

PRIVATE & CONFIDENTIAL



BIODATA

Of

Dr.Din Muhammad Zahid
Professor of Agriculture (Forestry)

Department of Forestry & Range Management
Faculty of Agricultural Sciences & Technology
Bahauddin Zakariya University, Multan

2024

Curriculum Vitae

Name: Din Muhammad Zahid
Father's Name: Mian Ahmad Bakhsh
DOB / Age: 11 March, 1966
Sex: Male
Marital status: Married
Mailing Address: House No. B-4 Agri. Staff Colony,
Bahauddin Zakariya University, Multan

E.mail: dmzahid@bzu.edu.pk and [<dr.mzahid@gmail.com>](mailto:dr.mzahid@gmail.com)

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National Identity Card No. **36302-4314432-7**

ACADEMIC QUALIFICATION

Degree / Certificate	Name of Institution	Date & Year		Marks obtained / Total	Division / Grade / CGPA	Research Areas / Subjects
		From	To			
Postdoc	Central Queensland University - Australia	February 28, 2007	19/02/2008	Phytoremediation for landfill sites (wastes management), water resource management, waste water recycling,		
Ph. D.	Department of Forestry, Range Management and Wildlife. University of Agriculture, Faisalabad [UAF] - Pakistan	December 10, 1996	December 31, 2001	Forestry: Agroforestry; C-Sequestration; Wood Utilization; Tree, Soil, Water Relationships		
M. Sc. (Hons)	-Do as above-	February 23, 1989	September 15, 1991	604 / 800 (75.5%)	Ist / B / (3.67/4)	Range Management
B.Sc. (Hons) Agri.	Barani Agricultural College Rawalpindi affiliated with UAF (present University of Arid Agriculture)	December 08, 1984	August 7, 1988	2816 / 3960 (71%)	Ist / B / (3.32/4)	Range Management & Forestry
HSSC / F.Sc.	Govt. College Kot Addu. (Dist. Muzffar Garh)	May 1981	May 1983, Passed August 30, 1984	662/1100 (60%)	Ist / B	Pre-Medical
SSC/ Matric	Govt. High School Daera Din Panah (Dist. Muzaffar Garh), Punjab	September 11, 1979	March 31. 1981,	580 / 850 (68%)	Ist / B	Science

TRAININGS

1. Completed 14 weeks (in 1991) Course of "Tafseer ul Quran" from Ittefaq Islamic Centre, Lahore.
2. Postgraduate Training Course on Nuclear and other Advanced Techniques in Agriculture and Biological Research held at Nuclear Institute for Agriculture and Biology (NIAB), Faisalabad, Pakistan. From 16 – 27 November 1998.
3. Cert.IV in Project Management - BSB41507 – (Completed) - Infinity Training Australia
4. HLTA301C - APPLY FIRST AID & SENIOR FIRST AID -

JOB POSITIONS / EXPERIENCE

Post Held	Duration		Institution
	From	To	
Professor of Agriculture (Forestry)	16/12/ 2010	To-date	Department of Forestry & Range Management, Faculty of Agricultural Sciences & Technology, Bahauddin Zakariya University, Multan
Adjunct Lecturer (Honorary Position)	17/07/ 2017	16/07/ 2020	Murdoch University, Perth, Western Australia
Post-doctoral Research Fellow	28/02/ 2007	19/02/ 2008	Central Queensland University-Rockhampton, Australia
Associate Professor (Forestry)	29/02/ 2004	15/12/ 2010	University College of Agriculture, Bahauddin Zakariya University, Multan
Assistant Professor (Forestry & Range Management)	25/01/ 2002	28/02/ 2004	
Lecturer (Forestry and Range Management) (Regular / Permanent)	08/04/ 1992	24/ 01/ 2002	
Lecturer (Part Time) (Forestry and Range Management)	12/9/ 1991	07/04/ 1992	
Total length of service in Bahauddin Zakariya University, Multan; up till 31/12/2023 (31 years- 08 months-23 days) + 6months - 26 days (part time)			

