

# Dr. Muhammad Asif

(HEC Approved Supervisor)



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## CV Details

<b>CV Title</b>	Specialisation in Silviculture, Forest Management, and Forest Economics.
<b>Career Level</b>	Entry Level
<b>NIC</b>	35202-3054546-7
<b>Gender</b>	Male
<b>Date of Birth</b>	27-10-1981

## Objective

To Understand the effect of soil compaction on nutrient uptake of major agro-forest trees of Central Punjab

## Education

Level	Program	Field of Study	Board / University / Institute	Country	Year of Passing	Division
Doctorate	Ph.D.	Forestry	University of Agriculture, Faisalabad	Pakistan	2019	1 <sup>st</sup>
Master (H) 16+	M.Sc. (Hons.)	Forestry	University of Agriculture, Faisalabad	Pakistan	2008	1 <sup>st</sup>
Bachelor's Degree	B.Sc. (Hons.)	Forestry	University of Agriculture, Faisalabad	Pakistan	2004	1 <sup>st</sup>
Bachelor's Degree	B.Sc.	Forestry	Pakistan Forest Institute, Peshawar	Pakistan	2006	1 <sup>st</sup>
Higher Secondary School Certificate	Intermediate	Science (Pre-medical)	BISE, Lahore	Pakistan	1999	1 <sup>st</sup>
Secondary School Certificate	Matric	Science	BISE, Lahore	Pakistan	1997	1 <sup>st</sup>

## Publications/ conferences/Workshops

### Research Publications

1. **Asif, M.**, M.T. Siddiqui, I. Ahmad, M.F. Nawaz and M. Kashif. 2014. Economic appraisal of Changa Manga Irrigated forest plantation. Pakistan journal of agricultural sciences; 51(3):545-548. **(IF=0.667)**
2. Ayyaz, F., K. Anjum, I. Qadir, W. Nouman, S. Afzal, and **M. Asif**. 2014. Best economic rotation of farm trees. Journal of agricultural research; 52(4):569-579. **(HEC recognized)**
3. Nawaz, M.F., S. Gul, T.H. Farooq, M.T. Siddiqui, **M. Asif**, I. Ahmad, and N.K. Niazi. 2016. Assessing the actual status and farmer's attitude towards agroforestry in Chiniot, Pakistan. International journal of biological, biomolecular, agricultural, food and biotechnological engineering; 10(8):443-447. **(HEC recognized)**

