

CURRICULUM VITAE

1. Name: Dr. Sajid Aleem Khan
2. Father's Name: Ahmad Din
3. Nationality: Pakistani
4. Date of Birth:
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6. N.I.C. No.: 38404-5791245-3
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14. EDUCATIONAL QUALIFICATION

Sr#	Examination	Year	Marks/CGPA	Division	Subjects
1.	Matric	1993	721	1 st	Biology, Chemistry, Math, Physics
2.	F.Sc.	1995	774	1 st	Biology, Chemistry, Physics
3.	B.Sc. (Hons.) Agri.	2000	3.40	1 st	Agriculture (Plant Pathology)
4.	M.Sc. (Hons.) Agri.	2002	3.72	1 st	Plant Pathology
5.	Ph.D.	2009		1 st	Plant Pathology

Title of M.Sc. Thesis: Evaluation of various plant extracts for the control of citrus nematode *Tylenchulus semipenetrans*

Name of Supervisor: Dr. Nazir Javed

Title of Ph.D. Thesis: Screening of tomato cultivars against root knot nematodes and their biological management

Name of Supervisor: Dr. Nazir Javed

PROFESSIONAL TRAININGS:

S#	Name of Training	Year	Institute	Remarks
1.	NAHE-PhD Supervisors Capacity Building Program 2023 (Cohort-II) Master Trainers Capacity Building (Phase-2) 31 July-04 August 2023 @KARACHI, PAKISTAN	2023	Higher Education Commission	Successfully Completed
2.	Supervisors Capacity Building Program (2023) has been finalized and will be held from June 12 th to 16 th , 2023 at Islamabad.	2023	Higher Education Commission	Successfully Completed
3.	Assuring training effectiveness	2011	Asian Institute of Technology, Thailand	Successfully Completed
4	National Grants Writing Workshop	2016	Centre of Advanced Studies in Agriculture and Food Security	Successfully Completed
5	Renewable Energy Technologies for Community Development in Pakistan	2015	University of Agriculture, Faisalabad and University of Kassel	Successfully Completed

EXPERIENCE:

ACADEMIC				
S#	Designation/ Position	From (dd.mm.yyyy)	To (dd.mm.yyyy)	Total Duration (years.months.days)
1.	Lecturer	02-11-2009	01-12-2009	One month
2.	Assistant Professor	02-12-2009	30-8-2019	Nine years and eight month
3.	Associate Professor	30-8-2019	10-10-2024	4Years and ten months
4	Professor	11-10-2024	To date	
ADMINISTRATIVE				
S#				
1.	Superintendent Qazzafi Hall, UAF	August, 2023	To date	
2.	Superintendent Qazzafi Hall, UAF	August 2021	August , 2023	Two Years
3.	Assistant Superintendent Qazzafi Hall, UAF	July 2010	August 2021	11 Years
4.	Secretary Board of Studies, Department of Plant Pathology, UAF	2010	2015	Five years
5	Associate Editor, Pakistan Journal of Phytopathology	2010	2012	2 Years

19. OTHER ASSIGNMENTS

- i. External Examiner for the course DAS-303 Exam
- ii. Vigilance at Examinations
- iii. Tutor Group 115
- iv. Organizer for different activities, flood relief, festivals and sports events

- v. Convener Young Phytodocor forum
- vi. Treasurer Pakistan Phytopathological Society 2014-2017
- vii. Reviewer of Journals

PUBLICATIONS

. List of Research papers Published in HEC Recognized Foreign Journals of W Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Safdar, A, F He, D Shen, MI Hamid, S.A. Khan, HAS Tahir, D Dou	PcLRR-RK3, an LRR receptor kinase is required for growth and in-planta infection processes in <i>Phytophthora capsici</i>	2024	Mycology, 15 (3), 471-484	4.6
2	Saqib, M., M.Arshad , M Dildar Gogi , S. A. Khan	Managing stored cereals grains insect pests: Farmers' knowledge, perceptions and practices in Punjab, Pakistan	2024	Journal of Xi'an Shiyu University, Natural Science 3:324-334	
3	Khan, MA , M Raheel, SA Khan, AD Abid, S Shahzad, HZ Siddiqui, M Atif, ...	Eco-friendly management of wheat stripe rust through application of <i>Bacillus subtilis</i> in combination with plant defense activators	2023	Journal of King Saud University- Science 35 (4), 10258	3.7
4	Khan,M.A., S. A. Khan, U. Waheed, M. Raheel, Z. Khan, A. F Alrefaei and H. H. Alkhamis.	Morphological and genetic characterization of <i>Fusarium oxysporum</i> and its management using weed extracts in cotton.	2021	Journal of King Saud University- Science	4.011
5	Moosa, A., A. Farzand, S.A. Khan, T. Ahmad, H.M. Usman Aslam, M. Shafique, S. Saeed, A. Masroor and S.Akhtar.	First report of post-harvest <i>Fusarium</i> rot of mandarin <i>Citrus reticulata</i> cv. 'Kinnow' caused by <i>Fusarium equiseti</i> in Pakistan	2021	Plant Disease	4.438
6	Farzand, A., S. T. Sahi, S. A. Khan, M. N. Aslam, M. Zubair	Salicylic acid and Cinnamomum verum confer resistance against <i>Penicillium</i> rot by modulating the expression of defense linked genes in <i>Citrus reticulata</i> Blanco	2021	Postharvest Biology and Technology	5.537

