

## Shah Zaman



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<https://scholar.google.com/citations?hl=en&user=4jBpxx8AAAAJ>

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### Highlights

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- Total Professional Experience: 8years
- Research Publication: paper published 15
- Conferences/symposia/workshop attended: 11 (International/National)

### Education

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#### **PhD** Botany (In Progress)

Department of Botany,  
Islamia college Peshawar KP.

#### **M.Phil** Botany (2013)

Department of Botany,  
Quaid-i- Azam University (QAU) Islamabad.

#### **BS (Hons)** Botany (2010)

Department of Botany  
University of Malakand, Khyber Pakhtunkhwa

#### **PhD Dissertation Title:**

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“Comparative pharmacognosy and biological profiling of selected species of *Artemisia L*”

#### **Mphil Dissertation Title:**

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“Phytochemical and biological evaluation of some medicinal plants from alpine regions of Pakistan”

### Job Experience

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- Lecturer in Department of Botany University of Malakand (UOM) 19-10-2018 till to date.
- Assistant Registrar Establishment University of Malakand (UOM) 07-10-2020 till to date.
- Focal person for digitization of herbarium Department of Botany UOM 15-11-2020 till to date.

- Lecturer in Department of Botany Shaheed Benazir Bhutto University (SBBU) KP Pakistan from 09 November 2012 to 18 October 2108.
- In charge Department of Botany SBB University Wari Campus KP Pakistan 2017-2108.
- Member of student grievances committee Department of Botany SBB University Wari Campus KP Pakistan 2015-2108.
- Laboratory Supervisor in Department of Botany SBB University Wari Campus KPK Pakistan 2012-2018.
- Member of research committee in Department of Botany SBB University Wari Campus KPK Pakistan 2015-2018.
- Convener of Time table committee in Department of Botany UOM Dec 2018 till to date.
- Member of scholarship committee in Department of Botany SBB University Wari Campus KPK Pakistan 2013-2018.
- Member of scholarship committee in Department of Botany UOM Nov 2018 till to date.
- Member of UFM committee in Department of Botany UOM Dec 2018 till to date.

### **Research Interest**

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- Pharmacognosy
- Medicinal plants phytochemical and biological evaluation.
- Ethno botany.
- SDS-PAGE Cluster analysis.

### **Contribution**

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- Installation of laboratory in the Department of Biological sciences SBB University Wari campus KPK Pakistan.
- Establishment of herbarium in the Department of Botany SBB University Wari campus KPK Pakistan.

### **Academic awards**

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- Gold medal in Bs (Hon)

### **Research Publications**

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1. **S. Zaman**, A. Hazrat and S. Ullahand (2013). Ethnobotanical survey of medicinal plants from Tehsil Dargai District Malakand Pakistan. *FUUAST J. Biol.*, 3(1): 109-113.
2. **S. Zaman**, B. Ullah, S. W. A. Shah, G. Rahim and A. Hazrat. (2020). Effects of drying strategies, altitude and habitat on determination of aflatoxin-B1 levels in eight *Artemisia* species. *Bioscience research.*, 17(2):881-887.
3. **S. Zaman**, M. Nisar, S. Ullah, A. Hazrat1, H. Khan, B. Ullah, M. Ishaq. (2017). Genetic diversity in *Oryza sativa* (L.) reported from soil erosion regions of KPK, Pakistan. *J. Bio. Env. Sci.* 10 (5):79-88.
4. **S. Zaman**, S. Ullah, M. Ishaq, M. Fiaz, R. Khan, K. Rahman. (2017). Effect of different substrate and supplement on nutritional contents of *Pleurotus Floridaus* Singer. . *J. Bio. Env. Sci.* 10(3): 80-87.
5. A. Hazrat, M.Nisar and **S. Zaman**. (2013). Antibacterial activities of sixteen species of medicinal plants Reported from Dir kohistan valley KPK, Pakistan. *Pak. J. Bot.*, 45(4):

1369-1374.

