



CURRICULUM VITAE

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5. Present job Professor (Department of Horticulture)
6. Present position Chairman Department of Horticulture. The University of Agriculture
Peshawar

ACADEMIC QUALIFICATIONS:

S.No	Examination	Subject	Year	Institute
1.	SSC	Science group	1981	BISE Peshawar
2.	F.Sc	Pre-medical + addl. math	1984	-do-
3.	B.Sc (Hons)	Horticulture	1989	University of Agriculture Peshawar
4.	M.Sc (Hons)	Horticulture	1994	-do-
5.	Ph.D	Horticulture	2010	University of Agriculture Peshawar
Additional qualification				
6.	M.Sc	Perennial Horticulture crop physiology	1998	Lincoln University New Zealand

- **Ph.D Thesis Title:**

Optimization of pre and post harvest treatments for yield, quality and post harvest life of onion (*Allium cepa* L.). From University of Agriculture Peshawar, year 2010

- **M.Sc (Foreign) Thesis Title:**

The influence of short term partial shading on photosynthesis and stomatal conductance in relations to crop load and water status of apple and grapevines. From Lincoln University New Zealand, year 1998.

- **M.Sc (Indigenous) Thesis Title:**

The effect of sulphate of potash versus muriate of potash on the yield and quality of potato (*Solanum tuberosum* L.) crop. From University of Agriculture Peshawar, year 1993.

- **B.Sc Report Title;**

Effect of growth regulators on roots induction in plum cuttings. From University of Agriculture Peshawar, year 1989.

SERVICES HISTORY

S.No.	Designation /BS	Department /Institute	Period	
			From	To
1	Research Officer / (BS-17)	Horticulture /Agriculture Research Institute Tarnab, Peshawar	12-12-1990	02-07-2012
2.	Associate Professor/ (BS-20)/ HOD	Horticulture /University of Agriculture Peshawar, AMK campus Mardan	03-07-2012	17-09-2017
3	Professor/ (BS-21) / HOD	-Do-	18-09-2017	31-07-2023
4.	Professor/ (BS-21) /Chairperson	Department of Horticulture UAP	01-08-2023	Till

ACHIEVEMENTS

Additional services :

- **Horticulture Farm Manager:** Agriculture Research Institute Tarnab Peshawar from 1991-1996
- **Fruit Nursery Manager:** Agriculture Research Institute Tarnab Peshawar from 1993-1996
- **Floriculture & landscaping management:** Agriculture Research Institute Tarnab Peshawar from 1994-2005
- **Subject Matter specialist (SMS);** Worked as a Horticulture expert in Farm Services Centre (FSC)
- **Horticulturist:** Agriculture Research Institute Tarnab Peshawar from 2010-11
- **Head of Horticulture Department:** Amir Muhammad Khan campus Mardan from August 2012 till date
- **Additional Director** Amir Muhammad Khan campus Mardan from July 2014 to 28th Feb, 2018
- **Director Campus** Amir Muhammad Khan campus Mardan from 1st March 2018-2019
- **Director Farm** Amir Muhammad Khan campus Mardan from 13th Sep 2019- 29th June, 2020
- **Reviewer of Research Journals;**
 - Sarhad Journal of Agriculture,
 - Pakistan Journal of Agricultural sciences
 - Pakistan Journal of Botany
- **Resource person:** Radio and TV Talks: A regular talker for radio and I delivered talks on 5 topics in PTV World Agriculture Programme “Kissan Time” ;
- **Interviewer:** Selected as Subject Matter Specialist (SMS) in Horticulture by **Public Service Commission (PSC)** as interviewer for candidates of Research Officer in Horticulture.
- **Examiner:** remained as **External Examiner** of postgraduate students (Horticulture) of University of Agriculture Peshawar.
- **General Secretary** of Frontier Agriculture Research Scientists Association (**FARSA**), 2005-2012
- **Vice President:** Agriculture University Teacher Association (**AUTA**) from Jan, 2018 till date
- **Technical reports writer** for Horticulture Section Agriculture Research Institute Tarnab, Peshawar, from 1998-2012.
- **Representative of Khyber Pakhtunkhwa Research system in Fruit shows :** Regularly every year participation in Fruit exposition in KP , Punjab and Islamabad since 1994 to 2012

Resource person as Trainer for Horticulture related topics

P&D UAP (ADP-projects), ARI Tarnab Peshawar, FATA directorate, ATI Peshawar, FAO, Integrated Rural Development Program (IRDP) Mardan, SRSP, NGO's, National Rural Support Project (NRSP),

Galiat, Hazara. Project for Horticulture Promotion (PHP), Pak-Swiss Government, Pakistan Academy for Rural Development (PARAD) Peshawar, and some other agriculture allied organization

- **Resource person;** Topic: “Quality & Certified Seed of Tomato” 3-days Farmer Field School Training To Enhance The Entrepreneurial Skills of Tomato Growers of Bajaur Districts held on 09 March, 2022 at Foreign Faculty Guest House, University of Agriculture Peshawar.
- **Resource person;** Topic; Production Value Chain of French Bean, 3 days training on "Development of Value Chain of Fruits & Vegetable of Merged Districts for farmer of South Waziristan held on 24 August, 2021 at P&D Committee Room UAP, organized under ADP-funded Project: Support Value Chain in Agriculture products through private enterprise Development“
- **Resource person;** “Three days farmer field school training for tomato & onion growers of Bajaur and Mohmand districts Khyber Pakhtunkhwa held on 21st -23rd Sep, 2021 organized under ADP-Project: Development of Onion & tomato pockets areas in Bajaur and Mohmand Districts “ at Farm services center Yakaghund, Mohmand district.
- **Resource person for** “Three days growers training for olive, tomato, chilies & French beans growers of Waziristan and Khyber districts Khyber Pakhtunkhwa held on 24th Sep, 2021 organized under ADP-funded Project: Support Value Chain in Agriculture products through private enterprise Development“ at Khyber Farm services center.
- **Resource person;** Title: Production Value Chain of Tomato, 3 days training on "Development of Value Chain of Fruits & Vegetable of Merged Districts for farmer of Khyber District held on Date: 22 September,2021, Venue: Bara Farm Service Centre organized under ADP-funded Project: Support Value Chain in Agriculture products through private enterprise Development“
- **Resource person;** Title: Production Value Chain of Olive, 3 days training on "Development of Value Chain of Fruits & Vegetable of Merged Districts for farmer of District Bajaurheld on 20 October, 2021 at Venue: FFGH, UAP, organized under ADP-funded Project: Support Value Chain in Agriculture products through private enterprise Development“
- **Resource person;** Title: Production Value Chain of Plum, 3 days training on "Development of Value Chain of Fruits & Vegetable of Merged Districts for farmer of District Mohmand held on 22 October, 2021 at VCR Room Main Library, UAP, organized under ADP-funded Project: Support Value Chain in Agriculture products through private enterprise Development“
- **Resource person for** “Three days farmer field school training for tomato & onion growers of Bajaur and Mohmand districts Khyber Pakhtunkhwa held on 23rd -25th Oct, 2021 organized under ADP-Project: Development of Onion & tomato pockets areas in Bajaur and Mohmand Districts “ at University of Agriculture Peshawar
- **Resource person;** Topic: “Quality & Certified Seed of Tomato” 3-days Farmer Field School Training To Enhance The Entrepreneurial Skills of Tomato Growers of Bajaur Districts held on 24 November, 2021 at Raghagan District Bajaur.
- **Resource person;** Title: Production value Chain of Potato, 3 days training on "Development of Value Chain of Fruits & Vegetable of Merged Districts for farmer of North Waziristan held on Date: 29 November, 2021, Venue: FFGH, UAP, organized under ADP-funded Project: Support Value Chain in Agriculture products through private enterprise Development“
- **Resource person;** Title: Production Value Chain of Stone Fruits, 3 days training on "Development of Value Chain of Fruits & Vegetable of Merged Districts for farmer of Orakzai District held on Date: 21 December, 2021, Venue: FFGH, UAP, organized under ADP-funded Project: Support Value Chain in Agriculture products through private enterprise Development“

