

Curriculum Vitae

Personal Profile



Name	<i>Dr. Muhammad Ahsan Khan</i>
Fathers Name	<i>Ghulam Muhammad Khan</i>
Date of birth	08-10-1967
Domicile	Faisalabad
N.I.C Number	33100-8333151-1
N.T.N	2250135-8
Religion	Islam
Marital Status	Married
Postal Address	House # 12, University Villas Rajawala University of Agriculture, Faisalabad
Permanent Address	Chak # 33 JB, District Faisalabad
Phone No.	0300-6645373
Email Address	drmakhaz@yahoo.com
Highest Qualification	Post Doctorate (Imperial College, London) Ph.D. (Agri. Entomology) University of Agriculture, Faisalabad
Major Field of Studies	Integrated Pest Management and Sericulture

REFERENCES:

1-Prof. Dr. Waseem Akram

Department of Entomology,
University of Agriculture, Faisalabad.

2-Prof. Dr. Muhammad Jafar Jaskani

Institute of Horticultural Sciences,
University of Agriculture, Faisalabad.

Academic Record

Qualification	Board/University	Marks/CGPA	Year
Post Doctorate	Imperial College London		2011
Ph.D.	U.A.F. Faisalabad		2002
M.Sc.(Hons)	U.A.F. Faisalabad	[3.75/4.00]	1994
B.Sc.(Hons)	U.A.F. Faisalabad	[3.56/4.00]	1992
H.S.S.C.	Board of Intermediate and Secondary education Sargodha	540/1100	1987
S.S.C.	Board of Intermediate and Secondary Education Sargodha	601/850	1983

Work Experience

- One-year research fellow in project “I.P.M. of fruit fly” in Entomology Department
- Lecturer (on per lecture basis) in the Department of Entomology from 01-03-1999 to 12-04-2003
- Regular lecturer (B.P.S 17) in the Department of Entomology from 12-04-2003 to 11-04-2005
- Adhock Assistant Professor (B.P.S 18) in the Department of Entomology from 12-04-2005 to 30-09-2006
- Regular Assistant Professor (B.P.S 18) from 30-09-2006 to 20-05-2009
- Assistant Professor on (T.T.S 19) From 21-05-2009 to 29-12-2013
- Associate Professor on (T.T.S 19) from 29-12-2013 to 29-06-2015
- Associate Professor on (B.P.S 20) from 30-06-2015 to 01-12-2018
- Associate Professor on reverted back (Tenured 20) from 01-12-2018 to 21-03-2022

- Professor in BS-21 (76720- 5000-146720) on Regular basis from 22.03.2022 to date

Computer Knowledge

- Microsoft Word
- Microsoft Power Point
- Microsoft Excel
- Internet

Extra-Curricular Activities

- Football, Cricket, Chess.
- Rover Scouting
- Volunteer Social Services
- President Karate Team, U.A.F

Student Supervision

(i) Ph. D. Students as major supervisor

Name	Title	Year	Supervision
Muhammad Aamir Rashid 2003-ag-1510	Comparative efficacy of integrated control measures and population dynamics of red pumpkin beetle on Indian Snapmelon	2015	Supervisor (Produced)
Muhammad Ashfaq 2011-ag-887	Loss assessment and management of fruit flies (Diptera: Tephritidae) in citrus orchards	2019	Supervisor (Produce)

(ii) Ph. D. Students as co-supervisor

Name	Title	Year	Supervision
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Nasir Masood 99-ag-1384	Spatio-temporal trends and integrated management of sugarcane whitefly.	2011	Co-supervisor (Produced)
Shahid Iqbal 2000-ah-1262	Designing Bio-Intensive Integrated pest Management Module for the control of Cabbage Butterfly (<i>Pieris brassicae</i> (L.) Paridae: Lepidoptera	2014	Co-supervisor (Produced)
Javed Akhtar Bhatti 99-ag-1307	Effect of abiotic factors on the incidence and development of bollworm complex of some advanced genotypes of cotton under unsprayed conditions.	2015	Co-supervisor (Produced)
Shahla Nargis 2011-ag-532	Ecological distribution of soil macro-invertebrates among mango orchards		Co-supervisor (In hand)
Nida Liaqat 210-ag-2621	Evaluation of multiple regression models based upon epidemiological factors for the management of back leg of potato		Co-supervisor (In hand)
Muhammad Husnain 2012-ag-3371	Home range and management of Porcupine (<i>Hystrix indica</i>) in Punjab, Pakistan		Co-supervisor (In hand)
Rahat Rauf 2008-ag-2555	Characterization of <i>Moringa oleifera</i> spp. To heavy metals under field and control conditions		Co-supervisor (In hand)

(iii) M.Sc.(Hons.) Students Produced

Name	Title	Year	Supervision
Muhammad Nadeem	Response of various genotypes of Wheat towards Aphid and itragvild predators population under Faisalabad ecological condition	2004	Supervisor
Muhammad Zeeshan Majeed	Effect of abiotic factors on the incidence & development of sucking insect pest complex on some advanced genotypes of cotton under unsprayed conditions	2005	Supervisor
Muhammad, Ghulam	Combined effect of optimum doses of nitrogen,	2006	Supervisor

