

CURRICULUM VITAE

1. Name: **Dr. Abdul Rehman**
2. Father's Name: Muhammad Ramzan
3. Nationality: Pakistani
4. Date of Birth: 01-09-1973
5. Marital Status: Married
6. N.I.C. No.: -
7. Passport No.
8. Countries Visited: China, South Africa, USA, Egypt, Jordan, Australia



10. Postal Address: Department of Plant Pathology University of Agriculture Faisalabad
11. Telephone: 03338991639
12. Fax:
13. E-mail: rehman.abdul@uaf.edu.pk

14. EDUCATIONAL QUALIFICATION

S#	Examination	Year	Marks/CGPA	Division	Subjects
1.	Matric	1988	547	1 st	Science
2.	F.Sc.	1992	702	1 st	Pre-medical
3.	B.Sc. (Hons.) Agri.	1998	3.45	1 st	Plant Pathology
4.	M.Sc. (Hons.) Agri.	2000	3.65	1 st	Plant Pathology
5.	Ph.D.	2008		1 st	Plant Pathology

Title of M.Sc. Thesis:

STUDIES ON CULTIVATION OF CHINESE MUSHROOM (*Volvariella volvacea*) BY THE USE OF CORN STOVER

Name of Supervisor: Prof. Dr. Sultan Mahmood Khan

Title of Ph.D. Thesis:

INVESTIGATIONS ON SHISHAM (*Dalbergia sissoo*) DECLINE IN RELATION TO SYMPTOMOLOGY, INTENSITY, ETIOLOGY AND MANAGEMENT

Name of Supervisor: Prof. Dr. Shahbaz Talib Sahi

15. OTHER CERTIFICATES/DIPLOMAS:

S#	Name of Diploma etc.	Year	Source	Remarks
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16. PROFESSIONAL TRAININGS:

S#	Name of Training	Year	Institute	Remarks
1.				
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18. EXPERIENCE:

ACADEMIC				
S#	Designation/ Position	From (dd.mm.yyyy)	To (dd.mm.yyyy)	Total Duration (years.months.days)
1.	Lecturer	12-04-2003	30-12-2008	(5,8,18)
2.	Assistant Professor	31-12-2008	28-12-2014	(5,11,29)
3.	Associate Professor	29-12-2014	02-10-2014	(7,10,21)
4.	Professor	03-10-2024	to date	
ADMINISTRATIVE				
S#				
1.	Assistant superintendent Tariq Hall			
2.	Assistant Superintendent Qasim Hall			
3.				
4.				

19. OTHER ASSIGNMENTS

- i. Tutor: Tutor group Tipu-1
- ii. Member faculty board of advisor
- iii. Member faculty Board

20. PUBLICATIONS

20a. List of Books published

S#	Authors	Title	Year	Publisher's Details
1				
2				
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20b. List of Book Chapters published

S#	Authors	Title	Year	Publisher's Details
1				
2				
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20c. List of Books Edited

S#	Editors	Title	Year	Publisher's Details
1	Muhammad Amjad Ali Amjad Abbas Muhammad Atiq Abdul Rehman	Abstract Book 7 th International Conference of Pakistan Phytopathological Society	2021	Pakistan Phytopathological Society
2				
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20d. List of Research papers Published in HEC Recognized Foreign Journals of W Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Saquib A., A.S., Khan, A. Raheel, A. Rehman, H.M. Shoaib,S. Ali	Kojic acid suppresses browning incidence, maintains quality and sensory attributes of harvested loquat fruit by upregulating enzymatic and non-enzymatic antioxidants,	2025	Post-harvest Biology and Technology 226: 113560.	6.4
2	Saquib A., A.S., Khan, A. Raheel, A. Rehman,	Isoleucine treatment prevents postharvest browning and maintains quality by elevating	2025	Food Chemistry 479: 433762.	8.5

		antioxidative defence system of ‘Surkh’ loquat fruit,			
3	Faizan A, Razzaq A, Waheed T., Akhtar H., Rehman A. , Khizar R.,Sohaib S., N.A. Rajput, Haitham E.M Zaki, Shafiq M.,O. Gabrijel.	Spectral Intelligence: AI Driven hyperspectral imaging for agricultural and ecosystem applications.	2024	Agronomy, 14(10):2260	2.0
4	Alam,M. W., Rehman A. ,A. Hameed, M. Sarwar, S. Anjum, M. I. Ashraf, Z. Mumtaz,Salah Ud Din, T. Chohan, A. Hasnain and T. Shafeeq	First Report of Fruit Rot Caused by <i>Diaporthe amygdali</i> on Papaya in Punjab, Pakistan.	2023	Plant Disease. https://doi.org/10.1094/PDIS-03-22-0508-PDN .	4.4
5	Nabeeha A. Khan , Rehman A., , Imran Haq and Iqrar A. Khan	Traditional pathology and phylogenetic networking confirm the pathogen causing date palm wilt	2023	Pak J Agric. Sci. 60(2), 249-264	0.8
6	Akhtar Hameed, Muhammad Atiq, Zaheer Ahmed , Nasir Ahmed Rajput, Muhammad Younas , Abdul Rehman	Predicting the impact of environmental factors on citrus canker through multiple regression	2022	PLoS ONE 17(4): e0260746	3.50