4. Ahmad, I., M. Atiq, S. Gul, A. Hannan, M.T. Siddiqui, M.F. Nawaz, **M. Asif**, and S. Ahmed. 2016. Dieback disease predictive model for sexually and asexually propagated *Dalbergia sissoo* (Shisham). Pakistan journal of botany; 48(4):1645-1650. (IF=0.75)
5. Nawaz, M.F., K. Mazhar, S. Gul, I. Ahmad, G. Yasin, **M. Asif** and M.A. Tanvir. 2017. Comparing the early stage carbon sequestration rates and effects on soil physico-chemical properties after two years of planting agroforestry trees. Journal of basic & applied sciences. 13: 527-533. (HEC recognized)
6. Ahmad, I., A. Hannan, S. Ahmad, **M. Asif**, M.F. Nawaz, M.A. Tanvir, and M.F. Azhar. 2017. Fungi Associated with Decline of Kikar (*Acacia nilotica*) and Red River Gum (*Eucalyptus camaldulensis*) in Faisalabad. International Journal of biological, biomolecular, agricultural, food and biotechnological engineering; 11(2): 171-174. (HEC recognized)
7. Nawaz, M.F., M.T.B. Yousaf, G. Yasin, S. Gul, I. Ahmed, M. Abdullah, M. Rafay, M.A. Tanvir, **M. Asif**, and S. Afzal. 2018. Agroforestry status and its role to sequester atmospheric CO<sub>2</sub> under semi-arid climatic conditions in Pakistan. Applied ecology and environmental research; 16(1):645-661. (IF=0.721)
8. Yousaf, M.S., T.H. Farooq, I. Ahmad, M.M. Gilani, M.H. Rashid, N.P. Gautam, W. Islam, **M. Asif**, and P. Wu. 2018. Effect of drought stress on the growth and morphological traits of *Eucalyptus camaldulensis* and *Eucalyptus citriodora*. PSM Biological research; 3(3) 85-91. (HEC recognized)
9. Hussain, M., M.F. Nawaz, **M. Asif**, I. Ahmad, S. Gul, F. Rasool and G. Yasin. 2019. Soil compaction in agroforestry systems can affect the early stage growth of farm trees like *Vachellia nilotica*. FUJAST Journal of biology; 9(1): 9-14. (HEC recognized)
10. Saqib, H.M.U., I. Ahmad, M.H.U. Rashid, T.H. Farooqi, M. Asif, M. Kashif, A. Iqbal, and M.F. Nawaz. 2019. Effect of compost application on the growth of *Acacia nilotica*. Cercetări agronomice în moldova. 1 (177): 66-73. (HEC recognized)
11. Ahmad, I., M. Atiq, M.F. Nawaz, S. Ahmad, **M. Asif**, S. Gul, M.A. Tanvir, M. Abdullah, M.F. Azhar, and N.A. Rajput. 2019. Prediction of dieback disease of *Dalbergia sissoo* (Shisham) based upon environmental factors and tree age. Applied ecology and environmental research; 17(3): 6483-6495. (IF=0.721)
12. Rashid, M.H.U., **M. Asif**, T.H. Farooq, N.P. Gautam, M.F. Nawaz, I. Ahmad, M.M. Gilani and P. Wu. 2019. Cuttings growth response of *Dalbergia sissoo* (Shisham) to soil compaction stress. Applied ecology and environmental research; 17(1):1049-1059. (IF=0.721)
13. Rashid, M.H.U., T.H. Farooq, I. Iqbal, **M. Asif**, W. Islam, D.C.Lin, I. Ahmad, and P. Wu. 2020. Role of Indole Acetic Acid on growth and biomass production of Athel tree (*Tamarix aphylla*) by using different cutting lengths. Applied ecology and environmental research; 18(3):3805-3816. (IF=0.721)
