



*Dr. GUL RAHIM CURRICULUM VITAE*

*LECTURER -CUM- CURATOR (BPS-18) DEPARTMENT OF BOTANY UNIVERSITY OF MALAKAND*

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***I.PERSONAL DETAILS***

Name: GUL RAHIM

Date of Birth: 01-04-1981

Domicile: Dir (L), Khyber Pakhtunkhwa

Nationality: Pakistani

Address: (Mailing)

Department of Botany

University of Malakand, Malakand

Father's Name: FAZAL RAHIM

Religion: Islam

Address: (Permanent)

Village Banda Tangi (Talash) P/O Nasafa

Tehsil Timergara District Dir (L) K.P.K,

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## **11. BIOGRAPHY**

Born in Dir lower, Pakistan. Educated in Dir lower through high school. Completed a B.Sc at the University of Peshawar. Taught higher secondary school for ten years in Dir lower. Complete an B.Ed degree at Sarhad university Khyber Pakhtunkhwa; took a botany class. Went on to complete my Ph.D. at PMAS Arid Agriculture University, Rawalpindi. After graduation, worked as a research scientist at the Hanyang University College of Medicine South Korea MeDexGen Co., Ltd. Before joining the faculty at Malakand University to teach plant taxonomy and direct the herbarium. Working on digitization of natural history collections, particularly herbaria, in Pakistan and on providing web access to diverse resources for learning about flora.

### **111. PERSONAL STATEMENT:**

- I am a confident and enthusiastic person with the ability to learn and adapt quickly to new challenges and to handle difficult situation under pressure. I have an organized approach with good communication skills, which enables me to work effectively either on my own or as a part of the team. I am a creative and enthusiastic Microbiologist with two years' experience in the pharmaceutical industry. I have experience in designing and carrying out experiments, testing drugs, researching scientific literature and writing technical reports. I possess excellent analytical and communications skills and a dedicated approach to working in a highly controlled working environment. I am currently looking for a challenging opportunity within the science sector

### **1v. ACADEMIC QUALIFICATIONS**

<b>Year</b>	<b>Degree</b>	<b>Subject/Specialization</b>	<b>Division</b>	<b>%</b>	<b>University/ Institute</b>
2014	Ph.D	Botany	1 <sup>st</sup>	70.25	PMAS Arid Agriculture University, Rawalpindi
2007	M. Phil.	Microbiology	1 <sup>st</sup>	73	Quaid-I-Azam University

2005	M.Sc	Plant science	1 <sup>st</sup>	73	Islamabad Quaid-I-Azam University Islamabad
2002	B.Sc	Science	1 <sup>st</sup>	62	University of Peshawar
2000	F.SC	Pre-Medical	1 <sup>st</sup>	65	BISE Swat pakistan
1997	S.S.C	Science	1 <sup>st</sup>	71	BISE Swat pakistan

***V.PROFESSIONAL QUALIFICATION;*** Bachelor of Education (B.Ed.): Sarhad University of Science & Information Technology (SUIT), Peshawar.

## ***VI. JOB EXPERIENCE: A.PRESENT POSITION***

***Lecturer-cum-Curator (BPS-18):*** Department of Botany, University of Malakand; since October 01, 2018.

***Herbarium Curator;*** I am working as keeper of herbarium/ Botanical Garden and Herbarium Department of Botany at University of Malakand, Khyber Pakhtunkhwa Pakistan since 2018, till date. Over all supervision, Establishment of Botanical Garden and Herbarium, Herbarium keeping and management, Plant Conservation, Preparation of Herbarium specimen, Plant identification, Landscaping, Raising the nurseries of trees, flowers, shrubs and trees, Restoration etc

### ***RESPONSIBILITIES;***

- Ensuring the preservation and protection of specimens in perpetuity.
- Making specimens and their data available for study, both physically and digitally.
- Fostering collections-based research. Access to the collections and data is normally facilitated in several different ways, including: digitizing specimens and making the data available online, lending specimens to qualified scientists at other institutions with appropriate infrastructure for proper care, providing facilities for

visitors, and handling reasonable requests for specimen information.