7	M. W. Alam Rehman A, A. Hameed M. Sarwar S. Anjum M. I. Ashraf Z. Mumtaz Salah Ud Din T. Chohan A. Hasnain , and T. Shafeeq	First Report of Fruit Rot Caused by <i>Diaporthe amygdali</i> on Papaya in Punjab, Pakistan	2022	Plant Disease doi.org/10.1094/PDIS-03-22-0508-PDN	4.438
8	Noor M, N.A. Rajput, M. Atiq , S. T. Sahi, A.Rehman, A. Hameed, G. A. Kachelo and S. Ahmed	Integrated management of Fusarium wilt of chilli caused by Fusarium oxysporum f. sp. capsici through different management approaches	2022	Pakistan Journal of Botany DOI: http://dx.doi.org/10.30848/PJB2022-5(13)	1.2
9	Rehman A., M. W. Alam, M. Saira, S. Naz, R. Mushtaq, T. A. Chohan, S. U. Din, A. Noureen, K. Gilani and D. Hussain.	<i>Nigrospora sphaerica</i> Causing Leaf Blight Disease on Sesame in Pakistan.	2022	Plant Disease	4.438
10	Jameel S., Rehman A., Rajput N.A., B. Sadia,	Molecular Characterization of the pathogen causing grey mold in strawberry and its management.	2021	Applied ecology and environmental research 20(1):465-478.	0.86
11	Sumera Naz, Saira Mehboob, Muhammad Waqar Alam, A. Rehman , and Muhammad Idrees.	First report of <i>Lasiodiplodia pseudotheobromae</i> causing twig and stem blight of <i>Gossypium hirsutum</i> in Pakistan	2021	Journal of Plant Pathology. doi.org/10.1007/s42161-021-00844-y .	1.729

12	M. W. Alam, A. Malik, A. Rehman , A. Hameed, M. Sarwar, T. A. Chohan, R. Mushtaq, M. Hussain, D. Hussain, and T. Shafeeq	First Record of <i>Chaetomium globosum</i> Causing Leaf Spot of Pomegranate in Pakistan.	2021	Plant Disease. doi.org/10.1094/PDIS-01-21-0200-PDN .	4.438
13	Alam, M. W., A. Malik, A. Rehman , A. Hameed, M. Sarwar, U. Tahir, M. Hussain, D. Hussain, and T. Shafeeq.	First Record of <i>Colletotrichum gloeosporioides</i> Causing Anthracnose of Banana in Pakistan	2021	Plant Disease. doi.org/10.1094/PDIS-01-21-0215-PDN .	4.438
14	Alam M. W., A. Malik, A. Rehman , M. Sarwar, S. Ahmad, T. Shafeeq, A. Hameed, N. A. Rajput and M. Atiq.	First Report of <i>Lasiodiplodia pseudotheobromae</i> Causing Stem End Rot of Mango Fruit in Pakistan.	2021	Plant Disease 105(8) doi.org/10.1094/PDIS-01-21-0099-PDN	4.438
15	Alam M. W, A. Rehman, A. Malik, M. Sarwar, S. Muhammad, A. Hameed, H. Alsamadany, Y. Alzahrani and Z. Ahmed	First report of <i>Alternaria alternata</i> causing fruit rot on Fig (<i>Ficus carica</i>) in Pakistan	2021	Plant Disease doi.org/10.1094/PDIS-01-21-0090-PDN	4.438
16	A. Rehman, M. Saira, M. W. Alam, and S. Naz	First report of leaf spot caused by <i>Albifimbria verrucaria</i> on spinach in Pakistan.	2021	Journal of Plant Pathology doi.org/10.1007/s42161-021-00795-4	1.729
17	Alam, M. W., Arif Malik,	First of potato wilt caused	2021	Journal of Plant Pathology https://doi.org/10.1007/s42161-021-00771-y	1.729

	A. Rehman, Mubeen Sarwar, Saira Mehboob	by <i>Plectosphaerella</i> <i>cucumerina</i> in Pakistan			
18	Muhammad Waqar Alam, A. Rehman, A. Malik, Saira Mehboob, Mubeen Sarwar and Sher Muhammad	First report of white mould of potato caused by <i>Sclerotinia</i> <i>sclerotiorum</i> in Pakistan	2021	Journal of Plant Pathology 103:669	1.729
19	M. W. Alam, A. Malik, A. Rehman, A. Hameed, M. Sarwar, U. Tahir, M. Hussain, D. Hussain, and T. Shafeeq.	First Record of <i>Colletotrichum</i> <i>gloeosporioides</i> Causing Anthracnose of Banana in Pakistan	2021	Plant Disease doi.org/10.1094/PDIS-01-21-0215-PDN .	4.438
20	Khizar R, A. Rehman, Romana A., Sundas H., and S. Adeel	First Report of <i>Ceratocystis</i> <i>manginecans</i> Causing Siris (<i>Albizia lebbeck</i>) Wilt in Pakistan	2020	Plant Disease. 104(10) Doi.org/10.1094/PDIS-10-19-2057-PDN	4.438

