

Resume Details

Name	DR. JAVED IQBAL		
Personal	<p>Department of Botany Government College University, Hyderabad Sindh. Address: Muslimabad Colony near Eid Gah ground landhi, District Malir, Karachi, Pakistan. Contact No: +92 3442464376 Email ID: javedkhattak76@yahoo.com, javedbotany2016@gmail.com, javed.iqbal@gcu.edu.pk.</p>		
Experience	Designation	Institute	No. of Years
	Lecturer (Contractual)	GC University, Hyderabad, Sindh.	Since 10-02-2022
	Assistant Professor (IPFP)	Government College University, Hyderabad Sindh.	02 Feb 2021 to 31 Jan 2022
	Research officer	Federal Urdu University of Art's Science & Technology Karachi.	2 years 2013-14
	Lecturer (visiting)	Federal Urdu University of Art's Science & Technology Karachi	12 Month 2017-2018
Honor and Awards	List honors or awards for the scholarship or professional activity.		
Memberships	<ul style="list-style-type: none"> • NAHE- (Higher Education Commission Islamabad) Alumni member • Chinese Academy of Sciences, X'ian, Hangzhou China • Dr. Moinuddin Ahmed Research Lab of Dendrochronology and Plant Ecology, Department of Botany FUUAST, Karachi. 75300 • Laboratory of Plant Ecology and Dendrochronology, Department of Botany, University of Karachi. 		
Brief Statement of Research Interest	<p>Doctoral-level research expertise in Plant Ecology and Dendrochronology, Having strong communication and writing skills. Specialty: Tree-ring studies: Dendrochronology, Phytosociology Plant Ecology, Plant Biodiversity, Eco-Physiology, Plant Systematics Multivariate analysis i.e. Ordination and Classification. Population dynamics. Soil analysis.</p>		
Publications	<ol style="list-style-type: none"> 1. Iqbal, J., Shaikh, N., Ahmed, M., Zaidi, S., Khan, A., Khan, A., Baig, Z and Ahmad, W. (2023). Quantitative description and environmental relations of 		

pine communities from Shangla District of KPK, Pakistan. *Pakistan Journal of Botany*, 55(5): 1915-1922.

2. Wahab, A., Masood, T., Awan, A. A., Cheema, M. W. A., Awan, M. A., Shah, Z. A., **Iqbal, J.**, Arif, M., & Gul, W. (2023). Effect of Various Agro-Climatic Conditions on the Quality and Quantity of Olive Oil. *GU Journal of Phytosciences*, 3(2), 81–87
3. Khan, A, Shaikat, S.S., Ahmed, M., Khan, A., **Iqbal, J.** and Siddiqui, M.F. (2023). Regeneration potential of conifers along an elevation gradient under highly disturbed regimes in the western Himalayan region. *Acta Ecologica Sinica*.43 (1) 117-124
4. **Iqbal, J.**, Shaikh, N., Ahmed, M., Zaman, W., Khan, A., Ayaz, A., EL-Ansary, D., Sharma, H., Elansary, Ho, and Park, S. (2022). Floristic Association of Moist Temperate Forests of District Shangla, Delineated by Multivariate Approach. *Agronomy*, 12,(7) x. <https://doi.org/10.3390/xxxx>.
5. Farukh, M., Khan, A., **Iqbal, J.**, Shaikh, N., Zahra, F. (2022). Intergenic Distances Analysis Reveals the Distribution Pattern of Cytochromes P450 Class I Redox System Genes in Kingdom Bacteria. *International Journal of Computational Intelligence in Control*. Vol. 14 (1).
6. Khan, A, Ahmed, M., Gaire, N.P. **Iqbal, J.** Siddiqui, M.F., Khan, A., Shah, M., Hazrat, A., Saqib, N., Mashwani, W.K., Shah, S., and Bhandari., S. (2021) Tree-ring based temperature reconstruction from the western Himalayan region in Northern Pakistan since 1705 C.E <https://doi.org/10.1007/s12517-021-07488-3>
7. **Iqbal, J.**, Ahmed, M., Siddiqui, M. F. and Khan, A. (2020). Tree ring studies from some conifers and present condition of Shangla forests of Khyber Pakhtunkhwa, Pakistan. *Pakistan Journal of Botany*. 52(2): 653-662.
8. Khan, A, Ahmed, M., Siddiqui, M.F., Shah, M., Calixto, E.S., Khan, A., Shah, P., **Iqbal, J.**, and Azeem, M. (2020). Vegetation-environment relationship in conifer dominating forests of the mountainous range of Indus Kohistan in northern Pakistan. *Journal of Mountain Science*. 17: 1989-2000.
9. Khan, A, Ahmed, M., Siddiqui, M.F. **Iqbal, J.** and Gaire, N.P (2018). Dendrochronological potential of *Abies pindrow* from Indus Kohistan of K.P.K. Pakistan. *Pakistan Journal of Botany*, 50 (1): 365-369.
10. **Iqbal, J.**, Ahmed, M., Siddiqui, M. F., Khan, A. and Wahab, M. (2017). Age and radial growth analysis of conifers tree species from Shangla, Pakistan. *Pakistan Journal of Botany*.49 (2).69-72
11. Siddiqui, M. F. Arsalan, Ahmed, M., Hussain, M.I., **Iqbal, J.** and Wahab, M. (2016). Assessment of Understorey Vegetation of Malam Jabba Forest of K.P.K. After the cleanup operation using multivariate techniques. *Journal Technology*. 78 (4): 9-17