7	Moosa, A., A. Farzand, S.T. Sahi, M.L. Gleason, S.A. Khan, X. Zhang.	First Report of Postharvest Fruit Rot of <i>Citrus reticulata</i> 'Kinnow' Caused by <i>Penicillium expansum</i> in Pakistan	2019	Plant Disease. 103 (1): 155	3.583
8	Safdar, A., Qi Li, D. Shen, L. Chen, F. He, R. Wang, M. Zhang, J. J. Mafurah, S. A. Khan and D. Dou.	An LRR receptor kinase regulates growth, development and pathogenesis in <i>Phytophthora capsici</i>.	2017	Microbiological Research	2.777
9	Siddique, Z., KP Akhtar, A Hameed, N Sarwar, Imran-Ul-Haq, SA Khan.	Biochemical alterations in leaves of resistant and susceptible cotton genotypes infected systemically by cotton leaf curl Burewala virus.	2014.	Journal of Plant Interactions. 9 (1): 702-711.	1.655

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

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Muneeba Iram, H. Abbas, S. A. Khan, N. Javed, M. Kamran, M. Hassan, K. Riaz, S. Khan, M. Junaid and A. Sajjad	Morphological variability in okra germplasm due to the infection of root-knot nematode (<i>Meloidogyne incognita</i>).	2022	Archives of Phytopathology and Plant Protection. 55(9): 1158-1168	1
2	Maryam, A., R. Anwar, A. U. Malik and S. A. Khan.	Influence of macro-perforated polyethylene terephthalate and low-density polyethylene packaging films on quality and storability of strawberries.	2021	Journal of Food Processing and Preservation. 45(2).15068	2.19
3	Moosa, A., S.T. Sahi, S.A. Khan, A.U. Malik.	Salicylic acid and jasmonic acid can suppress green and blue moulds of citrus fruit and induce the activity of polyphenol oxidase and peroxidase	2019	Folia Horticulturae. 31 (1), 195-204	0.532

4	Kamran, M., N. Javed, H. Abbas, S.A. Khan, I. Ullah, M. E. Haq, M. Hussain, M. Iqbal.	<u>Development of <i>Pasteuria penetrans</i> on different field populations of <i>Meloidogyne</i> spp. from Pakistan.</u>	2019	Nematology. 1-8	1.216
5	Rashad R Khan, Rameesha A Ali, Abid Ali, Muhammad Arshad, Shahid Majeed, Sohail Ahmed, Sajid A Khan	<u>Compatibility of entomopathogenic nematodes (Nematoda: Rhabditida) and the biocide, spinosad for mitigation of the armyworm, <i>Spodoptera litura</i> (F.)(Lepidoptera: Noctuidae).</u>	2018	Egyptian Journal of Biological Pest Control 28(1):58	0.163
6	Moosa, A., S. T. Sahi, I.U. Haq, A. Farzand, S. A. Khan and K. Javaid..	<u>Antagonistic potential of <i>Trichoderma</i> isolates and manures against <i>Fusarium</i> wilt of tomato</u>	2017.	International journal of vegetable science	N/A
7	Munawar, M., S. A. Khan, N. Javed, Imran Ul Haq and A. S. Gondal.	Bio-management of tomato wilt complex caused by <i>Meloidogyne incognita</i> and <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> .	2015.	Nematology. 479-485	1.12
8	Gondal, A.S., N. Javed, S.A. Khan, M Shahid.	Use of nutritional supplements for the management of root-knot nematode (<i>Meloidogyne incognita</i>) infecting potato.	2014	Journal of Nematology 46 (2): 169-169.	1.2

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

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Afzal, M. U, S. A. Khan, N. Salehon, M.Naz, N.A. Khan.	<u>Development of <i>Meloidogyne incognita</i> on selected okra cultivars</u>	2019	Plant Protection	N/A
2	A Jabbar, N Javed, A Munir, SA Khan, S Ahmed.	<u>In vitro and Field Evaluation of Nematicidal Potential of Synthetic</u>	2019	International Journal Of	0.802

		Chemicals against Root Knot Nematode <i>Meloidogyne graminicola</i> in Rice.		Agriculture And Biology	
3	Babar Khan, Nazir Javed, Sajid Aleem Khan, Nasir Ahmed Rajput, Huma Abbas, Abdul Jabbar, Madassar Walait and Zuniara Akash	Evaluation of entomopathogenic nematode <i>Steinernema glaseri</i> an effective biological entity against pink bollworm and armyworm in laboratory.	2018	International Journal of Biology and Biotechnology 15 (2): 301-306	N/A
4	Aatif H. M., N. Javed, S. A. Khan, S. P. Lali, M. I. Ullah.	Evaluation of persistence and effectiveness of bacterial cell suspensions and culture filtrates against <i>M. incognita</i> on brinjal.	2013.	Archives of Phytopathology and Plant Protection.	N/A

