

Curriculum Vitae

Dr. Shazia Saeed

shazia_botany@yahoo.com

PERSONAL INFORMATION

Father's Name: Dr. Mohammad Saeed
Designation: Associate Professor (TTS)
Institution: University of Balochistan Quetta, (Department of Botany)
Nationality: Pakistani
N.I.C: 54400-0595860-4
Address: House No. 28-C Street No. 3 Model Town Quetta
Cell no: 03218148890

QUALIFICATIONS

- PhD in Botany (2017)
University of Balochistan, Quetta
- M.Phil in Biotechnology and informatics (2010)
BUIITEMS Quetta
- M.Sc in Botany (1997)
University of Balochistan, Quetta

WORK EXPERIENCE & LEARNING

- Associate Professor (TTS) University of Balochistan. From 15th Jun 2023 till date
- Assistant Professor (TTS) University of Balochistan. From Sep 2017 to 15th June 2023
- Lecturer (BPS-19) University of Balochistan from Oct 2016 to Sep 2017
- Lecturer (BPS-18) University of Balochistan from 25th June 2007 to Oct 2016
- Lecturer (BPS-17) Govt. Girls Degree college Brewery road Quetta from Sep 1999 to 25th June 2007
- Science Teacher PAF intermediate college Quetta from March 1998 to Sep 1999

Core responsibilities

I am working as associate professor on TTS in the Department of Botany University of Balochistan Quetta.

My key roles in the department are:

1. Teaching to the students of graduates and post graduates.
The subjects I teach are:

- i. Plant systematics,
- ii. Biodiversity and Conservation,
- iii. Natural resource management,
- iv. Molecular biology and genetics,
- v. Phytogeography
2. Supervising the research students of BS, M.Phil and PhD.
3. Currently I am also serving as chairperson of the department
4. I also worked as consultant for plant identification and focal person from the department.
5. Semester coordinator MS/PhD Program since Sep 2020 to date
6. Departmental Focal Person for Turnitin since 2017 to date
7. Semester coordinator MSc Program since Oct 2016 to Aug 2020
8. Semester coordinator BS Program since Oct 2018 to April 2019

PUBLICATIONS

Identification and Annotation of the 21 Novel Sugar Cane (*Saccharum officinarum*) MicroRNA Clusters and Their Significant Biological, Molecular and Cellular Targets (journal article)

Baqi, Abdul | [Saleem, Muhammad Zafar](#) | Ayub, Muhammad | [Saeed, Shazia](#)
Tropical Plant Biology, volume 17, issue 1, pages 65-81 (2024).
[10.1007/s12042-023-09352-y](https://doi.org/10.1007/s12042-023-09352-y)
[Cited by \(2\)](#) | [Cite](#) | [Source](#)

The sustainable use of diverse plants accustomed by different ethnic groups in Sibi District, Balochistan, Pakistan (journal article)

Maria, Bibi | [Saeed, Shazia](#) | [Ahmed, Alia](#) | Ahmed, Maria | Rehman, Abdul
PLOS ONE, volume 19, issue 2, pages e0294989- (2024).
[10.1371/journal.pone.0294989](https://doi.org/10.1371/journal.pone.0294989)
[Cited by \(1\)](#) | [Cite](#) | [Source](#) | [Open Access](#)

Ethnobotanical survey and utilization of medicinal and food plants of Panjgur Balochistan, Pakistan (journal article)

Ayoub, Muhammad | [Saeed, Shazia](#) | [Ahmed, Alia](#) | Ahmed, Maria
Asian Journal of Ethnobiology, volume 6, issue 1 (2023).
[10.13057/asianjethnobiol/y060104](https://doi.org/10.13057/asianjethnobiol/y060104)
[Cited by \(5\)](#) | [Cite](#) | [Source](#) | [Open Access](#)

Genetic diversity and population structure assessed through simple sequence repeat markers in *Saccharum* spp. hybrids from Pakistan and Sri Lanka (journal article)

Shahzad, Sundas | [Saeed, Muhammad](#) | Perveen, Shagufta | [Azeem, Muhammad](#) | Sajjad, Iqra | [Saeed, Shazia](#) | Naeem, Muhammad | Javed, Alia | Sultan, Iqra | Faria, Ukasha | ... | Yousaf, Muhammad Zaid
Genetic Resources and Crop Evolution, volume 69, issue 8, pages 2889-2900 (2022).
[10.1007/s10722-022-01411-9](https://doi.org/10.1007/s10722-022-01411-9)
[Cited by \(4\)](#) | [Cite](#) | [Source](#)

