

# CURRICULUM VITAE

**DR. AYESHA KHAN**  
D/O  
MINHAJUD - DIN KHAN

## JOB OBJECTIVE:

To work with an aim to gain valuable hands on experience and professional skills in an organization which provides a challenging, learning and developing atmosphere.

## ACADEMIC QUALIFICATION:

<b>NIC #:</b>	<b>17301-3115545-4</b>	PhD in Agriculture	2013	The University of Agriculture, Peshawar
<b>D.O.B :</b>	<b>17-11-1978</b>	M. Sc (Hon) Agriculture	2002	NWFP Agricultural University Peshawar
<b>Religion:</b>	Islam	B. Sc (Hon) Agriculture	2000	NWFP Agricultural University Peshawar
<b>Nationality:</b>	Pakistani	F. Sc. (Pre Medical)	1996	BISE Peshawar
<b>Marital Status:</b>	Married	SSC (Science)	1994	University Model School Peshawar (BISEP)

## MAJOR SUBJECTS STUDIED

- Extension Education
- Programe Planning and Evaluation
- Advance Communication Strategies
- Supervision and Administration
- Statistics
- Advance Weed Ecology
- Agricultural Economics
- Social Science Research Methods
- Introduction to Computer Science

## PROFESSIONAL EXPERIENCE:

- Lecturer, NWFP Agricultural University, Peshawar. (BPS-17). 18<sup>th</sup> Jan 2005- 27<sup>th</sup> Jan 2007
- Lecturer, NWFP Agricultural University, Peshawar. (BPS-18). 28<sup>th</sup> Jan 2007- 26<sup>th</sup> Dec 2009
- Assistant Professor, The University of Agriculture, Peshawar. (BPS-19). 27<sup>th</sup> Dec 2009- 17<sup>th</sup> Sep 2017.
- Associate Professor, The University of Agriculture, Peshawar. (BPS-20). 18<sup>th</sup> Sep 2017- Till date.
- Teaching to PhD, M.Sc (Hons) and B.Sc (Hons) students in the Department of Agricultural Extension Education and Communication.

## SKILLS & DISTINCTIONS:

- Gold Medal in B. Sc (Hons) Agriculture.
- Bronze Medal in M. Sc (Hons) Agriculture.
- Good working knowledge of Windows 7/XP/2003, MS Office, SPSS, Internet, Typing.

## RESEARCH :

- Analysis of Barriers to Communication regarding Production Technology among Researchers, Extension Personnel and Farmers in Khyber Pakhtunkhwa: Pakistan. PhD Dissertation.
- A Need for Urban Extension Services: A Case-Study of Hayatabad Township. M. Sc. (Hons) Thesis.
- Currently supervising M.Sc (Hons) and PhD students, supervised PhD and M.Sc (Hons) level dissertation/thesis, also provided supervision for M.Sc (Hons) student and B.Sc (Hons) students for review paper, internship reports and special problems.

## Postal Address:

House no. 174, Street 1, Private  
Professor Colony, Peshawar.  
Cell: +923444472038

## Permanent Address:

House no. 174, Street 1, Private  
Professor Colony, Peshawar.  
Cell: +923444472038

## E-mail

[ayesha@aup.edu.pk](mailto:ayesha@aup.edu.pk)

