

Dr. Khan Sher

HEC approved supervisor

Assistant Professor, Shaheed Benazir Bhutto university, Sheringal, Dir Upper

Research Gate link: <https://www.researchgate.net/profile/Khan-er/stats/citations>

Web page: <https://www.sbbu.edu.pk/departments/botany/faculty.php>

LinkedIn link: [linkedin.com/in/dr-khan-yousafzai-4b66b415a](https://www.linkedin.com/in/dr-khan-yousafzai-4b66b415a)

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Profile Summary

I am PhD in Molecular Biology (genomics and proteomics) and working as an Assistant Professor of a public sector University (www.sbbu.edu.pk) and (www.uom.edu.pk) with more than 20 years' experience of teaching, research and administration. Being senior faculty.

I have supervised more than 10 MS level researches and 1 PhD with diverse aspects of plant sciences. I have submitted two projects to HEC, which are in pipeline to acceptance. One is the cultivation of mushrooms at high altitude by Pakistan science foundation worth 6 million rupees being Principal investigator and other is under the title of Mitigating climate change effects on land races common bean productivity and nutritional quality under irrigated & rain-fed conditions under local challenging fund of HEC world bank group. I have Published more than 35 research articles in well reputed national and international journals with impact factors. I have also conducted National and international conferences, workshops and seminars organized by Quid e Azam University Islam Abad, PARC Islam Abad, Shaheed Benazir Bhutto University Sheringal and university of Malakand. I have also organized National Conference in 2023 being Chief Organizer sponsored by higher education commission Pakistan.

I am permanent reviewer of many journals and reviewed more than 20 articles of national and international status of (even impact factor). I have also evaluated research thesis of M. Phil scholars of many universities. I am also member of the editorial board of few journals. member of my university, I have been remained member of selection committee, academic council, examination committees, advanced studies and research board (ASRB), convenor of the graduate studies committee (GSC) of the department of Botany, shaheed Benazir Bhutto University and member of the GSC of the department of Botany of the University of Chitral. I have also conducted board of studies and other forums being convenor and members. I also worked as Head of the department of Forestry, Botany, zoology and also worked as campus coordinator. I have also worked as a resource person for the collection and identification of wild medicinal and wild fruit plants relatives of the projects of Pakistan Agricultural Research Centre (PARC). I have also been remained focal person of the project "Development and establishment of the department of Forestry" at Sheringal Dir upper under the auspicious of the University of Malakand. Recently I have been recommended for best teacher award by the university.

Carrier objective

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills.

Personal Profile

Date of Birth: April 10, 1978
 Residence: Pakistan
 Domicile: District Dir Lower, Pakistan
 CNIC No: 15302-8060701-5
 Postal Address: P/O; Nasafa, Dir Lower, KP, Pakistan
 Phone: +92-944-885418
 Cell: +923449695432, +923018068742
 E-mail: khansherphd@gmail.com

Research Stats overview according to research gate

(<https://www.researchgate.net/profile/Khan-Sher/stats/citations>)

- | | |
|-----------------------|--------|
| 1. Publications. | 37 |
| 2. Research Interest, | 827.2 |
| 3. Citations, | 524 |
| 4. Recommendations, | 2033 |
| 5. Reads, | 11,977 |

Project Submitted

No.	Title of the project	Sponsoring agency	Duration
1.	Collection, preservation and identification of Macrofungi Dir Upper under the Shaheed Benazir Bhutto University, Sheringal, Dir Upper”	Department of botany Shaheed Benazir Bhutto University, Sheringal, Dir Upper	6 months
2.	Mitigating climate change effects on land races common bean productivity and nutritional quality under irrigated & rain-fed conditions	Local Challenge Fund World bank group Higher education Pakistan	24 months