Bio-Functional Potential and Biochemical Properties of Propolis Collected from Different Regions of Balochistan Province of Pakistan (journal article)

Akbar, Ali | Gul, Zareen | Aziz, Saliha | Sadiq, Muhammad Bilal | Achakzai, Jahangir Khan | Saeed, Shazia | Chein, Su Hlaing | Sher, Hassan
Oxidative Medicine and Cellular Longevity, volume 2022 (2022).
 10.1155/2022/7585406
[Cited by \(9\)](#) | [Cite](#) | [Source](#) | [Open Access](#)

Genetic variation in lentil (*Lens culinaris Medik*) germplasm evaluated under irrigated conditions of agro-ecological uplands of Quetta, Balochistan (journal article)
 Baloch, Abdullah | Laghari, Saadullah Khan | Ejaz, Muhammad | Khattak, Manzoor Iqbal | Saeed, Shazia | Ayub, Faiqa | Ullah, Hafeez | Wali, Shaheen
Pakistan Journal of Botany, volume 54, issue 4 (2022).
 10.30848/PJB2022-4(14)
[Cite](#) | [Source](#)

The Inextricable Link between Ecology and Taste: Traditional Plant Foraging in NW Balochistan, Pakistan (journal article)
 Aziz, Muhammad Abdul | Abbasi, Arshad Mehmood | Saeed, Shazia | Ahmed, Alia | Pieroni, Andrea
Economic Botany, volume 76, issue 1, pages 34-59 (2022).
 10.1007/s12231-022-09543-w
[Cited by \(10\)](#) | [Cite](#) | [Source](#)

Relationship between Maternal Hemoglobin Concentration to the Newborn Cord Blood Hemoglobin and Serum Concentration (journal article)
 Muhammad, Samreen Fakeer | Baloch, Parigul | Akbar, Shakeel | Ali, Safia Ewaz | Saeed, Shazia | Shoaib, Maryam
Pakistan Journal of Medical and Health Sciences, volume 15, issue 7, pages 2320-2322 (2021).
 10.53350/pjmhs211572320
[Cite](#) | [Source](#) | [Open Access](#)

Species diversity and ethnobotanical inventory of wild flora used by the folk community of Shinghar Balochistan, Pakistan (journal article)
 HAQ, Anwar Ul | Saeed, Shazia | Ahmed, Alia
Nusantara Bioscience, volume 13, issue 2 (2021).
 10.13057/nusbiosci/n130203
[Cited by \(2\)](#) | [Cite](#) | [Source](#) | [Open Access](#)

Genetic diversity and population structure of Seriphidium Sub-genus of Artemisia from different terrains of Balochistan, Pakistan (journal article)
 Rehman, Abdul | Saeed, Shazia | Ahmed, Alia
Biodiversitas Journal of Biological Diversity, volume 22, issue 5 (2021).
 10.13057/biodiv/d220525
[Cited by \(6\)](#) | [Cite](#) | [Source](#) | [Open Access](#)

Genetic structuring of Ephedra an important medicinal plant from low to high altitudinal zones of Balochistan, Pakistan (journal article)
 Basit, Abdul | Saeed, Shazia | Ahmed, Alia | Baloch, Nizam | Ali, Asif Zahid
Biodiversitas Journal of Biological Diversity, volume 22, issue 2 (2021).
 10.13057/biodiv/d220223
[Cited by \(2\)](#) | [Cite](#) | [Source](#) | [Open Access](#)

Evaluation of Genetic Diversity in Maintainer and Restorer Inbreds of *Helianthus annuus* L. using Multivariate Techniques (journal article)
 Ahmad, Hafiz Basheer | Habib, Sajida | Chattha, Waqas Shafqat | Qamar, Rizwana | Saeed, Shazia | Khaliq, Abdul | Rauf, Salsabeel
Pakistan Journal of Agricultural Research, volume 34, issue 3 (2021).