Appreciation shield;

- Got appreciation shield in “Citrus grower conference” held on 9-10 May 2011 at the University of Agriculture Faisalabad (Punjab) under The Agriculture Sector Linkage Program Australia.
- The Vice Chancellor (Prof. Dr. Jehan Bakht) University of Agriculture Peshawar awarded me an Appreciation shield for best management of the AMK Research Farm Mardan during the year 2019- 2020.
- The Vice Chancellor (Prof. Dr. Jehan Bakht) University of Agriculture Peshawar awarded me an Appreciation shield for organizing training workshop “ Data analysis and reference citation in research using different software” at Amir Muhammad Khan campus Mardan held on 29-30 Sep, 2021.

THE DETAILS OF THE ACHIEVEMENTS ARE GIVEN BELOW:

Awards/ Scholarships/ Grants/ Prizes

1. Got first prize for Nectarine and Peaches in 3rd National Stone and early summer fruits, flowers and Honey show held at Islamabad, in June, 2001. Under the Export promotion Bureau, Govt. of Pakistan and The Horticultural Foundation of Pakistan, Islamabad.
2. Got first prize for presenting Shuja Khani Peach variety in National mango and summer fruits exposition, 2003 held at Islamabad, in July, 2003. Under the Horticultural Foundation of Pakistan, Islamabad.
3. Got first prize for presenting citrus fruits of Khyber Pakhtunkhwa in citrus fruits show held at Orange (Citrus) Research Institute Sargodha (Punjab), in January, 2007.
4. Got ARP-II (Agricultural Research Project) Overseas scholarship for perusing MSc at Lincoln University Canterbury Christchurch, New Zealand
5. Got overseas training grant from ASLP citrus project under Australian Centre for International Agricultural Research (ACIAR) for improved techniques of citrus orchard management. Year 2009)
6. Got overseas training grant from ASLP citrus project under ACIAR for improved irrigation techniques of citrus orchard.(Year 2014)
7. Got grant from ACIAR to participate in Poster presentation “Evaluation of sweet orange (*Citrus sinensis*) scion varieties on Bigarade rootstock in Malakand division under the ASLP citrus project” in International Horticulture Congress, 2014 Brisbane Australia
8. Got award in “Citrus growers conference” held on 9-10 May 2011 at the University of Agriculture Faisalabad (Punjab) under The Agriculture Sector Linkage Program Australia.

Detail of Research Papers/publications:

1. Muhammad Noman Khan and **Ghulam Nabi**. 2023. Potential role of potassium sources, its time of application and tree canopy orientations in regulation of sex expression and yield attributes of sweet lime. J. Xi'an Shiyu University, Natural Sci. Edition., 19(06): 244-256. ISSN: 1673-064X <http://xisdxjxsu.asia> (HEC HJRS “X” category)
2. Muhammad Noman Khan and Ghulam Nabi, 2023. Role of Auxin in vegetative growth, flowering, yield and fruit quality of Horticultural crops - A review. Pure and Applied Bio. (PAB), 12(2):1234-1241, ISSN 2304-2478. (HEC HJRS “Y” category)
3. Muhammad Irshad, Shah Rukh, Ghulam Nabi, Muhammad Israr, Shamsheer Ali, Fazal Munsif, Muhammad Suhail, Sher Mohammad and Hafiz Muhammad Rizwan. 2023. Fruits of micro

- propagated strawberry (*Fragaria ananassa*) plants exhibited higher antioxidant metabolites as compared to in vivo grown plants. Pak. J. Bot., 55(2):727-737. (HEC HJRS "X" category)
DOI: [http://dx.doi.org/10.30848/PJB2023-2\(40\)](http://dx.doi.org/10.30848/PJB2023-2(40))
4. Shah Rukh, Abeer Kazmi, **Ghulam Nabi**, Muhammad Irshad, Amir Ali, Sher Muhammad, Zia-ur-Rehman, Mashwani and Tahira Sultana. 2023. Improvement of in vitro regeneration frequency, polyphenolic and antioxidant profile of Strawberry (*Fragaria ananassa* Cv. Chandler) via indirect organogenesis. J. Pure and Applied Agric. 8(1): 45-55. ISSN (Print) 2617-8672, ISSN (Online) 2617-8680, <http://jpaa.aiou.edu.pk>. (HEC HJRS "Y" category)
 5. Muhammad Naafe, **Ghulam Nabi**, Muhammad Irshad, Muhammad Noman Khan, Shamsheer Ali and Raheel Hayat. 2022. Influence of pinching on growth and yield of bottle gourd (*Lagenaria siceraria*). Pure Appl. Biol., 11(4):891-901.
<http://dx.doi.org/10.19045/bspab.2022.110091> (HEC HJRS "Y" category)
 6. Abid Ali, **Ghulam Nabi**, Muhammad Irshad, Muhammad Noman Khan, Muhammad Israr, Shamsheer Ali, Javed Rehman and Waqas Ali. 2022. Pinching effects on growth and yield of okra. Pure Appl. Biol., 11(1):135-145, <http://dx.doi.org/10.19045/bspab.2022.110015>. (HEC HJRS "Y" category)
 7. Saeed Ur Rahman, **Ghulam Nabi**, Muhammad Noman Khan, Faraz Ali Shah, Shah Rukh, Wajid Ali, Mujeeb Ur Rahman, Shah Zaib and Muhammad Hilal. 2021. Influence of Tryptophan on the growth, yield and quality of chilli with and without fertilizer. Pure Appl. Biol., 10(4):1287-1302. <http://dx.doi.org/10.19045/bspab.2021.100134>. (HEC HJRS "Y" category)
 8. Muhammad Rizwan, Masood Ahmad, Abdul Mateen Khattak, Asim Muhammad, Fawad Ali, **Ghulam Nabi**, Sumbal Ayaz, and Noor Ayaz. 2021. Influence of organic potash on the vegetative attributes and corm production of gladiolus cultivars. Bioscience Res., 18(4): 3326-3333. (HEC HJRS "Y" category)
 9. Muhammad Jamal , **Ghulam Nabi**, Izhar Ullah, Abdul Basit , Noman Ahmad , Syed Aizaz Ali Shah , Imran Ahmad , Nasrullah Khan , Hassnain , Sidra Zeb , Sanaullah , Intizar Ahmad and Nasar Ali Khan. 2021. Assessing morpho-physiological traits of *Solanum lycopersicum* L. genotypes in response to seedlings transplantation intervals. Pure Appl. Biol., 10(4):1070-1079. <http://dx.doi.org/10.19045/bspab.2021.100111>. (HEC HJRS "Y" category)
 10. Ejaz Ahmad, **Ghulam Nabi**, Muhammad Imtiaz, Zulfiqar Ali., Muhammad Yasir Ali, Asad Ali Khan. 2021. Effect of sowing times on the growth, yield and quality of muskmelon (*cucumis melo* l.) varieties. Fresenius Environmental Bulletin. 30(4):3 408-3412. (HEC HJRS "Y" category)
 11. Masood Ahmad, Muhammad Ishtiaq, Izhar Ullah, Abdul Basit, Sultan Akbar Jadoon, Iftikhar Hussain Khalil, Asim Muhammad, Mehboob Alam, Imran Ahmad, Muhammad Sajid, **Ghulam Nabi** and Abdullah Jalal, 2020. Influence of Zinc on Seed Production and Fats content of Black Seed (*Nigella sativa* L.). Fresenius Environmental Bulletin, 29(6); 8094-8103. (HEC HJRS "Y" category)
 12. Faraz Ali Shah, **Ghulam Nabi**, Muhammad Noman Khan, Shafiullah, Shah Rukh, Saeed Ur Rahman and Sayed Minhaj Ali Shah. 2020. The performance of tomato cultivars transplanted on various dates under the agro-climatic conditions of District Buner. Pure Appl. Biol., 10(1): 416-429, <http://dx.doi.org/10.19045/bspab.2021.100045>. (HEC HJRS "Y" category)
 13. Abdur Rahman, Ibrar Hussain, **Ghulam Nabi** and Ziaullah. 2020. Exogenous Gibberellic acid application influences on vegetative and reproductive aspects in gladiolus. Ornamental Hort., 26(2): 244-250. (HEC HJRS "Y" category)
 14. Jawad Ali Jan , **Ghulam Nabi**, Maqsood Khan, Shehzad Ahmad, Peer Sikandar Shah, Saddam Hussain and Sehrish. 2020. Foliar Application of Humic Acid Improves Growth and