- At the same time, obliged to preserve the specimens for future use and should refuse the use of specimens whenever their safety or integrity is in question.
- Supervises undergraduate and graduate interns in the Herbarium and provides training on taxonomic skills, herbarium procedures, plant science, as well as the database imaging and efforts.
- Arranging the entire herbarium alphabetically by family, possibly recognizing major groups such as monocots, etc.,
- For flowering plants, following the current APG IV (Angiosperm Phylogeny Group 2016) system, arranging the families in a linear representation of the current concept of relationships,
- Creating a hybrid system, in which much of a traditional framework is retained

### ***DEMONSTRATION;***

I have specialist skills in plant identification (including of fresh and herbarium specimens) of the wild and cultivated flora of our area, and in plant systematic, taxonomy and nomenclature experience in the effective curation, development, and promotion of herbarium.

- Collections, and associated database management skill in performing applied field research, plant inventories, collecting and interpreting
- Data, publishing/reporting findings and making recommendations to management that support a sound environmental interpretation of the institutional mandate and strategic plan experience in the research and recovery of plant species-at-risk in BGH.
- Experience in preparing content for and delivering or leading professional training.
- Workshops in plant identification an ability to manage projects, budgets, and staff effectively (in scope, on time)
- A superior ability to communicate effectively, both orally and in writing.
- An ability to work in a fast-paced, challenging not-for-profit environment.
- Excellent interpersonal/supervisory and public relations skills.

## ***B. PREVIOUS POSITION***

- ***Subject Specialist (BPS-17)***: Elementary & Secondary Education Department Khyber Pakhtunkhwa.
- ***International Researcher***: MeDexGen Co., Ltd. is located in Seoul, Seoul, and Republic of Korea and is part of the Pharmaceutical Manufacturing Industry. MeDexGen Co., Ltd.
- ***Microbiologist***: Vision Pharmaceuticals, Plot No: 22-23, Industrial Triangle, Kahuta Road, Islamabad. Islamabad, Pakistan

***VII. TEST SCORES;*** GAT Subject; Score: 73

## ***VIII. DISTINCTIVE HONOUR***

- HEC indigenous Scholarship (For PhD)

## ***IX. LANGUAGES***

### ***English***

Professional working proficiency

### ***Urdu***

Full professional proficiency

### ***Pashto***

Native or bilingual proficiency

## ***X. RESEARCH INTEREST:***

- Plant Taxonomy & Systematics
- Phytosociology/Biodiversity & Conservation
- Ethnobotany and Medicinal Plants

- Nutraceuticals and Bioactivity guided assessment of plants

## ***XI.TEACHING INTERESTS***

- Recording and sharing high quality biodiversity data; plant taxonomy; using and creating plant identification resources.

## ***XII.RESEARCH & Formal Qualifications***

***Ph. D Research Field (2010-202014 Botany):*** Bioactivities Guided Assessment of some selected Medicinal plants of Malakand Division

***M. Phil Research Field (2005-2007 Microbiology):***

Purification of poly (3-hydroxybutyrate-co-3-hydroxyvalerate) and poly (3- hydroxybutyrate) depolymerases from Actinomycetes

## ***XIII. KEY COMPETENCIES:***

- Ability to deal and solve the problems of students.
- Good communication skills with a good command on English language.
- Good computer knowledge.
- Ability to manage self and team work to meet scheduled work to a high standard to respond to a range of conflicting demands.
- Ability to use my knowledge and skill sensibly in order to solve different problems.
- Posses a willingness to learn things easily and not to afraid for accepting challenging job.
- Understanding of the importance of team work, can work in a friendly manner considering myself as the part of the team

## ***XIV.KEY SKILLS***

- Ethnography
- In depth Field work
- MS office (word, excel, PowerPoint)
- SPSS
- Teaching

- Supervision of scientific staff and BS/M. Phil/PhD students
- Preparation of papers, grant applications and reports, etc.
- Practical knowledge of various computer software programs such as word processing, data analysis, graphical presentation of data, preparation of images for publications and home page productions.

