

# CURRICULUM VITAE

FAIZA ABBAS

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## Personal information:

Address:  
(PUEHS)  
E-mail:  
Contact No:  
Date of birth:  
Place of birth:  
Citizenship:  
Gender:

## Education:

- 2014-2016:           **Master of Science (M.S) in Biochemistry**  
IBB, University of the Punjab, Lahore Pakistan  
Contact No: +92 42-99230355  
CGPA: 3.27/4.00 (76 %)
- 2010-2014:           **Bachelor of Science in Biochemistry (Honors)**  
Institute of Molecular Biology and Biotechnology, The University of Lahore  
Contact No: +92 4235322501  
CGPA: 3.87/4.00 (96 %)
- 2007-2009:           **F.Sc (Pre-Medical)**  
Punjab College for Women/27-c Noon Avenue, Lahore, Pakistan  
Obtained Marks: 75%
- 2005-2007:           **Matriculation**  
Allama Iqbal Public High School, Sialkot, Pakistan  
Obtained Marks: 85%

## Key Skills:

Hands-on experience in general biochemistry and molecular biology laboratory techniques

- Polymerase Chain reaction (PCR)
- Cloning
- Protein Expression
- Agarose Gel electrophoresis
- SDS-PAGE
- Primer designing
- Bioinformatics
- Biochemical analysis of samples using spectrophotometer

### Academic Award:

- Gold medal for securing 1st position in Degree of BS(Hons), Biochemistry, The University of Lahore, Pakistan, 2014.

### Current Position:

April, 2018\_Present      Lecture Biochemistry at the Department of Allied Health Sciences, Superior University, Lahore, Pakistan

#### Key Responsibilities

- To teach graduate level students at the Department
- To carry out research, produce publications and involved in various research activities.
- To supervise or assist with supervision of students in their final year project.
- To contribute in the development, planning and implementation of a high-quality curriculum by working as Quality Circle Head (QCH Biochemistry).
- To contribute in planning and conducting various term projects of students by working as Project Base Learning (PBL) manager Biochemistry.
- To contribute and participate in various conferences, seminars, trainings and workshops in my field of expertise.
- To contribute in obtaining research funding support by designing research proposals.

### Previous Work experience:

Nov2017-June2018:      College Teaching intern (CTI Biochemistry) at Govt. Post Graduate Islamia College for Women, Cooper Rd, Lahore. Pakistan

Oct2015- Sep 2016:      Researcher at Molecular Oncology and LPMO laboratory, Institute of Biochemistry and Biotechnology, University of Punjab, Pakistan.

Sep2014-Nov 2014:      Quality Control Analyst at Nawabsons Laboratories Pvt. Ltd.

1-30<sup>th</sup> June 2014:      Internship at Biochemistry and Haematology Laboratory, Shaikh Zayed Hospital Lahore, Pakistan.

### Publications:

1. Mutahir, Z., Mekasha, S., Loose, J. S., **Abbas, F.**, Vaaje-Kolstad, G., Eijsink, V. G., & Forsberg, Z. (2018). Characterization and synergistic action of a tetra-modular lytic polysaccharide monoxygenase from *Bacillus cereus*. *FEBS letters*.

### Research projects/Thesis:

1. Characterization of Lytic polysaccharide monoxygenases from *Bacillus cereus* (Multi-domain).
2. Evaluate the effect of Hyperthyroidisms on lipid and protein metabolism Parameters analyzed: Triglycerides, Total Cholesterol, HDL, LDL, Urea, Uric acid, Creatinine

## Linguistic Skills

➤ Urdu (**Mother tongue**)

➤ **English**

	<b>Understanding (Listening and Reading)</b>	<b>Speaking</b>	<b>Writing</b>
Level	Good	Good	Good

## Seminars/Webinars/ Conferences

- 1<sup>st</sup> August, 2021: Online session on the Topic “Selection of Journals for publication and Journal indexing” organized by ORIC, Superior University Lahore.
- 11<sup>th</sup> May, 2021: Seminar on the Topic “Awareness on Inclusive Education” organized by AHS, CMACED, Superior University Lahore.
- 11<sup>th</sup> May, 2020: A talk on Today’s world crowned by Corona Virus organized by ORIC, Superior University Lahore.
- 6<sup>th</sup> May, 2020: Research Colloquium on surviving and thriving in Covid-19 Era organized by ORIC, Superior University, Lahore Pakistan.
- 8<sup>th</sup> May ,2020: Research Colloquium on current researches in Life Sciences at FCCU, organized by ORIC Superior University, Lahore Pakistan.
- 30<sup>th</sup> April ,2020: Seminar on the topic “Vaccines combat infection”, organized by ORIC Superior University, Lahore Pakistan.
- 4<sup>th</sup>-6<sup>th</sup> March,2019: **Conferences** attended “5<sup>th</sup> Pakistan 2019 coating show and polyurethane Pakistan Expo”

## Workshops/ Trainings

- February, 2021: Conducted training on “Active Citizenship Program” at AHS Superior University, Lahore.
- February, 2020: Attended Workshop on Plant genomic and transformation at Centre of Excellence in Molecular Biology Research Laboratories, PU, Lahore, Pakistan.
- July, 2019: Attended Workshop on “Laboratory Biosafety and Bioethics” organized by Superior University, Lahore.
- February, 2019: Attended training on “Active Citizenship Program of Facilitator” organized by British Council.

## MOOCs- Online Certifications

July 2021:	Fundamentals of Immunology: T Cell and Signaling” by Rice University, Coursera
Sep, 2020:	Quantitative Methods for Biology” by Harvard University, Edx
Sep, 2020	Catalytic conversions for bio-based chemical and products by Wageningen University and Research, Edx
July, 2020:	Design Thinking Fundamentals by Rochester Institute of Technology, Edx
July, 2020:	Design Thinking: Ideation, Iteration and Communication by Rochester Institute of Technology, Edx
July, 2020:	Design Thinking: Empathizing to Understand the Problem by Rochester Institute of Technology, Edx
July, 2020:	Design Thinking: Prototyping and User Testing by Rochester Institute of Technology, Edx

## Projects Supervised

Students under my supervision conducted literature Review on the following topics

- Prospects of biofuel production through various non-conventional seed oil”
- Biosynthesis of fabric and exploring natural pigments from different fungi for textile dyeing, as an Eco-friendly alternative.
- CRISPR/Cas9 application: Disrupting covalent closed circular DNA of Hepatitis B virus
- Identification and characterization, exposure and health outcomes of Aflatoxin.

## Social Service Activities

Feb- Sep 2021: Supervising 50 students in “Social action projects under Active Citizenship Program (ACP) organized by British council and CMACED Superior University

Feb- Sep 2019: Supervised 25 students in “Social action projects under Active Citizenship Program (ACP) 2019” organized by British council.

## Honors/ Awards

March, 2019: Best Poster award on the topic “HIV awareness” conducted by Primary and Secondary Health care Department, under Punjab AIDS control Program, Pakistan

May, 2015: Gold medal for securing 1st position in Degree of BS(Hons), Biochemistry, The University of Lahore, Pakistan.

## Interpersonal Skills:

- Effective Communication skills
- Self-motivated & Passionate
- Leadership skills
- Team work

**Computer Skills:**

Command on MS Word, MS Excel and MS PowerPoint