20e. List of Research papers Published in HEC Recognized Foreign Journals of X Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	F. Alia, A. Hameed, A. Rehman, S. Sarfraz , N. A. Rajput , M. Atiq	Genetic identification of <i>Pectobacterium</i> <i>atropeticum</i> and assessment of medicinal plant extracts as an ecofriendly approach to control blackleg disease of potato	2022	Journal of Natural Pesticide Research doi.org/10.1016/j.napere.2022.100015	

2	Hasnain Sajjad, Abdul Rehman , Khizar Razzaq, Muhammad Waqar Alam, Saira Mehboob, Nasir Ahmad Rajput, Nasir Ahmad Khan, and Samia Anam.	Antibacterial potential of ethanolic and methanolic extracts of herbal plant extracts against <i>Xanthomonas campestris</i> pv. <i>Mangiferae indicae</i> , the causal agent of black spot disease in mango.	2019	<i>International journal of Biosciences</i> . 14: 231-237.	
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20f. List of Research papers Published in HEC Recognized Foreign Journals of Y Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	S. Ahmad, M. W. Alam, M. Sarwar, A. Rehman , T. Shafeeq, M. Ashfaq	Sustainable management of <i>Chilo infuscatellus</i> (Pyralidae: Lepidoptera) by using non-chemical approach.	2019	<i>International Journal of Biosciences</i> . 14: 396-400	
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20g. List of Research papers Published in HEC Recognized Local Journals of W Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Tariq, H., N.A. Rajput, M. Atiq, S.T. Sahi, A. Rehman, A. Rashid, M.A. Khan, A. Hameed and W.M. Saddique	Resistance assessment of citrus varieties against gummosis disease caused by <i>Phytophthora nicotianae</i> under natural field conditions	2021	Pakistan Journal of Agricultural Research, 34(4): 824-829	
2	Alam M. W., A. Rehman , A. U. Malik, M. S. Haider, M. Amin, S. Ahmad, M. Sarwar, Hafizi Rosli and Mark L. Gleason	Dynamics of stem end rot disease of mango and its management	2020	Pakistan Journal of Agricultural Sciences, 57(1):63-71	0.65

3	Ashfaq M., M. Ahsan khan, M.D.Gogi, and A.Rehman	Loss assessment of management of <i>Bactrocera zonata</i> (DIPTERA: TEPHRITIDAE) in citrus orchards	2020	Pakistan Journal of Agricultural Sciences, 57(2):451-456	0.65
4	Zohaib A., A.U.Malik, A.S. Khan, M.Amin, A. Rehman, and A.B. Malik.	Effect of modified atmosphere packaging on the postharvest life and quality of mango cultivar Samar Bahisht Chaunsa stored at chilling temperature	2019.	Pak. J. Agri. Sci. Vol.56(4):847-856.	0.65
5	Sher M., A. Ahmad, F.S. Awan, A.I. Khan, M. Qasim, A. Rehman , A. Rehman, M.A. Javed, I. Manzoor and M. Sajjad	Genome wide association analysis for leaf rust resistance in spring wheat (<i>Triticum aestivum</i>) germplasm	2018	Int. J. Agric. Biol. 20: 2387–2394	0.90
6	Khalid, M.S., A.U. Malik, A.S. Khan, B.A. Saleem, M. Amin, O.H. Malik, S. Khalid and A. Rehman	Geographical location and agro-ecological conditions influence kinnow mandarin (<i>Citrus nobilis</i> × <i>Citrus deliciosa</i>) fruit quality.	2018	Int. J. Agric. Biol., 20: 647–654	0.90

20h. List of Research papers Published in HEC Recognized Local Journals of X Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1					
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20i. List of Research papers Published in HEC Recognized Local Journals of Y Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Rasheed M.A., A. Habib, M. Aslam, Z. Mansha, A. Rehman, K. Khaliq, W. Ashraf.	Occurrence of Alternaria Leaf Spot Disease on <i>Aloe vera</i> and its Management.	2019	Pak. J. Phytopathol. Vol. 31 (01) 2019. 75-80	.
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20j. List of Conference Proceeding Papers/Abstracts etc.