Academic Work Experience

1. Teaching among the subjects of Forestry / Agroforestry, Range Management, Wildlife Management, Watershed Management, Agriculture and Environmental pollution, Crop Ecology, Environmental Science, and Arid Zone Agriculture, Introduction to Preventive Veterinary Medicines, Climate change & Carbon Sequestration, Research Methods in Range and Forest Science to undergraduate / post-graduate classes.
2. Registered Tutor and Supervisor for M.Sc.Forestry, Allama Iqbal Open University.
3. Advisory services rendered to public, farmers, wood producers, manufacturer and users regarding growth, development, and utilization of hardwood species since 1992 - todate.
4. Chairman & Member Board of Studies, Department of Forestry & Range Management, Bahauddin Zakariya University, Multan Since July 2004.
5. Member Academic Council, Bahauddin Zakariya University, Multan Since July 2004.
6. Accredited Supervisor for Ph. D. in Forestry Program approved by Higher Education Commission of Pakistan (HEC) since 2008.
7. Member "National Curriculum Revision Committee" [NCRC}, for the subject of Forestry, constituted by HEC.
8. Member Inter-University Course Curriculum Committee (IUCCC), Constituted under the Directive of Governor of Punjab (Chancellor), Vide No. DFA 1696-1796, Dated 03-03-2004.

Administrative Work Experience

Year/ Time Period	Administrative Position	Institute
2023.09.07 to-date	Vice Chancellor,	University of Layyah, Layyah
2023.10.10 to-date	Chairman, Administrative Committee	Appointed by The Vice Chancellor, to look-after Dean Office, Faculty of Agricultural Sciences & Technology, Bahauddin Zakariya University, Multan
2020/01/02 to 2023/01/01	Chairman,	Department of Forestry & Range Management, Bahauddin Zakariya University, Multan
2014/12/18 to 2015/06/16	Campus Director	Bahauddin Zakariya University, Multan - Sahiwal Campus
2010/12/03 to 2011/12/06	Chairman	Department of Forestry & Range Management, BZU
2019/01/18 to 2021/12/21	Warden	Boys Hostel, Hamza Hall, BZU
2001/12 to 2005/02.	Incharge Arboriculture Wing (Director Estate Management)	Estate Management - Arboriculture Wing of Bahauddin Zakariya University, Multan
2020/ 05/04 to 2021/01/20	Incharge Arboriculture Wing (Forestry)	Estate Management - Arboriculture Wing of Bahauddin Zakariya University, Multan
1992 to date	Non-constitutional positions such as Program Evaluator (NIDM); Coordinator (Evening Programs-BZU); In charge Library, Director Students Affairs; Member National Agricultural Accreditation Council (HEC); Secretary Admission Committee, Chairman Board of Studies, Member Academic Council,	