12. Khan, A., Ahmed, M., Siddiqui, M.F. **Iqbal, J.** and Wahab, M. (2016). Phytosociological analysis of Pine forest at Indus Kohistan K.P.K. Pakistan. *Pakistan Journal of Botany*. 48(2): 575-580, 2016.
13. Awan, A.A., Khan, M. A., Khan, A., **Iqbal, J.**, Shakir, A., and Mehmood, N. (2016). Response to different timing factors by wild olive seedlings while using various grafting methods. *FUUAST Journal of Biology*. 6 (1): 89-92
14. Siddiqui, M. F. Arsalan, Ahmed, M., Hussain, M.I., **Iqbal, J.** and Wahab, M. (2015). Present state and future trends of Pine forests of Malam Jabba, Swat District, Pakistan. *Pakistan Journal of Botany*, 47(6): 2161-2169.
15. **Iqbal, J.**, Ahmed, M., Khan, Adam and Siddiqui, M.F. (2014). Vegetation description of some pine forests of Shangla District of Khyber Pakhtunkhwa, Pakistan. (A preliminary study). *FUUAST Journal of Biology*. 4 (1): 83-87.
16. Perveen, A., Ijaz, S., **Iqbal, J.**, Asharf, A, and Kousar, S. (2023). Nexus between Ethnobotany and urban life: potential medicinal and food uses of plants from Karachi, Pakistan (country's largest metropolis). (Accepted for Publication in *PLOS ONE* Journal).
17. Nasir, M.I., Abbasi, H.N., Ahmed, W, and **Iqbal, J.** (2023). Spatio-temporal variation in Groundwater Quality along the Coastal Belt of Sindh, Pakistan. (Accepted In *Pakistan Journal of Botany*).
18. Kousar, S., Khan, N., Abbas, Z., **Iqbal, J.** and Khan, T. (2023). Diversity and physiognomic attributes of the flora of Shin Ghar Mountains, Southern Baluchistan, Pakistan. (Under Publication).

Book Published

1. Author of the Text Book "**BIOLOGY**" for Class (XII) of **Sindh Text Book Board Jamshoro**, Published by Urdu Academy of Sindh. (318-355) pp.
2. Book Chapter (**Forests of Shangla District.**)" Published in a Book "**Conifer Forests of Pakistan: Quantitative Description.** (2020) (205-249) pp.
3. Chapter published in the Book "**Some Amazing Gymnosperms**" By Dr. Moinuddin Ahmed, Dr. M.F. Siddiqui, and Dr. Mudassar Israr.
4. Chapter published in a Book "**Some Amazing Angiosperms**" Published by Dr. Moinuddin Ahmed *et al.*
5. Editor of the Book "**The Science of Tree-rings. Dendrochronology:** (2014). By Dr. Moinuddin Ahmed. Qureshi Art Press, Nazimabad, Karachi. I.S.B.N 978-969-9564-47-5 (Got Best Book Award 2017 from HEC).

Papers published in refereed conference proceedings.

1. **Iqbal, J.**, Shaikh, N., Ahmed, M. (2022). "Advances in Biosciences: Bridging Gap between Research and Sustainable Development Goals" May 24-26, 2022. Multivariate analysis for the vegetation growing in the moist temperate forests of