moin-ud-din.	phosphorus, potassium and calcium on the larval developoment and silk yield of silkworm, <i>bombyx moril</i>		
Syed Waqar Hussain Shah	Studies on physio morphological characteristics for resistance in cotton plants to sucking insect pests	2007	Supervisor
Fiaz Ahmad	Field evaluation of methyleugenol and utanone acetate for monitoring melon fruit fly population in bitter Gourd crop	2008	Supervisor
Muhammad Kaleem Asghar	. Evaluation of resistance of Dhora (<i>callosobruchus chinensis</i> L.) In different gram varieties/lines (<i>cicer arietinum</i> L.).	2009	Supervisor
Muhammad Asadullah	Efficacy of mechanical insect pest control using LEPIK (light equipped power sucker, insect killer in Maize. (Completed)	2009	Supervisor
Muhammad Aamir Rashid	Efficacy of mechanical insect pest control using LEPIK (light equipped power sucker, insect killer in Cotton. (Completed)	2009	Supervisor
M. Kaleem Asghar	Evaluation of resistance to Dhora (<i>Callosobrachus chinensis</i>) in different gram verities / lines (<i>Cicer arietinum</i>)	2009	Supervisor
Jahanzeb Bukhari	Influence of physic-morphic plant characters in Bt.Cotton cultivars and meteorological factors on incidence of thrips (<i>Thrips tabaci</i>)	2010	Supervisor
Adnan Ali	Effect of physic-morphic plant characters of Bt. Cotton and meteorological factors against Aphid	2010	Supervisor
Javed Asghar	Physio- morphic plant characters influencing resistance in Bt. Cotton against whitefly <i>Bemisia tabasi</i> (Genn.)	2010	Supervisor
Hafiz-ur-Reham	Effect of physic-morphic plant characters and metrological factors on Jassid (<i>Amrasca devastance</i>) attack on different Bt. Verities of cotton	2010	Supervisor
Mubashar Hussain	Biology and yield losses caused by dusky cotton bug <i>Oxycarenus laeus</i>	2011	Supervisor
Muslim Ali	Performance of insecticides and combination cultural practices on Onion thrips	2011	Supervisor
Irfan Bhatti	Role of varieties and weather factors in infestation of maize stem borer on maize.	2011	Supervisor
Habib Ahmad	Influence of physio-morphological characters of	2012	Supervisor

Siddique	different varieties of wheat plant and meteorological factors on aphid (<i>Sitobian avenae</i>)(Aphididae:Homoptera) population.		
Syed Wasim Abbas	Influence of foliar fertilizer on wheat aphid population and wheat yield.	2012	Supervisor
Syed Tahir Abbas	Population assessment of sucking insect pests in cotton growing areas, Punjab.	2012	Supervisor
Khurram Shahbaz	Efficacy of different insecticides mixed with mineral oil, glue and surf against major sucking insect pest of cotton.	2012	Supervisor
Muhammad Fahad Raza	Population dynamics of thrips and beneficial fauna on transgenic and conventional cultivar of cotton	2012	Supervisor
Muhammad Ashfaq	Efficacy of different insecticides against guava (<i>Pisidium guajava</i>) fruit fly <i>Bactrocera correcta</i> (Diptera: Tephritidae) at district Sheikhpura, Punjab	2013	Supervisor
Aamir Habib	Response of <i>Dacus dorsalis</i> towards different concentrations of methyl eugenol and cue-lure trap	2013	Supervisor
Shahid Iqbal	Integrated pest management of fruit flies in citrus orchards at Faisalabad district.	2013	Supervisor
Muhammad Musa Khan	The role of morphological and bio-chemical plant characteristics of Bt-cotton cultivars in developing resistance against cotton jassid <i>Amrasca bigutella bigutella</i> .	2013	Supervisor
Ch. Zain Tahir	The role of morphological and bio-chemical plant characteristics of Bt-cotton cultivars in developing resistance against cotton thrips <i>Thrips tabaci</i> .	2013	Supervisor
Yasir Farooq	Efficacy of different insecticides against mango fruit fly using bait method in mango orchards district Layyah.	2014	Supervisor
Ghulam Abbas	Role of morphological and biochemical characters of okra (<i>A. asculantam</i>) resisting against Jassid (<i>Amrasca bigutella bigutella</i>)	2015	Supervisor
Muhammad Awais Tariq	Role of physiocomorphic and chemical plant traits imparting resistance against aphid.	2015	Supervisor
Qasim Bashir	Physico-morphic and biochemical charactersitics of okra imparting resistance against thrips.	2015	Supervisor
Muhammad Yahya Khan	Morphological and biochemical characters of okra imparting resistance against whitefly (<i>Bemisia</i>	2015	Supervisor

	<i>tabaci</i>)		
Fazal Karim	Influence of physio-morphological characters of different varieties of wheat plant and meteorological factors on aphid (<i>Sitobian avenae</i>)(Aphididae:Homoptera) population.	2016	Supervisor
Muhammad Zeeshan	Impact of lure source, trap color and trap height on the monitoring of fruit fly in citrus	2016	Supervisor
Sana Javed	Efficacy of different insecticides mixed with mineral oil, glue and surf against major sucking insect pest of cotton.	2016	Supervisor
Muhammad Zubair	Population dynamics of thrips and beneficial fauna on transgenic and conventional cultivar of cotton	2016	Supervisor
Muhammad Awais	Impact of trap color, trap height and Lure source on monitoring of fruit fly in guava orchards.	2017	Supervisor
Majid Majeed	Efficacy and MRL of botanicals for controlling of tomato Aphid	2017	Supervisor
M. Zeeshan Mutafta	Spatio-temporal studies and management of mango mealy bugs	2017	Supervisor
Waseem Abbas	Efficacy and MRL of botanicals for controlling of tomato fruit borer (<i>Helicoverpa armigera</i> Hubner)	2017	Supervisor
Sajjad Manzoor	Evaluate the potential of some conventional and microbial insecticides in chemical based sanitation technique for fruit fly management	2017	Supervisor
Muhammad Usman	Field efficacy of entomopathogenic fungi, nematodes and coragen against <i>Helicoverpa armigera</i> in chickpea	2018	Supervisor
M. Naveed Akhtar	Management of eggplant (<i>solanum melongena</i> L.) Shoot and fruit borer (<i>leucinodes orbonalis</i> Guenee) by using different insecticides.	2018	Supervisor
Atif Shahzad	Impact of insecticide application and meteorological factors on population dynamics of aphid (homoptera: aphididae) and associated biocontrol	2018	Supervisor