14. **Asif, M.**, M.F. Nawaz, M.T. Siddiqui, and M. Maqsood. 2020. Effect of induced soil compaction on eco-morphological traits of *Bombax ceiba* Stumps. . Pakistan journal of agricultural sciences; 57(3): 815-822. (IF=0.67)
15. Nawaz, M. F., R. Fatima, S. Gul, B. Rana, I. Ahmad, J. Naseer, S. Afzal, G. Yasin, **M. Asif**, S.H. Khan, and M. Altaf. 2021. Study of human knowledge and attitude toward urban birds in Faisalabad city, Pakistan. Brazilian Journal of Biology. <https://doi.org/10.1590/1519-6984.249229>. (IF=1.36)
16. Ahmad, I., B. Jabeen, M.F. Nawaz, **M. Asif**, M.H. Rashid, M. Hussain, T.H. Farooq, S. Ahmed, and M. Rafiq. 2022. Influence of salinity on the morphological behavior and ionic response of different commercially important bamboo species. Fresenius Environmental Bulletin. 31(01): 668-676. (IF=0.489)
17. Ahmad, I., M.H. Rashid, S. Nawaz, **M. Asif**, T.H. Farooq, Z. Shahbaz, and M. Shaheen. 2022. Effect of different compost concentrations on the growth yield of *Bombax ceiba* (Simal). Natural Resources for Human Health, 2(2): 222-227. <https://doi.org/10.53365/nrfhh/144578>. (HEC Recognized)
18. Jahanzaib, Muhammad Sohail Saddiq, Shahzad M. A. Basra, Muhammad Farrakh Nawaz, Shahid Iqbal, Shahbaz Khan, Muhammad Idrees Faisal, Muhammad Asif & Muhammad Bilal Hafeez. 2022. Inorganic NPK supplementation improves biomass and quality of multicut moringa fodder. Journal of Plant Nutrition. <https://doi.org/10.1080/01904167.2022.2144371>. (IF=2.36)
19. Shahbaz, Z., M. Asif, M. Atiq, I. Ahmad, P. Wu, S. Hafeez, M. Sohail, M. Hussain and M.H.U. Rashid. 2023. Antifungal Potential of Synthetic Chemicals and Phytoextracts towards Leaf Spot of *Pongamia pinnata*. Journal of Xi'an Shiyou University, Natural Science Edition. 19(05): 286-291 (IF=0.38)
20. Khan, R., S. Yousaf, M. Asif, S. Muhammad, M.A. Khattak, I. Bashir, and G. Murtaza. 2023. Growth response of *Tamarix Aphylla* in relation to water use efficiency. Journal of Xi'an Shiyou University, Natural Science Edition. 66(04): 206-223 (IF=0.38)
21. Khan, M., Ahmad, I., Atiq, M., Asif, M., Rashid, M. H. U., Ahmad, S., ... & Adil, Z. (2023). Comparative assessment of various antibiotics for controlling bacterial blight in *Eucalyptus camaldulensis*. Plant Protection, 7(2), 311-319
22. Asif, M., M. F. Nawaz, I. Ahmad, M. H. U. Rashid, T. H. Farooq, M. Kashif, S. Gul and Q. Li. 2023. Detrimental effects of induced soil compaction on Morphological adaptation and physiological plasticity of selected multipurpose tree species. Plants MDPI. Plants 2023, 12, 2468. <https://doi.org/10.3390/plants12132468> (IF=4.658)
23. N., Abdul, M. I. Khan, M. Asif, M. F. Nawaz and I. Ahmad. 2023. Farmyard manure enhances phytoremediation and mitigates pb, cd, and drought stress in ryegrass. Sustainability MDPI. Sustainability 2023, 15, 15319. <https://doi.org/10.3390/su152115319> (IF=4.0)
24. Ahmad, I., Mazhar, K., Atiq, M., Khalaf, A. K., Rashid, M. H. U\*, **Asif, M.**, ... & Al-Otaibi, H. S. 2024. Epidemiology and management of Fusarium wilt of *Eucalyptus camaldulensis* through systemic acquired resistance. PeerJ, 12, e17022