Other Administrative Assignments

- 2020 - today : Member / Expert Accreditation Committee of Higher Education Commission of Pakistan
- Secretary, Admission Committee, University College of Agriculture, Bahauddin Zakariya University, Multan, since session 2002 - 2006.
- Member Advisory Board / Expert for Evaluation of research articles submitted for publication in different Scientific Journals.
- Technical Expert for evaluation of candidates applying for the Post of Lecturers, Assistant Professor, and Associate Professor in various universities and institutions.
- Member Technical Committee to look after the procurement of accessories under Higher Education Commission Project “**Strengthening and Expansion of Existing IT Infrastructure at the B. Z. University, Multan.**” Constituted by the Vice Chancellor, and notified vide letter No. Acad/65/2005/184, dated 12/01/2005.
- Chairman, Seasonal Plantation Management Committee and In-charge, Seasonal Tree Plantation Campaign, at campus Bahauddin Zakariya University, Multan since 1992- to February 2005.
- Secretary, Research Committee, UCA. University College of Agriculture, Bahauddin Zakariya University, Multan, since May 2002 - 2006. Member, Committee of Advanced Studies, University College of Agriculture, Bahauddin Zakariya University, Multan, since January 2003 to date.
- Member, Committee for the Preparation of PC-I (Phase II) of University College of Agriculture, Bahauddin Zakariya University, Multan since 2002.
- Incharge Nursery and Farmers Training Program under Massive Afforestation Project of Federal Government, Ministry of Environment, sponsored by National Bank of Pakistan. Vide Office Order No.Agr.179, Dated:26 -02-1996.
- Technical member / Secretary – Afforestation and Wildlife Committee, responsible for cruising, identification of problems, pruning recommendations, care, Management Plans etc. for the Forest Plantations in the forest area owned by the University and landscaping of the campus. 1998- February 2005.
- In-charge committee responsible for sale, disposal of timber and procurement of money at Bahauddin Zakariya University, Multan –Pakistan.1998- February 2005.
- Member Committee to “Lookafter and Supervise the Work of Plantation at the University Campus” vide Notification No.Gen./T-3/1475, dated 16.08.1999 till February 2005.
- Member Auction Committee, Bahauddin Zakariya University, Multan from year 2000 to February 2005.
- Elected Member Academic Council, as Lecturer, in Bahauddin Zakariya University, Multan from 08-05-2000 to 24-01-2002.
- Member, Farm Management Committee, Bahauddin Zakariya University, Multan, since 14-01-2002 February 2005. (BZU has an agricultural farm of 400 acres and forest plantations of 200 acres).
- Incharge Library, University College of Agriculture, Bahauddin Zakariya University, Multan, since 31-8-2001 to 2004.
- Member Committee for Selection / Purchase of Books for the Library of University College of Agriculture, Notified vide Letter No. Agri./1460/2005, dated 19.10.2005.
- Director Student Affairs, University College of Agriculture since March 2006.
- Student Advisor (4th Semester Class Advisor).

RESEARCH / Research Interests

Forests Management, Wood Utilization, Agroforestry [Poverty Alleviation for Small Land Holdings], Nursery Operations and Management, Wasteland Rehabilitation, Phytoremediation [Waste Water Recycling, Landfill Management, Sub-grade Soil Improvement, Salinity Control], Environmental Science, Watershed Management, Wildlife and Rangelands Management