Research articles Published

Title of Research Articles	Complete Name of Journal	Print ISSN & Electronic ISSN	Vol. & Issue No.	Page No.	Impact Factor	Date of Publication
The Role of Non-Timber Forest Products (NTFPs) in Rural Livelihoods: Evidence from District Chitral, Pakistan	JOURNAL OF POLITICAL STABILITY ARCHIVE	Online ISSN: 3006-5879 Print ISSN: 3006-5860	Vol. 3 No. 2	691-698	y	2025
Nutritional and phytochemical potential of Diospyros Kaki L. fruit from the foothills of hindukush ranges, district dir upper, Khyber Pakhtunkhwa, Pakistan	Genetic Resources and Crop Evolution	7255–7268	Volume 7 2	7255–7268	1.7	2025
Taxonomic studies on the Asteraceae of Dir Kohistan Khyber Pakhtunkhwa Pakistan	Review of Research Journal	2455-3085 (Online)	3(5)	1-7.	6.84 9	2014
Assessment of Induced Variability of Yield Contributing Traits in M1 Gamma Irradiated Germplasm of wheat (Triticum aestivum L.)	Journal of Stress Physiology & Biochemistry	Electronic ISSN: 1877-8755. Print ISSN: 1138-7548.	16(2)	102-113	2.63 8	2020
Effect of Gamma Irradiation on Yield and Yield Contributing Traits in Hybrids of Sunflower (Helianthus annuus L.)	Journal of Stress Physiology & Biochemistry	Electronic ISSN: 1877-8755. Print ISSN: 1138-7548.	15(1)5-15	45427	2.63 8	2019
Effects and mechanism of plant litter on grassland ecosystem: A review	Acta Ecologica Sinica	print: 1872-2032, Online: 1872-2032	41(4)	341-345	1.41 4	2021
socioeconomic and biological conditions of saifulmalook national, Pakistan	Journal of Biodiversity and environmental sciences (JBES)	2220-6663 (Print) ; ISSN : 2222-3045 (Online)	3 (3)	21-29	1.35 6	2013
Quantitative analysis of medicinal flora used as Herbal remedies in hindu kush mountain Range, northern Pakistan	Pakistan Journal of Botany	(print: ISSN 055 6-3321, online: ISSN 20 70-3368	53(5)	1807-1819	0.96	2021
Species composition and carbon dynamics of Abies pindrow forest of dir Kohistan, Pakistan,	Journal of applied ecology & env. Research	Print : 1785-0037. Online: 1589-1623	17(4)	8049-8058	0.82	2019
Arbuscular Mycorrhizal Fungi (AMF) effects on growth and nutritional performance of Mentha arvensis L. at various levels of rock phosphate amendments	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(3)	1730-1742.	0.73 7	2020
Floristic diversity and ecological	BIOSCIENCE	Print ISSN:	17(2)	681-	0.73	2020

characteristics of flora of Kharawo Talash, Dir lower, Khyber Pakhtunkhwa, Pakistan	RESEARCH	1811-9506. Online ISSN: 2218-3973		687.	7	
Floristic inventory and ethnomedicinal survey of important plants of kalash valley chatral, hindukush range, Khyber pakhtunkhwa, Pakistan	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(2)	1233- 1246.	0.73 7	2020
Medicinal value and taxonomic study of Euphorbiaceae from Dir upper Khyber Pakhtunkhwa Pakistan	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(3)	1792- 1797	0.73 7	2020
Phytosociological structure of Skyland forests at Wari, Dir Upper, Khyber Pakhtunkhwa, Pakistan	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(2)	815- 826.	0.73 7	2020
Protein Profiling of Indegnous Common Bean Through SDS-PAGE	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(2)	688- 698.	0.73 7	2020
Pteridophytic flora of Jelar valley, Dir upper, Khyber Pakhtunkhwa, Pakistan	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(2)	982- 987.	0.73 7	2020
Survey of taxo- ethnomedicinal plants belonging to family Apiaceae in the outer hills of Dir Kohistan, Pakistan	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(2)	919- 925	0.73 7	2020
Taxo-ethnomedicinal diversity of Asteraceae family of Dir Upper, Khyber Pakhtunkhwa, Pakistan	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(2)	961- 968.	0.73 7	2020
Taxonomic and ethnobotanical study of Ranunculaceae from Dir Upper, Khyber Pakhtunkhwa, Pakistan	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(2)	933- 940	0.73 7	2020
Taxonomic and medicinal survey of Lamiaceae in the hilly area of Dir Kohistan, Khyber Pakhtunkhwa, Pakistan	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(2)	969- 975	0.73 7	2020
The effect of vescicular arburcular association on the nutritional values of Mentha longifolia L. at vareious level of rock phosphate amendmets	BIOSCIENCE RESEARCH	Print ISSN: 1811-9506. Online ISSN: 2218-3973	17(1)	515- 523	0.73 7	2020
Trace metal concentration in important medicinal plants of Khyber Pakhtunkhwa, Pakistan	BIOSCIENCE RESEARCH,	Print ISSN: 1811-9506. Online ISSN:	17(2)	699- 710	0.73 7	2020