## Abstracts

1. Hussain, M., M.F. Nawaz, **M. Asif**, and F. Rasool. 2016. Growth response of *Vachellia nilotica* against soil compaction. International conference on forestry and environment: challenges and prospects" November 21-22. 2016
2. Anjum, M.Z., I. Ahmad, G. Yasin, **M. Asif**, and T. Aziz. 2016. Long term effect of *Dalbergia sissoo* and *Eucalyptus camaldulensis* on soil physico-chemical properties. International conference on forestry and environment: challenges and prospects" November 21-22. 2016
3. Arif, S., G. Yasin, M.F. Nawaz, I. Ahmad, **M. Asif**, and M.A. Khan. 2016. Assessment of actual carbon stocks and potential of carbon sequestration in farm trees in District Chiniot. International conference on forestry and environment: challenges and prospects" November 21-22. 2016
4. Ahmad, I., B. Jabeen, M.F. Nawaz, **M. Asif**, T. Aziz, and A. Habib. 2016. Effect of various salinity levels on the growth of different Bamboo Species. International conference on forestry and environment: challenges and prospects" November 21-22. 2016

5. Anjum, M., Z. I. Ahmad, G. Yasin, M. Asif and Tariq Aziz. 2016. Long term effect of *Dalbergia sissoo* and *Eucalyptus camaldulensis* on soil physico-chemical properties. International conference on forestry and environment: Challenges and prospects, 21-22 November, Faisalabad, Pakistan.
6. Ahmad, I., A. Hannan, S. Ahmad, M. Asif, M. F. Nawaz, M. A. Tanvir, and M. F. Azhar. 2017. Fungi associated with decline of *Acacia nilotica* and *Eucalyptus camaldulensis* in Faisalabad. ICASQS 2017: International conference on agroforestry and soil quality improvement, 16-17 February, 2017, London, U.K
7. Hussain, M., M.F. Nawaz, M. Asif, I. Ahmad, S. Gul, F. Ejaz and F. Rasool. 2018. Growth response of *Vachellia nilotica* (L.) against soil compaction. 1st International conference on soil and crop health in changing climate. MNS, University of Agriculture, Multan, November 28-29, 2018.
8. Khan, R., **M. Asif**, I. Ahmad, A. Haq, F. Rasheed, R.A. Sabir, Z. Zafar, and G. Murtaza. 2018. Growth response of *Tamarix aphylla* as affected by soil moisture contents. 1<sup>st</sup> international conference on "Soil and crop health in changing climate, November 28-29, 2018
9. Khan, R., **M. Asif**, I. Ahmad, R.M.S. Shareef, G. Murtaza and M.W. Iqbal. 2018. Growth response of *Tamarix aphylla* in relation to water use efficiency. 1st International and 2nd National conference on "Challenges and opportunities to boost agriculture in changing climate" College of Agriculture, BZU, Bahadur-Campus Layyah, Pakistan.
10. Bilal, M., M.F. Nawaz, **M. Asif**, M. Atiq, A. Habib, M. Shaheen, F. Rasool, Z. Adil and Irfan Ahmad. 2021. Assessment of various fungal diseases in forest nurseries at different location of Faisalabad. 7th International Conference of Pakistan Phytopathological Society November 21-23.
11. Ahmad, I., M.F. Nawaz, **M. Asif**, and M. Hussain. 2021. Assessment of atmospheric quality and perception of urban female community in reclamation to urban trees in Faisalabad city. International Horticulture e-Conference, 22-23 February, 2021
12. Ahmad, I., M.F. Nawaz, **M. Asif**, F. Rasool and M. Hussain. 2021. Perception of rural communities in the promotion of social forestry to cope with climate change and wood shortage in industrial areas of Faisalabad. IUFRO, Small Scale Forestry Conference, Kilkenny, Ireland (Virtual), 9-11 February, 2021.
13. Ahmad, I., M.F. Nawaz, **M. Asif**, F. Rasool and M. Hussain. 2021. Growth comparison of *Zizyphus mauritiana* and *Syzygium cumini* against induced NaCl salinity. China Pakistan tropical arid Non-wood Forest science and technology exchange activity" held in Changsha City, Hunan Province and Gwadar Port, Balochistan province simultaneously, 25-27 October, 2021.

### Book Chapter

1. **Asif, M.**, M.T. Siddiqui, and S.H. Dogar. 2017. Textbook of Applied Forestry. ISBN 978-969-8237-93-6. University of Agriculture, Faisalabad, Pakistan 103-118.
2. Muhammad Asif, Muhammad Haroon U Rashid, Muhammad Farrakh Nawaz. 2021. Impact of induced soil compaction on the early stage morpho-physiological attributes of agro-forest tree *Zizyphus mauritiana*. Studies on Genus *Zizyphus* Mill in Sub-tropical Region. China Forestry Publishing House.
3. Irfan Ahmad, Mudassar Husain, Muhammad Asif. 2021. Growth comparison of *Zizyphus mauritiana* and *Syzygium cumini* against induced NaCl salinity. Studies on Genus *Zizyphus* Mill in Sub-tropical Region. China Forestry Publishing House.
4. Loutfy El-Juhany, Irfan Ahmad, Mirza Barjees Baig, Muhammad Farrakh Nawaz, **Muhammad Asif**, Muhammad Haroon U. Rashid & Mehak Shaheen. 2022. The Food Security, Biodiversity, and Climate Nexus. 287-308. [https://link.springer.com/chapter/10.1007/978-3-031-12586-7\\_15](https://link.springer.com/chapter/10.1007/978-3-031-12586-7_15)
5. Sohail, M., Riaz, S., Rashid, M. H., Khan, H., Ahmad, I., Asif, M., & Sahar, R. (2024). Forestry Holistic Education: A Comparative Study of Worldwide Forestry Education and Its Beneficiaries. In F. Al Hussein & A. Munna (Eds.), *Revitalizing the Learning Ecosystem for Modern Students* (pp. 168-190). IGI Global. <https://doi.org/10.4018/979-8-3693-4103-2.ch009>