S#	Authors	Title	Year	Publishing Details
1	Rehman A , Alam M.W and Mehboob S.	Stem end rot disease management strategies of mango fruit for export of quality mangoes. In: Souvenir – International Web Conference on Ensuring Food Safety, Security and	2021.	Sustainability through Crop Protection, August 5 & 6 2020, Bihar Agricultural the University, Sabour, Bhagalpur, India. Pp 07 – 15, ISBN: 978-81-950908-4-6.
1	Saira Mehboob, Abdul Rehman, M. Waqar Alam, Sumera Naz, Muhammad Idrees, Misbah Ali1, Farrukh Saleem and Azhar Iqbal	Re-emergence of <i>Sclerotinia</i> Spp. A winter fungal pathogen and its impact on fodder crop production in central Punjab Pakistan	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
2	Ali Raza, Abdul Rehman, Nasir Ahmad Khan, Adnan Younas, M. Muzamil Jahangir and Nazir Javed	Assessment and biological management of postharvest sour rot (<i>Geotrichumcitri aurantii</i>) of citrus using antagonistic yeast	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
3	Bakhtawar Khan, Abdul Rehman, Javeria Yaseen, Maryam Azam	Screening of sunflower hybrids against head rot disease (<i>Rhizopus arrhizus</i>) and <i>in-vivo</i> evaluation of various fungicides	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
4	Nasir Ahmed Khan, Abdul Rehman, Muhammad Muddasar, Zaheer Aslam, Hafiz M. Abdullah Tayyab, Abdul Manan and Sadi Ahmed Sultan	Yield potential of <i>Pleurotus sapidus</i> using various lignocellulosic waste material (Kikar (<i>Acacia nilotica</i>), Tali (<i>Dalbergia sissoo</i>), Cotton waste and wheat straw	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
5	Binyamin Rana, Abdul Rehman, Hafiz Abdul Samad Tahir, Zaheer Aslam, Hafiz Abdul Manan, Sadi Ahmad Sultan, M. Mudasar	Identification of resistance source in wheat germplasm against brown and yellow rust diseases of wheat and	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021

	and Hafiz M Abdullah Tayyab	their management through plant extracts and fungicides		
6	Hira Munir, Abdul Rehman, Majid Anwar, Umera Ramzan and Shumila Ishfaq	Evaluation of tolerance and susceptibility level of native mango cultivar Khanewal 250 against mango quick wilt pathogen <i>Ceratocystis manginecans</i>	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
7	Ihsanullah, Abdul Rehman, Akhter Hameed, Muhammadullah, Masih khan, Zaheer Asalam, Shakirullah, Rahimullah, Haseeb	<i>In-vitro</i> management of <i>Alternaria alternata</i> fungal pathogen associated with early fruit drop in citrus	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
8	Javeria Yaseen, Abdul Rehman, Bakhtawar Khan, Maryam Azam	Genetic diversity of new advanced sunflower hybrid against charcoal rot (<i>Macrophomina phaseolina</i>) disease and in-vivo management through evaluation of various fungicides	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
9	Nummad Ihsan, Amjad Abbas, Muhammad Amjad Ali, Muhammad Nabeel Afzal, Hira Nawaz, Talha Ashraf, Memoona Bashir, Abdul Rehman and Muhammad Husnain Butt	Isolation, purification, identification and chemical management of microbial pathogen associated with leaf spot disease of cauliflower	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
10	Nabeeha Aslam Khan, Imran Ul Haq, Siddra Ijaz and Abdul Rehman	Guava fruit canker : An emerging threat to the guava orchards in Pakistan	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
11	Memoona Bashir, Amjad Abbas, Muhammad Amjad Ali, Ahmad Nawaz, Munam Ishaq, Talha Ashraf, Nummad Ihsan, Abdul Rehman	Isolation, purification, identification and chemical management of microbial pathogen associated with leaf spot diseases of cauliflower	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021

12	Moazim Afzal, Nasir Ahmad Khan, Abdul Rehman, Adnan Younas, M.Muzamil Jahangir, Shaheer Bano	Combined impact of different wastes for the cultivation of oyster mushroom (<i>Pleurotus sapidus</i>) to assess the yield potential	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
13	Maryam Azam, Abdul Rehman, Umera Ramzan, Javeria Yaseen, Bakhtawar Khan and Iqra	Evaluation of <i>Alternaria alternata</i> for biological control of weed <i>Convolvulus arvensis</i> L. in wheat crop	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
14	Ayesha Batool, Nasir Ahmad Khan, Abdul Rehman, M. Faizan Manzoor, Shoukat Ali, Umera Ramzan	Mushroom mycoflora found in Pakistan	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
15	Umera Ramzan, Abdul Rehman, Shumila Ishfaq, Hira Munir, Maryam Azam, Zaheer Aslam	Management of leaf spot of aloe vera caused by <i>Alternaria alternata</i> through chemicals and essential oils	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
16	Zaheer Aslam, Abdul Rehman, Saman Shahzadi, Sadi Ahmad Sultan, Abdul Manan, Hafiz M. Abdullah Tayyab, Umera Ramzan, Ihsanuallah Shareefi	Investigation and <i>in-vitro</i> management of premature fruit drop in citrus caused by <i>Colletotrichum gloeosporioides</i>	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
17	Abeha Firdous, Nasir Ahmad Khan, Abdul Rehman, Adnan Younas, M.Muzamil Jahangir, Ali Raza and Nazir Javed	Yield production of <i>Pleurotus ostreatus</i> -PI using different substrates on apple pomace as horticultural waste and with date palm leaves, banana leaves	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
18	Ali Ilyas, Nasir Ahmad Khan, Abdul Rehman, Imran Ul Haq, Sajid Aleem Khan, Ali Raza and M. Muzamil Jahangir	Use of tea waste (Lipton) with combination of various mixture of agricultural waste materials (Wheat straw, cotton waste, corn meal, thatch grass) for cultivation of <i>Pleurotus pulmonarius</i>	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
19	Muhammad Waqar Alam and Abdul Rehman	Combine application of essential oils and gum Arabic	2021	7th International Conference of Pakistan

