

CURRICULUM VITEA

Name: Sultan Akbar Jadoon
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Date of Birth: April 30th, 1978
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ACADEMIC RECORD:

Degree	Year of Passing	Marks/CGPA	Grade/Division	%age	Institution
Ph.D	2011	3.81/4.00	A/1 st	85	The University of Agriculture Peshawar
M.Sc. (Hons) Agriculture	2004	3.69/4.00	A/1st	81	The University of Agriculture Peshawar
B.Sc. (Hons) Agriculture	2002	3.46/4.00	B ⁺ /1st	77	The University of Agriculture Peshawar
F.Sc. Pre Medical	1997	612/1100	C ⁺ /2nd	56	BISE Abbottabad
S.S.C	1995	585/850	B ⁺ /1st	69	BISE Abbottabad

ACADEMIC RESEARCH:

1. Ph.D. dissertation on "Population differences and inheritance studies in F₂ wheat populations"
2. M.SC. (Hons) thesis on "Specific Combining Ability in Sunflower"
3. B.Sc. (Hons) Special Problem on "Genetic variability in Wheat"
4. B.Sc. (Hons) Review Paper on "Doubled Haploid Production in wheat"

RESEARCH EXPERIENCE:

- Working as Assistant Professor in department of Plant Breeding & Genetics, University of Agriculture Peshawar-Pakistan since December 08, 2016 till date.
- Worked as Lecturer in department of Plant Breeding & Genetics, University of Agriculture Peshawar-Pakistan from June 26, 2014 till December 07, 2016.
- Worked as Assistant Professor at faculty of Agriculture, University of Swabi, from July 05, 2012 to June 26th, 2014.
- Worked as Research Associate (March 17, 2008 – June 30th, 2012) in PARC/RADP developmental project on "Development of sunflower and canola hybrids and canola type

mustard varieties” funded out of PSDP at Oilseeds Research Program Crop Sciences Institute (CSI), NARC Islamabad.

- Worked as Examiner Plant Breeding (January 17th - March 16, 2008) in MINFAL project on “Strengthening of Intellectual Property Rights System in MINFAL”.
- Worked as Research Fellow (August 01, 2006- September 30, 2007) in PARC Funded Project on “Developing Forage plus Grain winter wheat production system in Northern Areas” in the department of Plant Breeding and Genetics, KP Agricultural University Peshawar.
- Worked as Research Fellow for three years (August 01, 2003- July 31, 2006) in PARC Funded ALP-Project on “Production of Doubled Haploid wheat with Longer Coleoptile” in the department of Plant Breeding and Genetics, KP Agricultural University Peshawar.

TEACHING ACHEIVEMENTS:

GRADUATE COURSES TAUGHT

- PBG-311 Introductory Genetics
- PBG-401 Introductory Plant Breeding
- PBG-515 Breeding Vegetable Crops
- PBG-506 Breeding Pulse Crops
- PBG-504 Morphology & Reproductive System in Crop Plants
- PBG-512 Breeding Cereal Crops
- PBG-603 Breeding Oilseed Crops
- PBG-602 Fundamentals of Plant Biometry

POST GRADUATE COURSES

- PBG-701 Principles of Plant Breeding
- PBG-703 Advanced Genetics
- PBG-708 Population Genetics
- PBG-713 Evolution of Field Crops
- PBG-719 Hybrid Seed Production in Field Crops

STUDENTS SUPERVISION

M.Sc. (HONS)

YEAR	NAME	TITLE
2017	Saad Saeed	Genotype by environment interaction for yield and yield associated traits in bread wheat
2017	Hayat Mustafa	Genotype × environment interaction and correlation studies in bread wheat genotypes
2018	M. Yousaf Malik	Heritability estimates for yield and related traits under different environments in wheat