10.17582/journal.pjar/2021/34.3.431.437 Cited by (1) Cite Source Open Access
Genetic diversity and morphological variation of Pinus gerardiana along the environmental gradient from Zhob, Balochistan, Pakistan (journal article) Gul, Janat Saeed, Shazia Ahmed, Alia Laghari, Saad ullah khan Basit, Abdul Rehman, Abdul Zahid, Muhammad <i>Nusantara Bioscience</i>, volume 13, issue 1 (2020). 10.13057/nusbiosci/n130116 Cited by (2) Cite Source Open Access
Optimizing Seed Rates and Effects of Direct and Indirect Selection Indices in Sugarcane Crop (journal article) Khaliq, Abdul Ahmad, Naeem Ahmad, Hafiz Basheer Younus, Muhammad sher, Rashad ul saeed, Shazia Hussain, Iqtidar <i>Indian Journal Of Agricultural Research</i> (2020). 10.18805/IJARE.A-580 Cite Source Open Access
Biochemical profile and bioactive potential of thirteen wild folk medicinal plants from Balochistan, Pakistan (journal article) Ahmed, Alia Hameed, Amjad Saeed, Shazia <i>PLOS ONE</i>, volume 15, issue 8, pages e0231612- (2020). 10.1371/journal.pone.0231612 Cited by (8) Cite Source Open Access
PHYTOTOXIC POTENTIAL OF WILD MEDICINAL PLANTS FROM DIFFERENT ALTITUDINAL GRADIENTS OF QUETTA BALOCHISTAN PAKISTAN ON CONVULVULUS ARVENSIS L. (journal article) Saeed, Shazia <i>Journal of Weed Science Research</i>, volume 24, issue 4, pages 323-334 (2018). 10.28941/24-4(2018)-2 Cite Source
UTERINE RUPTURE (journal article) Saeed, Shazia Ahmad, Ashfaq Akhtar, Nasreen <i>The Professional Medical Journal</i>, volume 22, issue 08, pages 1044-1047 (2015). 10.29309/TPMJ/2015.22.08.1153 Cited by (1) Cite Source Open Access
A REVIEW ON GENETIC DIVERSITY OF WILD PLANTS BY USING DIFFERENT GENETIC MARKERS (journal article) Saeed, Shazia <i>Pure and Applied Biology</i>, volume 1, issue 3, pages 68-71 (2012). 10.19045/bspab.2012.13004 Cited by (5) Cite Source Open Access
Agricultural Productivity Impact of a Mini-Dam: A Case Study of Ziarat, Balochistan (journal article) Saeed, Zohaib Mustafa, Usman Hina, Hafsa Saeed, Shazia <i>The Pakistan Development Review</i>, volume 51, issue 4II, pages 277-287 (2012). 10.30541/v51i4iipp.277-287 Cite Source Open Access
"PROM" (journal article)

Yasmin, Shakila | Fatima, Naheed | **Saeed, Shazia**
The Professional Medical Journal, volume 16, issue 03, pages 438-444 (2009).
[10.29309/TPMJ/2009.16.03.2877](https://doi.org/10.29309/TPMJ/2009.16.03.2877)
[Cite](#) | [Source](#) | [Open Access](#)

CONFERENCES ATTENDED

I have attended 8 international and national conferences in different Universities and Institutes of Pakistan. <https://scholar.google.com/citations?user=wZT2HeEAAAJ&hl=en>

TRAINING/WORKSHOPS/SEMINAR ATTENDED

I have attended approximately 31 different trainings and Workshops in different Institutes of Pakistan to improve my skills and knowledge in my research field.

SUPERVISION

- I have supervised approximately 40 Research students including PhD, M.Phil, M.Sc and BS

Projects and Consultancies

S. No	Title	Agency	Status
1.	Open herbarium	GBIF	In progress
2.	Kitchen gardening	IWMI	In progress
3.	Characterization of some medicinally important taxa of Zygophyllaceae from different regions of Balochistan.	HEC	Completed
4.	Morphological and Molecular Characterization of some Controversial Wild Medicinal Plants of Balochistan. (Principal Investigator)	UBRF-Research and Development Grant ORIC UoB Qta.	Completed
5.	Develop Web-accessible Documented and illustrated Information on Plants of Balochistan.(Co Investigator)	Pakistan Science Foundation, Islamabad.	Completed
6.	Identification of plants	Forest Department of Balochistan.	Completed

HONORS AND AWARDS

- Best Teacher Award from Directorate of Colleges Balochistan 2003.

MEMBERSHIPS

- Pakistan Journal of Botany
- World Wildlife Fund (online)
- Ecological Restoration Institute (online)
- In Tech-Open Access Publisher (online)

PERSONAL & TECHNICAL SKILLS

- 1 Good communication, writing and ability to convey ideas in English as well as in Urdu & Pashto.
- 2 Proficient knowledge of MS office, Excel, Power Point, SPSS, Latex, In page, Print artist & net browsing.

RESEARCH AND THESIS

- 1 Genetic Diversity of wild medicinal plants of Balochistan.
- 2 Applications of Ethnobotanical study
- 3 In Vitro Conservation of Endangered Medicinal Plants
- 4 Biodiversity and Conservation
- 5 Sea Weeds of Balochistan