		coating influences postharvest stem end rot and quality of mango fruit		Phytopathological Society November 21-23, 2021
20	Akhtar Hameed, Kashif Riaz, Muhammad Atiq, Abdul Rehman, Nasir Ahmed Rajput, Sohaib Sarfraz, Faizan Ali, Nadia Liaqat, Kaneez Fatima, Hamza Tariq, Aniq Afzal	Role of quorum quenching bacterial consortia in tackling <i>Pectobacterium</i> ; A quorum sensing pathogen	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
21	Akhtar Hameed, Muhammad Atiq, Nasir Ahmed Rajput, Abdul Rehman, Sohaib Sarfraz, Hafiz Muhammad Usman Aslam, Nadeem Ahmed, Nadia Liaqat, Aniq Afzal and Kaneez Fatima	Epidemiological markers against <i>Xanthomonas citri</i> pv. citri: A potential threat to global citrus industry	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
22	Sohaib Sarfraz, Akhtar Hameed, Faizan Ali, Jamil Shafi, Muhammad Atiq, Nasir Ahmed Rajput and Abdul Rehman	Integrated management of plant pathogenic <i>Streptomyces</i> species causing potato scab in okara region	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
23	Z. Ahmed, Ahamd Sattar Khan, Aman Ullah Malik, Abdul Rehman, R. Anwar, M.U. Hassan, Sajid Ali and R.N.U. Rehman	Pre-storage aloe vera gel application reduces disease incidence and decay of sweet cherry fruit	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
24	Faizan Ali, Sohaib Sarfraz, Akhtar Hameed, Abdul Rehman, Zaheer Ahmad, Rizwana Maqbool, Muhammad Atiq, and Nasir Ahmed Rajput	Crisper/Cas based gene editing approaches for global food security	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
25	Safina Iftkhar, Nasir Ahmed Rajput, Muhammad Atiq, Abdul Rehman, Adeel Sultan, Akhtar Hameed, Shahid Iqbal, Muhammad Usman	Antifungal effect of phytoextracts on management of <i>Phytophthora capsici</i> causing phytophthora blight in chilli (<i>Capsicum annum</i> . L)	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021

26	Safina Iftkhar, Nasir Ahmed Rajput, Muhammad Atiq, Abdul Rehman, Adeel Sultan, Akhtar Hameed, Muhammad Usman, Hamza Tariq	<i>In-vivo</i> and <i>in-vitro</i> evaluation of fungicides against phytophthora blight disease of chilli caused by <i>Phytophthora capsici</i>	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021
27	Sohaib Sarfraz, Faizan Ali, Akhtar Hameed, Zaheer Ahmad, Rizwana Maqbool, Muhammad Atiq, Nasir Ahmed Rajput and Abdul Rehman	Crisper-Cas9 based genome editing approach for enhancing disease resistance in plants	2021	7th International Conference of Pakistan Phytopathological Society November 21-23, 2021

21. List of Seminars/Conferences attended

S#	Organizers	Conference Title/Theme	Year	Presentation (oral/poster)	Other Details
1	Cabb	One day “ Hands on training on the application of AI, IoT and Robotics in Kitchen Gardening using Vege-Bot”	2022		CAS-AFS, UAF
2	University of Okara	Participation in a seminar on Kitchen Gardening “A promising approach to enhance household food security and wellbeing”	15 th Feb, 2022		Department of Botany, University of Okara
3	University of Punjab Lahore	Agricultural nanotechnology “Influencing the future of farming sustainability”	2021		Webinar
4	Islamia University Bahawalpur	Stealth Pathogens “The sooty Blotch and flyspeck fungal complex”	2021		Webinar
5	UAF	7 th Internal Conference of Pakistan Phytopathological Society	21-23 November, 2021	Poster	

6	Bayer	1 st virtual safe Use Ambassador Conference	2020		Webinar
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22. List of Seminars/Conferences/Trainings arranged

S#	Organizers	Role	Year	Other Details
1	Seminar on Diagnosis and management o Chilli Diseases	Member organizing committee	9 Th June, 2022	All large number of farmers participated at T.T. Singh
2	Webinar Entitled “Mentoring: How Does It Connect to Research Ethics	Organizing Secretary	7 Th September, 2021	Prof. Dr. Mark. L. Gleason, from Department of Plant Pathology, Iowa State University, USA as guest speaker
3	Pre-Conference Workshop on Mentoring early carrier Plant pathologists for capacity building and overcoming barrierless in research collaborations	Organizer	19-20 November, 2021	Renowned Plant pathologist from Pakistan and abroad deliver their talk
4	7 Th International Conference of Pakistan Phytopathological Society “Phytopathology: Current Scenario and Future Prospects” A focused strategy for food safety and security	Chief organizer	21-23 November, 2021	Over five scientists, researcher and students participated in this conference across Pakistan