- Yield of Chilli (*Capsicum annum* L.) Varieties. Pakistan J. Agri. Sci. 33(3): 461-472. (HEC HJRS "X" category)
15. Peer Sikandar Shah, **Ghulam Nabi**, Maqsood Khan, Sadam Hussain and Jawad Ali Jan. 2020. Performance of sponge gourd cultivars under organic and inorganic fertilizer regimes. Sarhad J. Agri. 36(2): 478-488. (HEC HJRS "Y" category)
 16. Fazal Ullah, Habib Ullah, **Ghulam Nabi**, Gohar Ayub and Anam Ashraf. 2020. Hot water treatment; a technical preservation technique for storage of horticulture commodities. Int. J. Advances Research and Review. 5(3):13-20.
 17. Altaf Hussain, **Ghulam Nabi**, Muhammad Ilyas, Muhammad Noman Khan, Waqas Khan Shah Zeb, Abdullah Khan, Muhammad Hilal And Yasir Ali. 2020. Effect of zinc and iron on growth flowering and shelf life of marigold under the agro climatic conditions of Swabi. Pure Appl. Biol., 9 (1); 180-192. (HEC HJRS "Y" category)
 18. Zulfiqar Ali, Muhammad Imtiaz, Ghulam Nabi, Muhammad Yasir Ali, Muhammad Ali Khan, Fazal Jalal. 2019. Effect of sowing time and mulching type on growth, yield, and quality of *Abelmoschus esculentus* L. International Journal of Botany Studies; 4 (3); 166-170. ISSN: 2455-541X; Impact Factor: RJIF 5.12
 19. Rafeh Ullah, **Ghulam Nabi**, Nangial Khan, Abdullah Khan, Bilal Ahmad Khan, Rafi Ullah, Imtiaz Khan, and Jawad Ali Jan, 2019. Performance of potato varieties under the climatic conditions of Abbottabad Hazara. Pure Appl. Biol., 8(2): 1744-1756. (HEC HJRS "Y" category)
 20. Abdur Rahman, **Ghulam Nabi**, Waqas Khan, Muhammad Noman Khan , Majid Hissam, Muhammad Ilyas, Babar Ali and Yasir Ali. 2019. Influence of gibberellic acid on vegetative, floral and corms yield of gladiolus cultivars under the agro-climatic condition of Peshawar-Pakistan. Pure Appl. Biol., 8(1): 559-571. (HEC HJRS "Y" category)
 21. Farman Ghani, Muhammad Riaz Khan, Nadia Bostan, **Ghulam Nabi**, Haji Muhammad, Abid Ali, Jalal Amin and Fazal Rabi. 2018. Effect of humic acid and seed size on germination of mango (*Mangifera indica* L.) seed. Pure Appl. Biol., 7(1): 315-320. (HEC HJRS "Y" category)
 22. Muhammad Riaz Khan, Nadia Bostan, **Ghulam Nabi**, Haji Muhammad, Abid Ali, Jalal Amin and Shah Khalid. 2018. The influence of timing and position of scion on graft take success of lemon. Pure Appl. Biol., 7(1): 330-337. (HEC HJRS "Y" category)
 23. Kashif Ur Rehman, Faheem Ul Haq, Jalal Amin, Anwar Shah, Usman Khan, **Ghulam Nabi**, Wiqar Muhammad, Muhammad Musa, Farman Ghani, Muhammad Riaz and Abid Ali. 2018. Grapes Characterization of Different Varieties in the Central Zone of Peshawar KPK, Inter. J Environ Sci. Nat. Resources., 9(1): 1-4. IJESNR.MS.ID.555754. (HEC HJRS "Y" category)
 24. Jalal Amin, Anwar Shah, **Ghulam Nabi**, Wiqar Muhammad, Muhammad Musa, Farman Ghani, Nawab Ali, Muhammad Mehran Anjum, Muhammad Riaz and Abid Ali. 2018. To Study Marketing Channels of Different Cut Flowers under Different Agro-Ecological Zones of Nowshera and Peshawar. Int J Environ Sci Nat Resources 8(3):1-8 IJESNR.MS.ID.555737. (HEC HJRS "Y" category)
 25. Waqas Khan, **Ghulam Nabi**, Asad Ali Khan, Muhammad Ilyas, and Muhammad Ali Khan. 2017. Propagation of Santa Maria on wild pear rootstock through different budding techniques. Int.. J. Evniron, Sci, Nat. Resources, 7 (2); 43-47. (HEC HJRS "Y" category)
 26. Muhammad Ilyas, **Ghulam Nabi**, Shamsheer Ali, Muhammad Mehran Anjum, Nawab Ali, Waseem Zaman, Shahab Jan, Irfan Ullah Samar, Muhammad Sadiq and Sadeeq Akbar. 2017. Evaluation of bottle guard varieties in agro climatic conditions of Peshawar valley. Int.. J. Evniron, Sci, Nat. Resources, 3 (1); 555603. (HEC HJRS "Y" category)
 27. Zia Ur Rehman, Muhammad Sajid, Nisar Naeem, **Ghulam Nabi**, Adam Khan, Azmat Ali Awan and Khadim Muhammad Dawar, 2017. Response of Australian Sweet Orange varieties