2018	M. Ismail Khan	Genotype by environment for yield and yield components in wheat under irrigated and rainfed conditions
2019	S. A. Zuhair	Genetic variability for morpho-physiological traits of wheat across different environments
2019	Salman Ali	Heritability estimates for morpho-physiological traits in exotic wheat genotypes under irrigated and rainfed conditions
2019	Johar Raza Khan	Heterotic studies in seed potato F ₁ hybrids
2020	Jawad Ali Shah	Genetic diversity for morpho-physiological traits in bread wheat
2020	Arbab Sarfaraz	Genetic parameters in wheat under different plantings and moisture environments
2020	Shuja ur Rahman	Estimates of genetic parameters for some production traits in wheat under two environments
2021	Farooq Ahmad Khan	Estimates of heritability and genetic advance in bread wheat under different sowing windows
2022	Muhammad Nasir Iqbal	Heterosis and combining ability studies in white maize using 6x6 half diallel mating design
2022	Salman Khan	Heterosis and combining ability studies in yellow maize using 6x6 half diallel mating design
2022	Tufail Ahmad	Heritability and genetic advance for yield traits in F ₃ wheat populations under irrigated and rainfed environments
2023	Hamid Ullah Khan	Genetic Improvement in yield related traits of wheat under irrigated and rainfed conditions
2023	Zainab	Genetic divergence for yield and yield components in wheat using different stress tolerance indices
2023	Husnain Arif	Estimation of heritability, correlation and Genetics Advance for yield and related traits in wheat under normal and late sown conditions
2023	Mian Okaash Ali	Genotype by Environment Interaction for production traits in bread wheat (<i>Triticum aestivum</i> L.)
2024	M. Kashif Nawaz	Identification of high yielding wheat genotypes under water stress and irrigated conditions
2024	M. Ihtesham Waheed	Genotype by environment interaction for yield and yield related traits in wheat

RESEARCH ACTIVITIES:

- **Research Associate in Oilseed Research Program, NARC:**
 - a) Actively involved in the development and maintenance of sunflower inbred lines (A, B and R lines) for hybrid development.
 - b) Development of sunflower hybrids
 - c) Evaluation of indigenous sunflower hybrid combinations
 - d) Conducted multi-location trials on sunflower during the period of 2008 to 2012, collected field data, analyzed the data and compiled technical progress reports.
- **Research Fellow (ALP Projects):**
 - a) Conducted wheat trials at high altitudes of Kaghan, Abbottabad, Mansehra, Swat and Chitral and also at plains of Peshawar and Nowshera during 2003-2007.
 - b) Collected field data, analyzed the data and compiled progress reports.
 - c) Involved in intergeneric hybridization between wheat and maize for doubled haploid wheat production.
 - d) Involved in preparation of tissue culture media.
 - e) Carried out haploid embryo rescuing, transplantation and colchicine's treatment.
 - f) Assist Principle Investigators of the projects in compilation of quarterly as well as annual technical progress reports

RESEARCH PUBLICATIONS:

1. Inamullah, F. Mohammad, G. Hassan, S. Din and **S. Akbar**. 2005. Genetics of important traits in bread wheat using diallel analysis. *Sarhad J. Agric.* 21 (4): 617-622.
2. Mohammad F., **S. A. Jadoon**, S. M. Rashid and S. Shaheen. 2006. Heritability estimates for coleoptile length and other traits in Bread wheat. *Sarhad J. Agric.* 22 (3): 405-408.
3. Ullah H., I. Ullah, **S. A. Jadoon** and H. Rashid. 2007. Tissue culture techniques for callus induction in Rice. *Sarhad J. Agric.* 23(1): 81-86
4. Ali M., F. Mohammad, **S. A. Jadoon** and F. Ahmad. 2007. Performance of wheat segregating populations at high altitudes of Kaghan. *Sarhad J. Agric.* 23 (4): 981-984.
5. Khalil I. H., **S. A. Jadoon** and G. Hassan. 2008. Effect of forage clipping on grain yield and associated traits of winter wheat in northern Pakistan. *Sarhad J. Agric.* 24 (3): 143-150.
6. Arshad M., M. A. Khan, **S. A. Jadoon** and A.S. Mohmand. 2010. Factor analysis in sunflower (*Helianthus annuus* L.) for investigating desirable hybrids. *Pak. J. Bot.* 42(6):4393-4402.
7. Mohammad, F., O.S. Abdalla, S. Rajaram, A. Yaljarouka, N.U. Khan, A Z. Khan, S.K. Khalil, I.H. Khalil, I. Ahmad and **S. A. Jadoon**. 2011. Additive main effect and multiplicative analysis of synthetic-derived bread wheat under varying moisture regimes. *Pak. J. Bot.* 43(2): 1205-1210.
8. **Jadoon, S. A.**, F. Mohammad, H. Ullah and I. H. Khalil. 2012. Gene action for pre and post-harvest traits in F₂ wheat populations. *QScience Connect* 2012:**11**
<http://dx.doi.org/10.5339/connect.2012.11>