PUBLICATIONS OF DR.DIN MUHAMMAD ZAHID		
Year	Research papers published in HEC Recognized Journals [Latest listed First]	Remarks
2024	Khan I, Zahid DM , Zubair M, Manzoor SA, Yasin G, Mohammad MW, Khan KA, Rahman SU and Qin A (2023) Influence of aspect on vegetation dynamics: insights into the understory vegetation diversity of the dry temperate forests of South Waziristan Agency, Pakistan. Front. For. Glob. Change 6:1199601: https://doi.org/10.3389/ffgc.2023.1199601	Foreign Journal - HEC Approved - Impact Factor
2021	Ghulam Yasin, Shafeeq Ur Rahman, M. Talha Bin Yousaf, Muhammad Farooq Azhar, Din Muhammad Zahid , Muhammad Imtiaz, Babar Hussain (2021) Phytoremediation Potential of <i>E. camaldulensis</i> and <i>M. alba</i> for Copper, Cadmium, and Lead Absorption in Urban Areas of Faisalabad City, Pakistan. International Journal of Environmental Research (2021). https://doi.org/10.1007/s41742-021-00330-4 .	Foreign Journal - HEC Approved - Impact Factor
2021	Muhammad Zubair, Akash Jamil, Syed Bilal Hussain, Ahsan Ul Haq, Ahmad Hussain, Din Muhammad Zahid , Abeer Hashem, Abdulaziz A. Alqarawi and Elsayed Fathi Abd Allah (2021) Diversity of Medicinal Plants among Different Tree Canopies. Sustainability 13: 2640. https://doi.org/10.3390/su13052640	Foreign Journal - HEC Approved - Impact Factor
2019	Zubair M, A. Jamil, D. M. Zahid , S. Bilal H., Kashif Aslam and Ahsan ul Haq (2019) Vegetation Resource Inventory of NWFPs in the State of Azad Jammu and Kashmir. Fresenius Environmental Bulletin No.11A /2019: 8591-8600.	Foreign Journal - HEC Approved - Impact Factor
2018	Nick J. CF. Smith, Din Muhammad Zahid , Nanajappa Ashwath, David J. Reid & David J. Midmore (2018): Physiological responses of saplings of rainforest timber species differing in successional group to light regimes and nitrogen, Journal of Sustainable Forestry, DOI: 10.1080/10549811.2018.1447489 .	Foreign Journal - HEC Approved - Impact Factor
2014	Muhammad Zubair, Din Muhammad Zahid , Syed Bilal Hussain, Wasif Nouman, Muhammad Safdar Balouch, Ahmad Hussain, Muhammad Imran Mehmood and Syed Amir Manzoor. Comparative efficacy of HEIS in growing commercially important forest hardwoods. Journal of Food, Agriculture & Environment Vol.12 (2): 886-888. 2014.	Local Journal-HEC Approved -Impact Factor
2011	Muhammad Zubair, Chris Garforth, Syed Bilal Hussain, Din Muhammad Zahid, Mohammad Safdar Baloch, Fazalur Rahman Shah, Inayat Ullah Awan, Muhammad Aman Ullah and Nazim Hussain. 2011. Farm forestry in Pakistan: an application of theory of planned behaviour by probing into the measurement issues. Pak. J. Bot., 43(1): 705-714.	Local Journal-HEC Approved -Impact Factor
2011	Shah, F.R., N. Ahmad, K.R. Masood, D.M. Zahid and M. Zubair. 2011. Response of eucalyptus camaldulensis to exogenous application of cadmium and chromium. Pak. J. Bot., 43(1): 181-189.	Local Journal - ISI listed, HEC Approved (Cat.W) 2009. IF 0.520.
2010	Shah, F.R., N. Ahmad, N., Masood K.R., Joze R. Peralta Vide, and Zahid D.M. and Zubair M. 2010. Response of <i>Eucalyptus camaldulensis</i> to irrigation with Hudaira drain effluent. International Journal of Phytoremediation 12(4):343-357.	Foreign Journal - HEC Approved - Impact Factor [2008 5-Year Impact Factor: 1.652;
2010	Shafqat Saeed, Asad Masood, Asif Sajjad, Din Muhammad Zahid . 2010. Monitoring the Dispersal Potential of Bark Beetle, <i>Hypocryphalus mangiferae</i> Stebbing (Scolytidae: Coleoptera) in Mango Orchards. Pakistan J. Zool., vol. 42(4): 473-479.	Local Journal -HEC Approved - Impact Factor