6. A. Hazrat, M. Nisar, J. Shah, **S. Zaman** and K. Sher. (2014). Taxonomic studies on the Asteraceae of Dir Kohistan khyber pakhtunkhwa Pakistan. *Review Of Research* 6 (3): 1-7.
7. Ilahi, I., Yousafzai, A.M., Haq, T.U., Ali, H., Rahim, A., Sajad, M.A., Khan, A.N., Ahmad, A., Ullah, S., **Zaman, S.** and Bibi, A. (2019). Oviposition deterrence and adult emergence inhibition activities of *Cymbopogon nardus* against *Culex quinquefasciatus* with study on non-target organisms. *Appl. Ecol. Environ. Res.*, 17, pp.4915-4931.
8. Ilahi, I., Khan, J., Ali, H., Ghias, M., Rahim, A., Haq, T.U., Sajad, M.A., **Zaman, S.**, Rahim, G., Jan, T. and Ahmad, S., 2019. Hepatoprotective and nephroprotective activities of *Pistacia integerrima* fruit extract in paracetamol intoxicated male rabbits with effect on blood cells count. *Pakistan journal of pharmaceutical sciences*, 32.
9. Ilahi, I., M. Attaullah, A. Rahim, M. A. S, S. Ullah, **Shah Zaman**, G. Rahim, H. Ali. (2019). Insecticidal activities of *Cymbopogon nordus* (Linn.) wholeplant ethyl acetate extract against lymphatic filariasis vector with study on non-target organisms. *Int. J. Biosci.* 14(6), 312-323.
10. Ilahi, I., Yousafzai, A.M., Attaullah, M., Haq, T.U., Ali, H., Rahim, A., Sajad, MA, Najeeb, S., **Zaman, S.**, Ullah, S., Ahmad, A., Begum, R., Waqas, Bibi, H., Hussain, S and Ahmad, B. (2019). The role of odonate nymphs in eco friendly control of mosquitoes and sensitivity of odonate nymphs to inorganic nutrient pollutants. *Applied ecology and environmental research*, 17(3), 6171-6188.
11. A. Hazrat, Z. Shah, K. Sher, Z. Ahmad, S. Bibi, G. Rahim, **S. Zaman**, Z. Fazal, M. Mukhtiar, T. Newsheen, J. Zada and A. Khan. (2020). Floristic diversity and ecological characteristics of flora of Kharawo Talash, Dir lower, Khyber Pakhtunkhwa, Pakistan *BIOSCIENCE RESEARCH*, 17(2): 681-687.
12. A. Hazrat, K. Sher, Z. Ahmad, M. Mukhtiar, Z. Fazal, S. Bibi, J. Zada, **S. Zaman**, G. Rahim, A. Ullah and M. Nisar. (2020). Taxonomic and medicinal survey of Lamiaceae in the hilly area of Dir Kohistan, Khyber Pakhtunkhwa, Pakistan. *Bioscience Research* 17 (2), 969-975.
13. A. Hazrat, T. Jan, K. Sher, G. Rahim, **S. Zaman**, M. Mukhtiar, T. Newsheen, Z. Ahmad, Z. Fazal, S. Bibi, J. Zada, A. Ullah and M. Nisar. (2020). Taxo-ethnomedicinal diversity of *Asteraceae* family of Dir Upper, Khyber Pakhtunkhwa, Pakistan.
14. Hazrat, A., Nisar, M., Sher, K. & **Zaman, S.** (2015). ROLE OF ECONOMIC PLANTS IN THE COMMUNITY DEVELOPMENT OF DIR VALLEY KHYBER PAKHTUNKHWA, PAKISTAN. *FUUAST Journal of Biology*, 5(1): 137-143.
15. A. Hazrat, K. Sher, T. Jan, G. Rahim, **S. Zaman**, Z. Ahmad, Z. Fazal, M. Mukhtiar, S. Bibi, T., Newsheen, J. Zada, S. Ullah, A. Ullah and M. Nisar. (2020). Pteridophytic flora of Jelar valley, Dir upper, Khyber Pakhtunkhwa, Pakistan. *BIOSCIENCE RESEARCH*, 2020 17(2): 982-987.

#### **Computer Literacy**

Statistical Software (STATISTICA, Origin, SPSS, Statistix) . Ms World, Excel and Power point.