### Workshops/Seminars

1. Consultative workshop on draft rules for industrial plantations in Punjab, June 08, 2011, Hospitality Inn Lahore, by Punjab Forestry Research Institute Gatwala, Faisalabad
2. One day training on climate change and REDD<sup>+</sup> in Punjab, June 07, 2011, Hospitality Inn Lahore, by , by Punjab Forestry Research Institute Gatwala, Faisalabad
3. Workshop on strengthening extension skills of young professionals in Afghanistan and Pakistan, from 30 April to May 2012, University of Agriculture, Faisalabad
4. One day training workshop on rearing and bioassay techniques for army worms, February 24, 2012, Department of Agri Entomology, University of Agriculture, Faisalabad.
5. Workshop on "Statistical methods for forestry research by using SPSS" February 24-29, 2012, Department of Mathematics and Statistics, University of Agriculture, Faisalabad
6. Workshop on "Learning by doing: Tool & Techniques for working as a team" May 2-7, 2013, Office of the Senior Tutor, University of Agriculture, Faisalabad.
7. Three days AIT Cascading workshop on "Ensuring Training Effectiveness" August 20-22, 2013, organised by Learning Innovation Division ( HEC) and Department of Pathology, University of Agriculture, Faisalabad
8. International seminar on " Global Change & Pakistan Perspective" Climate, water and agriculture nexus: a futuristic approach to fight hunger, September 16, 2014, University of Agriculture Faisalabad
9. Consortium Advisory Group (CAG) meeting of Leveraging Agriculture for Nutrition in South Asia( LANSAs), 17<sup>th</sup>-18<sup>th</sup> Aug, 2014 at University of Agriculture, Faisalabad.
10. International Conference on Forestry and Environment: Challenges and Prospects organized as member of the arrangement committee in Old Senate Hall, November 21-22, 2016
11. Conducted training as **Resource Person** in training entitled "**Fruit tree value assessment**" organized by Institute of Horticultural Sciences, University of Agriculture, Faisalabad. May, 2018.

12. Seminar: Sarsabzo Shadab Programme of Pakistan Army organized as a Resource Person in Kharian Cantonment Auditorium July: 04, 2019.
13. Conducted training as **Resource Person** in training entitled “**Mandatory pre-promotion training course from Divisional Forest Officer (BS-18) to Conservator of Forests (BS-19) 1<sup>st</sup> batch 2021, held 25-01-2021 to 10-04-2021**”, at Forest Services Academy Ghora Galli Murree, Government of Punjab.
14. “Citrus Exhibition, 13-14, December, 2021” organized by Institute of Horticultural Sciences, University of Agriculture, Faisalabad.
15. One day seminar on “Plant for Pakistan; Plant for Prosperity” held on August 18, 2022, organized by Department of Forestry and Range Management, University of Agriculture, Faisalabad along with Green Youth Movement, UAF
16. One day seminar on “Forests and sustainable production and consumption” held on March 21, 2022, organized by Department of Forestry and Range Management, University of Agriculture, Faisalabad
17. “Citrus Exhibition” held on 13-14 December, 2021, organized by Institute of Horticultural Sciences, University of Agriculture, Faisalabad.
18. Field Seminar for Celebrating International Day of Forests at PAROKA-II Farm, organized by Department of Forestry and Range Management, University of Agriculture, Faisalabad along with Green Youth Movement, UAF, on 21st March 2024

### Conferences

1. 7<sup>th</sup> international conference of Pakistan Phytopathological Society “Phytopathology: Current scenario and future prospectus” by Department of plant pathology, University of Agriculture, Faisalabad on November 21-23, 2021.
2. International Entomological Congress (One exclusive day on current scenario and management of pink ball worm) organized by Pakistan Entomological Society and Department of Entomology, University of Agriculture, Faisalabad on December 16-18, 2016.
3. Third China-Pakistan Tropical Arid Non-wood Forest Science and technology Exchange Conference November 26-28, 2023