PUBLICATIONS OF DR.DIN MUHAMMAD ZAHID		
Year	Research papers published in HEC Recognized Journals [Latest listed First]	Remarks
2010	Zahid, D.M. , F. Rehman, and A. Majeed. 2010. Planting <i>Eucalyptus camaldulensis</i> in arid environment - is it useful species under water deficit system!. Pakistan Journal of Botany 42 (3): 1733-1744.	Local Journal-HEC Approved Impact Factor (2008)= 0.470
2010	Shah, F.R., N. Ahmad, S.S. Ahmad, K.R. Masood and D.M. Zahid . 2010. The Hudiara Drain Wastewater Effect on the Distribution of Surrounding Herbaceous Vegetation. Pakistan Journal of Botany 42 (3):1745-1754.	Local Journal-HEC Approved Impact Factor (2008)= 0.470
2009	Zubair, M. Chris Garforth, Zahid, D.M. and Fazal-Ur-Rehman Shah. 2009. Perception of perceived profitability and opting for farm forestry; a development initiative by the farmers. Lucrari Stiintifice, Serial, Volume XI(2): 451-458. http://www.usab-tm.ro/index.php?id=230 [Romania].	Foreign Journal
2009	Shah, F.R., N. Ahmad, S.S. Ahmad, K.R. Masood and D.M. Zahid . 2009. The Hudiara Drain Wastewater Effect on the Distribution of Surrounding Herbaceous Vegetation. Pakistan Journal of Botany 42 (3):1745-1754.	Local Journal - HEC Approved Impact Factor
2008	Smith N.J.C.; Zahid D.M. ; Ashwath N.; Midmore D.J. 2008. Seed Ecology and Successional Status of 27 Tropical Rainforest Cabinet Timber Species from Queensland. Forest Ecology and Management, 256 (2008) 1031–1038.	Foreign Journal- ISI listed, recognized by HEC IF 2.110 noted on 20.07.2009
2008	Shah, F.R., N. Ahmad, K. R. Masood and D.M. Zahid , 2008. The influence of cadmium and chromium on the biomass production of shisham (<i>dalbergia sissoo roxb.</i>) Seedlings. Pakistan Journal of Botany 40(4): 1341-1348, 2008.	Local Journal- ISI listed J. Impact Factor 0.470(2008) [HEC Approved Cat.W]
2007	Zahid D.M. A. Nawaz. 2007. Comparative water use efficiency of <i>Eucalyptus camaldulensis</i> versus <i>Dalbergia sissoo</i> in Pakistan:. International Journal of Agriculture and Biology 9 (4): 540–544.	Local Journal - HEC recognized, ISI listed at S.# 479, of 'I' ISSN: 1560-8530 Cat. Y, noted on 200709.
2006	Nawaz A., D.M. Zahid , M. Qasim and Anwar-Ul-Haq. 2006. Improvement of Roadside Plantation and Public Participation in Faisalabad – Pakistan. Journal of Agriculture and Social Sciences . 1813-2235/2006/02-3-179-181.	Local Journal -On HEC recognized List, S. No. 25 noted on 20/01/2007]
2005	Zahid, D.M. and A. Majeed. 2005. Extent of Dimensional Changes During Staggered Seasoning in Pakistan Grown Eucalyptus wood. Australian Journal of Experimental Agriculture 45(1):121-125.	Foreign Journal - [HEC recognized, ISI Listed IF 0.814]
2004	Nawaz, A., Zahid, D.M. , Qasim M., and Ahmed S. 2004. Socio-Environmental Implications of the Establishment of Roadside Plantation at Jhang Road, Faisalabad. Pakistan Journal of Biological Sciences . Volume 7, No.1:14-16.	Local Journal - [On HEC recognized List S. # 105 (Published before 30/6/2005).noted on 20.01.2010]
2003	Zahid D.M. and M.A.A. Quraishi. 2003. Post-Seasoning Transverse Variation In Quality of Pakistan Farm-Grown <i>Eucalyptus</i> Logs. Pakistan J. of Scientific Research . Volume 55, No.1-2: 36-42.	Local Journal - [On ISI Listed IF 0.814]- On HEC recognized list Cat.Z, S. # 1, Published before 30/6/2005. Accessed on 18.01.2010].
2002	Zahid, D.M. and R.Ahmad. 2002. Effects of age of farm grown Eucalyptus on seasoning quality of wood and its utilization in Pakistan. International Journal of Agriculture and Biology 4 (3): 315 – 317.	Local Journal - [IF 0.814] - On HEC recognized List, ISI listed Published before 30/6/2005. Cat. Y, noted on 20.07.2009
2002	Zahid, D.M. and R.A.Khan. 2002. Determining Appropriate Sizes of Sawn Wood Members to Minimize Dimensional Instability in Eucalyptus Wood. Indus Journal of Plant Sciences,1(4):318-324.	Local Journal - [On ISI Listed IF 0.814]- On HEC recognized List S.# 18 noted on 20/01/2007
2001	Zahid, D.M. , Z.H. Khan and M.A.A. Qureshi. 2001. Chemical modification of farm-grown Eucalyptus wood to reduce seasoning deformities. Journal of Research (Science) 12(1): 7 – 14.	Local Journal - [On ISI Listed IF 0.814] On HEC recognized List S. No.93 noted on 20/01/2007.
1999	Khan, A.A., K.R.Khan, D.M.Zahid and K.M. Sheikh. 1999. Socioeconomic constraints, women, and wetland resources in Pakistan. Pakistan Journal of Ornithology 3(1-2):13-17.	Local Journal -HEC Approved
1998	Khan, D. M. Z. and R. A. Khan. 1998. Current end uses of Eucalyptus in Punjab. The Journal of Animal and Plant Sciences 8 (1-2): 47 - 49.	Local Journal- On HEC recognized list S.#4– Category Z noted on20/07/2009