9. Azam, S. M., F. Mohammad, I. Ahmad, I. H. Khalil, **S. A. Jadoon** and A. Nasim. 2013. Divergence in F₃ segregating bread wheat populations. Intl. J. B & A. Sci. 13(3):94-99
10. Ahmad, I., F. Mohammad, A. Zeb, I. R. Noorka, Farhatullah and **S. A. Jadoon**. 2013. Determination and inheritance of phytic acid as marker in diverse genetic group of bread wheat. Am. J. Mol. Bio. 3: 158-164.
11. **Jadoon, S. A.**, H. Ullah, F. Mohammad, I.H. Khalil, M.Alam, D. Shahwar, M.F.A. Malik and Y. Jamal. 2013. Impact of clipping treatments on performance of winter wheat. Genet. Mol. Res. 12(4): 5283-5288.
<http://dx.doi.org/10.4238/2013.November.7.3>
12. Ahmad, I., **S.A.Jadoon**, A.Said, M.Adnan, F. Mohammad and F.Munsif. 2017. Response of sunflower varieties to NPK fertilization. Pure and Applied Biology. 6(1): 272-277.
<http://dx.doi.org/10.19045/bspab.2017.6004>
13. Ahmad, I., F. Mohammad, S. Taj, F. Munsif, M.U. Rahman and **S.A. Jadoon**. 2017. Performance of F₁ hybrids in sunflower under the climatic conditions of Peshawar valley. Intl. J. Agril. Envir. Res. 3(1): 111-115
14. Haq, A.U., N.U. Khan, H.Raza, S. Gul, **S.A. Jadoon**, S.U. Khan, S. Muhammad, M.Ali. H. Khan and S.M. Khan. 2017. Genetic attributes of F₃ populations and their parental lines in upland cotton. J. Anim. Plant Sci. 27(2): 655-666.
15. Ahmad, I., F. Munsif, W. Ahmad and **S.A. Jadoon**. 2017. Weed flora of Amir Muhammad Khan campus Mardan, Pakistan. Pak. J. Weed Sci. Res. 23(3): 323-336.
16. **Jadoon, S.A.**, F. Mohammad, I.H. Khalil and Z.A. Swati. 2017. Inheritance pattern of five yield related characters in F₂ wheat populations. Asian Journal of Advances in Agricultural Research. 4(2): 1-7.
<http://dx.doi.org/10.9734/AJAAR.2017.35439>
17. Ali, S., N.U. Khan, A. Farid, A. Khan, I. Hussain, K. Naveed, N. Ali, I. Ali, **S.A. Jadoon** and M. Iqbal. 2018. Contribution of yield and yield related traits toward grain yield in maize F₁ hybrids. Pure and Applied Biology.
<http://dx.doi.org/10.19045/bspab.2018.70009>
18. Ullah, N., H. Ullah, K. Afridi, M. Alam, **S.A. jadoon**, W. U. Khan, M. Ahmad and H. Uddin. 2018. Genetic variability, heritability and correlation analysis among morphological and yield traits in wheat advanced lines. BioDicon. 11(1): 166-177
19. Shah, J.A. , M. Mujtaba, S.A. Jan, **S.A. Jadoon**, M.A. Rabbani, A. Ghafoor, M. Jahanzeb and H. Khursheed. 2018. Estimation of spatial genetic structure in inter-regional populations of *Trigonella foenum-gracium* L. species through phenotypic variation and seed protein profiling. Genetika 50(1):171-185.
<http://dx.doi.org/10.2298/GENSR1801171S>
20. Ahmad, Q., F. Mohammad, S. Ahmad, **S.A. Jadoon**, I. Ali and A. Din. 2019. Comparative genetic analysis for yield and quality traits in flue cured Tobacco. Sarhad J. Agric. 35(2): 500-512.