- on citrus rootstocks under Agro-Climatic Conditions of Peshawar, Pakistan. Federal Urdu University of Arts, Science and Technology Journal of Biology (FUUAST, J. Biol.), 7(2): 241-251. (HEC HJRS "Y" category)
28. Jalal A., **N. Ghulam**, A. Nawab, M.A. Muhammad, U. Hazrat, O.I. Muhammad. 2017. To Study the Bud Take Success and Budding Growth of Plum Cultivars on Peach Swat Local Root Stock. Int J. Environ Sci. Nat. Resources; 5(4): 555670. DOI: 10.19080/IJESNR.2017.05.555670.04. (HEC HJRS "Y" category)
 29. Ur-Rahman, H. T. Tahir, M. Ahmed, **G. Nabi**, I. Ali. 2016. Effect of orchard floor management practices on soil physical properties, growth and yield of 'Kinnow' mandarin (*Citrus reticulata* Blanco). XXIX International Horticultural Congress on Horticulture: Sustaining Lives, Livelihoods and Landscapes (IHC2014): International Symposium on Horticulture in Developing Countries and World Food Production. ISHS Acta Horticulturae 1128.19.
 30. Ali ,W., T. Khurshid, J. Giddings, **G. Nabi**. 2016. The effect of furrow and flood irrigation systems on water use efficiency and yield of sweet orange orchards in Pakistan. XXIX International Horticultural Congress on Horticulture: Sustaining Lives, Livelihoods and Landscapes (IHC2014): International Symposium on Horticulture in Developing Countries and World Food Production. ISHS Acta Horticulturae 1128.21
 31. Nisar, N., A. Samad, **G. Nabi**, T. Khurshid. 2016. Evaluation of sweet orange (*Citrus sinensis*) scion cultivars on 'Bigarade' rootstock in Malakand division under the ASLP Citrus Project. XXIX International Horticultural Congress on Horticulture: Sustaining Lives, Livelihoods and Landscapes (IHC2014): International Symposium on Horticulture in Developing Countries and World Food Production. ISHS Acta Horticulturae, 1128.30
 32. Ibrar Hussain, **Ghulam Nabi**, Hafeez ur Rehman, Kamran Shah and Saqib Ali, 2016. Effect of different environmental condition on different types of Sweet lime cuttings. Pure Appl. Biol., 5(2):298-302 (<http://dx.doi.org/10.19045/bspab.2016.50038>) (ISSN: 2304-2478) (HEC HJRS "Y" category)
 33. Muhammad Ismail, Tufail Ahmad, Amjad Ali, **Ghulam Nabi**, Nur Ul Haqand Fazal Munsif. 2016. Response of sugarcane to different doses of Zn at various growth stages. Pure Appl. Biol., 5(2):311-316. (<http://dx.doi.org/10.19045/bspab.2016.50040>). (ISSN: 2304-2478), (HEC HJRS "Y" category)
 34. Ibrar Hussain, **Ghulam Nabi**, Ayub Jan, Hafeez ur Rehman, and Kamran Shah, 2016. Effect of different environment condition on different types of sweet lime cuttings. 2nd International conference on Horticultural Science 2016, Abstracts. Inst. Hort. Sci. Uni. Agric. Faisalabad. Pk. pp 119.
 35. **Ghulam Nabi**, Abdurrab , Abdul Samad , Nisar Naeem and Noor ul Amin 2016. Evaluation of lemon varieties on Australian Bigarade rootstock. Proceedings of Pakistan Society for Horticultural Science. 2nd International conference on Horticultural Science 2016, Abstracts. Inst. Hort. Sci. Uni. Agric. Faisalabad. Pk. pp 125-133.
 36. Khalil Ur Rahman, Abdur Rab, Nawab Ali, Muhammad Sajid, **Ghulam Nabi**, Amjad Khan, Muhammad Abdul Rauf and Riaz Alam, 2015. RAPD based estimation of genetic diversity in walnut Genotypes growing in Malakund division, Pakistan. Pak. J. Agri. Sci., 52(4):997-1003. (HEC HJRS "X" category)
 37. Rab, A., Najia, M. Sajid, F. Bibi, I. Jan, **G. Nabi** and K. Nawab, 2015. Quality changes in heat treated sweet orange fruit during storage at low temperature. J. Animal & Pl. Sci., 25(3):661-668. (HEC HJRS "Y" category)
 38. Abdur Rab, **Ghulam Nabi**, Noor Ul Amin, Ihsanul Haq, Muhammad Sajid, Khalid Nawab And Neelam Ara. 2013. Influence of sowing time and potato propagules on the yield and tuber quality. Pak. J. Bot., 45(6): 2013-2018. (HEC HJRS "X" category)

39. **Nabi, G., A. Rab, M. Sajid, Farhatullah, S. J. Abbas, and I. Ali.** 2013. Influence of curing methods and storage conditions on the post-harvest quality of onion bulbs. *Pak. J. Bot.*, 45(2): 455-460. (HEC HJRS "X" category)
40. **Ghulam Nabi, Abdur Rab, Sayed Jaffar Abbas, Farhatullah, Fazal Munsif and Ibrar Hussain Shah.** 2010. Influence of different levels of potash on the quantity, quality and storage life of onion bulbs. *Pak. J. Bot.*, 42(3): 2151-2163. (HEC HJRS "X" category)
41. **Rizwan ullah, Muhammad Sajid, Husain Ahmad, Muhammad Luqman, Muhammad Razaq, Ghulam Nabi, Shah Fahad and Abdur Rab.** 2014. Association of Gibberellic Acid (GA3) with Fruit Set and Fruit drop of Sweet Orange. *Journal of Biology, Agriculture and Healthcare.* 4 (2): 54-59.
42. **Muhammad Zahir Afridi, Mohammad Tariq Jan, Fazal Munsif, Ahmad Khan, Ghulam Nabi, Masood Ahmad, Malik Wasiullah, Aziz Khan and Rizwan Ullah.** 2014. Nitrogen Partitioning and Translocation in Wheat under Fertilizer-N Levels, Application Time and Decapitation Stress. *Journal of Biology, Agriculture and Healthcare.* 4(13):1-9.
43. **Rizwan Ullah, Muhammad Sajid, Ghulam Nabi, Husain Ahmad, Abdur Rab, Faheem Ahmed Khan, Muhammad Shahab, Hizar Subthain, Shah Fahad and Aziz Khan.** 2014. Gibberellic Acid (GA3), an Influential Growth Regulator for Physiological Disorder Control and Protracting the Harvesting Season of Sweet Orange. *American Journal of Experimental Agriculture.* 4(11): 1355-1366.
44. **Hafeez-ur-Rahman, Ghulam Nabi, Ijaz Ali, Tauseef Tahir and Mukhtar Ahmed.** 2012. Growth and yield of Kinnow (*Citrus reticulata* Blanco) and soil physical properties as affected by orchard floor management practices in Punjab, Pakistan *Soil Environ.* 31(2): 163-170,
45. **Anwar, K., G. Nabi, H. Asghar and A. Rab.** 2004. Performance of different genotypes of sweet orange on sour orange rootstock under the climatic conditions of Peshawar. *Sarhad Journal of Agriculture* 20(3):363-366. (HEC HJRS "Y" category)
46. **Anwar, K., G. Nabi, H. Asghar, and A. Hashmi.** 2004. Screening of sweet orange varieties on physicochemical characters. *Sarhad Journal of Agriculture* 21(2):205-208. (HEC HJRS "Y" category)
47. **Baqi, A, G. Nabi, A. Samad, and K. Jemsher.** 1994. An appraisal of Dacca grass in the climatic condition of Peshawar for lawn carpeting. *Sarhad Journal of Agriculture*, 10(3):303-305. (HEC HJRS "Y" category)
48. **Baqi, A., A. Samad, Z. U. Khan and G. Nabi,** 1994. Influence of Paclobutrazol (PP333) on shoot growth of Anna and Ein-Schemer apple. *Sarhad Journal of Agriculture*, 10(3) 299-301. (HEC HJRS "Y" category)
49. **Hafiz, R., M. Raqfiq, G. Nabi, and A. Samad,** 2007. Effect of soil media on peach stone germination and seedlings growth under the climatic conditions of Orakzai Agency (FATA). *Sarhad Journal of Agriculture* 23(3): 689-91. (HEC HJRS "Y" category)
50. **Jahan Zeb, Zaheer Ullah Khan, Ghulam Nabi and Khuram Nawaz.** 2007. Marketing margins for onion in Swat. *Sarhad Journal of Agriculture*, 23(3):794-801 . (HEC HJRS "Y" category)
51. **Khan, J. S. A. Hussain, and G. Nabi.** 1996. Performance of different peach stones under field conditions of Peshawar valley. *Sarhad Journal of Agriculture*, 12(3) 269-271. (HEC HJRS "Y" category)
52. **Nabi, G. Nadia, J. Taslim, G. Sharafat and R. Umer.** 2004. Performance of different genotypes of grapefruit on sour orange rootstock under the climatic conditions of Peshawar. *Pakistan Journal of Biological Sciences* 7(10):1762-1766. (HEC HJRS "Y" category)
53. **Nabi, G., K. Jehangir, A. Samad and R. Noor.** 2002. The growth of tomato plants in different potting mixes under green house conditions. *Science Vision*, 8(1):122-125.