### Common Urdu Articles

1. Nawaz, M.F., M.A. Tanvir, I. Ahmad, and **M. Asif**. 2013. Safaiday ki Kasht aur fawaeed (Cultivation and benefits of River Red Gum Tree). Zaari Digest; March 2013: 34.
2. Nawaz, M.F., M.A. Shahzad, I. Ahmad, and **M. Asif**. 2016. Bakain Ki Kasht aur fawaeed (Cultivation of Bakain Tree). Zaari Digest; March 2016: 39.
3. Nawaz, M.F., A. Iqbal, I. Ahmad and **M. Asif**. 2016. Saim-zadah Zaminon mein darakhton ko darpaish masaeel (Expected problems for trees in waterlogged soils). Zaari Digest; July 2016: 53.
4. Ahmad, I., M.F. Nawaz, **M. Asif**, and M.S. Yousaf. 2017. Masial zada arazi ki aslah bazria farmi shajakari” (Reclamation of problematic soils through agroforestry). Urdu brochure, Published by Endowment Fund Secretariat, UAF.
5. Ahmad, I., M.F. Nawaz, **M. Asif**, and M. Hussain. 2018. Mosamyati tabdeeliyon me social forestry ka kirdar (Role of social forestry in climate change). Zaari Digest; April 2018: 44.
6. Ahmad, I., M.F. Nawaz and **M. Asif**. 2018. Mausmiati taghayaro tabaddul, hamari zarooriyat aur social forestry” (Climate change, our requirements and social forestry). Urdu Brochure, Funded by HEC, Pakistan, SIOP Project
7. **Asif, M., M.F. Nawaz**, M.T. Siddiqui, and M. Ahmad. 2020. Sakht zameeno ke farmi ashjar par asraat. Zaari Digest; April 2018: 44.
8. Ahmad, I., M.F. Nawaz and **M. Asif**, and M.S. Yousaf. 2021 Masial zada arazi ki aslah bazria farmi shajakari. Zarai Digest, July-September, 2021.
9. Munir, A. T., I. Ahmad, M.F. Nawaz, **M. Asif**, M. T. Rafiq. 2022. Darakhton aur faslon ki afzaysh mein maknateesi kharey pani ka istamal; ek inqilaabi qadam. Zarai Digest, Jan-March, 2022.

### Research Projects

#### **As Team Member :**

1. Quantification of agro-forestry services and increment in agroforestry area in Khushab district through participatory approach (2.292 Million PKR for 3 years). Funded by Endowment fund UAF, Faisalabad. (Completed)
2. Exploring the effects of soil compaction on the growth of major agroforest trees of central Punjab in Pakistan (11000 USD for 19 Months). Funded by IFS Sweden. (Completed)
3. Quantification of agro-forestry services and increment in agroforestry area in Khushab district through participatory approach” (2.292 million Rs) Endowment Fund Funded. (Completed)
4. Uplifting the socio-economic conditions of farming communities by promoting forestry/agroforestry on problematic on problematic soils in Faisalabad and adjoining districts. (1.896 million Rs.) Endowment Fund Funded. (Completed)

5. Promotion of social forestry in rural areas of Faisalabad to co-op with climate change and wood shortage. (0.920 million Rs.) HEC funded. (Completed)
6. Quantification of urban trees services and assessment of growth hazards to important urban forestry tree species in Faisalabad city. (3.514578 Million PKR for 3 year). Funded by Higher Education Commission (HEC), Pakistan under NRPU program. **(Completed)**
7. Assessment of actual carbon stocks and potentials of carbon sequestration in agroforestry under semi-arid climate of Punjab. (4.105 Million PKR for 3 year). Funded by Higher Education Commission (HEC), Pakistan under NRPU program. **(Completed)**

### Supervision of Research Students

Degree	Under Supervision	Supervised	As member
<b>M.Sc. (Hons.)</b>	03	30	22
<b>M.Sc. or équivalent</b>	N/A	03	N/A
<b>Ph. D.</b>	02	01	03