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

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Huma A., M. Kamran, N. Javed, and S. A. Khan.	Impact of Integrative Management Strategies on the Reproduction of Root Knot Nematode, <i>Meloidogyne incognita</i>	2022.	Pakistan Journal of Zoology. 1:7	0.687
2	Waqas A. K., N. Javed, M. Naveed, S. A. Khan and S. Ahmad	2022. Evaluation of integrated management approaches against citrus nematode (<i>Tylenchulus semipenetrans</i>) in Pakistan.	2022	International Journal of Phytopathology. 11(1):19-33	
3	Usman, M. A., S. A. Khan, N. Javid, A. U. Malik.	Synergism of citrus nematode (<i>Tylenchulus semipenetrans</i> Cobb.) and <i>Colletotrichum gloeosporioides</i> plays a major role in citrus dieback.	2021	Pakistan Journal of Agricultural Sciences.58(4)	0.748
4	Naz, Mehwish, S. A. , N. Javed, B. Fatima.	Interaction of <i>Meloidogyne incognita</i> and fungi: a potential	2021.	Pakistan Journal of Agricultural Sciences. 58(4):	0.748

		threat to cotton crop in Punjab.			
5	Naeem, A., I. Haq, S. Ijaz, S.A. Khan and R.W.K. Qadri.	Unveiling the Fusarium proliferatum association with ficus dieback from Punjab, Pakistan.	2020.	Pak. J. Agri. Sci. 57(5), 1337-1344	0.748
6	Parveen, A, S.A. Khan, N.Javed, A. Moosa, K. Javaid, H. Safdar, A.Safdar.	Steinernema kraussei and Moringa oleifera Extracts Can Suppress Meloidogyne incognita Infection on Tomato.	2020.	Pakistan Journal of Zoology	0.831
7	Abbas, H., N. Javed, M. Kamran, S. A. Khan, H. Abbas, A. Jabbar, M. Naz, I. Ullah.	Effect of Different Application Methods on the Nematicidal Activity of Bio and Synthetic Chemicals against Root Knot Nematode, Meloidogyne incognita (Kofoid and White) Chitwood	2020.	Pakistan Journal of Zoology	0.831
8	Safdar,H., N.Javed, S.A.Khan and M. Arshad.	Reproduction potential of entomopathogenic nematodes on armyworm(Spodoptera litura.	2018.	Pakistan Journal of Zoology.50(2): 771-771	0.831
9	Khan, A.R., N Javed, S.T. Sahi, .T Mukhtar, S.A. Khan, W. Ashraf.	Glomus mosseae (Gerd & Trappe) and neemex reduce invasion and development of Meloidogyne incognita.	2017.	Pakistan Journal of Zoology.49(3) 841-847	0.831
10	Raheel, M., N. Javed, S. A. Khan, H. M. Aatif and S. Ahmed.	Effect of Temperature on the Reproductive Potential of Indigenous and Exotic Species of Entomopathogenic Nematodes inside Galleria mellonella L. Larvae.	2017.	Pakistan Journal of Zoology.49(1): 395-395	0.831
11	Ahmed, A.Q., Nazir Javed, S.A. Khan, Huma Abbas and Muhammad Kamran.	Efficacy of rhizospheric organism <i>Rhizobium leguminosarum</i> against <i>Meloidogyne incognita</i> in soybean..	2016.	Pak. J. Agri. Sci. 53(2):377-381	0.677
12	Khan, S.A., N. Javed, S.A. Anwar, I.U. Haq, K. Naveed,	Survival of Entomopathogenic	2016.	Pakistan J. Zool. 48(5):1349-1352.	0.547

	Z. Ullah and A. Safdar.	Nematodes in Sterilized vs Non-Sterilized Soil.			
13	Khan, N.A., M. Ajmal, N. Javed, M. Asif, M. Inam ul Haq, R. Binyamin and S.A. Khan.	Impact of sawdust using various woods for effective cultivation of oyster mushroom.	2012.	Pak. J. Botany. 44(1): 399-402	0.75

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

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Bakhsh, B.P., Khan, S.A., Yaseen, G., Waris, M., Ahmed, M., ur Rehman, M.Z., Akram, M., Ahmed, I. and Khan, J	., 2024. Evaluation of Potential Botanical Extracts against Root-Knot Nematode Infestation in Date Palm.	2024	<i>Planta Animalia</i> , 3(2), pp.27-35.	
2	Haq,I.U., M. Shoaib, Siddra Ijaz, K.P. Akhter, S.A.Khan and N.A.Khan.	<i>Polyalthia longifolia</i> , A new host record of <i>Nogrospora sphaerica</i> causing leaf blight in Pakistan and efficacy determination of various fungicides against this pathogen.	2017.	Pakistan Journal of Phytopathology. 29(01):97-101	
3	Murtaza, T., N. Javed, M. Kamran, S. A. Khan, H. Abbas, Z. Iqbal, M.A. Iqbal and M.U. Shahbaz.	Determination of damage potential of <i>Meloidogyne incognita</i> on different vegetable crops and its management with Cadusafos (Rugby).	2016.	Journal of Agricultural Research. 54(4).	
4	Khan, S.A. M. Awais, N. Javed, I.U. Haq. A. Moosa, A. Safdar and M. Umer.	Screening of pea varieties against pea wilt caused by <i>Fusarium oxysporum</i> f.sp <i>pisi</i> and its in vitro chemical management.	2016.	Pak. J. Phytopath.	
5	Jabbar, A., N Javed, A Munir, SA Khan, H Abbas.	<u>New host record of root-knot nematode (<i>Meloidogyne graminicola</i>) in Pakistan.</u>	2016.	Pakistan Journal of Nematology. 34 (1):101	