54. Ahmad, N., M.Ishtiaq, G.Nabi, 2002. Influence of various concentrations of Indole Butyric Acid (IBA) on different types of Bougainvillea glabra var. variegata cuttings. Sarhad J. Agric., 18(3) : 263-270. (HEC HJRS "Y" category)
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63. Noor, R., Tehsinullah, G. Nabi, and J. Taslim. 2004. Effect of different growth regulators and types of cuttings on rooting of guava (*Psidium guajava* L.). Science Vision 9(1-2):165-169.
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65. Sharafat G., G. Nabi, R. Noor, and J. Taslim. 2000. The response of Fazli Manani (*Prunus domestica* L.) to various rootstocks. Pakistan Journal of Biological Sciences 3(9):1396-1398. (HEC HJRS "Y" category)
66. Tehsinullah, M. Wazir, G. Nabi and R. Noor. 2000. Bud take success of different Almond varieties on peach rootstock. Pakistan Journal of Biological Sciences 3(11):1805-1806. (HEC HJRS "Y" category)
67. Wahab, F., G. Nabi, A. Nawab and S. Muslim. 2001. Rooting response of semi-hardwood cuttings of guava (*Psidium guajava* L.) To various concentrations of different auxins. Online Journal of Biological Sciences 1(4):184-187.

ARTICLES IN URDU LANGUAGE

1. Taslim Jan, **Ghulam Nabi**, Noor Rehman and Ijaz Hussian. Stone fruit nursery plants production. Zaraati Sarhad (Local Urdu language magazine). December, 1999. PP.33 -35.
2. Noor Rahman, **Ghulam Nabi**, and Zafar Ali. New Fruit varieties for plantation in plains of NWFP at ARI, Tarnab. Zaraati Sarhad April, 2001. PP. 22-26
3. Noor Rahman, **Ghulam Nabi**, and Jamsher Khan, 2004. Propagation techniques of citrus fruit nursery plants in NWFP. Zaraati Sarhad Jan-Mar, 2004, PP. 12-18.
4. **Ghulam Nabi**, 2005. Fruit Orchard layout Techniques Zaraati Sarhad
5. **Ghulam Nabi**, 2006. Tarnab Gulabi Pomegranate. Send for publication to Kissan Time Magazine.
6. **Ghulam Nabi**, 2009. Propagation techniques of ornamental plants. Zaraati Sarhad 33(4):46-49.
7. **Ghulam Nabi**, 2009. Landscaping techniques. Zaraati Sarhad 33(4): 36-38.

PAMPHLET IN URDU & ENGLISH

1. Stone fruits orchard management techniques (in Urdu) ; PP.48
2. Onion Marketing in Swat (in English) year 2004-05.PP.18
3. Peach Marketing in NWFP (in English) year 2005-06; PP.19
4. Ber (*zizyphus Jajuba*) cultivation in Peshawar valley
5. Cultivation and management of ornamental bulbous plants. 2007
6. Cultivation and management of seasonal flowers. 2007
7. The importance of different Soil media and its preparation for potting plants.2007
8. Insect pests of ornamental plants and their remedy measures. 2007
9. Raising fruit plant nursery 2007
10. Raising citrus nursery plants. 2007

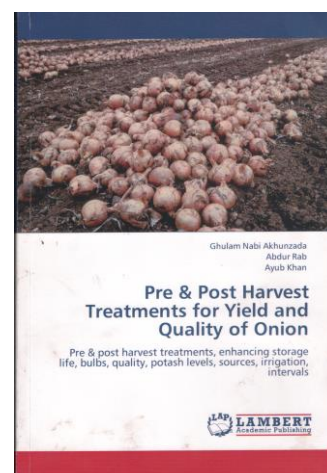
BOOKS:

1. Ghulam Nabi Akhonzada, Abdur Rab and Ayub Khan "Pre & Post Harvest Treatments for Yield and Quality of Onion: Pre & post harvest treatments, enhancing storage life, bulbs, quality, potash levels, sources, irrigation, intervals" (2011) VDM GERMANY Vol:978-3-8465-9272-4 pp:1-164 (Book)
2. "Citriculture in Pakistan" is in Progress

MANAGEMENT CALENDAR:

Developed month-wise Orchard Management practices calendars for

1. Stone fruits
2. Citrus fruits



Supervision of MSc. (Hons) as Chairman Supervisory committee

S.No	Name of student	Thesis Title
1.	M. Azam	Evaluation of grape varieties under the climatic conditions of Peshawar
2.	Asadullah	Influence of different rootstocks on the performance of peach cultivars
3.	Imtiaz Khan	Evaluation of litchi cultivars under the climatic conditions of Dergi Malakand
4.	Rafeullah	Performance of different potato cultivars under agro climatic conditions of Abbottabad
5.	Jawad Ali Jan	Influence of Humic Acid Foliar Application on Growth and Yield of Pepper (<i>Capsicum Annuum</i>) Cultivars
6.	Shakeel Ahmad	Effect of Humic acid on the growth and yield of okra varieties
7.	Wasim Sajjad	Effect of application time and concentration of GA3 on the growth and yield of Brinjal
8.	Abdur Rahman	GA3 influence on vegetative, floral and corms yield of gladiolus
9.	Ijaz Ahmad	Effect of different sowing dates and vars. On the yield and quality of Muskmelon
10.	Zulfiqar Ali	Effect of sowing dates and mulching on the growth and yield of Okra
11.	Asad Ali Khan	Influence of cultivation methods on yield, quality and economics of bitter gourd varieties
12.	Saddam Hussain	Effect of different rooting media in the propagation of marigold through shoot cuttings
13.	Usman Ahmad Shah	Effect of herbicides and their application methods on the performance gladiolus crop
14.	Rafeullah	Evaluation of Mango cultivars under the climatic conditions of Dergi Malakand
15.	Peer Sikandar Shah	Performance of sponge gourd Cvs. Under organic and inorganic regimes
16.	Altaf Hussain	Effect of zinc and iron on growth, flowering and shelf life of marigold
17.	Binyamin Khan	Effect of sources and levels of potash on the growth, yield and quality of Muskmelon
18.	Waqas Khan	Effect of GA ₃ concentration at different phonological stages on the yield and yield components of plum
19.	Muhammad Idrees	Influence of auxin sources and their concentrations on vegetative propagation of olive
20.	Asad Ali Khan	Influence of Zinc and boron on the growth, yield and quality of chili under the climatic conditions of Mardan
21.	Farman Ghani	Influence of sowing dates on the growth, yield and quality of okra varieties under the agro-climatic conditions Peshawar valley
22.	Muhammad Musa Khan	Effect of rootstock and grafting dates on the growth of Kaghazi lime under the agro-climatic conditions Peshawar
23.	Syed Mashood Basher	Influence of organic acids on the storability of Peach Cv. Florida King
24.	Muhammad Jehangir	Potential effect of ultra violet lights on callus induction, proliferation and biochemical variation in stevia rebaudiana.
25.	Fida Hussain	Effect of chitosan on post-harvest life of litchi cultivars
26.	Babar Ali	Effect of foliar application of salicylic acid and zinc on growth, quality and yield of Muskmelon
27.	Muhammad Jamal	Influence of sowing dates on the growth, yield and quality of different tomato varieties in Dargai Malakand Agency
28.	Majid Hissam	Effect of different potassium levels and foliar application of Naphthalene acetic acid on the yield and quality of Chilli
29.	Muhammad Ilyas	Effect of foliar application of Naphthalene acetic acid and boron on yield and quality of Muskmelon
30.	Shah Rukh	Thidiazuron (TDZ) mediated invitro multiplication and antioxidant assessment in regenerated plantlets of strawberry cv. Chandler
31.	Abid Ali	Effect of different pinching levels on growth and yield of okra varieties
32.	Bilawal Ahmad	Effect of Humic acid and phosphorus on the growth yield and quality of muskmelon
33.	Muhammad Hilal	Effect of Tryptophan as a foliar spray on the growth, yield and quality of different cultivars of tomato
34.	Saeed ur Rahman	Influence of tryptophan on the growth, yield and quality of chili with and without fertilizer
35.	Faraz Ali Shah	Performance of various tomato varieties on different transplantation dates under the agro