23. List of Graduate Students Supervised

23a. List of Ph.D. Students Supervised as Major Supervisor

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Saher Jameel	2022	PP	Molecular Characterization of Pathogens causing grey mold in strawberry and its management	Dr. Abdul Rehman Dr. Naser Ahmed Dr. Bushra Sadia
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23b. List of Ph.D. Students Supervised as Member Supervisory Committee

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Dr. M. Ashfaq	2020	Ento		Dr. M. Ahsan Khan Dr. Dildar Gogi Dr. Abdul Rehman
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23c. List of M.Sc. (Hons.)/M.Phil. Students Supervised as Major Supervisor

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Muhammad Soban	2022	Plant Pathology	Genotypic evaluation of chickpea germplasm against chickpea wilt (<i>Fusarium</i> Spp.) and its management	Dr. Abdul Rehman Dr. Amer Habib Dr. Muhammad Hamid Bashir
2	Ahmad Saleem	2022	Plant Pathology	Estimation of post harvest fungal pathogens and their management associated with citrus	Dr. Abdul Rehman Dr. Nasir Ahmad Khan Dr. Ahmad Sattar Khan
3	Rao Mudasser Iqbal	2022	Plant Pathology	Identification of fungal pathogen associated with grey mould of pomegranate (<i>Punica granatum</i> L.) and its management	Dr. Abdul Rehman Dr. Nasir Ahmed Prof Dr. Muhammad Ahsan Khan
4	Samama Kaleem	2022	Plant Pathology	Fungal pathogen associated with anthracnose of banana and its in-vitro management using different plant extracts and fungicides	Dr. Abdul Rehman Dr. Nasir Ahmed Dr. Muhammad Hamid Bashir
5	Arshia Anwar	2022	Plant Pathology	Efficiency of antagonistic yeast against <i>Penicillium digitatum</i> causing post-harvest damage in citrus fruit (Kinnow)	Dr. Abdul Rehman Dr. Nasir Ahmad Khan Dr. M. Muzammil Jahangir
6	Rimal Zahid	2022	Plant Pathology	Evaluation of different fungicides for the control of citrus black spot	Dr. Abdul Rehman Dr. Amer Habib Dr. Ahmad Sattar Khan
7	Ali Usman Bin Ali	2022	Plant Pathology	Identification of fungal pathogen associating rice blast and its in-vivo management	Dr. Abdul Rehman Dr. Amer Habib Dr. Muhammad Hamid Bashir

8	Faiqa Khan	2022	Plant Pathology	Evaluation of <i>Fusarium</i> specie as a biocontrol agent against <i>Rumex dentatus</i>	Dr. Abdul Rehman Dr. Nasir Ahmad Khan Dr. Muhammad Hamid Bashir
9	Muhammad Shahid Awais	2022	Plant Pathology	Evaluation of wheat germplasm against leaf rust and its management	Dr. Abdul Rehman Dr. Nasir Ahmed Dr. Imran Khan
10	Muhammad Hamza Arshad	2022	Plant Pathology	Identification of fungal pathogen associated with brown spot of rice and its in-vivo management	Dr. Abdul Rehman Dr. Amer Habib Dr. Muhammad Hamid Bashir
11	Javeria Yaseen	2021	Plant Pathology	Genetic diversity of new advanced sunflower hybrid against charcoal rot (<i>Macrophomina phaseolina</i>) disease and in-vivo management through evaluation of various fungicides	Dr. Abdul Rehman Dr. Imran-ul-Haq Dr. Muhammad Arshad
12	Bakhtawar Khan	2021	Plant Pathology	Genetic diversity of sunflower hybrids against head rot disease (<i>Rhizopus arrhizus</i>) and in-vivo management through evaluation of various fungicides	Dr. Abdul Rehman Dr. Nasir Ahmad Khan Dr. Muhammad Hamid Bashir
13	Muhammad Hamza Azam	2021	Plant Pathology	Estimation of bio efficacy of different essential oil at different doses against potato black scurf (<i>Rhizoctonia solani</i>)	Dr. Abdul Rehman Dr. Imran-ul-Haq Dr. C.M Ayyub
14	Iqra Yousaf	2021	Plant Pathology	Evaluation of <i>Myrothecium verrucaria</i> as a biocontrol against <i>Rumex dentatus</i> in wheat crop	Dr. Abdul Rehman Dr. Amer Habib Dr. Muhammad Ahsan Khan
15	Zaheer Aslam	2021	Plant Pathology	Investigation and in-vitro management of premature fruit drop in citrus caused by <i>Colletotrichum gloeosporioides</i>	Dr. Abdul Rehman Dr. Nasir Ahmed Dr. Karim Yar Abbasi
16	Maryam Azam	2021	Plant Pathology	Evaluation of <i>Alternaria alternata</i> for biological control of weed <i>Convolvulus arvensis</i> L. in wheat crop	Dr. Abdul Rehman Dr. Safdar Ali