Articles Published in Popular Press / daily newspapers:	
1.	D.M.Zahid and Masood A.A. Quraishi. Improving the seasoning quality of Eucalyptus wood. (An article published in daily “Business Recorder” dated December 15, 2001).
2.	D.M. Zahid and Masood A.A. Quraishi. Improving the seasoning quality of Eucalyptus wood. (An article published in daily “Dawn” dated 07-01-2002).
Research Reports Submitted to Sponsors.	
Activities and Progress Report for Dr. Din M. Zahid during stay at Central Queensland University, Australia under the Post-doc Fellowship Programme sponsored by HEC.	
Articles on Published online (Websites):	
1.	Din Muhammad Zahid and Masood A.A. Quraishi. Future prospects of eucalyptus wood. Visit Website: http://www.dawn.com/2002/01/07/eb12.htm
2.	Din Muhammad Zahid and Masood A.A. Quraishi. Future prospects of eucalyptus wood. Visit Website: http://www.telmedpak.com/agriculturearticles.asp?a=2582
Theses	
1.	Din Muhammad Zahid Khan. 1991. M. Sc. (Hons.) thesis title, “ <i>Some studies on the current utilization of Eucalyptus in Punjab</i> ”. Department of Forestry, Range Management & Wildlife, University of Agriculture, Faisalabad-Pakistan.
2.	Din Muhammad Zahid Khan. 2001. Ph.D. thesis title, “Improving quality characteristics of farm-grown Eucalyptus wood to promote its utilization”. Department of Forestry, Range Management & Wildlife, University of Agriculture, Faisalabad – Pakistan.

PAPER PRESENTED & PUBLISHED IN REFEREED CONFERENCE PROCEEDINGS		
Year/ Date	Refereed Conference	Title of paper presented
2007 /09/ 27	EcoFizz07 Conference at University of Western Sydney, Sydney-Australia	Smith N.J.C.; Zahid D.M.; Ashwath N. and Midmore D.J. Physiological responses of cabinet timber species to altered solar radiation, spectral quality and added nitrogen in a simulated natural growth environment. Presented in on 27/09/2007.
2008, April 21-24.	Oral Presentation Abstract No.: ICPS-061 [International Conference of Plant Scientists] held at University of Agriculture, Faisalabad	Shah, F.R., N. Ahmad, K. R. Masood and D.M. Zahid, 2008. The influence of cadmium and chromium on the biomass production of shisham (<i>dalbergia sissoo roxb.</i>) Seedlings. dated
2009, August, 23-28.	Presented in The 2nd World Congress on Agroforestry. United Nations Complex in Nairobi. Kenya.	Zubair, M. Chris Garforth, and Zahid, D.M. 2009. Farm level tree planting in Pakistan. The moderating role of past behaviour in predicting intentions.
2009, August, 23-28.	Presented in The 2nd World Congress on Agroforestry; United Nations Complex in Nairobi. Kenya.	Zubair, M. Chris Garforth, and Zahid, D.M. 2009. Perceived profitability and adoption of farm forestry in Pakistan; Prediction from a logistic regression model in explaining intentions to opt for farm-level tree planting.
2009, May 14	International Scientific Symposium on Management of Durable Rural Development; Timisoara, Belgium	Zubair, M. Chris Garforth, Zahid, D.M. and Fazal-Ur-Rehman. 2009. Perception of perceived profitability and opting for farm forestry; a development initiative by the farmers.
2009, October, 12 to 13,	PMAS-University of Arid Agriculture Rawalpindi.	M. Zubair, D.M. Zahid 2009. Agroforestry: A win-win solution for ensuring food security, livelihood and climate mitigation. Presented in International Workshop on ‘Plant Conservation and Reversing Desertification: A Way Forward’