21. Ahmad, I., F. Munsif, W. Ahmad and **S.A. Jadoon**. 2019. Diversity in the weed flora of Swabi Khwar – A water body in Swabi district Khyber Pukhtoonkhwa-Pakistan. Pak. J. Weed Sci. Res. 25(3): 209-221.
22. Ahmad M., M.R. Khattak, **S.A. Jadoon**, A. Rab, A. Basit, I. Ullah, M.A. Khalid, I. Ullah, and M. Shair. 2019. Influence of zinc sulphate on flowering and seed production of flax (*Linum usitatissimum* L.): a medicinal flowering plant. Int. J. Biosci. 14(4): 464-476.
23. Alam M., K. Hayat, I. Ullah, M. Sajid, M. Ahmad, A. Basit, I. Ahmad, A. Muhammad, **S.A. Jadoon**, and Z. Hussain. 2020. Improving Okra growth and yield by mitigating drought through exogenous application of salicylic acid. Fresenius Environmental Bulletin. 29(1): 529-535.
24. Ahmad, I., F. Mohammad, **S. A. Jadoon**, A. Zeb, F. Munsif, and W. Ahmad. 2020. Diallel analysis for the inheritance study of Phytic Acid along with morpho-yield traits in bread wheat. Afr. J. Biotechnol. 19(5): 259-264
25. Ahmad M., M. Ishtiaq, I. Ullah , A. Basit, **S.A. Jadoon**, I.H. Khalil, A. Muhammad, M.Alam, I. Ahmad, M. Sajid, G. Nabi and A. Jalal. 2020. Influence of zinc on seed production and fats content of black seed (*Nigella sativa* L.). Fresenius Environmental Bulletin (FEB). 29(9): 8094-8103
26. Ibrahim M. and **S.A. Jadoon**. 2021. Estimation of heritability for production traits in bread wheat under rainfed conditions. Journal of Genetics, Genomics and Plant Breeding. 5(4):115-123
27. Nadeem T., I.H. Khalil, Ikramullah and **S.A. Jadoon**. 2022. Genetic analysis for yield attributes in sweet corn (*Zea mays* L. var. Saccharata) under diverse environments. SABRAO J. Breed. Genet. 54(2): 236-248.
<http://doi.org/10.54910/sabrao2022.54.2.3>
28. Khattak M. K., M. Hanif, S.A.Jadoon, I.U. Haq and R. U. Din. 2022. Phenological and yield components response of major exotic maize varieties to different levels of soil bulk densities. Sains Tanah-JSSA. 19(2): 160-164
<http://dx.doi.org/10.20961/stjssa.v19i2.59854>
29. Ali, A., Ahmad,W., Munsif, F., Khan, A., Nepal, J., Wójcik-Gront,E., Ahmad, I. Khan, M.S., Ullah, I., **Akbar**, **S. Zaheer S.** and Jin G. 2022. Residual Effect of Finely-Ground Biochar Inoculated with Bio-Fertilization Impact on Productivity in a Lentil–Maize Cropping System. Agronomy 12, 2036.
<https://doi.org/10.3390/agronomy12092036>
30. Saeed M., M. Ibrahim, W. Ahmad, M. Tayyab, S. Attach, M.N. Khan, **S.A. Jadoon**, S.J. Shah, S. Zeb, L. Shah, F. Munsif, A. Zubair, J. Lu, H. Si, and C. Ma. 2022. Molecular characterization of diverse wheat genetic resources for resistance to yellow rust pathogen (*Puccinia striiformis*). Agronomy 12, 2951
<http://doi.org.10.3390/agronomy 12122951>
31. Kumar S., M. Wang, Y. Liu, S. Fahad, A. Qayyum, **S.A. Jadoon**, Y. Chen, and G. Zhu. 2022. Nickel toxicity alters growth patterns and induces oxidative stress response in sweet potato. Front. Plant Sci. 13: 1054924