6	Raheel. M., N. Javed, S.A. Khan and Sohail Ahmed.	Impact of Soil texture on the infectivity of different species of Entomopathogenic nematodes against Greater Wax Moth (<i>Galleria mellonella</i> L.).	2015.	Pakistan Journal of Phytopathology. 27(02):189-192`	
7	Muhammad Waris, Imran ul Haq, Sajid A Khan, Mudassir Iqbal, Muhammad Shoaib, Zia Ullah.	<u>Screening of cucumber varieties against downy mildew (Pseudoperonospora cubensis) and its chemical management.</u>	2018.	Pakistan Journal of Phytopathology.21-24	
8	Khan, S.A., N. Javed, M. Kamran and H.M. Atif.	Response of tomato cultivars to root knot nematode <i>Meloidogyne incognita</i> .	2010.	Pakistan Journal of Nematology 28(1):115-122.	
9	Khan, S.A., N. Javed, M. Kamran and H.M. Atif.	Suppression of <i>Meloidogyne incognita</i> by live and dead entomopathogenic nematodes in tomato.	2010.	Pakistan Journal of Nematology 28(1):135-142.	
10	Khan, S.A., N. Javed., M.A. Khan., M.M. Khan.	Effect of entomopathogenic nematodes on invasion and development of root knot nematodes in tomato.	2010.	Pak. J. Phytopath. 21(1)	
11	Khan, S.A., N. Javed, M.A. Khan, M. Kamran and H.M. Atif.	Effects of plant extracts on egg hatching and larval mortality of <i>Meloidogyne incognita</i> . Pakistan	2008.	Journal of Phytopathology. 20(2):204-208.	

20j. List of Conference Proceeding Papers/Abstracts etc.

S#	Authors	Title	Year	Publishing Details
1	Khan,N.A., M. Afzal, A.Rehman, I. U.Haq, S. A. Khan, A.Younas	Assessment of different agro waste materials for yield production of <i>Pleurotus pulmonarius</i>	2024	8 th International Conference on “Sustaining Livelihoods: Climate-Smart Agriculture for Food Security on

				03-04 July, 2024 at Faculty of Agriculture, University of Poonch Rawalakot.
2	Khadim, U., H.Abbas, S. A. Khan, M. Kamran, S. Ali,	Histopathological alterations in carrot germplasm due to the infection of <i>Meloidogyne incognita</i>	2024	8 th International Conference on “Sustaining Livelihoods: Climate-Smart Agriculture for Food Security on 03-04 July, 2024 at Faculty of Agriculture, University of Poonch Rawalakot.
3	Jabbar. A., N. Javed, A. Munir, S.A. Khan , B. Khan, M.A. Ali.	Ecological distribution of <i>Meloidogyne graminicola</i> in rice fields of Faisalabad and Chiniot districts of Pakistan.	2017	6 th International Conference of Pakistan Phytopathological Society held at BZU, Multan, November 20-22, 2017
4	Abbas. S., H. Abbas, S.A. Khan , M. Hussain, N. Javed, M. Naz.	Histopathological changes induced by Root-knot nematodes in Okra.	2017	6 th International Conference of Pakistan Phytopathological Society held at BZU, Multan, November 20-22, 2017
5	Naz. M., S. Rehman, S.A. Khan , G.M-ud-Din.	Efficacy of various Fungicides and Biocontrol agents against <i>Fusarium semitectum</i> of Rice	2017	International Conference on Advances in Agricultural Resource Management