		climatic conditions of district Buner
36.	Wajid Ali	Effect of Moringa leaf extract on growth and yield of okra under swat condition
37.	Kashif Ur Rehman	Evaluation of grape varieties under the Islamabad climate
38.	Muhaamad Naafe	Influence of pinching on growth and yield of bottle gourd
39.	Shahid Ali	Effect of NPK foliar spray and the time of application on yield and quality of pear
40.	Rizwanullah Zahir	Influence of nitrogen levels and weeds control on the growth of peach nursery plants
41.	Uzair Ali Shah	Effect of foliar application of amino acid on the growth and yield of okra varieties
42.	M. Fawad Khan	Effect of plant extracts and the time of application on yield and quality of plum
43.	Syed Hashir Hussain	Effect of vermicompost and liquid fish fertilizer on the growth, yield and quality of tomato
44.	Haris Khan	Influence of growing substrates on the production and quality of oyster mushroom
45.	Talha	Evaluation of fruit quality of tangerine varieties on Australian Bigarade rootstock under the climatic conditions of Malakand
46.	Noor ul Amin	Response of okra to potassium sulphate and zinc sulphate as a foliar application
47.	Naveed Abas	Performance of lettuce on different growing media under protective structures
48.	Adil Khan S/O Javed Khan	Influence of phosphorus and potassium combination on squash varieties under Mardan climate
49.	Waqas Ali	Influence of seedlings transplanting time on growth yield and quality of sweet pepper varieties under agro climatic conditions of Dargai Malakand
50.	Muhammad Sabeeh	Influence of field layout methods on the growth, yield and quality of okra under Mardan climate
51.	Wisal Bahadar	Effects of seaweed and fish fertilizer on the growth, flower and corm yield of gladiolus
52.	Shabir ullah	Influence of different oil and storage duration on postharvest quality of sweet orange cv Blood Red
53.	Adil khan	Influence of gibberellic acid on vegetative growth and yield of sponge gourd varieties

Supervision of BSc. (Hons) as Supervisor

S.No	Student Name	Topic of internships reports	year
1	Asar Khan	Gross margin of citrus.	2012
2	Fazallullah	Effect of different method of irrigation on the vegetative growth of sweet orange at ARI Tarnab	2012
3	Nisar Muhammad	Estimation of gross margin of tomato production in district Dir Lower: A Case study of union council Asbanr	2012
4	Qurat-ul-Ain	Internship report on ongoing activities on citrus fruit at ARI Tarnab Peshawar.	2012
5	M.Noman Khan	Report on stone fruit at ARI Tarnab Peshawar	2012
6	Kazim Raza	Understanding the growth rate/speed of physio chemical characteristics of sweet orange cv blood red	2013
7	Fayaz Ali	Morphology characterization and identification of olive cultivars	2013
8	Sohrab Khan	Activities of agriculture Research Institute Mingora Swat	2013
9	Asad ullah Khan	To study the bud take success and budding growth of plum cultivars on peach rootstock	2014
10	M. Naeem	The response of lemons cultivars on Cox mandarin rootstock	2014
11	Imtiaz Khan	The influence of side grafting at different timing on the propagation of loquat in Jabban Malakand .	2014
12	Faisal Rasheed	Study of citrus rootstock varieties at agriculture research institute Tarnab Peshawar	2014
13	M Azam	Evaluation of grape varieties at agriculture Research institute Tarnab Peshawar	2014

14	Shabeer Ahmad	A study of different varieties of citrus Spp at sub-tropical fruit germplasm unit Sherkhana Malakand	2014
15	Syed Aizaz Ali Shah	To study the bud take success and budding growth of almond cultivars on peach rootstock.	2014
16	M. Yasir Ali	Identification of rose Spp in floriculture farm Tarnab Peshawar	2014
17	Saddam Hussain	Effect of IBA on air layering of olive varieties	2015
18	Hazrat Bilal	Evaluation of pomegranate varieties at ARI Tarnab	2015
19	Sehrish	To study the nut morphology of different pecan varieties	2015
20	Mudasir Ahmad	Effect of growing media on air layering of coratina olive propagation	2015
21	M. Idrees	Evaluation of morphological characteristics of olive cultivars under the agro climatic condition of Peshawar.	2015
22	M. Jehangir	Fruit yield and oil content of olive cultivar coratina in different district of KPK.	2015
23	M. Riaz Khan	Influence of timing of position of scion and graft success of lemon	2015
24	M. Idrees	Evaluation of morphological characteristics of olive cultivars under the agro climatic conditions of Mardan	2015
25	Fida Hussain	Tree growth and fruit morphology of lemon varieties on Australian bigarade rootstock at GPU Sherkhana	2015
26	M. Asif Maqbool	Influence of IBA on hard wood cutting of kiwi fruit	2015
27	Waqas Khan	Propagation of santamaria on wild pear rootstock through different budding techniques	2015
28	JalaL Amin	To study the bud take success and budding growth of plum cultivars on peach Swat local rootstock	2015
29	Waqas Ahmad	Effect of manitol on potato conservation	2015
30	Rafeeullah	Performance of potato cultivars under the agro climatic conditions of Abbotabad	2016
31	Samiullah Shahid	The effect of different types of cutting on propagation of gardenia	2016
32	M. Noman Shoaib	The response of rooting of various olive cultivars to IBA.	2016
33	Akhtar Shah	Role of ARI Mingora in the development of floriculture in Swat	2016
34	M Azeem nisar	Evaluation of early maturing peach varieties in agro climatic condition of Swat	2016
35	Zari Said	Response of different concentration of indole butyric acid on olive air layering	2016
36	Syed Hashir Hussain	Response of sweet orange cv. tarocco to bud take success under screen house and field conditions	2017
37	Uzair Ali Shah	Effect of different media on air layering of ficus species	2017
38	Bilawal Ahmad	Response of rooting to various concentration of IBA in olive through air layering.	2017
39	Haris Khan	Effect of plant growth regulators and test tube seals of proliferation of callus in caralluma	2017
40	Inzimam ul Haq	Effect of trichoderma on the yield of onion bulbs in combination with compost and recommended fertilizers	2018
41	Adil Khan	Response of lecinio olive to different growing media propagated through mound air layering	2018
42	Shabirullah	Influence of aspirin solution on the rooting of peach	2019
43	Naveed Alam	Effect of foliar application of salicylic acid on eggplant	2019
44	Saleem ullah	Influence of aloe vera leaf extract on the rooting of peach	2019
45	Muhammad Raees	Effect of different media on moringa tree	2019
46	Asadullah	Effect of early maturing peach varieties in agro climatic condition of Swat	2019
47	Eisa Khan	Response of Korean grass to various nitrogen levels	2020
48	Shah Rukh Khan	Effect of different growing media on cassia javal	2020
49	Atif ur Rehman	Response of <i>ficus benjamina</i> to different planting dates	2020
50	Sawaira Gohar	Identification of ornamental flower at AMK	2020
51	Junaid Haider	Cost and revenue of marigold in district Peshawar and Nowshera	2020
52	Hameed ullah	Survey on different cultivation practices for the production of potato under the agro climatic conditions of district Mardan	2021
53	Mursaleen Ahmad	Effect of planting distance and organic fertilizers on growth of onion	2021
54	M. Shahab	Phonological and morphological study on strawberry crop under Katlang Mardan climate	2021