Atiq ur Rahman	Management of tomato fruit borer (<i>Helicoverpa armigera</i>) (hubner) (lepidopterra: noctudiae)by using different chemicals	2018	Supervisor
Amina Akbar Kalyar	Evaluation of insecticide (Acetamiprid) on the whitefly sucking insect pest in the cotton field.	2018	Supervisor
Ateeqa Gulzar	Evaluation of insecticide against Thrips (Thysanoptera; Thripidae) on the cotton crop.	2018	Supervisor
Umair Aslam	Evaluation of effects of insecticide (Imidacloprid) on the jassid (<i>Amrasca devastans</i>) on the (<i>Gossypium hirsutum</i>) cotton crop.	2018	Supervisor
Iqra Aslam	Evaluation of Effects of Aphicide (Thiamethoxam) on the Aphid (<i>Aphis Gossypii</i>) sucking insect in the cotton (<i>Gossypium hirsutum</i>) Field	2018	Supervisor
Asif Jabbar	Efficacy of Spinosad-Methyl eugenol and GF-120 (MAT) against fruit fly in District Sargodha	2019	Supervisor
Taskeen Ahmad	Evaluation of microbial and synthetic insecticides against fruit fly under lab conditions	2019	Supervisor
Sara Idress	Evaluation of chemosterilant potential of some insect growth inhibitors against fruit fly under laboratory conditions	2019	Supervisor
Saba Akram	Evaluation of toxicity of Acetylcholinesterase (AChE) inhibitor insecticides against fruit fly in laboratory conditions	2019	Supervisor
Farwa Aslam	Study of <i>Bactrocera zonata</i> life cycle on different fruit host plants	2019	Supervisor
Kiran Shahzadi	Host preference of <i>Bactrocera cucurbitae</i> on different vegetables	2019	Supervisor
Urooj Hassan	Efficacy of pheromone traps against fruit fly	2019	Supervisor
Noshin Tariq	Management of fruit fly in guava orchard Faisalabad	2019	Supervisor
Iqra Aslam	Trapping and detection, control and regulation of fruit fly in citrus orchard	2019	Supervisor

Saima Batool	Evaluation of new chemistry insecticides against fruit fly	2019	Supervisor
Farid Bajwa	Efficacy of pheromone traps against fruit flies and management of fruit fly in Sargodha	2019	Supervisor
Sumbil Munib	Trapping and detection, control and regulation of Tephritidae in guava orchards	2019	Supervisor
Ali Haider	Integrated pest management of fruit fly in Mango	2019	Supervisor
Muhammad Umair	Light trap and their efficacy against different insect pests at field level in Multan	2019	Supervisor
Iram Abbas	Efficacy of different insecticides against fruit fly in lab. Condition	2019	Supervisor
Atika Numan	Toxicity of different insecticides against fruit fly under lab. Condition using different method	2019	Supervisor
Rabbia Mehmood	Alternate control of fruit fly in citrus field in University of Agriculture Faisalabad	2019	Supervisor
M. Fahad	Population dynamic of fruit fly at Faisalabad	2019	Supervisor
Hifza Jabeen	Efficacy of insecticides using different method for the fruit fly	2019	Supervisor
Sidra Siddique	Host preference of fruit fly in fruits and vegetable under lab. Condition	2019	Supervisor
Qasim Mehar	Comparative of different method for the application of insecticides against fruit fly	2019	Supervisor
Ali Hamza	Control of fruit fly by application of different technique	2019	Supervisor
Salyha Naz	Host preference and feeding behavior of fruit fly against different insecticides under lab. Conditions	2019	Supervisor

(iv) M.Sc. (Hons.) Students as major supervisor

Name	Title	Year	Supervision
Muhammad Fahad	DIFFERENT DIETS, PH AND SOIL MOISTURE ON PUPAL DEVELOPMENT OF	2020	Supervisor

	BACTROCERA ZONATA (TEPHRITIDAE DIPTERA)		
Sidra Siddique	EFFICACY OF ENTOMOPATHOGENIC NEMATODES H.INDICA, HETERORHABDITIS BACTERIOPHORA AND STEINERNEMA CARPOCAPSAE AGAINST BACTROCERA ZONATA UNDER LABORATORY CONDITIONS	2020	Supervisor
Iram Abbas	Determination of biological parameters of fruit fly (Diptera: ephritidae) reared on artificial and semi-artificial diets under laboratory conditions	2020	Supervisor
Ameenullah	INTEGRATED PEST MANAGEMENT (IPM) OF BACTROCERA ZONATA (DIPTERA: TEPHRITIDEA) IN CITRUS ORCHARDS AT DISTRICT FAISALABAD	2020	Supervisor
Muhammad Umair	EFFICIENCY OF PHEROMONAL AND INSECT KILLER TRAPS AGAINST BACTROCERA ZONATA (TEPHRITIDAE: DIPTERA) IN MANGO ORCHARDS AT DISTRICT MULTAN	2020	Supervisor
Farid Ahmed Bajwa	EVALUATION OF DIFFERENT CONTROL MEASURES FOR THE MANAGEMENT OF FRUIT FLY (DIPTERA: TEPHRITIDEA) IN CITRUS ORCHARDS AT DISTRICT SARGODHA	2020	Supervisor
Sumbil Munib	DEVELOPMENT OF BACTROCERA CUCURBITAE (DIPTERA: TEPHRITIDEA) ON DIFFERENT SOIL TYPES AND MOISTURES CONTENT LEVEL	2020	Supervisor
Rabbia Mehmood	HOST PREFERENCE OF BACTROCERA ZONATA AND BACTROCERA CUCURBITAE (DIPTERA: TEPHRITIDAE) FOR DIFFERENT HORTICULTURAL CROPS	2020	Supervisor
Haidar Ali	HORMESIS EFFECTS IN BACTROCERA ZONATA (DIPTERA: TEPHRITIDEA) EXPOSED TO LETHAL AND SUBLETHAL DOSES OF SIX INSECTICIDES	2020	Supervisor
Muhammad Qasim	EFFICACY OF ELECTRIC AND PHEROMONAL TRAPS OF METHYL	2020	Supervisor

