

CURRICULUM VITAE

Name : Neelam Zeb
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Gender : Female
Date of Birth : 11th July, 1989
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Objective

To learn and function effectively in an organization and make efforts to deliver results to the best of my abilities. To constantly upgrade my knowledge and skills and bring innovation in whatever I do.

Technical Profile

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| 2014 | PhD in Biotechnology, under progress, from National Institute for Biotechnology and Genetic Engineering, Faisalabad, Pakistan and secured CGPA of 4 out of 4 in PhD course work (1 st Division). |
| 2011-2013 | M. Phil Microbiology from Quaid-i-Azam University, Islamabad, Pakistan and secured CGPA of 4.3 out of 5 and 86% (1 st Division). |
| 2007-2011 | BS(Hons) in Biotechnology from University of Peshawar, Pakistan and Secured 77% (1 st Division). |
| 2004-2006 | F.Sc (Pre-Medical) from Mardan Model School & College, Mardan Under Board of Intermediate and Secondary Education, Mardan, Pakistan and Secured 902 marks out of 1100, 82% (1 st division). |
| 2002-2004 | Matric from Mardan Model School and College, Mardan Under Board of Intermediate and Secondary Education, Mardan, Pakistan and secured 714 marks out of 850 (1 st division). |

Experience

- **Quaid-i-Azam University, Islamabad, Pakistan.**
1 year research experience as M.Phil. Research Scholar.
- **National Institute for Biotechnology & Genetic Engineering, Faisalabad, Pakistan.**
Recently working in Enzyme Engineering lab, from June, 2015.

- **Women University Mardan, KPK, Pakistan.**

Currently working in Women University Mardan, as lecturer in Microbiology.

Skills

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| • Computer Skills | MS word, MS power point, Window Installation, bio-informatics softwares (putty, VM player etc). |
| • Microbiological Techniques | Microbiology techniques like streaking, culturing, inoculums preparation, DNA extraction, PCR. Other techniques like Staining, PCR, Salting out, Gel electrophoresis, SDS PAGE, purification, enzyme immobilization, enzyme kinetics etc. |

Projects and Achievements

- Currently working on hyper production of thermostable Cellulase from *Aspergillus Oryzae* (Super Koji) strain and mutants as PhD scholar in NIBGE.
- Have researched on Purification and characterization of thermophilic Amylase from *Bacillus sp. TS9* isolated from Shadrah hot spring, Islamabad, Pakistan as M. Phil Scholar in Quaid-i-Azam University.
- Have organized different events in the university.
- Have attended different seminars.
- Attended National Training workshop on Enzyme Engineering: An efficient tool to increase the efficiency of industrial Biocatalysts.
- Attended Conference on 2nd National student conference.
- Attended Symposium related to Diabetes and Heart diseases.

Distinctions and Achievements

- Merit Scholarships in M.Phil securing high GPA

Publications in Conference and Journal

- Have published an abstract "Purification and Characterization of thermophilic Amylase from *Bacillus sp. TS9*" in 10th Biennial International Conference of Pakistan Society for Microbiology. Exploring Microbes for Future Endeavour.
- Phylogenetic analysis of newly isolated protease producing salt tolerant psychrophilic bacteria from Tirich Mir glacier, Pakistan.

Leisure Interests

- Listening to music.
- Surfing internet.

- Watching Dramas and Movies.
- Writing articles on the internet.
- Reading research work of other scientists.

Declaration

I do hereby declare that the particulars of information and facts stated herein above are True and correct to the best of my knowledge and belief.

Neelam Zeb