PAPER PRESENTED & PUBLISHED IN NON-REFEREED CONFERENCE PROCEEDINGS		
Year/ Date	Non-Refereed Conference	Title of paper presented
2011, July 25-26	Organized by Department of Forestry, Range & Wildlife Management, University of Agriculture, Faisalabad. Venue: Old Senate Hall, UAF	Oral Presentation “Carbon Sequestration under Different Agroforestry Systems” in Two-days National Forestry Conference on “Forestry & Climate Change”: Golden Jubilee Celebrations - UAF.
2010, December 6-8.	Organized by National Centre of Excellence in Geology, University of Peshawar. Sponsored by HEC & US Department of Agriculture. Venue: Pak. Academy of Sciences, Islamabad.	Oral Presentation “A brief review of watershed and hill torrent management in DG Khan Region, Suleman range: Water use efficiency of local tree species in arid climate”. Presented in three day International Planning Workshop, “WATERSHED MANAGEMENT & LAND REHABILITATION, NW FRONTIER REGION, PAKISTAN”

PROJECTS UNDERTAKEN/ RESEARCH GRANTS			
Date of Award/ Duration	Title of the Project	Sponsored By	Remarks
1995-1997	Massive Afforestation Programme (a national project of Ministry of Environment, Pakistan)	National Bank of Pakistan	Completed: Incharge of the programme component completed at Bahauddin Zakariya University, Multan
1998- 2001	Promoting Utilization of farm grown Eucalyptus wood through studies on timber quality. Program title: Value addition of farm-grown <i>Eucalyptus camaldulensis</i> Dehn.	Punjab Agricultural Research Board	Completed: Worked as Ph.D. Scholar, under the Supervision of Prof. Dr. Masood A. A. Quraishi (PI) at University of Agriculture, Faisalabad-Pakistan
2003-2004	Comparison of irrigation requirements and water-use efficiency of five different hardwood species seedlings in arid climate of Pakistan: species × environment interactions	Bahauddin Zakariya University, Multan	Completed: The research work on the project is complete and Two Research papers have been published, one in IJAB and other in Pakistan J. Bot.
2005-2007	Effect of Mixed Industrial Waste Water on Soil, Tree Biomass Production and Trace Metal Uptake	Higher Education Commission of Pakistan & The University of Punjab, Lahore	Completed: Collaborative study by Fazal-ur-Rehman Shah, Naseer Ahamad, Khan Raas Masood and Zahid D.M.
2007	Phytocapping of Landfill Area in Rockhampton – Queensland, Australia	Rockhampton City Council	Completed: Collaborative study David Midmore, Nanjappa Ashwath, Kartik Venkatraman and Zahid D.M.
2007	Recycling of municipal effluent under different agroforestry system	Yeppoon City Council	Completed: Collaborative study by Zahid D.M., David Midmore, and Nanjappa Ashwath
2007	Some Physiological studies of <i>Eucalyptus tereticornis</i> under different salinity conditions	Central Queensland University	Completed: Collaborative study Zahid D.M., David Midmore, Nanjappa Ashwath, and Kim Bedwell
2018-2019	Assessment of Causes and effects of decline in Chilgoza (<i>Pinus gerardiana</i>) plantation in South Waziristan Agency - KPK and Possible Management Strategies	Bahauddin Zakariya University, Multan	Completed; one student completed MSc. Under my supervision