	EUGENOL AGAINST BACTROCERA ZONATA IN CITRUS ORCHARDS		
Ali Raza	ASSESSMENT OF TOXICITY OF NEW CHEMISTRY INSECTICIDES BASED ON REDUCTION OF FRUITFLY (DIPTERA; TEPHRITIDAE) UNDER LABORATORY CONDITIONS	2021	Supervisor
Muhammad Aqib Javed	ASSESSMENT OF REPELLENCY AND CONTACT TOXICITY OF DIFFERENT INSECTICIDES AGAINST FRUIT FLY, BACTROCERA ZONATA SAUNDERS (DIPTERA: TEPHRITIDAE)	2021	Supervisor
Muzammal Hussain	EFFICACY OF SOME CONTACT INSECTICIDES AGAINST BACTROCERA ZONATA (TEPHRITIDAE: DIPTERA) UNDER LABORATORY CONDITIONS	2021	Supervisor
Awais Lateef	EFFICACY OF SOME DETERRENT PLANT OILS AGAINST FRUIT FLY, BACTROCERA ZONATA (TEPHRITIDAE: DIPTERA) UNDER LABORATORY CONDITIONS	2021	Supervisor
Muhammad Faizan	EFFECTS OF ENTOMOPATHOGENS AGAINST PEACH FRUIT FLY, BACTROCERA ZONATA (TEPHRITIDAE: DIPTERA) UNDER LABORATORY CONDITIONS	2021	Supervisor
Muhammad Imran	EVALUATION OF NEEM, TOBACCO, TURMERIC AND LIMONENE EXTRACTS AGAINST FRUIT FLY (DIPTERA: TEPHRITIDAE) UNDER LABORATORY CONDITIONS	2021	Supervisor
Mamoon Shafiq	INVITRO EVALUATION OF COMMERCIAL INSECTICIDES FOR THEIR IMPACT ON BIOLOGICAL PARAMETERS OF MUSCA DOMESTICA (DIPTERA: MUSCIDAE)	2022	Supervisor
Muhammad Ameer Hamza	EFFICACY OF DIFFERENT LURES AGAINST BACTROCERA ZON 174 (TEPHRITIDAE: DIPTERA) IN FRUIT ORCHARDS, DISTRICT FAISALABAD	2022	Supervisor
Hafiz Muhammad Ayub	BIOLOGICAL MANAGEMENT OF ROOT KNOT NEMATODE (Meloidogyne incognita)	2022	Member

	IN TOMATO BY USING DIFFERENT STRAINS OF <i>Pseudomonas</i> SPP.		
Noshair Ijaz Cheema	ASSESSMENT OF YELLOW RUST OF WHEAT IN THREE DISTRICTS OF PUNJAB. PAKISTAN	2022	Member
Ayesha Zulfiqar	FAUNAL DIVERSITY AND ABUNDANCE OF BIRDS AT TEHSIL JARANWALA, DISTRICT FAISALABAD	2022	Member
Khawaja Nouman Pervaiz	IMPACT ASSESSMENT OF INTEGRATED MANIPULATION OF SILICON, SILICIC ACID, PYRIPROXYFEN ON THE YIELD PARAMETERS OF CANOLA CROP, INCIDENCE OF APHIDS AND THEIR NATURAL ENEMIES	2022	Member
Rao Muhammad Shahbaz Mahboob	ASSESSMENT OF YELLOW RUST OF WHEAT IN THREE DISTRICTS OF SOUTHERN PUNJAB, PAKISTAN	2022	Member
Tahreem Aimen	ASSESSMENT OF CHEMICALS AND PLANT ACTIVATORS FOR THE MANAGEMENT OF BACTERIAL LEAF STREAK OF WHEAT	2022	Member
Ahmad Saeed	ASSESSMENT OF DISEASE SEVERITY AND INCIDENCE OF YELLOW LEAF RUST IN DIFFERENT WHEAT GROWING AREAS OF REGION FAISALABAD, SCREENING OF RESISTANT GERMPLASM AND ITS MANAGEMENT	2022	Member
Rao Mudasser Iqbal	IDENTIFICATION OF FUNGAL PATHOGEN ASSOCIATED WITH GREY MOULD OF POMEGRANATE (<i>Punica granatum</i> L.) AND ITS MANAGEMENT	2022	Member
ZOHAIB SHOUKAT	MANAGEMENT OF CANOLA APHID (HEMIPTERA: APHIDIDAE) USING SILICON DIOXIDE (SiO₂) IN INTEGRATION WITH AUGMENTATION OF CHRYSOPERLA CARNEA UNDER FIELD CONDITIONS	2022	Member
Muhammad Shamekh Ali	TOXICOLOGICAL EVALUATION OF SILVER NANOPARTICLES AGAINST PHENACOCUS SOLENOPSIS AND BEMISIA TABACI ON DIFFERENT	2022	Member

	CULTIVARS OF COTTON		
By Rafakat Sajjad	DIVERSITY AND ABUNDANCE OF FOLIAGE INSECTS IN MIXED AGRICULTURAL CROPS OF DISTRICT NAROWAL	2022	Member
Altaf Hussain	EFFICACY OF MORINGA OLEIFERA IN COMPARISON WITH DELTAMETHRIN AND BIFENTHRIN AGAINST HOUSE CRICKET (ACHETA DOMESTICUS L.)	2022	Member
Muhammad Uzair	EFFICACY OF SELECTED SYNTHETIC INSECTICIDES AGAINST FALL ARMYWORM SPODOPTERA FRUGIPERDA (JE SMITH) (LEPIDOPTERA: NOCTUIDAE) UNDER LABORATORY CONDITION	2022	Supervisor
Ghulam Dastgir	INTEGRATED MANAGEMENT OF FRUIT FLY (DIPTERA; TEPHRITIDAE) UNDER FIELD CONDITIONS	2022	Supervisor
Hafiza Amna Iqbal	LABORATORY EVALUATION OF PHYSIOLOGICAL RESISTANCE TO SOME NEW CHEMISTRY INSECTICIDES IN HOUSE FLY, <i>Musca domestica</i> (DIPTERA: MUSCIDAE)	2023	Supervisor
Syeda Fasiha Zainab	EFFICACY OF BIO-PESTICIDES AS A DIAZINON ALTERNATIVE TO CONTROL ORIENTAL FRUIT FLY <i>Bactrocera dorsalis</i> (DIPTERA: TEPHRITIDAE) IN PAKISTAN	2023	Supervisor
Nimra Kanwal	APPLICATION OF THE NEONICOTINOIDS FOR THE CONTROL OF HOUSEFLY IN LABORTARY CONDITIONS	2023	Supervisor
Saba Riaz	EVALUATION OF LETHAL AND SUBLETHAL EFFECTS OF NEW WORLD PESTICIDES ON THE BIOLOGICAL CHARACTERISTICS OF HOUSE FLY, <i>Musca domestica</i> L. (DIPTERA: MUSCIDAE)	2023	Supervisor
Zarneela Khalid	STUDY OF FRUIT FLY (DIPTERA: TEPHRITIDAE) LIFE CYCLE ON DIFFERENT FRUIT AND VEGETABLE HOST PLANTS	2023	Supervisor
Hameed Ullah Baloch	Comparative impact of metals (Ca, Mg and K) on silk production, larval development and life	2023	Supervisor