<https://doi.org/10.3389/fpls.2022.1054924>

32. Gul R., M. Faheem, **S.A. Jadoon**, S.H. Shah, I. Ahmad, and M. Ahmad. 2022. Assessment of Elite Wheat Germplasm for Resistance to Fusarium Head Blight -A Threat to Wheat Production in North-West Pakistan. *Genetika*. 54(3):1217-1233.
<http://doi.org/10.2298/GENSR2203217G>
33. Khan W. U., S. M. A. Shah, H. Ullah, I.H. Khalil, **S.A. Jadoon** and D. Wang. 2022. Development of rice germplasm based on genetic variability in F₅ segregating populations. *SABRAO J. Breed. Genet.* 54(5): 993-1003.
<http://doi.org/10.54910/sabrao2022.54.5.3>
34. Khan S.U., F. Ullah. M. Hussain, M.Z. Ihsan, S. Mehmood, L. Ali, S. Saud, S. Fahad, S. Hassan, M. Zeeshan, **S.A.Jadoon**, A. Syed, .A. M. Elgorban, R. Eswaramoorthy and M.I. Hussain. 2023. Phytochemical analysis and phytotoxic evaluation of *Chenopodium glaucum* L. *Journal of King Saud University-Science*. 35: 102571
<http://doi.org/10.1016/j.jksus.2023.102571>
35. Ahmad W., Z. Zou, M. Awais, F. Munsif, A. Khan, J. Nepal, M. Ahmad, **S. Akbar**, I. Ahmad, M.S. Khan, Z. Qamar and H. Khan. 2023. Seed-Primed and Foliar Oxozinc Nanofiber Application Increased Wheat Production and Zn Bi-fortification in Calcareous-Alkaline Soil. *Agronomy*. 13:400
<http://doi.org.10.3390/agronomy 13020400>
36. Nadeem T., I.H. Khalil and **S.A. Jadoon**. 2023. Combining ability analysis for maturity and yield attributes in sweet corn across environments. *SABRAO J. Breed. Genet.* 55(2): 319-328.
<http://doi.org/10.54910/sabrao2023.55.2.5>
37. Muhammad S., **S. A. Jadoon**, F. Mohammad, I. H. Khalil, S. Ahmad, F. U. Khan. 2023. AMMI analysis for grain yield in bread wheat recombinant inbred lines. *Genetika*. 55(1):125-140.
<http://doi.org/10.2298/GENSR2301125M>
38. Alam M., S. Ali, **S.A. Jadoon**, M. Ahmad, A. Muhammad, S.T. Shah, I. Ahmad, A. Rab, Z. Hussain, L. Ali. 2023. Effect of Chitosan on post-harvest shelf life of Persimmon (*Diospyros kaki* L.). *Acta Sci. Pol. Hortorum Cultus*. 22(2): 27-43.
<http://doi.org/10.24326/asphc.2023.727>
39. Pervaiz S., H. Gul, · M. Rauf, H. I. Mohamed, K. U. Rehman, H. Wasila, I. Ahmad, S. T. Shah, A. Basit, M. Ahmad, S. A. Jadoon and S. Fahad. 2023. Screening of *Linum usitatissimum* Lines Using Growth Attributes, Biochemical Parameters and Ionomics Under Salinity Stress. *Gesunde Pflanzen*. 1-19
<https://doi.org/10.1007/s10343-023-00880-x>
40. Ahmad W., J. Nepal, Z. Zou, F. Munsif, A. Khan, I. Ahmad, S. Zaheer, M.S. Khan, S. A. Jadoon and D. Tang. 2023. Biochar particle size coupled with biofertilizer enhances soil carbon nitrogen microbial pools and CO₂ sequestration in lentil. *Front. Environ. Sci.* 11:1114728.

<https://doi.org/10.3389/fenvs.2023.1114728>

41. Nawab J., J. Ghani, S. Ullah, I. Ahmad, S.A. Jadoon, S. Ali, E. Hamidova, A. Muhammad, M. Waqas, Z.U. Din, S. Khan, A. Khan, S.A.U. Rahman, T. Javed, M. Luqman, and Z. Ullah. 2024. Influence of agro-wastes derived biochar and their composite on reducing the mobility of toxic heavy metals and their bioavailability in industrial contaminated soils. Intl. J. Phytoremediation.

<https://doi.org/10.1080/15226514.2024.2357640>

REPORT WRITINGS:

- National Uniform Yield Trial (NUYT) on sunflower report 2008
- National Uniform Yield Trial (NUYT) on sunflower report 2007
- Annual Progress report of ALP project on winter wheat during 2006 and 2007
- Quarterly progress report of ALP project on winter wheat during 2006 and 2007
- Annual Progress report of the ALP Project on DH wheat production during 2003-06
- Quarterly technical progress reports of the ALP project from August 2003 to July 2006.