		2218-3973				
Antibacterial and anti-fungal activities of nine species of family Ranunculaceae from Dir Kohistan valley, KPK, Pakistan	FUUAST Journal of Biology (FJB)	Print: 2222-0356. Electronic: 2616-8758	2(2)	Jun-72	X	2013
Effects of vesicular arbuscular mycorrhizae (VAM) on growth performance of <i>Mentha longifolia</i> l. At various levels of rock phosphate amendments	FUUAST Journal of Biology (FJB)	Print: 2222-0356. Electronic: 2616-8758	8(2)	311-318	X	2018
Ethnobotanical uses of medicinal plants in tehsil utman khel District bajaur khyber Pakhtunkhwa Pakistan	Pakistan Journal of Weed Science Research	1815-1094 (Print) 2225-7942 (Online)	26(3)	287-298	x	2020
Genetic diversity in common beans (<i>Phaseolus vulgaris</i> L.) Collected from different ecological zones of Malakand division (a part of the Sino Japanese region of Pakistan)	Sarhad journal of agriculture	Print ISSN 1016-4383; Online ISSN 2224-5383)	36(4)	1203-1213.	X	2020
PCR Based Genetic Diversity in Common Bean (<i>Phaseolus vulgaris</i>) Landraces Collected from Malakand, Division, Khyber Pakhtunkhwa, Pakistan,	Sarhad journal of agriculture	Print ISSN 1016-4383; Online ISSN 2224-5383)	35(2) 579-586	579-586	X	2019
Role of economic plants in the community development of Dir valley Khyber Pakhtunkhwa, Pakistan	FUUAST Journal of Biology (FJB)	Print: 2222-0356. Electronic: 2616-8758	5(1)	137-143	X	2015
Taxonomic and medicinal study of papilionaceae of District Upper Dir, Khyber Pakhtunkhwa, Pakistan.	Sarhad Journal of Agriculture	Print ISSN 1016-4383; Online ISSN 2224-5383)	36(3)	974-978.	X	2020
Taxonomic study of Green Algae of Lower River Swat, KP, Pakistan	FUUAST Journal of Biology (FJB)	Print: 2222-0356. Electronic: 2616-8758	2(1)	125-130	X	2012
Bryophytes flora of Sheringal Valley, Dir Upper, Khyber Pakhtunkhwa, Pakistan	Pakistan Journal of Weed Science Research	1815-1094 (Print) 2225-7942 (Online)	26 (1)	76-83.	Y	2020
Effects of the root bark extract of <i>Monothea buxifolia</i> (falc.) A. Dc on antioxidant potential and seral properties of rabbit (<i>Oryctolagus cuniculus</i>)	Pakistan Journal of Weed Science Research	1815-1094 (Print) 2225-7942 (Online)	24(4)	429-438	Y	2018
Floristic Diversity And Weed Communities Of Maize, Potato And Mungnean Crops Of Kalash	Pakistan Journal of Weed Science Research	1815-1094 (Print) 2225-7942 (Online)	25 (2)	79-90	Y	2019

Valley Chitral Hindukush Range
Khyber Pakhtunkhwa, Pakistan

Supervision at M. Phil Level

<i>S. No.</i>	<i>Level of scholars/ student</i>	<i>No.</i>	<i>Status</i>
1	M. Phil	8	completed
2	M. Phil	7	In progress
3	M. Sc	22	completed
4	BS	35	completed
5	BS	7	In progress

Experience

TEACHING EXPERIENCE/ EMPLOYMENT RECORD (20 Years)					
No	DESIGNATION	INSTITUTE	SCALE/ GRADE	DURATION	
				FROM	TO
1	Assistant Professor	SBBU	19	14/10/2024	7/6/2025
2	Lecturer	SBBU	18	9/9/2009	15/10/2024
3	Lecturer	University of Malakand	18	1/7/2007	8/9/2009
4	Lecturer	University of Malakand	Contract	15/10/2005	31/06/2007

ADMINISTRATIVE EXPERIENCE/ EMPLOYMENT RECORD (15 Years)					
No	DESIGNATION	Institute	BPS	From	To
1.	HoD Botany Main Campus	SBBU	19	October 7, 2024	to present
2.	HoD Botany Wari Campus	SBBU	18	July 16, 2021	October 6, 2024
3.	HoD Botany Main Campus	SBBU	18	December 6, 2018	July 15, 2021
4.	HoD Botany Wari Campus	SBBU	18	August 17, 2015	April 17, 2018
5.	Incharge Wari Campus	SBBU	18	April 22, 2014	August 16, 2015
6.	Incharge Botany Deptt	SBBU	18	February 18, 2013	April 21, 2014
7.	Incharge Forestry Deptt	SBBU	18	May 27, 2010	May 26, 2012
8.	Warden (on additional charge basis)	SBBU	18	July 1, 2007	October 8, 2008
9.	incharge forestry department	UOM	18	09-10-2008 to	08-09-2009
10.	Incharge forestry department	UOM	18	03-01-2006	05-04-2007