					Dr. Muhammad Arshad
17	Ihsan Ullah	2021	Plant Pathology	In-vitro management of <i>Alternaria alternata</i> fungal pathogen associated with early fruit drop in citrus	Dr. Abdul Rehman Dr. Nasir Ahmed Dr. Ahmad Sattar Khan
18	Urfa Saleem	2020	Plant Pathology	Antifungal activities of seed extracts of jamun (<i>Syzygium cumini</i>) against plant pathogenic fungi <i>Fusarium solani</i>	Dr. Abdul Rehman Dr. Muhammad Shahbaz Dr. Amer Habib
19	Anza Khalid	2020	Plant Pathology	Management of post-harvest fungal pathogens associated with chili fruit rot	Dr. Abdul Rehman Dr. Nasir Ahmad Khan Dr. Muhammad Ahsan Khan
20	Sidra Javed	2020	Plant Pathology	Management of post-harvest fungal pathogens associated with tomato rot	Dr. Abdul Rehman Dr. Nasir Ahmad Khan Dr. Muhammad Ahsan Khan
21	Muhammad Ihtisham Badar	2020	Plant Pathology	Investigation of Alternaria brown spot of citrus and its management	Dr. Abdul Rehman Dr. Nasir Ahmad Khan Dr. Muhammad Ahsan Khan
22	Fariz Tafheem	2020	Plant Pathology	Comparative studies of certain plant extracts and fungicides for the management of alternaria leaf spot of rapeseed	Dr. Abdul Rehman Dr. Nasir Ahmed Dr. Ahmad Sattar Khan
23	Iqra Kanwal	2020	Plant Pathology	Application of autochthonous fungi using as a selective bio-herbicide for the control of weeds	Dr. Abdul Rehman Dr. Nasir Ahmed Dr. Aman Ullah Malik
24	Jahan Zaib Sindhu	2020	Plant Pathology	Potato scab management with fungicides and bio pesticides	Dr. Abdul Rehman Dr. Nasir Ahmad Khan Dr. Khurram Ziaf

25	Muhammad Saad Ajmal	2020	Plant Pathology	Isolation and morphological characterization of <i>Colletotrichum gloeosporioides</i> cause of citrus wither tip	Dr. Abdul Rehman Dr. Imran-ul-Haq Dr. Aman Ullah Malik
26	Ahmad Sahab	2020	Plant Pathology	Evaluation and mass production of <i>Alternaria alternata</i> isolate as a potential biocontrol agent against dumbi sitti (<i>Phalaris Minor</i> L.) and lehli (<i>Convolvulus Arvensis</i> L.)	Dr. Abdul Rehman Dr. Nasir Ahmed Dr. Aman Ullah Malik

23d. List of M.Sc. (Hons.)/M.Phil. Students Supervised as Member Supervisory Committee

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Haris Ali	2022	Plant Pathology	Management of styler end rot of guava through phytoextracts and chemicals	Dr. Nasir Ahmed Dr. Abdul Rehman Prof. Dr. Muhammad Jalal Arif
2	Alisha Noor	2022	Horticulture	Effect of postharvest application of gum Arabic coating on quality of ber fruit kept at ambient and cold storage	Prof. Dr. Ahmad Sattar Khan Dr. Summar Abbas Naqvi Dr. Abdul Rehman
3	Hamayoun Hameed	2022	Horticulture	Effect of 1-MCP CARD [®] Technology on postharvest ripening, fruit quality and shelf life of ber cultivars 'Pak White' and 'Umran' during ambient storage	Prof. Dr. Aman Ullah Malik Prof. Dr. Ahmad Sattar Khan Dr. Abdul Rehman
4	Uswah Afzal	2022	Horticulture	Effect of postharvest application of L-Arginine on chilling injury management of ber fruit	Prof. Dr. Ahmad Sattar Khan Prof. Dr. Muhammad Jafar Jaskani Dr. Abdul Rehman
5	Bilal Akram	2022	Horticulture	Response of 1-Methylecyclopropene (1-MCP) smart card technology on shelf life	Prof. Dr. Aman Ullah Malik