WORKSHOPS/CONFERENCES ORGANIZED:

1. One day training workshop on “Vermicomposting of organic wastes- an environment friendly approach for the farmers and scientific community” at the department of Agriculture, University of Swabi, Khyber Pukhtunkhwa-Pakistan on December 22, 2022.
2. A two day national training /workshop on “Indigenous crop improvement programs: a way forward for ensuring food security” at the department of Plant Breeding and Genetics, The University of Agriculture Peshawar-Pakistan on March 21-22, 2022.
3. A two days national conference on “Sustainable farming through intervention of agricultural mechanization and renewable energy technologies” at the University of Agriculture Peshawar on June 30th and July 01st, 2021.
4. 8th International and 15th National weed science conference of weed science society of Pakistan on “Sustainability through vegetation management” at Abdul Wali Khan University, Mardan on March 2-3, 2020.
5. A two-day international conference on “Strategies for ensuring food security in the changing climate” at The University of Agriculture, Peshawar-Pakistan on October 23-24, 2019.
6. One day workshop on “data presentation and interpretation for effective publication” at Garden campus, Abdul Wali Khan University Mardan, Pakistan on March 20, 2018.

WORKSHOPS/TRAININGS/SEMINARS ATTENDED:

1. A two days international conference on “Advances in seed storage techniques” organized by department of Agronomy, University of Agriculture Peshawar on April 25-26th, 2024.

2. One day technical workshop on “Quality Wheat Seed Production and Variety Maintenance” organized by Cereals Section at Agriculture Research Institute Tarnab-Peshawar on April 19, 2024.
3. Participated in “National Travelling Wheat Seminar-2024” organized by Pakistan Agricultural Research Council under PSDP project on Productivity Enhancement of wheat from February 25th to March 07, 2024 across the country.
4. A two days international conference on “Emerging Technologies For Crop Improvement In Pakistan” organized by department of Plant Breeding and Genetics, University of Agriculture, Faisalabad on February 19-20, 2024.
5. A two days international training on “Hybrid Wheat Breeding” organized by department of Plant Breeding and Genetics, University of Agriculture, Faisalabad on February 19-20, 2024.
6. A one day technical workshop on “Quality Seed Production of biofortified wheat” organized by Cereals Section at Agriculture Research Institute Tarnab-Peshawar on December 28, 2023.
7. A two day National conference on “Olive production in Pakistan-A holistic Approach” jointly organized by department of Agriculture, Hazara University Mansehra and Promotion of Olive cultivation on commercial scale in Pakistan-II, PSDP, Pakistan Oilseed Department, Pakistan from June 14-15, 2023
8. One day workshop on “Policy dialogue on Plant Breeders Rights” organized by Department of Plant Breeding and Genetics, PMAS Arid Agriculture University Rawalpindi-Pakistan on Tuesdays October 18th, 2022
9. A two day national training /workshop on “Indigenous crop improvement programs: a way forward for ensuring food security” at the department of Plant Breeding and Genetics, The University of Agriculture Peshawar-Pakistan on March 21-22, 2022.
10. A two days training on “data analysis and reference citation in research using different software” organized by department of Agronomy at AMK-Campus Mardan, the University of Agriculture Peshawar on September 29-30, 2021.
11. A two days national conference on “Sustainable farming through intervention of agricultural mechanization and renewable energy technologies” held on June 30th and July 01st, 2021 at the University of Agriculture Peshawar.
12. A three-day” International Webinar On Nutritious Maize: Technologies, Development And Availability In South Asia” from July 21-23, 2020 organized by Nepal seed and fertilizer project and Agriculture Innovation Program for Pakistan supported by USAID
13. 1st training workshop for departmental Focal Persons on “Self-assessment report writing and evaluation criteria of agricultural degree programs” organized by National Agriculture Education Accreditation Council (NAEC) in collaboration with Quality Assurance Agency, HEC-Islamabad on February 10, 2020.
14. A two-day international conference on “Strategies for ensuring food security in the changing climate” at The University of Agriculture, Peshawar-Pakistan on October 23-24, 2019