## PUBLICATIONS:

- **Ayesha Khan** and Minhajud-din khan. 2005. "The other Facet of Rural Pakistan- Urban Domestic Horticulture- Development and Promotion". Journal of Rural Development and Administration. XXXVI (1-4): 128-143.
- Urooba Pervaiz, **Ayesha Khan**, Rukhsana Javed and Jehan Zeb. 2008. "Production Constraints of Guava in District Kohat". Sarhad Journal of Agriculture. 24 (3):549-554. ISSN: 1016-4383 (Print).
- Muhammad Zafarullah Khan, Khalid Nawab, Javed Ullah, Sajid Ahmad, Mubashir Habib, Urooba Pervaiz, **Ayesha Khan**, Saleem Khan, Iftikhar Ahmad, Saeed Mahfooz and Abdul Manan. 2008. "Computer Skills: Assessment of the Professional Competencies of Agriculture Officers in NWFP-Pakistan". Sarhad Journal of Agriculture. 24 (3): 541-548. ISSN: 1016-4383 (Print).
- **Ayesha Khan**, Urooba Pervaiz, Noor Maula Khan, Sohail Ahmad and Shaheen Nigar Shaukat. 2009. "Effectiveness of Demonstration Plots as Extension Method Adopted by AKRSP for. Agricultural Technology Dissemination in District Chitral". Sarhad Journal of Agriculture. 25 (2):313-319. ISSN: 1016-4383 (Print).
- Urooba Pervaiz, **Ayesha Khan**, Noor Maula Khan, Ikramul Haq, Qasim Khan, M. Idress, Sohail Ahmad and Iftikhar Ahmad. 2009. "The Role of NTRI in Tea Production". Sarhad Journal of Agriculture. 25 (2):349-353. ISSN: 1016-4383 (Print).
- Nafees Ahmad, Muhammad Israr, Shaheen Nigar Shaukat, Malik Muhammad Shafi and **Ayesha Khan**. 2009. "Role of Village Organizations in the Execution of Malakand Rural Development Project Interventions in Northern Pakistan". Sarhad Journal of Agriculture. 25 (4):657-663. ISSN: 1016-4383 (Print).
- Muhammad Israr, Nafees Ahmad, Shaheen Nigar Shaukat, Malik Muhammad Shafi and **Ayesha Khan**. 2009. "Village Organizations Activities for Rural Development in North West Pakistan: A Case Study of Two Union Councils of District Shangla". Sarhad Journal of Agriculture. 25 (4):641-647. ISSN: 1016-4383 (Print).
- Urooba Pervaiz, Muhammad Akram, Khalid Nawab, **Ayesha Khan**, Muhammad Zafarullah and Niaz Muhammad. 2010. Productivity Enhancement through Tubewell Irrigation. Sarhad Journal of Agriculture. 26(1): 97-102. ISSN: 1016-4383 (Print).
- **Ayesha Khan** and Urooba Pervaiz. 2010. Problems faced by Urban Residents in Performing Urban Domestic Horticulture in Hayatabad Township. Sarhad Journal of Agriculture. 26(1): 103-109. ISSN: 1016-4383 (Print).
- Urooba Pervaiz, Dawood Jan, Muhammad Zafarullah, and **Ayesha Khan**. 2012. Women in agricultural decision making: Pakistan's experience. Sarhad Journal of Agriculture. 28(2): 361-364. ISSN: 1016-4383 (Print), 2224-5383 (Online).
- **Ayesha Khan** and Muhammad Akram. 2012. Farmers Perception of Extension Methods Used By Extension Personnel for Dissemination of New Agricultural Technologies In Khyber Pakhtunkhwa: Pakistan. Sarhad J. Agric. 28(3): 511-520. ISSN: 1016-4383 (Print), 2224-5383 (Online).
- **Ayesha Khan**, Muhammad Akram, Ghulam Farooq, Khalid Nawab and Urooba Pervaiz. 2012. Language as a tool for effective communication between farmers and change agents in Khyber Pakhtunkhwa, Pakistan. Sarhad J. Agric. 28(4): 667-674. ISSN: 1016-4383 (Print), 2224-5383 (Online).
- Zeeshan Ahmad, Shujaul Mulk Khan, Shahab Ali, Inyat Ur Rahman, Hussan Ara, Iram Noreen and **Ayesha Khan**. 2016. Indicator species analysis of weed communities of maize crop in district Mardan, Pakistan. Pakistan Journal of Weed Science Research. 22 (2): 227-238. ISSN: 1815-1094.