				and quality of summer squash and papaya during ambient storage conditions	Prof. Dr. Ahmad Sattar Khan Dr. Abdul Rehman
6	Muhammad Abdul Rehman	2022	Horticulture	Response of 1-Methylecyclopropene (1-MCP) smart card technology on shelf life and quality of cucumber and sweet pepper during ambient storage conditions	Prof. Dr. Aman Ullah Malik Dr. Raheel Anwar Dr. Abdul Rehman
7	Muhammad Moeed Arshad	2022	Horticulture	Effect of growth stimulants and beneficial fungi on growth, yield and quality of tomato	Dr. Khurram Ziaf Dr. M. Awais Ghani Dr. Abdul Rehman
8	Azqa Mazhar	2022	Horticulture	Effect of postharvest application of L-Methionine on quality of ber fruit kept at ambient and cold storage	Prof. Dr. Ahmad Sattar Khan Dr. Raheel Anwar Dr. Abdul Rehman
9	Muhammad Waqas	2022	Horticulture	Impact of 1-MCP Card Technology [®] on quality and marketability of cold storage 'Broccoli' and 'Lettuce'	Prof. Dr. Aman Ullah Malik Prof. Dr. Ahmad Sattar Khan Dr. Abdul Rehman
10	Sharjeel Ahmad	2022	Horticulture	Mitigation of heat stress in garlic cultivars by exogenous application of chemicals	Prof. Dr. C.M. Ayyub Mr. Karim Yar Abbasi Dr. Abdul Rehman
11	Ayesha Batool	2022	Plant Pathology	Evaluation of antifungal potential of phytoextracts and chemicals against root rot of soybean caused by <i>Rhizoctonia solani</i>	Dr. Nasir Ahmad Khan Dr. Abdul Rehman Dr. Muhammad Muzammil Jahangir

12	Aqsa Arif	2021	Plant Pathology	Effect of different substrate (Vegetable peel of tomato, turnip, cauliflower leaves, cabbage leaves and spinach leaves) with combination of agro-waste including rice straw and cotton waste on production of oyster mushroom	Dr. Nasir Ahmad Khan Dr. Abdul Rehman Dr. Muhammad Muzammil Jahangir
13	Muhammad Bilal Khalid	2021	Plant Pathology	The appraisal of phytoextracts and fungicides against fruit rot of grapes cause by <i>Alternaria alternata</i>	Dr. Nasir Ahmed Dr. Abdul Rehman Dr. Muhammad Atif
14	Amara Ashraf	2021	Plant Pathology	Isolation and identification of <i>Phoma Herbarum</i> on <i>Cycas Revoluta</i> and its management	Dr. Nasir Ahmed Dr. Abdul Rehman Dr. Zain-ul-Abdin
15	Abdul Haseeb Khan	2021	Plant Pathology	Integrated management of chilli anthracnose disease caused by <i>Colletotrichum</i> species, A major threat to chilli production in Punjab	Dr. Amer Habib Dr. Abdul Rehman Dr. Muhammad Hamid Bashir
16	Muhammad Muddasar	2021	Plant Pathology	Yield potential of <i>Pleurotus sapidus</i> using various lignocellulosic waste material (Kikar (<i>Acacia nilotica</i>), Tali (<i>Dalbergia sissoo</i>), Cotton waste and wheat straw	Dr. Nasir Ahmad Khan Dr. Abdul Rehman Dr. Muhammad Muzammil Jahangir
17	Ali Raza	2021	Plant Pathology	Investigation and biological control of postharvest sour rot (<i>Geotrichum citri-aurantii</i>) of citrus by antagonistic yeast	Dr. Nasir Ahmad Khan Dr. Abdul Rehman Dr. Muhammad Arshad
18	Maleeha Shafqat	2020	Plant Pathology	Management of Mango stem end rot disease using antagonistic yeast	Dr. Shahbaz Talib Sahi Dr. Abdul Rehman Dr. Muhammad Ahsan Khan
19	Hamza Ali Khan	2020	Plant Pathology	Epidemiology and management of powdery mildew of cucumber caused by <i>Podosphaera xanthii</i>	Dr. Nasir Ahmed Dr. Abdul Rehman Dr. Muhammad Dildar Gogi

20	Muhammad Shahid Siddique	2020	Plant Pathology	Management of late blight through genetic potential of tomato germplasm and chemicals	Dr. Nasir Ahmed Dr. Abdul Rehman Dr. Irfan Ahmad
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24. Research Projects

24a. Research Projects completed

S. #	Title of the research project	Position	Duration (From-To)	Amount (Million Rs)	Donor
1.					
2.					
3.					

24b. Research Projects Ongoing

S. #	Title of the research project	Position	Duration (From-To)	Amount (Million Rs)	Donor
1.	Exploitation of fungal pathogens as biocontrol agents for the management of weeds in wheat crop	PI		2.933	HEC-NRPU
2.					
3.					

24c. Research Projects in pipeline

S. #	Title of the research project	Position	Duration (From-To)	Amount (Million Rs)	Donor
1.					
2.					
3.					

25. Awards/Distinctions

S. #	Name of Award/Distinction	Year	Details
1.			
2.			
3.			

26. Academic/Professional collaboration

S#	Collaborating agencies	Nature of Collaboration
National		
1.		
2.		
3.		
International		
1.		

2.		
3.		

27. Outreach/Advisory Services (Farmers' field days, Zari mella, Farmers' moot meetings, Farmers' requests/problems, Agricultural exhibitions, and campaigns)

S. #	Name of Activity	Place	Date	Details
1.				
2.				
3.				