#### ***XV. THEORETICAL KNOWLEDGE***

- Biochemistry
- Biometry
- Cell Biology
- Cell Organelles
- Mycology & Pathology
- Fundamental Microbiology
- Evolution
- Genetic
- Research Technique
- Medical Microbiology
- Advance in Cell biology
- Microbial Physiology & Biochemistry
- Virology
- Immunology
- Tissue Culture

#### ***XVI. HOBBIES/EXTRACURRICULAR ACTIVATES***

- To raise awareness among the people
- Protection of environment
- Self help
- Social Development

- Women and Development
- Bad effects of intoxicating Drug
- Reading books
- Playing Cricket
- A member of the village social welfare committee

## ***XVII. PUBLISHED ARTICLES***

- **Rahim, G.**, R. Qureshi, M. Gulfaz, M. Arshad and S. Rahim. 2012. Preliminary phytochemical screening and ethnomedicinal uses of *Teucrium stocksianum* from Malakand Division. *Journal of Medicinal Plants Research*, 6(5): 704-707. **IF: 0.879**
- Qureshi, R., H. Qureshi, H. Shaheen, **G. Rahim**, W. Ahmed, N.I. Raja, M. Hanif and M.A. Malik. 2012. Medico-Ethnobotanical Knowledge of Jhang Saiyidan, Islamabad, Pakistan. *Archives Des Sciences*, 65(12): 259-271. **IF: 0.474**
- **Rahim, G.**, R. Qureshi, H. Shaheen, M. Hanif and M.A. Malik. 2012. Germplasm screening of *Myrtus communis* var. *baetica* L. from Lower Dir (Malakand Division), Pakistan. *Archives Des Sciences*, 65(12): 49-77. **IF: 0.474**
- Qureshi, R., Qurat-Ul-Ain, M. Ilyas, **G. Rahim**, W. Ahmad, H. Shaheen and K. Ullah. 2012. Ethnobotanical study of Bhera, District Sargodha, Pakistan. *Archives Des Sciences*, 65 (11):690-707. **IF: 0.474**
- **Rahim, G.**, R. Qureshi, H. Shaheen, M. Hanif and M.A. Malik. 2013. Phytochemical Analysis and Antioxidant Properties of *Teucrium stocksianum* Flower from Malakand Division, Pakistan. *International Journal of Agriculture & Biology (IJAB)*. **IF: 0.940**
- Ullah, A., Ul Qamar, M.T., Nisar, M. **Rahim G.**, et al. Characterization of novel cotton MYB gene, GhMYB108-like responsive to abiotic stresses. *Mol Biol Rep* 47, 1573–1581 (2020). **IF: 2.107**