	<p>Shangla district of KPK Pakistan. (Pakistan Botanical Society)</p> <ol style="list-style-type: none"> 2. Iqbal, J., Shaikh, N., Ahmed, M., Zaidi, S., Khan, A. and Baig, Z. (2021). Quantitative description and environmental relations of pine communities from Shangla District of KPK, Pakistan. (Under Publication). Accepted. 3. Iqbal, J., Ahmed, M., Siddiqui, M. F. and Khan, A. (2020). Tree ring studies from some conifers and present condition of Shangla forests of Khyber Pakhtunkhwa, Pakistan. <i>Pakistan Journal of Botany</i>. 52(2): 653-662. 4. Iqbal, J., Ahmed, M., Siddiqui, M. F., Khan, A. and Wahab, M. (2017). Age and radial growth analysis of conifers tree species from Shangla, Pakistan. <i>Pakistan Journal of Botany</i>.49 (2).69-72
<p>Research grants and Contracts.</p>	<p>Growth Climate Response of Commercially Important Chilgoza Pine Start-Up Research Grant Program (HEC/NAHE) Ref. No. 514/IPFP-II (Batch-I) SRGP/NAHE/HEC/2020/281. Amount (Rs. 1 Million). Completed successfully as a Principal Investigator.</p>
	<p>HEC funded project “Drought Reconstruction of Gilgit and Astore Reference No: 20-1806/R&D/10-5149. August 2011 to May 2014. Worked as Research officer. (Successfully Submitted to HEC).</p>
<p>International Seminars and Conferences attended</p>	<ol style="list-style-type: none"> 1. International Seminar / Workshop “Dendrochronology and its scope in South Asia” held in Department of Botany, at Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan. Duration: 14th – 18th May 2007. 2. National Conference on Ecology held on 24th to 27th November 2008 in Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan. 3. 1st Interdepartmental Science conference held on 4th March 2009 in Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan. 4. The World Earth Day Seminar and Workshop held on 22nd to 25th April, 2009 organized by Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan. 5. 2nd Interdepartmental Science conference, held on 8th – 9th March 2010 Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan. 6. 2nd National Science conference on Ecology held on 3rd to 7th May 2010 organized by Department of Botany, at Dr. Abdul Qadeer Khan Auditorium Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan. 7. 1st National Conference on “Poverty Alleviation through Sustainable Management of Biodiversity in Pakistan. Held on 29 – 30 September 2012, Organized by University of Swat Khyber Pakhtunkhwa.

8. **Second International conference on Dendrochronology** held on 14th to 19th November 2010 in Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan.
9. **“World Environment Day Seminar”** held on June 6. 2011, in Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan.
10. **Third International Conference / Workshop on Dendrochronology and Plant Ecology** held on 25th to 30th November 2011 in Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan.
11. **4thInternational Conference / Workshop on Plant Ecology and Dendrochronology** held on 5th to 9th November 2012 in Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan.
12. Two days conference on **“Climate change and Bio-resources of Pakistan”**. Held on 21st to 22nd March, 2013 in Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan.
13. **International Conference on Plant, people, and Climate.** Held in November 5th to 7th 2013 in NUST, Islamabad.
14. **Turnitin Software Training** Organized by Quality Enhancement Cell, Federal Urdu University of Arts, Science, and Technology, Karachi- Pakistan.
15. One-day Seminar on **“Oral Cancer”** Organized by the Youth Health Awareness Program (YHAP). A Project of Youth Affairs Department, Government of Sindh.
16. **1st National Symposium** on Health, Safety, and Environment. Held on 4th March 2014. Organized by the Department of Environmental Science Federal Urdu University of Arts, Science, and Technology, Gulshan-e-Iqbal, Karachi- Pakistan.
17. One-day Seminar on **“Implementation of Alternative Energy in Remote Areas”** held on 25th September 2014 Organized by the Department of Botany, Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi- Pakistan.
18. Workshop on **“Intellectual property rights through research ethics”**. Organized by **IPO** with collaboration Quality Enhancement Cell Federal Urdu University of Arts, Science, and Technology, Gulshan-e-Iqbal, Karachi- Pakistan.
19. 14th National & 5th International Conference of Botany **“Climate change and Phytodiversity: Challenges and Opportunities”**. Held: January 15 – 18 2016. Pakistan Botanical Society, University of Karachi.
20. International Conference and Workshop **“Modern Trends in Dendrochronology and Plant Ecology”** Department of Botany, Federal Urdu University, Karachi. April 10-12 2017.
21. 7th International & 16th National Conference on Plant Resources Current Trends Challenges and Solutions”. Organized by Pakistan Botanical Society, Department of Botany, Islamia College Peshawar, and Peshawar University. 23-26 March

2018.

22. One-day seminar of “**Data Analysis through SPSS**” Botany department Federal Urdu University of Arts, Science and Technology, Gulshan-e-Iqbal, Karachi-Pakistan.
23. International Symposium on “**Plant Life of South Asia**” on the successful completion of **Flora of Pakistan**” held at KIBJE University of Karachi. 24-27 February 2020.
24. **Two-day** International Seminar (Hybrid) “Technology, Innovation, and Socio-Economic Activities” (9 – 10 April 2021) at Government College University, Hyderabad.
25. **3rd** International Conference on “**Advances of Biosciences: Bridging the Gap between Research and Sustainable Development Goals**”. 24-26 May 2022. Organized by the Center for Plant Sciences and Biodiversity University of Swat. Khyber Pakhtunkhwa.
26. Two-day International Conference on “**Quality Education, SDG Implementation, and Interrelations among Goals**” (ICQESDGs) 20-21 May 2023. Organized by: ORIC, and GCUH Funded by Sindh HEC.