Education profile

<i>CERTIFICATE/ DEGREE</i>	<i>BOARD/ UNIVERSITY</i>	<i>YEAR</i>	<i>MARKS OBTAINED</i>	<i>TOTAL MARKS</i>	<i>% AGE</i>	<i>*DISTINCTION</i>
SSC	BISE swat	1994	614	850	72.24	
HSSC	BISE Swat	1996	701	1100	63.73	
B. Sc.	University of Peshawar	1998	309	550	56.18	

M. Sc.	University of Peshawar	2001	740	1200	61.67
M. Phil.	University of Malakand	2013	512	700	83.7
Ph.D.	Shaheed BB University	2019	461	600	76.8

Thesis reviewed and external examiner

PhD and M. Phil Thesis examined/ reviewed of the University of Baluchistan and Gilgit University, Gilgit Baltistan and University of Malakand

Article reviewed in Journals

- Sarhad Journal Of Agriculture Sciences.
- Pakistan journal of botany
- FUUAST J. BIOL
- Journal of Stress Physiology & Biochemistry
- Pure and Applied Biology (PAB) Online ISSN: 2304-2478
- Pakistan Journal of weed science research <https://www.wssp.org.pk/weed/ojs/index.php/index>

Research Interests

- Molecular biology
- Genomics
- Mycology
- Bio chemistry
- Plant systematics
- Ethno botany
- Ecology and biodiversity
- Medicinal plants

Conferences, Trainings and Workshops Attended

Year	Nature of activity	Title	Place
2023	Chief organizer National Conference	Plant Sciences and Climate Change (PSCC)	Shaheed Benazir Bhutto University, Sheringal, Dir Upper in collaboration with HEC
2023	Chief organizer Training Workshop	Edible Mushroom Tissue Culture Spawn Production and Cultivation Technology	PMNH Islamabad in collaboration with Pakistan Museum of Natural History Islamabad and PMAS Arid Agriculture University Rawalpindi
2019	Member inceptioneeting	Medicinal and aromatic Plants collection and conservation strategies	PGRI NARC Islam Abad
2019	Certificate of appreciation being member	New horizon in life sciences and health care	Department of bio; Sciences, Shaheed Benazir Bhutto University

2018	seminar Certificate of appreciation being Co organizer	Crop wild relatives' genetic resources of Pakistan and their utilization	organized by Pakistan, research council held at Islamabad
2014	Co Organizer	4 th international and 13 th national conference on botany	Shaheed BB University Sheringal Dir Upper, KP, Pakistan under the supervision of Higher Education Commission
2013	Symposium Co-Organizer	<i>Two Days Symposium on "Application Of Frontier Technologies In Documentation And Conservation Of Biodiversity And Climate Change"</i>	Shaheed BB University Wari Campus under the supervision of Higher Education Commission
2013	Participants	<i>Three Days Training Course on "Ensuring Training Effectiveness"</i>	Shaheed BB University Wari Campus under the supervision of Higher Education Commission
2009	Participants	<i>One Week Post Graduate Training Course on "Nuclear and Other Advance Technologies in Agricultural and Biological Research"</i>	NIAB (National Institute of Agriculture and Biological Science)

Memberships/ Responsibilities

- Member GSC Department of Botany University of Chitral
- Member ASRB Shaheed BB University Sheringal Dir (Upper), KP, Pakistan
- Member Academic Council Shaheed BB University Sheringal Dir (Upper), KP, Pakistan
- Coordinator University Sub Campus Wari
- Head of the Department of Botany
- Head of the Department of Forestry
- Focal Person of the Project entitled "Development of the Department of Forestry University of Malakand".
- Worked as member board of studies of Forestry, botany and biology
- Remained members of academic council at 2008 of the University of Malakand.
- Member selection committee at Shaheed BB University at 2010
- Worked as co-organizer of one international conference at Wari under Shaheed BB University at 2012.
- Convenor admission committee of the department of Botany
- Worked as member of UFM committee several times of SBBU.
- Teaching subjects: Plant systematic, Anatomy, Taxonomy, Research methodology, Morphology of Plants etc.

Computer Skills

Computer	Windows 2000, Networking Essentials, MS Office Pack, Internet + E-mail, Hardware assembling, Software Installations Power point, Home Plan Pro (Software for mapping), ACD See and Ms Word.
Research Statistics	SPSS (Statistical Package for Social Sciences), statistix
Typing speed is	approx. 30 words per minute
Also work in	GPS (Global Positioning System)

Other Services/Award

- **Pioneer Faculty Member of Shaheed Benazir Bhutto University Sheringal Dir upper**
 - **Obtained best teacher award from the University conducted by Quality Enhancement Cell (QEC).**
 - **Selected for best University teacher award by the HEC under evaluation by the university.**
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References:

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