- Ilahi I, Khan J, Ali H, Ghias M, Rahim A, Haq T, Sajad MA, Zaman S, **Rahim G**, Jan T, Ahmad S, Ullah S, Mehreen S, Zafar H. 2019.Hepatotoprotective and nephroprotective activities of *Pistacia integerrima* fruit extract in paracetamol intoxicated male rabbits with effect on blood cells count. Pak J Pharm Sci. 2019 Mar; 32(2 (Supplementary)):817-823. **IF: 0.58**
- Ikram, I., Attaullah, M., Rahim, A., Sajad, M. A., Ullah, S., Zaman. S., **Rahim,G.**, Ali, H. 2019.Insecticidal activities of *Cymbopogon nordus* (Linn.) whole plant ethyl acetate extract against lymphatic *filariasis* vector with study on non-target organisms . International Journal of Biosciences. Vol. 14, No. 6, p. 312-323,
- Hazrat, A., Shah, Z., Sher, K., Ahmad, Z., Bibi,B., **Rahim,G.**, Zaman,S., Fazal, Z., Mukhtiar,M., Newsheen,T., Zada,J., Zada and A. Khan. 2020. Floristic diversity and ecological characteristics of flora, Kharawo Talash, district Dir lower, Khyber Pakhtunkhwa, Pakistan, RESEARCH ARTICLE BIOSCIENCE RESEARCH, 202017(2): 681-687.OPEN ACCESS. **IF: 0.737**
- Hazrat, A., Sher, K., Ahmad, Z., Mukhtiar,M., Fazal, Z., Bibi,S., Zada,J., **Rahim,G.**, Ullah,A. and M. Nisar.2020. Taxonomic and medicinal survey of Lamiaceae in the hilly area of Dir Kohistan, Khyber Pakhtunkhawa, Pakistan. RESEARCH ARTICLE BIOSCIENCE RESEARCH, 2020 17(2): 969-975.OPEN ACCESS. **IF: 0.737**
- Hazrat, A., Sher, K., Jan.T., **Rahim,G.**, Shah, Z., Ahmad, Z., Mukhtiar,M., Bibi,S., Newsheen.T., Zada,J., Ullah,S., Ullah,A. and M. Nisar.2020. Pteridophytic flora of Jelar Valley,Dir upper Khyber Pakhtunkhwa, Pakistan. RESEARCH ARTICLE BIOSCIENCE RESEARCH, 2020 17(2): 982-987.OPEN ACCESS. **IF: 0.737**
- Hazrat, A., Jan.T., Sher, K., **Rahim,G.**, Shah, Z., Mukhtiar,M., Newsheen.N., Ahmad, Z., Fazal, Z., Bibi,S., Zada,J., Ullah,A. and

M. Nisar.2020. Taxo-ethnomedicinal Diversity ofAsteraceae family of Dir Upper Khyber Pakhtunkhwa, Pakistan. RESEARCH ARTICLE BIOSCIENCE RESEARCH, 2020 17(2): : 961-968.OPEN ACCESS. *IF: 0.737*

- Hazrat, A., Jan.T., Sher, K., **Rahim,G.**, Jan.Z., Mukhtiar,M., Ahmad, Z., Fazal, Z., Bibi,S., Hassan,A., Ullah,A. and M. Nisar.2020. Taxonomic and Ethnobotanical study of Ranunculaceae fromDir Upper Khyber Pakhtunkhwa, Pakistan. RESEARCH ARTICLE BIOSCIENCE RESEARCH, 2020 17(2): : 933-940.OPEN ACCESS. *IF: 0.737*
- Hazrat, A., Sher, K., **Rahim,G.**, Ahmad, Z., Zada,J., Mukhtiar,M., Fazal, Z., Bibi,S., Hassan,A., Ullah,A. and M. Nisar.2020. Survey of Taxo-Ethnomedicinalplants belonging to family apiaceae in the outer hills of Dir Kohistan, Pakistan. RESEARCH ARTICLE BIOSCIENCE RESEARCH, 2020 17(2): 919-925.OPEN ACCESS. *IF: 0.737*
- Zaman,S., Ullah,B., Ali,S., **Rahim,G.**, Hazrat, A.2020. Effects of drying strategies, altitude and habitat on determination of aflatoxin-B1 levels in eight Artemisia species. RESEARCH ARTICLE BIOSCIENCE RESEARCH, 2020 17(2): 881-887.OPEN ACCESS. *IF: 0.737*
- Rafiullah., Hazrat,A., Hussain,F., **Rahim,G.**, Rahim,A., Ilahi,I., Khan,W., Ahmad,Z., Fazal,Z., Shah,H., Jan,T and M. Asif Nawaz. 2020. Biological activities of some selected medicinal plants of Agra valley district Malakand, Pakistan. RESEARCH ARTICLE BIOSCIENCE RESEARCH, 2020 17(3): 00-00.OPEN ACCESS. *IF: 0.737*
- Bibi,S., Hazrat,A., Ali,S., Nowsheen,T., **Rahim,G.**, Shah,Z., Ullah,S., Khan,N., Jan,T., Shah,H., Khan,W., Rahim,A., Ilahi,I and A. Hassan Khan.2020. Ethnobotanical study of some selected plants of Bagh Dushkhel dir lower Khyber Pakhtunkhwa, Pakistan. RESEARCH ARTICLE BIOSCIENCE RESEARCH, 2020 17(3): 00-00.OPEN ACCESS. *IF: 0.737*
- Hazrat,A., **Rahim,G.**, Rahim,A., Ilahi,I., Ahmad,A., Jan,T.,Khan,W.,Naz,B.,Shah,H.,Fazal,Z., Asif Nawaz,M., Sher.K., Hassan Khan,A., Bibi,S., Ullah,A. and M. Nisar.2020. Medicinal value and taxonomic study of Euphorbiaceae of district Dir upper Khyber Pakhtunkhwa Pakistan. RESEARCH ARTICLE BIOSCIENCE RESEARCH, 2020 17(3): 00-00.OPEN ACCESS. *IF: 0.737*