		Seed under control condition.		(ICARM-2017) held at the University of Agriculture Faisalabad 5-7 April 2017.
6	Haq, I.U., S.A. Khan , R.M.S. Tariq, N.A. Khan and I. Ashraf.	Mushroom cultivation; an economical deal to alleviate the starvation among all ages.	2016.	National conference on innovative extension services and ICTs for agricultural and rural development, held at UAF, January 11-12, 2016.
7	Khan, B., N. Javed, S.A.Khan , N.A. Rajput, H. Abbas, A. Jabbar, A. Perveen, and Z.Aakash.	In vitro virulence of Entomopathogenic nematodes(<i>Stenernema glaseri</i>) against pink boll worm and army boll worm larvae.	2017.	15 th National and 6 th International Conference of Botany held at Sardar Bahadur Khan Women,s University(May 9-11 th 2017).177
8	Naeem, I., N. Javed., S.A. Khan , H. Abbas and M. Kamran.	Evaluation of <i>Moringa olifera</i> leaves extract on the development of citrus nematode, <i>Tylenchulus semipenetrans</i> .	2016.	2 nd International Conference on Horticultural Sciences held in Institute of Horticultural Sciences University of Agriculture, Faisalabad. February 18-20.p.4.
9	Anam Moosa, A.Farzand,S.T.Sahi, I.U.Haq, S.A.Khan , K. Javed, I. Naeem and H. Safdar.	Exploitation of the Antagonistic Potential of Trichoderma Isolates and Agricultural Composts Against Fusarium Wilt of Tomato.	2015.	3 rd International Conference on Chemical, Biological and Environmental Sciences on Dec 31 to 1 st , JAN, 2016 at Bankok Thailand.
10	Batool,H I. U. Haq, S. T. Shai, Sajid Aleem Khan & Tazeem Akhtar.	Interaction of Plant Pathogenic Fungi and	2014	International Conference on

		Nematode in Association with Citrus Decline and its Management through Fungicides and Nematicides.		Stress Biology and Biotechnology, Challenges and Management, May 21-23-2014.
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21. List of Seminars/Conferences attended

S#	Organizers	Conference Title/Theme	Year	Presentation (oral/poster)	Other Details
1	Faculty of Agriculture, University of Poonch Rawalakot	8 th International Conference on “Sustaining Livelihoods: Climate-Smart Agriculture for Food Security	2024	Oral	
2	BZU, Multan	6 th International Conference of Pakistan Phytopathological Society held at	2017	Oral	
3	Institute of Agricultural Sciences, University of Punjab, Lahore.	Crop Protection for Sustainable Agriculture	2015	Oral	
4	Institute of soil and environmental sciences University of Agriculture, Faisalabad, Pakistan.	International Conference on “Soil Sustainability for Food Security”	2015	Oral	
5	University of Karachi, Karachi,	International conference of Pakistan Phytopathological Society on climate change and plant diseases	2014	Oral	

22. List of Seminars/Conferences/Trainings arranged

S#	Organizers	Role	Year	Other Details
1	ORIC, UAF	Keynote speaker	2023	Series of brainstorming sessions for Associate Professors
2	ACIAR and Pakistan Phytopathological Society	Mentor/keynote speaker	2023	Mentoring young phytodoctors
3	CABI, International	Resource person	2017	Training on SPS Compliances in fresh produce supply chains as resource person in Collaboration with CABI at Gilgit
	University of Agriculture, Faisalabad and Punjab Agriculture Department	Instructor	2017	Trainings of field staff of Punjab Agriculture Deptt at Inservice Agricultural Research Institute, Sargodha
	Department of Agronomy, University of Agriculture, Faisalabad	Instructor/supporting staff		Advanced certificate course on sugarcane Agronomy
	Department of Plant Pathology and HEC	Organizer and Resource person	2013	3 days AIT Cascading workshop on ensuring training effectiveness

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	Sumaira Akram	2019	Plant Pathology	Screening of wheat varieties/germplasm against root knot nematode (<i>Meloidogyne graminicola</i>) and its management	
2	M. Usman Afzal	2021	Plant Pathology	Integrated management of Citrus Dieback caused by the involvement of <i>Colletotrichum gloeosporioides</i> and citrus nematode (<i>Tylenchulus semipenetrans</i> Cobb.)	
3	Mehwish Naz	2021	Plant Pathology	Role of Plant pathogenic fungi and root knot nematodes in cotton wilt and its integrated management	

4	Nadeem Asghar	2022	Plant Pathology	Antagonistic potential of fungi and bacteria to control citrus nematode (<i>Tylenchulus semipenetrans</i> Cobb.)	
5	Arslan Khan	2017			

23b. List of Ph.D. Students Supervised as Member Supervisory Committee

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Adnan Kashif	2025			
2	Iqra Mubeen	2025			
3	Tauseef Tariq	2025			
4	Muhammad Saqib	2024			
5	Iqra Naeem	2023			
6	Waqas Ahmed Khan	2023			
7	Ayesha Maryam	2021			
8	Aisha Khalid Naeem	2020			
9	Abdul Jabbar	2019			
10	Anam Moosa	2019			
11	Waqas Ahmad Khan	2021			
12	Naeem Mushtaq	2021			
13	Anam Moosa	2019	Plant Pathology		
14	Hina Safdar	2016	Plant Pathology	Comparative efficacy of entomopathogenic nematodes, their associated bacteria and toxins against Army worm (<i>Spodoptera litura</i>) on vegetables (Completed)	
15	Huma Abbas	2015	Plant Pathology	Exploitation of nematicidal potential of Bio and Synthetic chemical against root knot nematode <i>Meloidogyne incognita</i> on tomato (Completed)	
16	Atta ur Rehman	2015	Plant Pathology	Efficacy of mycorrhizal fungi and neemax against <i>Meloidogyne incognita</i> (Kofoed and White)	