	cycle of silkworm (<i>Bombyx mori</i>) under laboratory conditions		
Mehnaz Ashraf	COMPARATIVE EFFECT OF HEAVY METAL COPPER AND COBALT ON SILKWORM (<i>Bombyx mori</i>) REARED ON MULBERRY LEAVES UNDER LABORATORY CONDITIONS	2023	Supervisor
Waseem Shahzad	EFFICACY OF NEEM LEAVES EXTRACT MEDIATED ZnO NANOPARTICLES AGAINST TOMATO APHIDS UNDER FIELD CONDITIONS	2023	Supervisor
Muhammad Ibrahim	"Efficacy of zinc oxide nanoparticles synthesised using <i>Azadirachta indica</i> leaves extract against <i>Helicoverpa armigera</i> in tomato crop under semi field conditions."	2023	Supervisor
Rawabi Ejaz	EFFECT OF ZINC AND IRON ON VARIOUS BIOLOGICAL AND ECONOMICAL PARAMETERS OF SILKWORM (<i>Bombyx mori</i>) FED ON IN VITRO METAL ENRICHED MULBERRY LEAVES	2023	Supervisor
Shoaib Akhtar	"Efficacy of Biopesticides as An Alternative of Diazinon to Control <i>Bactrocera Cucurbitae</i> (Diptera: Tephritidae) In Pakistan"	2023	Supervisor

Techniques Developed

- Bait developed for the control of fruit fly.
- Pheromone trap developed for fruit fly monitoring.
- Light Equipped Power Insect Killer.
- Mechanical control trap for *Drosicha stebbingi* Green.

Practical Manual

- Laboratory manual of Natural History & behavior of insects

Popular Articles

- Integrated management of fruit flies in Pakistan (April-June 2007) SAIC Newsletter
- Saving mango from mealy bug. Daily Dawn 04-02-2008
- Management of Fruit Fly

Research and Development Grant Funding

Completed project(s)

1. Completed a research project entitled “Demonstration of Light Equipped Power Insect Killer (LEPIK technology) for Mechanical Insect Pest Control in Cropland” with a budget amount about 2.8 million rupees and funded by FDTTPC.
2. A project entitled “Demonstrations and training of integrated pest management techniques for the control of fruit flies at farm field level” is on-going being funded by FDTTPC.

Ongoing project

1. Identification and management of fruit flies (TEPHRITIDAE: DIPTERA) infesting citrus orchard in Punjab (NRPU-HEC)

Research Papers

(HEC approved/National)

- 1 **Khan, M.A.**, M. Ashfaq and A. Rashid, 1995. Effect of feeding Magnesium treated Peepal (*ficus religiosa* L.) leaves on the development of Silkworm (*bombyx mori* L.). J. Anim. Plant Sci. 5: 47-48. ISSN: 1018-7081 **(H.E.C. Approved)**
- 2 Jamil, S., A. Rashid and **M.A. Khan**, 1995. Effect of feeding Zinc treated Peepal (*ficus religiosa* L.) leaves on the development of Silkworm (*bombyx mori* L.). J. Ani Plant Sci., 5: 49-50. ISSN: 1018-7081 **(H.E.C Approved)**
- 3 Khadim, Z., W. Akram and **M.A. Khan**, 2001. Description of two new species of Genus *Thrips* (Terebrantia: Thysanoptera) from Pakistan. Pak. Entomol., 23:33-37. ISSN:1017-1827 **(H.E.C Approved)**
- 4 **Khan, M.A.**, M. Ashfaq, A. Khaliq and A. Ali, 2002. Effect of pheromone traps on the population capture of fruit fly species and their infestation in Mango Orchards at Multan. Pak. Entomol., 24:153-157. ISSN:1017-1827 **(H.E.C Approved)**
- 5 **Khan, M.A.**, M. Ashfaq and A. Khaliq, 2003. Role of abiotic factors in population and infestation fluctuation of fruit flies in Guava Orchards of Sheikhpura District. Pak. Entomol., 25:89-93. ISSN:1017-1827 **(H.E.C Approved)**

- 6 **Khan, M.A.**, M. Ashfaq and A. Khaliq, 2003. Population of fruit flies species trapped by methyl euginol and cue lure versus infestation in Guava Orchards. Pak. Entomol., 25:63-67. ISSN:1017-1827 **(H.E.C Approved)**
- 7 Khaliq, A., M. Ashfaq **M.A. Khan** and A. Ali, 2003. Varietal resistance in sugarcane against top borer, *Scirpophaga novella* F. infestation in Guava Orchards. Pak. Entomol. 25:41-44. ISSN:1017-1827 **(H.E.C Approved)**
- 8 **Khan, M.A.**, M. Ashfaq, A. Khaliq and A. Ali, 2003. Population of fruit flies species trapped by methyl euginol and cue lure versus infestation in Apple Orchards of Murree Hills. Pak. Entomol., 25:191-194. ISSN:1017-1827 **(H.E.C Approved)**
- 9 Ashfaq, M., A. Khaliq, **M.A. Khan** and A. Ali, 2003. Chemical plant factors affecting resistance in sugarcane against *Scirpophaga novella* F. J. Sci.Tech. Uni. Pesh.27:67-71 **(H.E.C Approved)**
- 10 **Khan, M.A.**, M.Ashfaq and A. Khaliq, 2003. Role of abiotic factors in population and infestation fluctuation of fruit flies in Apple Orchards of Murree District. J. Agric. Res. 41:249-253. **(H.E.C Approved)**
- 11 **Khan, M.A.**, M. Ashfaq, A. Khaliq and A. Ali, 2003. Role of abiotic factors in population and infestation fluctuation of fruit flies in Mango Orchards of Multan District. J. Agri. Res. 41:241-248. **(H.E.C Approved)**
- 12 Khaliq, A., M. Ashfaq, A. Ali and **M.A. Khan**, 2003. Morpho-physical factors affecting resistance against top borer *scirpophaga nivellaf* in sugarcane. J. Agric. Res.41:85-90. **(H.E.C Approved)**
- 13 **Khan, M.A.**, M. Ashfaq and A. Ali, 2003. Fruit flies population and their infestation in Ber Orchards. J. Agric. Res.41:261-266. **(H.E.C Approved)**
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Conference/ Workshop/ Courses Attended Certificate