### Acheivments/Distinctions

1. Grant of an honorarium by Government of Punjab while working as Range Forest Officer at Jallo Forest Park Lahore, on account of special duties performed, vide letter No. B&A/Bud/B-1111/1758-60, dated; 19-03-2009.
2. Certificate of appreciation for significant contribution in "Rabi Festival 2013", 24-27 October 2013, organised by University of Agriculture, Faisalabad
3. Certificate of appreciation for significant contribution in "Spring Festival 2013", 26-31 March 2013, organised by University of Agriculture, Faisalabad
4. Certificate of honour for outstanding contribution on "Pakistan day celebrations March 23, 2015.
5. Grant of remuneration by University of Agriculture, Faisalabad, on account of excellence performance in experimental area of Department of Forestry, vide letter No. A-4/172/45431, dated; 01-12-2016.
6. Certificate of honour on participation in one day seminar on Agro-forestry on problematic soils in Faisalabad and adjoining districts, organized by Department of Forestry and Range Management, University of Agriculture, Faisalabad, held on March 28<sup>th</sup>, 2019.
7. Certificate of honour on participation in one day seminar on "International Day of Forests, organized by Department of Forestry and Range Management, University of Agriculture, Faisalabad, held on March 21<sup>st</sup>, 2019.
8. Certificate of appreciation for contributing in the "First China-Pakistan tropical arid, non wood forest science and technology exchange event" by Indus University, 26-27<sup>th</sup> October, 2021.

### **Professional Training/Certification**

Certificate Title	Field of Study	Duration	Institute
Agricultural Services	Professional skills development in the field of agriculture	2.5 months	Egyptian Internatinal Centre for Agriculture, Egypt
22 <sup>nd</sup> Master Trainer-Faculty Professional Development Program (MT-FPDP)	Professional skills development	2 months	Higher Education Commission Islamabad, Pakistan
Indigenous on Campus training (IOT)	Professional skills development	One week	University of Agriculture, Faisalabad
The National Cadet Corps (NCC)	Certificate of Service	40 days	National Cadet Corps, Pak Army
Forest Course	Forest buildings, roads bridges construction and their demolition	2 Week	Military College of Engineering, Risalpur

### **Work/Administrative Experience**

Job Title	Employer	Job Period	More info
Internship	Government of Punjab, Forestry, Wildlife & Fisheries Department	May, 2004 to July, 2004	6 weeks of internship at Murree Forest Division, Murree and got training in Mensuration Techniques, Sampling techniques of forests, management of reserved forests, forest species identification and various forest types
Range Forest Officer Ravi Park Range	Government of Punjab, Forestry, Wildlife & Fisheries Department	Approximately one year	Job description included Management of linear , compact plantation along with Bela Forests, Park Development & Management
Range Forest Officer Silvicultural Research Range, Changa Manga	Government of Punjab, Forestry, Wildlife & Fisheries Department	Approximately 1.5 years	Job description included Forest nursery establishment, Management of arboretum, establishing test plantations.
Range Forest Officer Silvicultural Research Range, Daphar Plantation	Government of Punjab, Forestry, Wildlife & Fisheries Department	Approximately 1.5 years	Performed additional duties as RFO and Job description included Forest nursery establishment, Management of arboretum, establishing test plantations
Divisional Raid Incharge	Government of Punjab, Forestry, Wildlife & Fisheries Department	Approximately 1.5 years	Performed additional duties as divisional raid party incharge
Lecturer	University of Agriculture, Faisalabad	Since 14-09-2011 to date	Research and Teaching
Reviewer, Pakistan Journal of Agricultural Sciences	University of Agriculture, Faisalabad	Since 14-09-2011 to date	Reviewed research articles
Co-Tutor (Rashid Minhas Shahid-1)	University of Agriculture, Faisalabad	2011-2017	Performing additional duties as co-tutor of Rashid Minhas Shahid -1 group to explore and polish the co/ extracurricular activities of the students
Tutor (Rashid Minhas Shahid-1)	University of Agriculture, Faisalabad	Since 2017 to date	Performing additional duties as co-tutor of Rashid Minhas Shahid -1 group to explore and polish the co/ extracurricular activities of the students
Assistant Superintendent (Ayub Hall)	University of Agriculture, Faisalabad	2013-2018	Hostel Management
Member of Alumini Registration Committee	University of Agriculture, Faisalabad	2013	Performed additional duties as member of Alumini registration committee during 2013
Member of Alumini Registration Committee	University of Agriculture, Faisalabad	2015	Performed additional duties as member of Alumini registration committee during 2015
Member of tree planting committee, at Burewala	University of Agriculture, Faisalabad	2013	Performed additional duties as member of tree planting committee at Burewala, Vehari campus of University of Agriculture, Faisalabad during 2013
Focal person (Faculty of Agriculture)/Member of Admission/ Central Scrutiny committee	University of Agriculture, Faisalabad	2012 to date	Performing additional duties as Focal Person (Faculty of Agriculture) /member of admission and central scrutiny committee at under graduate level
Co-Advisor for under graduate students	University of Agriculture, Faisalabad	2014 to date	Performing additional duties as co-advisor since winter semester 2014-15 to date
Member/ Secretary Transport/ Campaign Committee	University of Agriculture, Faisalabad	Approximately 1.5 years	Performed additional duties in the university as member and secretary of transport and campaign committee during event /festivals organization
Co-Incharge (Volley Ball)	University of Agriculture, Faisalabad	2014	Performed additional duties for successful completion of Annual Sports Gala 2014.
Vice President (Kabaddi)	University of Agriculture, Faisalabad	2014- to date	Performed additional duties in university sports as vice president