15. A two-day national workshop on “Developing Research Skills and Data Management” organized by Department of Agriculture, Abdul Wali Khan University, Mardan-Pakistan on April 4-5, 2019
16. Three days international conference on “climate change impacts on agriculture and food supply” organized by department of Agriculture, the University of Swabi, Khyber Pukhtoonkhwa-Pakistan on April 24-26, 2018.
17. Two days national conference on “climate smart agriculture and crop modeling” organized by department of Agronomy at the University of Agriculture, Peshawar-Pakistan on April 18-19, 2018.
18. 7th international conference on “Plant resources: Current Trends, Challenges and Solutions” organized by deptt. of Botany, Islamia College Peshawar and University of Peshawar at Islamia College Peshawar on March 23-26, 2018.
19. One day workshop on “data presentation and interpretation for effective publication” organized by department of Agriculture at Garden campus, Abdul Wali Khan University Mardan, Pakistan on March 20, 2018.
20. 7th One day workshop on “significance of bioinformatics in life sciences” organized by department of Bioinformatics and Biosciences, Capital university of science and technology, Islamabad on May 07, 2016.
21. Two day workshop on “Project formulation” organized by Pakistan Science Foundation at University of Agriculture, Peshawar on April 27-28, 2016.
22. 16th international congress of soil science organized by Soil Science Society of Pakistan at PMAS University of Arid Agriculture, Rawalpindi-Pakistan on March 17-19, 2016
23. Five-day training program on “Strengthening of crop estimation system in Pakistan by capacity building of the officers” organized by Ministry of National Food Security and Research, Islamabad on October 19-23, 2015.
24. One day training/workshop on “Bio-safety/Bio-terrorism and risk assessment in agriculture research” held at The University of Agriculture Peshawar-Pakistan on September 01, 2015
25. One day training workshop on “Emergency Management” organized by the University of Agriculture Peshawar and Rescue 1122, Peshawar-Pakistan on April 15, 2015.
26. A two day workshop on “Microteaching Skills” at University of Swabi jointly organized by University of Swabi, Swabi-Pakistan and Higher Education Commission (HEC), Islamabad-Pakistan on December 11-12, 2013.
27. Three day training course on “Statistical analysis of experimental data, using MINITAB Software” at National Agriculture Research Centre, Islamabad on May 25-27, 2011.
28. Five day training course on “Statistical Techniques for data analysis” at Pakistan Academy for Rural Development (PARAD) Peshawar on November 26-30, 2007.
29. Two weeks training on “Use of nuclear and other techniques for crop improvement” at Nuclear Institute for Food and Agriculture (NIFA) Peshawar on November 11-23 2007.
30. Four day training course on “Maintenance of Office Equipments” at Pakistan Academy for Rural Development (PARAD) Peshawar on September 18-21, 2007.

31. Two day workshop on “Non destructive analysis of agricultural products” jointly organized by Nuclear Institute for Food and Agriculture, Peshawar and the Deptt. of Plant Breeding and Genetics, NWFP Agricultural University, Peshawar on June 19-20, 2007.
32. 1st International workshop on “Web based tools for plant science research” held at the deptt. of Agronomy NWFP Agricultural University, Peshawar on April 16-19, 2007.

MEMBERSHIP:

- Elected member of the Academic Council at the University of Agriculture, Peshawar
- Member Pakistan Society of Scientific Research
- Member Breeding and Genetics Society of Pakistan
- Member Soil Science Society of Pakistan
- Member Weed Science Society of Pakistan
- Member Pakistan Association for Eastern Medicines (PAEM)

ADMINISTRATION:

- Serving as **Warden** in Provost setup of The University of Agriculture, Peshawar since 2014
- Performing duties as **Farm Manager PBG** in Directorate of Farms at The University of Agriculture, Peshawar since 2017
- Serving as **Staff Proctor** at The University of Agriculture, Peshawar since 2014

LANGUAGES KNOWN: English, Urdu, Pashto, Hindko and Punjabi.

COMPUTER SKILL: MS Office, Statistical Packages SAS, Statistics and MStat C.

REFERENCES:

Prof. Dr. Fida Mohammad
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