- Basic Computer Skill Developing Program held at University of Agriculture, Faisalabad on 12-25 June 2003.
- Research Orientation Program on research methodology & Analytical techniques held at University of Agriculture, Faisalabad on 15-30 June, 2004.
- Attend 4th International congress of Entomological Sciences held at University of Agriculture, Faisalabad on 23-23September, 2004.
- Staff development course under the scheme National Academy of Higher Education Commission Islamabad held at University of Agriculture, Faisalabad on 11 July to 06 August, 2005.
- Workshop on “Entrepreneurship: an Emerging Discipline” under National Academy of Higher Education Commission Islamabad held at University of Agriculture, Faisalabad on 21 April 2007.
- Workshop on “Integrated Management of Wheat with Special reference to Post harvest” under National Academy of Higher Education Commission Islamabad held at University of Agriculture, Faisalabad on 26 March- 07 April 2007.
- Participated in National conference on “Agriculture challenges, opportunities and option under free trade regime” held at University of Agriculture, Faisalabad on 28-29, May, 2008.
- Integrated management of armyworm with special reference to its biological control with *Bracon hebetor* and *Chrysoperla carnia*, held on April 27-29, 2010.
- Training workshop on “Sustainable Management of Insect Pests of fruits with special reference to citrus through modern protection and postharvest losses reduction techniques” held at University of Agriculture, Faisalabad on 01-04 September, 2010.
- International training workshop on” Recent advances in aetiology and management of mango sudden death syndrome” held at University of Agriculture, Faisalabad on 27-31 October, 2010.
- Certificate of participated in “University festival” held at University of Agriculture, Faisalabad on 22-26 March, 2010.

- Completion of nine month Post-Doctoral training held at imperial college London, UK. From 16 December 2010-16 august 2011.
- Attend a course “Generalised linear modeling” held at Imperial College London, Department of Biological Sciences, Silwood Park UK on 2011.
- Attend a course “Communication and Presentation Skill Workshop” held at Imperial College London, Department of Biological Sciences, Silwood Park UK on 2011.
- As a resource person in the training workshop “One-day training workshop on rearing & bioassay techniques for armyworm”
- Workshop on “Statistical methods for forestry research by using SPSS” held at University of Agriculture, Faisalabad on February 24-29, 2012.
- Appreciation letter “Post graduate entomological research conference” held at University of Agriculture, Faisalabad on June 24-29, 2012.
- Five-day International Training workshop on “Species distribution modeling techniques” held at University of Agriculture, Faisalabad on April 10-14, 2012.
- Letter of appreciation on “Kisan Mela” during 2013 at university of Agriculture Faisalabad.
- Training Work shop on “Project formulation workshop” organized by Pakistan Science Foundation, held at University of Agriculture, Faisalabad, on 3-4 December, 2013.
- Certificate awarded on “Midterm workshop and international seminar on climate change adaptation strategies to ensure food security” held at University of Agriculture, Faisalabad, on January, 16-17, 2014.
- Participated in “International workshop on dengue control” organized by SUMITOMO CHEMICAL (Asia Pacific) Pte. Ltd. Singapore, at Lahore Pakistan, held on 25th August 2015.
- Successful Participation in five days training workshop “Training of entrepreneur’s workshop, Start Your Business (SYB). Start Your Business”, held at ORIC , University of Agriculture Faisalabad, on October 5-9, 2015
- Participated in “International workshop on renewable energy technologies for community development” organized by University of Agriculture Faisalabad and University of Kassel, Germany, Dated 04-06 November 2015.
- International Workshop on Current Status Of Fertilizer Use in Pakistan, organized by Institute of Soil & Environmental Sciences, UAF Dated November 29-December 1, 2015
- Participated in “One day workshop on vegetable seed production” organized by Institute of Horticultural Sciences, University of Agriculture Faisalabad held on December 11, 2015.
- Participated in “Training workshop on academic skill” University of Agriculture Faisalabad held on 15 December, 2015

- Participated in training workshop SPS compliance through the fresh produce supply Chain “Phytosanitary Risk Management Program in Pakistan CAB International, Central and West Asia” organized by USAID, USDA and CABI at University of Agriculture Faisalabad, held on 3rd and 4th August 2016.
- Successful Participation in “National One Day Symposium on One-Health”, organized by USAID, on 8th August 2016.
- Participated in workshop “One Day workshop on Strategic Use of Digital Technology in University Instruction” organized by USAID, on 17th October 2016.
- Successful Participation in five days training workshop “Training Workshop on Prevention, Surveillance and Control of Aedes Mosquito Vectors in the Context of Emerging Zika and Other Aedes-Borne Diseases, Lahore, And University of Agriculture, Faisalabad Pakistan, From 17 to 21 October 2016.
- Participating in “International workshop on sustainable energy solutions for community development in Pakistan”. Organized by University of Agriculture, Faisalabad-Pakistan and University of Kassel-Germany, on November 08-09, 2016.
- Participation in “National conference on sustainable management & control of fruit fly infestation”. Organized by Climate change chair, USPCAS on November 23-24, 2016.
- Certificate of Appreciation in “International Entomological Congress (One Exclusive day on Current Scenario and Management of Pink Bollworm) December 16-18, 2016.
- Certificate of Participation in “International Entomological Congress (One Exclusive day on Current Scenario and Management of Pink Bollworm) December 16-18, 2016.
- Letter of appreciation from Chairman Entomology “Successful execution of survey of cotton districts related to determining the cause of decline during year 2015”
- Successful completion of training workshop on “PhD students’ supervision” “Capacity building of faculty & staff of HEIs” held on March 24, 2017.
- Certificate of Participation in “Seminar on food security policy research priorities” held on University of Agriculture Faisalabad held on 6 January, 2017
- Self-Sustaining Rural Enterprises. Thursday June 21-2018 at DLC-II UAF.
- Participating in the 2-day Training of Presiding Officers and Sr. Assistant Presiding Officers-GE 12-07-2018.
- Certificate of participation in the conference “Rural entrepreneurship in Pakistan” held in University of Agriculture Faisalabad, January 18, 2018.
- Certificate of participation in the conference “Self sustaining rural enterprise” held in University of Agriculture Faisalabad, January 18, 2018.
- International Entomological congress on “Convesring emerging Entomological Challenges and their solutions” April 8-10, 2019.
- International Conference on “ Green Energy Technologies: Opportunities and Challenges (GET)” October 29-30,2019.

