department of Zoology, Government College University Faisalabad, Pakistan in collaboration with Higher Education Commission, Islamabad, Pakistan; British Council and Newcastle University, UK
* **Three times participation in** training workshops for **Cambridge Biology arranged** by **Cambridge** **University** & **British Council Lahore**
* Participation in **“How to Learn”** workshop arranged **by New Horizons Islamabad**
* Participation in **“Study Technology”** workshop arranged by **All Pakistan Association of Private School**

**Publications:**

**National Journals:**

* **Akhtar, M**. Mahboob, S. and Latif, N. 1999. Clinical Epidemiological studies of *Brucella*infected patients treated at Allied & District Headquarter Hospitals Faisalabad. *Pak. J. Agri. Sci.,* 36(3-4): 141-144.
* **Akhtar, M**. and Latif, N. 2000. Antibiotic therapy of *Brucella* infected patients treated at Allied & District Headquarter Hospitals Faisalabad. *Pak. J. Biol. Sci*., 3(2); 363-364.
* Hassan, M., **Akhtar, M**. and Akhtar. N.2010. Prevalence of Retinopathy & its associated factors in type-2 Diabetes Mellitus Patients visiting Hospitals and Diabetic clinics in Faisalabad, *Pakistan Pak. j. Zool*., 42(1): 41-46. **Impact Factor: 0.189**

**International Journals:**

* **Akhtar, M**., Mahboob, S., Alghanim, K., Sultana, S., Sultana, T. Ahmed, Z., 2014. Assessment of Pesticide Residues in Flesh of *Catla catla* from River Ravi Pakistan. ***The Scientific World Journal***. **Impact Factor: 1.730**
* **Akhtar, M**. Mahboob, S. Sultana, S. and Sultana, T.,2014. Pesticides in Water of River Ravi and its Tributaries from Shahdara to Balloki Headworks Pakistan. ***Water Environment Research****,* 86(1): 13-19. **Impact Factor: 0.89**
* **Akhtar, M**. Mahboob, S. Sultana, S. and Sultana, T., 2012. Assessment of Pesticide Residues in Sediments collected from River Ravi and its Tributaries between its stretches from Shahdara to Balloki Headworks, Pakistan. *J.B.A.H*., 2(5): 127-133. **IC Impact factor value**: **5.09**

**Abstracts:**

* **Akhtar, M.** and Latif, N. Clinical Epidemiological studies and Antibiotic therapy of *Brucella* infected patients treated at Allied & District Headquarter Hospitals Faisalabad. ***Proc. Pakistan Congr. Zool.,* 18:**
* **Akhtar, M**. Mahboob, S. Sultana, S. and Sultana, T. Assessment of Pesticide Residues in Flesh of *Labeo rohita* collected from River Ravi between its stretches from Shahdara to Balloki Headworks, Punjab-Pakistan. ***Proc. Pakistan Congr. Zool.,* 33:**

**Conferences attended & Research articles presented:**

* **One day** (11 July, 2012) **conference** on Fisheries & Aquaculture for **“Developing strategies to monitor Indus River Pollution in Mianwali region of Pakistan by using fish as a potential bio-indicator”** hosted by the department of Zoology, Wildlife & Fisheries GCUF., Pakistan in collaboration with HEC., Islamabad, Pakistan; British Council and Newcastle University, UK
* 18th Pakistan Congress of Zoology held under the auspices of the Zoological Society of Pakistan at University of the Punjab, Lahore during March 1998.
* 33rd Pakistan Congress of Zoology (International) held under the auspices of the Zoological Society of Pakistan at Pakistan Museum of Natural History, Garden Avenue, Shakarparian- Islamabad during April 2013.

**Information Technology Skills**

* Certificate of **MS. Excel, Office**, & Internet
* **D.E.O** Certificate Course in Information Technology from **Comsats Institute** of Information Technology, Islamabad launched by the Government of Pakistan