Students Supervised

Date of completion / Session	Name of Scholar Supervised	Title	Remarks
M.Sc. (Hons.) Agri. / M. Phill/ MS-Forestry			
2017-19	Imran Khan	Assessment of Causes and Effects of Declining Chilgoza (<i>Pinus gerardiana</i>) Plantation in South Waziristan Agency KPK and Possible Management Strategies	Completed
2018-20	Hafiz Sajid Mehmood	Introducing Quality standards and Coding System of Forest Product Manufacturing Industry in Pakistan	Completed
2020-22	Nazish Iftikhar	Prospective, Potential and Strategies to Introduce Carbon Credit Scheme for Enhancement of Forest Cover in Southern Punjab, Pakistan	Completed
2020	Natasha Manzoor	Optimum Germination Requirements of Albizzia Tree Seeds in Arid Climate	Current-Enrolled
2020-22	Maha Maya	Study of Efficacy of Imbibing Agents for Early Growth of New Plantation Under Dryland Forestry	Completed
2021	Haider Karrar	A Critical Study on Forestry Research Trends in Punjab	Current-Enrolled
2022	Lal Jan		Current-Enrolled
2022	Faizullah	Recycling of Kitchen Green Waste into Compost (Waste into Wealth)	Current-Enrolled
M. Usama; M. Ibrar; Hamid Saeed; Arslan Hafeez; Danial Shafiq; could not complete their degrees due to poor performance and lack of interest and attendance			
Ph. D.			
2004-15/02/2010	Fazal-ur-Rehman Shah	Effects of industrial effluents on soil and growth of some tree species	Completed
2020	Jamila Naz	Socio-Economic Assessment and Feasibility of Establishing Nurseries of <i>Albizia</i> Species for Economic Development of Rural Families	Current -enrolled

MEMBERSHIP

1. Life Time Member Agricultural Foundation of Pakistan (H.O. ZBTL Staff College, Muree Road, Islamabad) , since 27.09.2005.
2. Individual Member of Pakistan Lawyers.ORG. Membership No. 1210; vide Ref: M-1210/OR/2008 Dated: 12th December 2008.
3. REDD+ Associate (Pakistan Chapter); membership granted on 26/07/2011
4. Member “The Innovation Explorers” an Elsevier online Community of 300 researchers from various subject disciplines who act as advisors to Elsevier for the purpose of greater innovation and collaboration. Since 29 May 2009.

AWARDS:

1. “HUSN-E-KARKARDAGI (The Best Performance) AWARD”, from The Vice Chancellor, Bahauddin Zakariya University, Multan , for the year 2003, as Incharge Arboriculture Wing.
2. A “LETTER OF APPRECIATION” from The Vice Chancellor, Bahauddin Zakariya University, Multan for good handling of labour.
3. Postdoc Fellowship in Central Queensland University Australia, & Certificate of Appreciation for a period of one year 26th February 2007 to February 19, 2008.
4. Research Publications Incentive Award for year 2008, granted by Bahauddin Zakariya University, Multan.
5. Certificate of Appreciation from Standing Committee on Climate Change, National Assembly of Pakistan.

USE OF ADVANCED TECHNOLOGY AND COMPUTER SKILL

I have a sound knowledge and skill of use of

Technology	Uses
Atomic absorption spectrophotometer	Chemical Analysis of mineral elements and other tests
EndNote Library	Software for Searching, editing, inserting, importing references
FIBOX 3 (Fiberoptic Oxygen meter) PreSensing – Precision Sensing GmbH – Germany (www.presens.de)	To measure the dissolved oxygen in water and soil
High Performance Liquid Chromatography (HPLC)	Separation of different materials from organic / inorganic compounds, determine the concentration of various elements
Infra Red Gas Analyser (IRGA)	To measure various leaf functions such as gas exchanges, transpiration, photosynthesis, stomatal conductance, irradiance, in plants
Micro-gophers	To measure moisture contents in soil profile at various depths.
Minitab, SPSS, MS Excel; Genstat MS Power point, MS Publisher Paints and other composing work and Window based many other programs, MS Word; Inpage, etc.	Data tabulation and analysis, preparing presentation, charts, figures and diagrams, 3D images, etc. All computer related works, composing, preparing presentation, references, and spreadsheets.
MS Outlook, Netscape, Internet Explorer	Internet Surfing / Browsing; emails
Piezometer	To measure ground water Table depth
Quantum Sensor	To measure photosynthetic photon flux density ($\text{mmol s}^{-1}\text{m}^{-2}$)
Scanning Electron Microscopy (SEM), at Central Queensland University, Gladstone	

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