- International Horticulture Conference- 2022 Organized by: Department of Horticulture, Faculty of Agriculture, Gomal University, Dera Ismail Khan, Khyber Pakhtunkhwa, Pakistan.
- First International Conference on “Climate Resilient Agriculture for Sustainable Development & Food Security” (September 5-7, 2022).
- 3rd International Conference on Smart Plant Protection (January 03-04, 2023).
- 4th BRI Sino-Pakistan Agriculture FORUM Sustainable Agriculture for Economic Prosperity & Food Security (November 9-10, 2023).
- International Conference on Sustainable Food Security Solutions (May 29-31, 2023).
- Workshop on "International Best Practices for IPM and Locust Control" in collaboration with CAB International on 27th February, 2023
- Seminar titled "Capacity Building of National Scientists and relevant stakeholders on MRLs & Biopesticides at UAF in collaboration with CABI-Pakistan during 13th to 17th February, 2023.
- SUSTAINABLE FOOD SECURITY SOLUTIONS (MAY 29-31, 2023) Jointly Organized by Department of Agronomy, IAEE&RD, University of Agriculture, Faisalabad, Pakistan, University of Karachi, Pakistan & South China Agricultural University (SCAU), Guangzhou, China.
- 33rd ALL PAKISTAN FOOD CONFERENCE & AGM On Sustainable Approaches in Food & Nutrition Sector to Foster Pakistan's Economic Growth (December 28, 2023).

Abstract published for conferences/meeting

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2. **Khan, M. A.**, M.D. Gogi, M.H. Bashir, M.I. Bhatti and A. Ali. Impact of varieties and wither factors infestation of maize stem borer. 32nd Pakistan Zoological Society. 6-8 March, 2012. 169p
3. **Khan, M. A.**, M.A. Khan, M.H. Bashir, M.D. Gogi and M.A. Rashid. Efficacy of light equipped powered sucker and insect killer in cotton against spotted bollworm and armyworm. 32nd Pakistan Zoological Society. 6-8 March, 2012. p169-170
4. Gogi, M.D., M.J. Arif, M.H. Bahsir, **M.A. Khan** and M. Arshad. Evaluation of different IPM-models for their performance in bitter-gourd (*Momordica charantia*) against melon fruit fly (*Bactocera cucurbitae coquillett*) pest. 32nd Pakistan Zoological Society. 6-8 March, 2012. 144-15p

5. Gogi, M.D., M.H. Bashir, **M.A. Khan** and M. Arshad. Evaluation of some botanical extracts for their deterrence towards melon fruit fly under laboratory and field condition. 32nd Pakistan Zoological Society. 6-8 March, 2012.p145-146.
6. Bashir, M.H., **M.A. Khan**, M.D. Gogi, M. Arshad and N. Ilyas. Biological activity of methonolic extracts of some locally available plants against stored grain mite *Rhizoglyphus tritici*. 32nd Pakistan Zoological Society. 6-8 March,2012.p 147-148.
7. Amjad, M., M.H. Bashir, M. Afzal, M.D. Gogi, **M.A. Khan** and B.S. Khan. Evaluation of some acaricides against two spotted spider mite, *Tetranychus uticae* under laboratory and field conditions on cotton. 32nd Pakistan Zoological Society6-8 March,2012.p.149-150.
8. Gogi, M.D., M.J Arif, M. Arshad, **M.A. Khan**, A. Nawaz, M. Sufyan, and F. Mustafa. Impact of integration of reduced-risk insecticides and colord reflection sheets on the incidence of melon fruitfly and yield of Bitter gourd. 5th international conterance on “Agriculture food security and climate chang” 9-11September 2014, p176.
9. Bashir, M.H., Z.A. Qadir, S.F. Honey, **M.A. Khan** and M. Afzal. Comperative efficacy of different aques plant extrets against *Rhizoglyphus tritici* (Astigmata: Acaridae) . 5th international conterance on “ Agriculture food security and climate chang” 9-11September 2014, p188.
10. **Khan, M.A.** G. Abbas, M. H. Bashir and M. Sufian. Role of morphological and biochemical charcters of okra imparting resistance against jassid and aphid. 5th International/10th National Conference of Pakistan Phytopahological Society “Crop Protection for Sustainable Agriculture”. November 23-25, 2015, Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan. pp.179.
11. Bahir, M. H., A. Zeeshan, **M.A. Khan** and S. Iqbal. Impact of single application of buprofzin on the subsequent generation of *Neoseiulus barkeri* under laboratory conditions. 5th International/10th National Conference of Pakistan Phytopahological Society “Crop Protection for Sustainable Agriculture”. November 23-25, 2015, Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan. pp.181.
12. Bashir, M.H., S. Iqbal, **M.A. Khan** and A. Zeeshan. Impact of different diets on the biological aspects of *Rizoglyphus tritici* under laboratory conditions. 5th International/10th National Conference of Pakistan Phytopahological Society “Crop Protection for Sustainable Agriculture”. November 23-25, 2015, Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan. pp.182.
13. Rashid, M.A., **M. A. Khan**, M. Zubair and M.D. Gogi. Effect of biochemical plant characteristics of BT-cotton in population dynamics of cotton jassid. 5th International/10th National Conference of Pakistan Phytopahological Society “Crop Protection for Sustainable Agriculture”. November 23-25, 2015, Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan. pp.186.
14. **Khan, M.A.**, M.Y. Khan, M.M. Khan and M. Arshad. Morphological and biochemical characters of brinjal imparting resistance against whitefly. 5th International/10th