#### **Conference/Workshops/Symposia Attended**

1. International symposium on "Biotechnology recent advances" Organized by Deptt. Botany Malakad University, KPK, Pakistan, held during May 21-24, 2007.
2. International symposium on "Medicinal plants: Conservation & Sustainable Use" Organized by Deptt. Quaid-I-Azam University, Islamabad, Pakistan, held during

- December 8-10, 2011.
3. International symposium on "Application of frontier technologies in documentation and conservation of biodiversity and Climate change" Organized by Deptt. Botany SBB University, KPK, Pakistan, held during November 29-30, 2007.
  4. 12th Botanical conference of BJ Bot "Organized by Deptt. Botany SBB University, KPK, Pakistan, held during September 29-30, 2014.
  5. Training on "Advanced faculty professional development program" Organized by Higher education commission Ensuring training effectiveness scheme and SBB University, KPK, Pakistan, held during August 26-28, 2013.
  6. Workshop on "Project formulation" Organized by Pakistan science foundation Islamabad and SBB University, KPK, Pakistan, held during June 17-18, 2014.
  7. Two Days international workshop on Molecular biology tools and techniques at Department of Botany UOM, KP. 2019.
  8. Two days workshops on commercialization of olive at Department of Botany UOM, KP. 2019.
  9. Two Days Workshop on Mushrooms Hunting, Cultivation and Cooking at Department of Botany UOM, KP. 2019.
  10. Two days workshops on commercialization of Glycine max (soya bean) at Department of Botany UOM, KP. 2019.
  11. Two Days international workshop on flora digitization at Department of Botany UOM, KP. 2020.

### **Students supervised**

S.No	Name of the student	Discipline	Institute/University	Completion
1	Wasiullah	BS (Hon)	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2014
2	Muhammad Hakim	BS (Hon)	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2014
3	Yasir Fahim	BS (Hon)	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2015
4	Hashmat Ali	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2015
5	Saiful Islam	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2015
6	Sher Hasan	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2015
7	Shah Zeb Khan	BS (Hon)	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2015
8	Umar Khitab	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2015
9	Muniba	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2018
10	Fouzia Begum	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2018
11	Rais Khan	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2018
12	Hakim Ullah	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2018
13	Atta Ur Rahman	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2018
14	Muhammad Nadeem	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2017
15	Muhammad Tayyab	BS (Hon)	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2018
16	Qasim Khan	BS (Hon)	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2018
17	Liaqat Ullah	MSc	SBB UNIVERSITY SHERINGAL, KPK PAKISTAN.	2018
18	Hira Riaz	MSc	UNIVERSITY OF MALAKAND, KPK PAKISTAN	2019
19	Farid Ullah	MSc	UNIVERSITY OF MALAKAND, KPK PAKISTAN	2019
20	Muhammad Ilyas	MSc	UNIVERSITY OF MALAKAND, KPK PAKISTAN	2019
21	Abdur Rahaman	MSc	UNIVERSITY OF MALAKAND, KPK PAKISTAN	2019

## **Courses Taught at Graduate and Postgraduate Level BS Botany (Hons)**

- Bacteriology and virology.
- Medicinal plants.
- Biochemistry
- Plant Physiology
- Genetics

## **References**

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### **1) Dr. Muhammad Nisar**

Designation: Professor in the department of Botany University of Malakand.

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### **2) Dr. Mushtaq Ahmad**

Designation: Associate Professor in the department of plants sciences QAU Islamabad.

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### **3) Dr. Birkat Ullah**

Designation: Assistant Professor in the department of Botany ICU KPK, Pakistan.

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### **4) Dr. Ali Hazrat**

Designation: Associate Professor in the department of Botany University of Malakand KPK, Pakistan.

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### **5) Dr. Shujaul Mulk Khan**

Designation: Assistant Professor in the department of Botany Hazara University KPK Pakistan.

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### **6) Dr. Zahidullah**

Designation: Assistant Professor in the department of Botany University of Swat.

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### **7) Dr. Faizanullah**

Designation: Assistant Professor in the department of Botany University of Science and technology Bannue.

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