				Chitwood on eggplant in relation to nutrients uptake (Completed)	
17	M. Raheel	2015	Plant Pathology	Determination of ecological factors for the survival, infectivity and reproduction of entomopathogenic nematodes (Completed)	
18	M. Kamran	2014	Plant Pathology	Genetic variability among different populations of root knot nematodes associated with vegetables and their vulnerability to <i>Pasteuria penetrans</i> (Completed)	
19	H. M. Atif	2013	Plant Pathology	Efficacy of entomopathogenic nematodes, their associated bacteria and toxins on the development of <i>Meloidogyne incognita</i> on brinjal (Completed)	

23c. List of M.Sc. (Hons.)/M.Phil. Students Supervised as Major Supervisor

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Hafiz Bilal Ahmad	2022	Plant Pathology	Use of essential oils to reduce the incidence of <i>Penicillium</i> rot in different citrus varieties	
2	Umer Amin	2022	Plant Pathology	Antagonistic potential of <i>Trichoderma</i> spp. Against citrus melanose(<i>Diaporthe citri</i>)	
3	Junaid Iqbal	2022	Plant Pathology	Association of plant pathogenic fungi with citrus gummosis and their management through the use of fungicide of bio origin	
4	M. Iqbal Mahmood	2022	Plant Pathology	Management of guava anthracnose by using botanicals	
5	Abdul Hadi	2022	Plant Pathology	Chemical control of root knot nematodes in chilli	
6	Mratib Ali	2022	Plant Pathology	Evaluation of efficacy of essential oils against brown spot of citrus	10
7	Shahnaz Jamil	2022	Plant Pathology	Management of brown spot of citrus caused by <i>Alternaria citri</i> by using chemicals	
8	Jalal Shah	2022	Plant Pathology	Evaluation of botanical extracts and biochar against root knot nematode in chilli plant	
9	Irtiza Sharif	2022	Plant Pathology	Management of citrus foot rot(<i>C.O Phytophthora</i>) by using <i>Trichoderma</i> and <i>Purpureocillium lilaacinum</i>	
10	Tauseef Tariq Kisana	2022	Plant Pathology	Suppression of citrus nematode population by using Entomopathogenic nematodes	

11	Noman Rasheed	2021	Plant Pathology	Biomanagement of root knot nematodes in field through the use of vermicompost and <i>Bacillus</i> spp.	
12	Tanveer Ahmad	2021	Plant Pathology	Impact of different isolates of root knot nematodes on galling pattern of brinjal crops	
13	Muhammad Kaleem Khawar	2021	Plant Pathology	Management of fruit fly through the use of entomopathogenic nematodes	
14	Aziz Ahmad	2021	Plant Pathology	Synergistic effect of antagonists in combination with biopesticides for the management of twig and stem blight (<i>Botryodiplodia theobromae</i>) of cotton	
15	Qamber Khan	2021	Plant Pathology	Biological Control of Verticillium wilt in cotton through use of biocontrol	
16	Mehwish Afzal	2021	Plant Pathology	Biological control of root knot nematodes by plant extracts in radish	
17	Kashif Irshad	2020	Plant Pathology	Management of strawberry rot through the use of plant extracts	
18	Adeel Asghar	2020	Plant Pathology	Reproductive Potential of Indigenous and Exotic Species of EPNs (<i>Heterorhabditis</i> & <i>Steinernema</i>) On Selected Lepidopteran Insect Pests	
19	Muhammad Asif	2020	Plant Pathology	Biological control of infectious root knot nematode by antagonistic bacteria in Brinjal	
20	Muhammad Saad Asif	2020	Plant Pathology	Association of plant parasitic nematodes with cotton in district Bahawalnagar	
21	Areeba Ibrar	2020	Plant Pathology	Bio-management of cotton wilt disease caused by interaction of <i>Fusarium oxysporum</i> f.sp. <i>Vasinfestum</i> and <i>Colletotrichum gossypii</i>	
22	Samar Luqman	2020	Plant Pathology	screening and evaluation of cotton (<i>Gossypium hirsutum</i>) local germplasm against <i>Fusarium oxysporum</i> under different temperatures	
23	Sidra Irshad	2020	Plant Pathology	Biological control of <i>Meloidogyne graminicola</i> through plant extracts and antagonistic fungus in rice	