- Laila Khurshid, Muhammad Zafarullah Khan, Urooba Pervaiz, **Ayesha Khan** and Asif Nawaz. 2017. Role of agricultural extension agents in transfer of onion production technology in district Swat. *International Journal of Agricultural and Environmental Research*. 3 (1):158-164. ISSN: 2518-6116 (Print), 2414-8245 (Online).
- **Ayesha Khan**, Urooba Pervaiz, Khalid Nawab and Muhammad Zafarullah. 2017. Information sources as tool for solving farmers problems in Khyber Pakhtunkhwa (Pakistan). *Journal of Asian Development Studies*. 6(2): 6-14. ISSN: 2304-375X. **Index Copernicus (IC Impact 5.81), Global Impact Factor (0.298)**.
- Urooba Pervaiz, Abdus Salam, **Ayesha Khan**, Mahmood Iqbal and Rahmatullah. 2017. Factors affecting adoption of improved tomato technologies in District Mardan. *Journal of Asian Development Studies*. 6 (3): 54-62. ISSN: 2304-375X. **Index Copernicus (IC Impact 5.81), Global Impact Factor (0.298)**.
- Urooba Pervaiz, Abdus Salam, Dawood Jan, **Ayesha Khan** and Muhammad Iqbal. 2018. Adoption constraints of improved technologies regarding tomato cultivation in district Mardan, KP. *Sarhad Journal of Agriculture*. 34 (2):428-434. ISSN: 1016-4383 (Print), 2224-5383 (Online). DOI: <http://dx.doi.org/10.17582/journal.sja/2019/34.2.428.434>
- Asmatullah, **Ayesha Khan**, Urooba Pervaiz and Rehmat Ullah. 2019. Effects of fermenter technology on the yield of various crops in Khyber Pakhtunkhwa Pakistan. *Asian Journal of Agricultural Extension, Economics and Sociology*. 31(1): 1-6. ISSN: 2320-7027. DOI: <https://doi.org/10.9734/AJAEES/2019/v31i1130122>
- **Ayesha Khan**, Zubair Ahmad Khan, Urooba Pervaiz and Mahmood Iqbal. 2019. Extension agents perception regarding constraints to adoption of improved agricultural practices by farmers. *Sarhad Journal of Agriculture*. 35 (2):342-348. ISSN: 1016-4383 (Print), 2224-5383 (Online). DOI: <http://dx.doi.org/10.17582/journal.sja/2019/35.2.342.348>
- Ayat Ullah and **Ayesha Khan**. 2019. Effect of extension-farmers contact on farmers' knowledge of different pest management practices in the rain-fed districts of Khyber Pakhtunkhwa, Pakistan. *Sarhad Journal of Agriculture*. 35 (2):602-609. ISSN: 1016-4383 (Print), 2224-5383 (Online). DOI: <http://dx.doi.org/10.17582/journal.sja/2019/35.2.602.609>
- Muhammad Zafarullah Khan, Abdul Khaliq, Rahmatullah, Mehmood Iqbal, Urooba Pervaiz and **Ayesha Khan**. 2019. Model farm services centers' contribution in enhancing peach production: evidence from remote areas of Northern Pakistan. *International Journal of Biosciences (IJB)*. 15 (1):302-309. ISSN: 2220-6655 (Print), 2222-5234 (Online). DOI: <http://dx.doi.org/10.12692/ijb/15.1.302-309>
- Ayat Ullah, Muhammad Arshad, Harald Kachele, **Ayesha Khan**, Nasir Mahmood and Klaus Muller. 2019. Information asymmetry, input markets, adoption of innovations and agricultural land use in Khyber Pakhtunkhwa, Pakistan. *Land Use Policy*. 90 (2020). <https://doi.org/10.1016/j.landusepol.2019.104261> **Impact Factor (3.682)**.
- Shahzad Malik and **Ayesha Khan**. 2019. Strengthening the agriculture domain in central plain valley of Khyber Pakhtunkhwa by public and private agriculture extension system. *International Journal of Biosciences (IJB)*. 15 (5):173-181. ISSN: 2220-6655 (Print), 2222-5234 (Online) DOI: <http://dx.doi.org/10.12692/ijb/15.5.173-181>.
- Arshad Jalal, Shahan Shah, Marcelo Carvalho Minhoto Teixeira Filho, **Ayesha Khan**, Tariq Shah, Zawar Hussain, Muhammad Younis and Muhammad Ilyas. 2020. Yield and phenological indices of wheat as affected by exogenous fertilization of Zinc and Iron. *Revista Brasileira de Ciencias Agrarias*. 15(1):e7730. ISSN (online): 1981-0997. DOI: <https://doi.org/10.5039/agrarian.v15i1a7730>. **Impact Factor (0.22)**.