55	M. Arif Taj	Production value chain and marketing channels of cucumber in Mardan	2021
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PROJECTS

a. International

S.No	Project Title	Amount (million)	Period	Funding Sources	Position in the project
1.	Farmers training in approved orchard management techniques in the central Zone	Rs. 0.272	2001-02	Swiss Funded Project, PHP	Principal Investigator
2.	Fruit Orchard Decline in Central zone	Rs. 0.200	2001-02	Swiss Funded Project, PHP	Co. Principal Investigator
3.	Increasing citrus production in Pakistan and Australia through improved orchard management techniques	\$0.729	2007-10	Australian Funded project (ACIAR)	Project Incharge (for KPK)
4.	The enhancement of citrus value chains production in Pakistan and Australia through improved orchard management practices	\$1.3300	2011-14	-do-	-do-

b. National

S.No	Project Title	Amount (million)	Period	Funding Sources	Position in the project
1.	Restructuring of Horticulture Research and Development project in Khyber Pakhtunkhwa	Rs.9.121	2004-08	World Bank Funded ASLP under ARP-II	Incharge & Research Officer
2.	Research and development of floriculture in Khyber Pakhtunkhwa	Rs. 5.890	2008-09	-do-	Research Officer
3.	Strengthening vegetable seed & fruit nursery production in the five selected regions of Khyber Pakhtunkhwa	Rs.13.00	2008-12	ADP provincial Govt, KPK	-do-
4.	Conservation, Evaluation and Commercialization of Extinguishing Indigenous Fruit Varieties	Rs.13.00	2007-12	-do-	Principal Investigator
5.	Rehabilitation of flood affected land with new plantation of fruit orchards in Khyber Pakhtunkhwa	Rs.28.83	2012-15	ADP provincial Govt, KPK	Research Officer
6.	Collection, evaluation and commercialization of grape and Pomegranate germplasm in the agro climatic conditions of Central zone of Khyber Pakhtunkhwa	Rs.5.450	2012-14	-do-	-do-

FRUIT VARIETY DEVELOPMENT: 10 Nos.

BREEDER OF THE FOLLOWING VARIETIES (approved by Provincial Seed Council) through FSC&RD):

1. **Tarnab Carrizo** year 2021. Approved by Provincial seed council. Nisar Naeem, Kaman Shah, Abdul Rauf and Ghulam Nabi

2. **Abasin-2000** grape year 2000. Approved by Provincial seed council. (Breeders; Ghulam Nabi, Zafar Khan and Tasleem Jan)
3. **Tarnab Neembo** acid lime year 2004 (Directorate General Agric., Research University System, University of Agriculture Peshawar Minutes; 26th meeting of provincial Seed Council, No. 9313-38/DGR dated 09-09-2004. Agenda items No.3 S.No. 15 (Breeders; Ghulam Nabi and Jamsher Khan)
4. **Tarnab Inzar** fig 2004. (Directorate General Agric., Research University System, University of Agriculture Peshawar Minutes; 26th meeting of provincial Seed Council, No. 9313-38/DGR dated 09-09-2004. Agenda items No.3 S.No. 16 (Breeders; Ghulam Nabi, Noor Rehman, Ayub Jan and Jamsher Khan)
5. **Tarnab Gulabi** pomegranate year 2004. (Directorate General Agric., Research University System, University of Agriculture Peshawar Minutes; 26th meeting of provincial Seed Council, No. 9313-38/DGR dated 09-09-2004. Agenda items No.3 S.No. 18 (Breeders; Ayub Jan, Ghulam Nabi, and Jamsher Khan)
6. **Tarnab Chaghzi** pecan nut 2005. (Directorate General Agric., Research University System, University of Agriculture Peshawar Minutes No. 11618-41/A. 40/1/Tech/DGR dated 17-10-2005. Agenda items No.3-2. (Breeders; (breeders; Ghulam Nabi, Jamsher Khan and Niaz Muhammad)
7. **Sherkhana-1** sweet orange year 2010 (Govt. of KP, Agric. Livestock & Coop., Deptt. Notification No. SOAII(AD)7(8)/2009/Vol-VII dated 23/06/2010. (S.No.E- 1) (Breeders; Abdul Samad, Ghulam Nabi, and Nisar Naeem)
8. **Tarnab Malta** sweet orange year 2010 (Govt. of KP, Agric. Livestock & Coop., Deptt. Notification No. SOAII(AD)7(8)/2009/Vol-VII dated 23/06/2010. (S.No.E- 2) (Breeders; Abdul Samad, Ghulam Nabi, and Nisar Naeem)
9. **Shamber Tarnab** grapefruit year 2013 (Govt. of KP, Agric. Livestock & Coop., Deptt. Notification No. SOAII(AD)7(8)/2007/Vol-VII dated 27/05/2013. (S.No.4) (Breeders; Abdul Samad, Ghulam Nabi, and Nisar Naeem)
10. **Reed Tarnab** grapefruit year 2013 (Govt. of KP, Agric. Livestock & Coop., Deptt. Notification No. SOAII(AD)7(8)/2007/Vol-VII dated 27/05/2013. (S.No.5) (Breeders; Abdul Samad, Ghulam Nabi, and Nisar Naeem).

Training courses

a. Foreign : 7 Nos.

S.No	Description	Institution	From	To
1.	Citrus pruning workshop	Department of Primary Industry NSW, Australia	19 th Feb, 2009	--
2	Citrus Nutrition workshop	Department of Primary Industry NSW, Australia	20 th Feb, 2009	==
3	Soil & Irrigation management course	Department of Primary Industry NSW, Australia	24 th Feb, 2009	25 th Feb, 2009
4	Citrus propagation & nursery workshop	Department of Primary Industry NSW, Australia	26 th Feb, 2009	==
5	Irrigation management training	Dareton Primary industries institute NSW, Australia	11 th August 2014	15 th August 2014
6.	Crop management techniques	Dareton Primary industries institute NSW, Australia	18 th August 2014	20 th August 2014
7	Exposure to Australian citrus industry	Sunraysia and Dareton regions, Primary industries institute NSW, Australia	21 th August 2014	22 nd August 2014

b. In country : 19 Nos.