24	Sehrish Bashir	2020	Plant Pathology	Management of <i>Meloidogyne graminicola</i> on <i>Oryza sativa</i> through the use of chemicals	
25	Khansa Irfan	2019	Plant Pathology	Multiplication of <i>Steinernema kraussei</i> and <i>Steinernema glaseri</i> on the larvae of different Insect pest.	
26	Aasia Irshad	2019	Plant Pathology	Bio management of citrus nematode through use of plant growth promoting rhizobacteria	
27	M. Nazim Khan	2019	Plant Pathology	Incidence of charcoal rot(<i>Macrophomina phaseolina</i>) of Sesame(<i>Sesamum indicum</i> L.) in South Punjab and its management through the use of Fungicides and <i>Trichoderma</i> spp.	
28	Maha Sarfraz	2019	Plant Pathology	Management of <i>Fusarium</i> wilt of cotton through chemical and biological methods	
29	M.Shoaib	2019	Plant Pathology	Chemical management of <i>Meloidogyne incognita</i> (Root-Knot Nematode) on selected potato germplasm	
30	Mehwish Naz	2016	Plant Pathology	Biomangement of Cotton wilt caused by complex of <i>Fusarium vasinfectum</i> and <i>Meloidogyne incognita</i>	
31	Syed Saqlain Ahmed Bukhari	2016	Plant Pathology	Efficacy of entomopathogenic nematodes on the development of <i>Meloidogyne incognita</i> on tomato (Completed)	
32	Usman Afzal	2016	Plant Pathology	Screening of Selected Okra Cultivars Against Development of Root-Knot Nematodes (<i>Meloidogyne Incognita</i>). (Completed)	
33	Abida Parveen	2016	Plant Pathology	Evaluation for biocontrol potential of Entomopathogenic nematodes in combination with Plant extract for management of root knot infection in tomato. (Completed)	
34	M. Asif	2016	Plant Pathology	Management of citrus nematode by the integration of salicylic acid with moringa. (Completed)	

35	Khushboo Javaid	2015	Plant Pathology	Exploiting the potential of <i>Trichoderma</i> species against root rot of cotton in selected cotton germplasm (Completed)	
36	Muhammad Bilal Ahmed Raja	2015	Plant Pathology	Screening of wheat germplasm against <i>Meloidogyne graminicola</i> and its management through plant extracts (Completed)	
37	Tanveer Hussain		Plant Pathology	Screening of chickpea germ plasm against root knot nematodes(<i>Meloidogyne incognita</i>) and its management	
38	Tayyaba Yasin	2014	Plant Pathology	Interaction of PGPR (plant growth promoting rhizobacteria) and EPN (Entomopathogenic nematodes) in management of Citrus nematode (Completed)	
39	Arslan Shabbir	2014	Plant Pathology	Screening of winter vegetables against root knot nematode (<i>Meloidogyne incognita</i>) and its management	
40	Sumaira Akram	2014	Plant Pathology	Screening of Cotton germplasm against root knot nematode	
41	Abdul Jabbar	2013	Plant Pathology	germplasm against <i>Ascochyta rabiei</i> (Pass) lab. And its chemical management (	
42	Saif Ullah	2013	Plant Pathology	Nutritional management of root knot nematode (<i>Meloidogyne incognita</i>) in eggplant through non-conventional method	
43	M. Fiaz	2013	Plant Pathology	Effects of Inducers of Systemic Acquired Resistance on Reproduction of Root Knot Nematodes in Tomato.	
44	M. Zafar Amin	2013	Plant Pathology	Interaction of plant growth promoting rhizobacteria and fungi for management of citrus nematode (<i>Tylenchulus semipenetrans</i>	
45	Ahmad Sulaman	2013	Plant Pathology	Incidence of corm rot of <i>Gladiolus grandiflorus</i> L. caused by <i>Fusarium oxysporum</i> f.sp. <i>gladioli</i> in Kasur and Pattoki Districts, Punjab, Pakistan and its integrated management.	
46	Ali Awais	2013	Plant Pathology	Screening of pea germplasm against pea wilt caused by <i>Fusarium</i>	

				<i>oxysporum</i> f. sp. <i>psi</i> and its chemical control.	
47	Mohsin Raza	2012	Plant Pathology	Effect of PGPR on root knot nematodes in tomato.	
48	Maria Munawar	2012	Plant Pathology	Synergistic effect of <i>M. incognita</i> and <i>Fusarium lycopersici</i> in tomato wilt and its management.	
49	Farooq Afzal	2012	Plant Pathology	Pathological factors responsible for citrus blemishes and their management.	
50	Shafqat Ali	2012	Plant Pathology	Screening of various sunflower cultivars against root knot nematodes.	
51	M Wasim	2011	Plant Pathology	Persistence and survival of entomopathogenic nematodes at various temperature and soils.	

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

S. #	Name of Student	Year	Deptt.	Supervisory Committee
1	M.Waqar Javed	2022	Plant Pathology	
2	Anss Naeem	2022	Plant Pathology	
3	Amna Javed	2022	Plant Pathology	
4	Imtiaz Ahmad	2022	Plant Pathology	
5	Ammar Abbas	2022	Plant Pathology	
6	Aqsa Ashfaq	2022	Plant Pathology	
7	Faisal Mehmood	2022	Plant Pathology	
8	Ayesha Javed	2022	Plant Pathology	

9	Muhammad Irshad	2022	Plant Pathology	
10	Muhammad Shehzad Sharif	2022	Plant Pathology	
11	Gulzar Ahmad	2021	Plant Pathology	
12	Waqar Hassan	2021	Plant Pathology	
13	Sayed Raena Abbas	2021	Plant Pathology	
14	Sufyan Jillani	2021	Plant Pathology	
15	Muhammad Hasnain Iqbal	2020	Plant Pathology	
16	Muneeba Irum	2020	Plant Pathology	
17	Muhammad Haseeb Ahmad	2019	Plant Pathology	
18	Haseeb ullah Kamber	2019	Plant Pathology	
19	Ayesha Javid	2019	Plant Pathology	
20	Asma Aziz	2016	Plant Pathology	
21	Zunaira Akash	2016	Plant Pathology	

