

Mamoona Zafar

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Education

2019-2021	M.Phil., Forestry	<u>CGPA 4.00/4.00, (83%)</u>
	<u>The Islamia University of Bahawalpur, Pakistan</u>	
	Dissertation: <i>“Evaluation of Antioxidant and antimicrobial properties in different parts of medicinally valued and Agro-Forest based tree “Salvadora oleoides.”</i>	
2018-2019	B.ED., (1.5 Years)	<u>1297/1800, (72%)</u>
	<u>Allama Iqbal Open Univerity, Islamabad</u>	
	Dissertation: <i>“Impact of parent and teacher behavior to polished the analytical skills among school students.”</i>	
2013-2017	BS (Hon’s) Botany	<u>CGPA 3.65/4.00, (82%)</u>
	<u>The Islamia University of Bahawalpur, Pakistan</u>	
	Dissertation: <i>“Establishment of an economically valued plant Oleae europeae through Micropropagation.”</i>	
2011-2013	F.Sc., Pre-Medical	<u>800/1100, (72%)</u>
	<u>Govt Degree College for Women, Sadiqabad.</u>	
	BISE Bahawalpur.	
2009-2011	Matric	<u>844/1050, (80%)</u>
	<u>Govt M.C. Girls High School, Sadiqabad</u>	
	BISE Bahawalpur.	

Personal Information

Passport # DU5525518
Domicile Punjab
Nationality Pakistani

Employment

- ◆ Worked as Lecturer Botany in Mudrassat-ul-Banat (MTB) Schools and Colleges, Khalid Campus, Sadiqabad

March 2022 – present.

- ◆ Worked as **Lecturer Biology** in Mudrassat-ul-Banat (MTB) Schools and Colleges, Majeed Campus, Sadiqabad.

Nov 2021- July 2022

- ◆ Worked as **Lecturer Biology** in Nexus Senior School Girls Campus, Bahawalpur.

Dec 2019 – June 2020

- ◆ Worked as **Lecturer Biology** Mudrassat-ul-Banat (MTB) Schools and Colleges, Majeed Campus, Sadiqabad.

Aug 2017- Oct 2019

Research Interest

- Plant physiology under environmental stresses (transpiration rate, stomatal conductance, regulation of hormones, growth)
- Biodiversity and its Conservation
- Forest management
- Rhizosphere handling (Moisture content, Organic content, Mycorrhizal association, root depth, root density)
- Plant anatomy under stress conditions
- Tissue culturing
- Mycorrhizal association of plant under stress level
- Advances in Agro-Forestry
- Inventory and monitoring of Forest
- Protection of plants from pathogens through biological measures.

Instrument Understanding

Command on laboratory instruments such as:

- Spectrophotometer
- Centrifuge
- Ultraviolet visible spectrophotometer
- Fourier-transform infrared spectroscopy
- Incubator
- Calorimeter
- pH meter
- Drying Oven

Software Understanding

- SPSS
- Origin
- Adobe photoshop
- Adobe InDesign
- EndNote

Awards and Honors

- 2020-2021** Merit Scholarship for Masters
Merit Scholarship for laptop distribution
From British Council, Scotland, Pakistan Scholarship
The Islamia University of Bahawalpur.
- 2018-2019** Appreciation Award for taking initiative in art and science model
exhibition in MTB, Majeed Campus, Sadiqabad.
- 2013-2017** Position Holder Scholarship
Department of Life Sciences
The Islamia University of Bahawalpur.
- 2013-2014** Merit Scholarship for laptop
By Prime Minister of Laptop Distribution Scheme, Pakistan
The Islamia University of Bahawalpur

Conferences

1st International Conference on Climate Change and Biodiversity (IC³B-2017).

Additional Skills

1. Good presenter
2. Effective communication.
3. Teamwork
4. Data Analyst through SPSS
5. Learning R programming (Continue)

Service Activities

1. Volunteer in a project entitled “**Extraction and characterization of nanocellulose from sawdust of *Abies pindrow* wood**” Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur, Pakistan. (2019-21)
2. Volunteer in a project entitled “**Effect of sodium carbonate on different varieties of wheat under salinity stress**” at the Department of Life Sciences, The Islamia University of Bahawalpur, Pakistan. (2017-2018)
3. Contribution as **Organizer** in events of the Life Sciences Department, The Islamia University of Bahawalpur, Pakistan. (2013-17)

Extracurricular Activities

1. Book Reading.
2. Participate in university events.
3. Art and Designing
4. Arabic Calligraphy

Languages

1. English
2. Urdu
3. Punjab

References

- **Dr. Muhammad Ali Raza**

College of Agronomy,

Sichuan Agriculture University, Chengdu, China

Email: razaali0784@yahoo.com, razaali0784@gmail.com

[ResearchGateGoogle Profile](#)

- **Pro. Dr. Tanveer Hussain Turabi**

Professor/Chairman

Department Forestry Range and Wildlife Management

The Islamia University of Bahawalpur

Email: dr.tanveer@iub.edu.pk

<https://www.researchgate.net/profile/Tanveer-Khan-7>

- **Dr. Muhammad Rafay**

Associate Professor

Department of Forestry, Range and Wildlife Management

The Islamia University of Bahawalpur

Email: rafay@iub.edu.pk

<https://www.researchgate.net/profile/M-Rafay>