S.No	Description	Institution	From and To
1.	Second training in Non-Conventional Oilseed Crop Production and Protection	NIFA, Peshawar.	October 29-30, 1991
2.	Training course in nuclear and other advanced techniques in Food and Agricultural Research	NIFA, Peshawar.	Dec 22, 1991 to Jan 02, 1992
3.	Programme Development and Technology Transfer	Khyber Pakhtunkhwa AUP	Feb 3-4, 1993
4.	Workshop on Developing Insect and Plant Disease Management Programs for Fruits and Vegetables	Khyber Pakhtunkhwa AUP	April 28-29, 1993
5.	Extension Methodology and improving teaching skill workshop	Agriculture Research Institute Tarnab, Peshawar	June 6-8, 1993
6.	Computer Application in Agricultural using WordPerfect, Lotus and Mstatc workshop	-do-	June 15-30, 1994
7.	Interviewing Skills	Pakistan Academy for Rural Development (PARC), Peshawar	Jan., 09 to 12, 1995
8.	PRA (Participatory Reflection and Action) training course (a modern tool to enable the farmer to analyze the problem and reflect on it) organized by Pak-Swiss aid project PHP	ARI Tarnab, Peshawar	8 th to 17 th March, 2002
9.	3 rd national stone and early summer fruit, flowers and honey show organized by "The Horticultural Foundation of Pakistan" and Pakistan Export Promotion Bureau	Islamabad	Jun 1 st to 3 rd , 2001
10.	Participated "Poverty alleviation through sustainable Agricultural" workshop	Bara Gali, Abbottabad, Hazara.	25 th to 27 th July, 2002
11.	Training workshop on project proposal development and report writing organized by Pak-Swiss aid project PHP.	ARI Tarnab Peshawar	May 19 th to 23 rd 2003
12.	Workshop on road map for sustainable Agricultural development in Khyber Pakhtunkhwa organized by Khyber Pakhtunkhwa Agricultural University Outreach department.	Khyber Pakhtunkhwa Agricultural University Peshawar	June 25-26, 2003
13.	National Mango and Summer fruits Exposition organized by "The Horticultural Foundation of Pakistan" and Pakistan Export Promotion Bureau	Islamabad	July 11 th to 13 th 2003
14.	Environmental impact Assessment for project development project	(PARC), Peshawar	Sep., 21-23, 2004
15.	Natural Resource Management Through Community Participation	(PARC), Peshawar	March 15-17, 2005
16.	Soil texture and moisture determination and the use of Tensiometers in citrus orchard under ASLP Citrus Australia	ORI Sargodha Punjab	May 22 to 24, 2008
17.	Project preparation	NARC, Islamabad	10-12 November, 2008
18.	Five days training 'Effective local leadership development'	(PARC), Peshawar	8- 12 December, 2009
19.	Statistics and economic analysis of experimental data using statistical software	Agricultural Polytechnic Institute NARC Islamabad	21-26 May, 2012

Participation In Conferences:

National conferences:

- Phenology of citrus held on 9-10 May 2011 in Citrus growers conference at the University of Agriculture Faisalabad (Punjab) under The Agriculture Sector Linkage Program Australia.
- Grapes cultivation in NWFP (Khyber Pakhtunkhwa) held on April, 2000 in National conference on promotion of Grapes cultivation in Pakistan organized by The Agricultural Foundation of Pakistan, Islamabad.
- Kiwi fruit cultivation held on April, 2000 in National conference on promotion of Grapes cultivation in Pakistan organized by The Agricultural Foundation of Pakistan, Islamabad.

International conferences:

- Poster presentation “*Evaluation of sweet orange (Citrus sinensis) scion varieties on Bigarade rootstock in Malakand division* under the ASLP citrus project” by Nisar, N., Nabi, G., Samad, A and Khurshid, T. held on 17-22 August, 2014 in 29th International Horticulture Congress, 2014 Brisbane Australia
- Poster presentation “*The effect of furrow and flood irrigation system on water use efficiency and yield of sweet orange*” under the ASLP citrus project” held on 17-22 August, 2014 in 29th International Horticulture Congress, 2014 Brisbane Australia
- Presentation on *Effect of orchard floor management practices on soil physical properties, growth and yield of Kinnow (Citrus Reticulata Blanco)* by Hafeez ur Rahman, Ghulam Nabi, Tussif Tahir, and Mukhtiar Ahmed, under the ASLP citrus project” held on 17-22 August, 2014 in 29th International Horticulture Congress, 2014 Brisbane Australia
- Presentation on “*Enhancement of citrus industry through improved production Practices in Pakistan under the Ausaid program.*” Iftikhar Ahmad, Tahir Khurshid, Ghulam Nabi, Jafar Jiskani, Nisar Naeem, Akbar Hayyat, Tauseef Tahir, Wajid Ali and Hafeez-Ur-Rahman, held on 17-22 August, 2014 in 29th International Horticulture Congress, 2014 Brisbane Australia
- Presentation on “*Evaluation of lemon varieties on Australian Bigarade rootstock*”. Ghulam Nabi, Abdurrahman, Abdul Samad, Nisar Naeem and Noor ul Amin held on 18-20 Feb, 2016 at the Institute of Horticultural Sciences University of Agriculture Faisalabad Pakistan.
- Presentation on “*Effect of different environment condition on different types of sweet lime cuttings*”. Ibrar Hussain, Ghulam Nabi, Ayub Jan, Hafeez ur Rehman, and Kamran Shah held on 18-20 Feb, 2016 at the Institute of Horticultural Sciences University of Agriculture Faisalabad Pakistan.

TEACHING EXPERIENCE:

I have been teaching the following course since 2012 to graduate and post graduate students of Department of Horticulture.

Ph.D course

1. Hort-708; Citriculture

MSc. (Hons) Courses

1. Hort-705; Mineral nutrition of Horticultural crops
2. Hort-703; Vegetable Breeding
3. Hort-701; Advance fruit science

B.Sc (Hons) Courses

1. Hort-601: Research methods in Horticulture
2. Hort-604: Breeding of Horticulture crops
3. Hort. 510: Project Planning and Scientific Writing

4. Hort. 608: Temperate Fruits
5. Hort-501: Principles of fruit production
6. Hort-504: Nursery management & certification System
7. Hort-602: Minor fruits
8. Hort-505: Arid zone Horticulture

ADDITIONAL RESPONSIBILITY PERFORMED:

- **Reviewer of research journals:**

- I. Sarhad Journal of Agriculture by University of Agricultural Peshawar (letter No. 10/SGA dated 17:02:2006 on the subject "Panel of Expert")

- II. Pakistan Journal of Agricultural Sciences University of Agriculture Faisalabad, PK

- Worked as a **Horticulture expert in Farm Services Centre (FSC)** under the KPK Agricultural Minister package for the appraisal of farmer's economical status for Peshawar and Charsadda Districts.

- **Student Advisory Services:** Providing advisory services to five postgraduate students as co-advisor in their Research trials.

- **Radio and TV Talks:**

A regular talker for radio Pushto programme 'Kalay Ulas' about various horticultural information/activities to the farmers. I talked on the following topics in PTV World Agriculture Program "**Kissan Time**";

- Citrus Research at Agriculture Research Institute Tarnab, Peshawar,
- Stone fruit nursery production techniques
- Propagation technique of guava
- Citrus management in GPU Sher Khana Malakand
- Tarnab Gulabi a new variety of pomegranate for cultivation in NWFP.