22	Muhammad Usman	2016	Plant Pathology	
23	Ali Nawaz	2016	Plant Pathology	
24	Babar Khan	2016	Plant Pathology	
25	Suleman Azmat	2016	Plant Pathology	
26	Maheen Fatima	2016	Plant Pathology	
27	Komal Ambreen	2016	Plant Pathology	
28	Sajed Tanveer	2015	Plant Pathology	
29	Humaira Batool	2014	Plant Pathology	
30	Muddasir Iqbal	2014	Plant Pathology	
31	Waqas Liaqat	2014	Plant Pathology	
32	Tahir Ali	2014	Plant Pathology	
33	Irfan Haider Hashmi	2014	Plant Pathology	
34	Maryam Azhar	2014	Plant Pathology	
35	M. Asif Ikram	2014	Plant Pathology	
36	Atif Mehmood	2014	Plant Pathology	
37	Usman Tufail	2014	Plant Pathology	
38	Nadeem Iqbal	2014	Plant Pathology	
39	Kashif Sohail	2014	Plant Pathology	
40	Anser Farooq	2014	Plant Pathology	
41	Farooq Ahmed	2014	Plant Pathology	
42	Aamna Mustanir	2014	Plant Pathology	
43	Jawairia Zafar	2013	Plant Pathology	

44	Tamsal Murtaz	2013	Plant Pathology	
45	Maria Amin	2013	Plant Pathology	
46	Saadia Rashid	2013	Plant Pathology	
47	Ghafran Ahmad	2013	Plant Pathology	
48	Amna Mustanir	2013	Plant Pathology	
49	M. Kaleem Sarwar	2013	Plant Pathology	
50	M. Saif ullah	2013	Plant Pathology	
51	M. Waris	2013	Plant Pathology	
52	M. Shoaib	2013	Plant Pathology	
53	Mr.Aneel Shehzad	2013	Plant Pathology	
54	Muhammad Adnan Khalid	2013	Plant Pathology	
55	Aamna Palwsha	2012	Plant Pathology	
56	Umer Farooq	2012	Plant Pathology	
57	M. Murslain	2012	Plant Pathology	
58	Amjad Shehzad Gondal	2012	Plant Pathology	
59	Kamran Afzal	2012	Plant Pathology	
60	Zeeshan Siddiqui	2012	Plant Pathology	
61	Fayzan Javed	2012	Plant Pathology	
62	Nida Abid	2011	Plant Pathology	
63	Ehsan ur Rehman	2011	Plant Pathology	
64	M. Anwar ul Haq	2011	Plant Pathology	
65	Zia Ullah	2011	Plant Pathology	
66	Saira Shahzad	2011	Plant Pathology	
67	Arooj Mehtab	2011	Plant Pathology	
68	Maryam Gillani	2011	Plant Pathology	
69	Huma Abbas	2011	Plant Pathology	

70	Montazir Mahdi	2011	Plant Pathology	
71	Hira Manzoor	2011	Plant Pathology	
72	Nayba Ghaffar	2011	Plant Pathology	
73	Ahmad Hayat	2011	Plant Pathology	
74	M. Zohaib Zawar	2011	Plant Pathology	
75	Waqar Islam	2011	Plant Pathology	

Research Projects

Research Projects completed

S. #	Title of the research project	Position	Duration (From-To)	Amount (Million Rs)	Donor
1.	Relationship between fungus and nematodes associated with cotton in Punjab and its management	PI	2014-2019	2.5839 Million	HEC
2.	Etiology and integrated management of Declining Perennial Ornamental Plants	Co P.I	2014-2018	6.68 millions	HEC (NRPU)
3.	Establishment and demonstration of model papaya orchard for technology transfer at PARS for growers	Team Member	2015-2018	2.593 Million	UAF-US collaboration for strengthening of Agri academia
4	Reducing rind blemishes for improving cosmetic quality and farm gate income	Team Member	2015-2018	3.9 Million	UAF-US collaboration for strengthening of Agri academia
5	Investigation on involvement of root knot nematodes and fungi in root rot of cotton in Punjab and its integrated management	PI	2019-2023	2.269 Million	HEC

Awards/Distinctions

S. #	Name of Award/Distinction	Year	Details
1.	HEC indigenous scholarship (200 scholarships)	2004	Ministry of Science and Technology
2.			
3.			

26. Academic/Professional collaboration

S#	Collaborating agencies	Nature of Collaboration
National		

1.		
2.		
3.		
International		
1.	CABI	Completed project on SPS compliance in fresh fruit supply chain

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.	Farmer Days			Every Year
2.	Wadhiam mela			Every Year
3.	Spring festival			Every Year
4	Wheat Campaign			2019-2023 Each Year
5	SPS Compliance in fresh fruit			Series of trainings throughout year wef 2015-2017