

**Dr. Toqeer Ahmed Malik**

*M.Sc. (Q. A. Univ.), M. Phil (Q. A. Univ.) & Ph. D. (Q. A. U.)*



**Education:**

<b>Ph. D.</b>	Quaid-i-Azam Univ./The Univ.of Edinburgh, UK
<b>M. Phil.</b>	Quaid-i-Azam University, Isb.
<b>M. Sc.</b>	Quaid-i-Azam University, Isb.

**Present Position:**

**ASSISTANT PROFESSOR**, Preston Institute of Nano Science & Technology (**PINSAT**).

Preston University, Sector H-8/1. Islamabad, PAKISTAN.

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**Work Experience:**

- 10 Years of Teaching and research experience in the field of Biology (Microbiology / Biotechnology)

**Research Projects Completed:**

- Completed 5 research projects at national and International level.

### **Publications and Conference Presentations**

- 7 national and 5 international publications in the refereed journals with impact factor > 5
- 5 lectures were delivered at national forums

### **Distinctions and honors:**

- Award of Scholarship for Ph. D. at The University of Edinburgh, The King's Building, Edinburgh, United Kingdom by Higher Education Commission (HEC).
- Best Performance cash award from Punjab Education Foundation, Government of Punjab, to conduct Science Exhibition in Nov 2007 at District (Rawalpindi) level.
- Best Performance award (Appreciation certificate along with cash) in 2006 from Punjab Education Foundation, Government of Punjab.
- Best Science Teacher Award in 2005 by Army Public School & College, Westridge- III, Rawalpindi.
- Merit scholarship in Ph. D (Microbiology) at Quaid-i-Azam University Islamabad (2004-2007).
- Certificate of Appreciation for Mentor by Intel Education & Ministry of Education in 2009.

### **Training Programme Attended:**

- Attended more than 20 workshops and trainings at national and international level (The University of Edinburgh, UK).

### **Honorary Reviewer:**

- Working as honorary reviewer for 3 international impact factor journals

### **Membership of the Societies:**

- Active Member of the "Society for the Anaerobic Microbiology (SAM)" London, United Kingdom.

### **Fields of Interest:**

- Applied and Environmental Microbiology / Food Microbiology
- Biotechnology
- Nano-biosensors for bioremediation
- Nano-biotechnology
- Water Purification and Wastewater Treatment

**Software Skills:**

- Bioinformatics tools : Basic Local Alignment Search Tool (BLAST) for analysis of Sequencing data
- SPSS ver. 15 & 16 for statistical analysis
- Minitab for statistical analysis
- MEGA-4 (Molecular Evolutionary Genetics Analysis (MEGA) software version 4.0.2. for Phylogenetic study of Bacteria
- End Note and 9- Citation software to handle Bibliography

**International Collaboration /Linkages:**

- Dr. Chris French, School of Biological sciences, The Univ. of Edinburgh, The King's building, UK.
- Dr. Miklaz Scholz, Institute of Infrastructure and Environment (IIE), The Univ. of Edinburgh, The King's building, UK.

**National Collaboration / Linkages:**

- National Agriculture Research Council, Islamabad.
- National Institute of Health, Islamabad.
- National Institute of Biotechnology and Genetic Engineering, Faisalabad.
- Quaid-i-Azam University, Islamabad.
- Islamia Univ. Bahawalpur, Bahawalpur.

**Teaching / Research:**

- Nanobiotechnology
- Cell Bio and Molecular biology
- Currently working on projects related to Nano-biotechnology / Wastewater Treatment