### *XVIII. CONFERENCES/SEMINARS/WORKSHOPS PARTICIPATED*

1. Participated in international conferences on Pakistan organized by Quaid-e-Azam University Islamabad during 07-09 June, 2012
2. International Workshop on "Capacity Building of Stakeholders on Olive Processing & Biodiversity Data Mobilization in Regional Herbarium/Botanical Gardens" organized by Department of Botany,UOM in collaboration with Pakistan Oilseed Development Board,Islamabad at University of Malakand on March 02-03,2020.
3. 12<sup>th</sup> National and 3<sup>rd</sup> International conference of Botany,1-3<sup>rd</sup> September Quaid-e-Azam University Islamabad Pakistan organized by Pakistan Botanical Society& Quaid-e-Azam University.
4. Two Days Training Workshop on Georeferencing of plant Occurrence Data from Pakistan organized by Herbarium of Pakistan (ISL), Quaid-e-Azam University Islamabad on 9<sup>th</sup>, 10<sup>th</sup> March, 2020.
5. Teachers Training Workshop on Collection,Preservation and identification of plant Diversity 21<sup>st</sup> May 2012 organized by Pakistan Museum of Natural History, Islamabad.
6. Participated in one day Workshop in 2020 Swat for Restoration and Conservation of Mountain Biodiversity Programmed
7. 1<sup>st</sup> National. Workshop on Molecular Biology Tool & Techniques organized by Department of Botany,UOM on November 12-14,2018.for his participation as participant. Sponsored by: Higher Education Commission Pakistan.
8. 1<sup>st</sup> National. Workshop on Molecular Biology Tool & Techniques organized by Department of Botany,UOM on November 12-14,2018.for his participation as Organizer. Sponsored by: Higher Education Commission Pakistan.
9. Participated in one day Workshop on Intellectual property Rights held on April 26, 2019 at Seminar Hall,Department of Law,University of Malakand. Organized by Office of Research,Innovation & Commercialization (ORIC) University of Malakand.

## ***XIX.PRESIDING OFFICER***

- One-day Training of Presiding Officers and Assistant Presiding Officers-LEG, KPK 2015 Organized by Election Commission of Pakistan.

## ***XX. A LIST OF REFERENCES:***

- **Prof. Dr. Gul Zaman** Vice Chancellor Malakand University.  
**Email :** talash74@yahoo.com
- **Dr. Muhammad Nisar** Chairman Department of Botany University of Malakand  
**Email:** mnshaalpk@yahoo.com/ dr.nisar@uom.edu.pk
- **Dr. Abida Akram** Chairperson Department of Botany, University of Arid Agriculture Murree Road Rawalpindi,  
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- **Dr. Rahmatullah Qureshi** Tenured Professor Department of Botany, University of Arid Agriculture Murree Road Rawalpindi,  
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- **Dr. Noshin Ilyas** Assistant Professor Department of Botany, University of Arid Agriculture Murree Road Rawalpindi,  
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- **Dr. M. Naveed Iqbal Raja** Assistant Professor Department of Botany, University of Arid Agriculture Murree Road Rawalpindi.

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- **Dr. Fariha Hasan** Associate Professor Department of Microbiology Quaid-I-Azam University Islamabad.

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