Regular member of standing tree Assessment and Auction committees	University of Agriculture, Faisalabad	14-09-2011 to date	Carried out assessment of farm trees throughout the main campus and farm areas for auction
Member of convocation organizing committee(J)	University of Agriculture, Faisalabad	2014- to date	Performed duties in convocation organizing committee by accommodating the degree recipients and maintaining discipline during last three convocations
Ex-Member Syndicate	University of Agriculture, Faisalabad	2013- 2017	Performed duties in conducting/ decision making of core administrative issues of University of Agriculture, Faisalabad
Member Faculty Board	University of Agriculture, Faisalabad	2018-19	Performed duties in curriculum revision of University of Agriculture, Faisalabad
Member library management committee (Departmental)	University of Agriculture, Faisalabad	2019- to date	Performed duties in managing library of Department of Forestry and Range Management
Member internship committee (Departmental)	University of Agriculture, Faisalabad	2012- to date	Performed duties in conducting/ decision making of core administrative issues related to internship of students of University of Agriculture, Faisalabad
Co-Incharge Forestry Research Area	University of Agriculture, Faisalabad	2012- to date	Established an Arboretum, Performed duties in conducting research of post and under graduate students of University of Agriculture, Faisalabad
Deputy Coordinator, Pakistan Society of Foresters	University of Agriculture, Faisalabad	2021- to date	Performed duties in reorganizing/restructuring of Pakistan Society of Foresters
Coordinator, Seminar conducting committee (Departmental)	University of Agriculture, Faisalabad	2019- 2022	Performed duties in conducting seminars M.Sc. (Hons.) and Ph.D students of University of Agriculture, Faisalabad
Advisor, Post-Graduate Student	University of Agriculture, Faisalabad	2021- 22	Advisory services to post graduate students of the Department of Forestry and Range Management

Skills			
Skill	Level	Last Used	Experience
Forest Nursery establishment ( including various indigenous and exotic species )	Expert	Currently used	11 years
Management and Protection of Linear and compact /block plantations	Expert	5 years ago	6 years
Park Development and Management	Expert	Currently used	6years
Forest Mensuration and Silviculture	Expert	Currently used	6 years
Reclamation of problematic soil by using various biological techniques/species	Expert	Currently used	6 years
Knowledgeable in MS word, Excel and PowerPoint	Intermediate	Currently used	12 years

Languages	
Language	Proficiency
Urdu	Fluent - Full knowledge
Punjabi	Fluent – Wide knowledge
English	Fluent – Wide knowledge
Arabic	Fair Knowledge

## References

Name	Title	Institution	Phone	Email
Dr. M. Tahir Siddiqui (Pakistan)	Professor (Retd.)	Department of Forestry and Range Management, University of Agriculture Faisalabad.	+92-41-9200161-70 Ext. 2924	drmtsiddiqui@yahoo.com
Dr. Irfan Ahmad	Associate Professor	Department of Forestry and Range Management, University of Agriculture Faisalabad.	+92-41-9200161-70 Ext. 2924	Irfan_uaf@yahoo.com

## Additional Information

Integrity & Ethics, Leadership, Teamwork, Training, Recognition, Communication, Continuous Improvement.