- Arshad Jalal, Shahen Shah, Marcelo Carvalho Minhoto Teixeira Filho, **Ayesha Khan**, Tariq Shah, Muhammad Ilyas and Poliana Aparecida Leonel Rosa. 2020. Agro-Biofortification of Zinc and Iron in wheat grains. *Gesunde Pflanzen* (Springer). 72 (3): 227-236. ISSN (online): 1439-0345. <https://doi.org/10.1007/s10343-020-00505-7>. **Impact Factor (0.738)**.

#### **CHAPTER:**

- Arshad Jalal, Kamran Azeem, Marcelo Carvalho Minhoto Teixeira Filho and **Ayesha Khan**. 2020. "Enhancing soil properties and maize yield through organic and inorganic nitrogen and diazotrophic bacteria". In *sustainable crop production*. IntechOpen. DOI:<http://dx.doi.org/10.5772/intechopen.92032>. Available from: <https://www.intechopen.com/books/suitable-crop-production/enhancing-soil-properties-and-maize-yield-through-organic-and-inorganic-nitrogen-and-diazotrophic-ba>

#### **TRAININGS:**

- Training Course on "Computer for Students" held at Petroman Training Institute, from June 23- Aug 10, 1997.
- Short Course on "Basic Concepts of Chemistry" held at Department of Chemistry, University of Peshawar, from Aug 25- 4 Sept, 1997.
- Training Course on "Weed Science" held at NWFP Agricultural University, from Oct 1-6, 2001.
- Workshop on "Violence Against Women" held at Pakistan Academy for Rural Development, Peshawar from Dec 27-28, 2005.
- Training Course on "Role of Statistics in Social Research" held at Pakistan Academy for Rural Development, Peshawar from July 24-28, 2006.
- Workshop on "Research Report Writing and Presentation in Plant Sciences" held at NWFP Agricultural University, Peshawar from March 10-15, 2008.
- Workshop on "Advanced Research Techniques and Research Management in Life Sciences" held at NWFP Agricultural University, Peshawar from 11-12 March, 2009.
- "National Workshop on Recent Trends in agriculture" held at Department of Agronomy, NWFP Agricultural University, Peshawar from Feb 2-3, 2010.
- "International Symposium on Institutional Linkages for Agriculture Development in Pakistan" held at Khyber Pakhtunkhwa Agricultural University, Peshawar from Dec 20-21, 2011.
- National Conference on "Thinking Climate Change Adaptation in Water and Farming: Think-Adapt, 2016". Organized by Climate Change Centre, held at The University of Agriculture Peshawar, Pakistan from Nov 28-30, 2016.
- Training Workshop on Research Tools and Techniques: "SPSS and Research Methodology" held on March 2-3, 2017 at The University of Agriculture, Peshawar, Pakistan.
- International Conference on "Innovations in Agriculture" held on 28-29 March, 2017 at Institute of Biotechnology and Genetic Engineering, The University of Agriculture Peshawar, Pakistan.
- Training Workshop on "How to Write a Worth Publishing Research Paper" held on October 18-19, 2017 at The University of Agriculture, Peshawar, Pakistan.

- National Conference on “Climate Smart Agriculture and Crop Modeling”. Organized by Department of Agronomy, held at The University of Agriculture Peshawar, Pakistan from 18-19 April, 2018.
- International Conference on “Strategies for ensuring Food Security in the Changing Climate”. Organized by Department of Agronomy, the University of Agriculture; Food and Agriculture Organization of United Nations; Pakistan Science Foundation; Pakistan Society of Scientific Research, and Sustainable Land Management Project-II KP, held at The University of Agriculture Peshawar-Pakistan from 23-24, October 2019.

**LANGUAGES:**

- English, Urdu, Pashto and Hindko.