- National Conference of Pakistan Phytopathological Society “Crop Protection for Sustainable Agriculture”. November 23-25, 2015, Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan. pp.192.
15. Rashid, M.A., **M.A. Khan**, F. Karim and M.H. Bashir. Integrated fruit fly management in citrus orchards at Faisalabad district. 5th International/10th National Conference of Pakistan Phytopathological Society “Crop Protection for Sustainable Agriculture”. November 23-25, 2015, Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan. pp.195.
 16. Abbas, M.N., A.S. Khan, R. Anwar, A.U. Malik and **M.A. Khan**. Pre and postharvest management of mango fruit fly: An overview. 2nd international conference on Horticultural sciences, February 18-20, 2016, pp.142-43.
 17. Arif, S., G. Yasin, M.F. Nawaz, I. Ahmad, M. Asif and **M.A. Khan**. Assessment of actual carbon stocks and potentials of carbon sequestration in farm trees in District Chiniot. International conference on forestry and environment: Challenges and Prospects. November 21-22, 2016. Pp. 43.
 18. Ehsan, G.M., M.A. Tanvir, M.F. Nawaz, M.T. Siqueiri, Z. Hussain and **M.A. Khan**. Performance of jaman (*Syzygium cumini*) seedlings as influenced by Cadmium loaded irrigation. International conference on forestry and environment: Challenges and Prospects. November 21-22, 2016. Pp. 13.
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 20. **M.A. Khan**, M.D. Gogi, M.H. Bashir, M. Ashfaq and M. Zeeshan. Impact of lure-source, trap-color and trap-height on the monitoring of fruit fly in citrus. National conference on sustainable management and control of fruit fly infestation. November 23-24, 2016. Pp. 24.
 21. **M.A. Khan**, M. Ashfaq, M.H. Bashir and M.D. Gogi. Integrated Pest Management Techniques for the Control of Fruit Flies at Guava Orchard. National conference on sustainable management and control of fruit fly infestation. November 23-24, 2016. Pp. 28.
 22. Iqbal, M., M.D. Gogi, M.J. Arif, **M.A. Khan**, M.J. Nisar and M. Ashfaq. Attractiveness of food baits to the melon fruit fly, *Bactrocera cucurbitae* (Coquillett) (Diptera: Tephritidae). National conference on sustainable management and control of fruit fly infestation. November 23-24, 2016. Pp. 29.
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- sustainable management and control of fruit fly infestation. November 23-24, 2016. Pp. 33.
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 26. Iqbal, M., M.D. Gogi, M.J. Arif, **M.A. Khan**, M.J. Nisar, M.A. Farooq, M. Ashfaq and M.I. Shahid. Tritrophic interaction among alternate hosts, cotton mealybug, *phenacoccus solenopsis* (Hemiptera: Psedococcidae) involving *Coccinella septemuncata* (Coleoptera: Coccinellidae). International Entomological Congress (One Exclusive day on Current Scenario and Management of Pink Bollworm) December 16-18, 2016. Pp. 47.
 27. **M.A. Khan**, M.Z. Mustafa, M.D. Gogi and T. Ahmad. Efficacy of different natural and synthetic chemicals for the control of *Drosicha manngiferae* G. (Margarodidae: Hemiptera). 39th Pakistan congress of zoology (International). March 4-6, 2019, Department of zoology, Islamia college University Peshawar. pp 175.
 28. Usman, M., **M.A. Khan**, A. Nawaz and T. Ahmad. Management of jassid (*Amrasca biguttula biguttula*) and whitefly (*Bemisia tabaci*) on brinjal crop by using different insecticides. 39th Pakistan congress of zoology (International). March 4-6, 2019, Department of zoology, Islamia college University Peshawar. pp 175.
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 30. Aslam, F., **M.A. Khan**, K. Shahzadi and T. Ahmad. Host preference of *Bactrocera cucurbitae* on different vegetable plants. 39th Pakistan congress of zoology (International). March 4-6, 2019, Department of zoology, Islamia college University Peshawar. pp 219.
 31. Akram, S., **M.A. Khan**, S. Idress, T. Ahmad and M. Ashfaq. Evaluation of toxicity of acetylcholinesterase (Ache) inhibitor insecticides against *Bactrocera cucurbitae* (Diptera; Tephritidae) under laboratory condition. International entomological congress, April 8-10, 2019. pp 34.
 32. Farwa Aslam, **M. Ahsan Khan**, M. Dildar Gogi, M. Ashfaq, Mubashar Iqbal, Asim Abassi, Saima Batool. Host preference of *Bactrocera zonata* (Diptera: Tephritidae) on different fruits under laboratory conditions. April 8-10, 2019. Pp 35
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34. Kiran Shahzadi, **M. Ahsan khan**, M.Ashfaq, Iqra Aslam, Farwa Aslam, Saima Batool, Noshen Tariq. Host preference of *Bactrocera zonata* (Diptera: Tephritidae) on different vegetables plants. April 8-10, 2019. Pp 36
 35. Ateeqa gulzar, **M. Ahsan khan**, M.Dildar gogi, M. Ashfaq, Mubashar Iqbal, Asim Abassi, Amina akbar kalyar. Evaluation of insecticides against thrips (Thysonaptera: Thripidae) on the cotton crop. April 8-10, 2019. Pp 69
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 38. Saba akram, **M. Ahsan khan**, Sara idrees, M. Bilal, M. Dildar gogi, Taskeen Ahmad, Nida akram and M. Ashfaq. Field evaluation of different seed dressing techniques of metarhizim anisopliae and its laboratory bioassay against insect pests of pea June 19-21, 2019 pp 138
 39. Efficacy of new chemistry insecticides against *Bactrocera zonata* (diptera: tephritidea) and their behavior in citrus fruits. Zool. Conference 2020
 40. Efficiency of pheromonal and electric traps against *Bactocera zonata* (tephritidae: diptera) in mango orchards at district Khanewal. Zool. Conference 2020
 41. Batool, S., M. A. Khan, M. D. Gogi, M. Ashfaq, M. Iqbal, A. Abbasi, M. I. Shahid, A. Ammar, F. A. Bajwa and M. Umair.2020. Efficacy of New Chemistry Insecticides against *Bactrocer zonata* (Diptera: Tephritidea) and their behavior in citrus Fruits. Pak. j. Zool. Sci.
 42. Umair. M., M. A. Khan, M. Sufyan, M. Ashfaq, A. Abbasi, M. Iqbal, M. I. Shahid, M. Fahad, M. Wasif, A. Ammar and M. Umar. Efficacy of Pheromonal and Electric Traps Against *Bactrocera Zonata*(TEPHRITIDAE:DIPTERA) In Mango Orchards At District Khanewal. Pak. j. Zool. Sci.

Other scholarly activities

I am reviewer of following well reputed journals

- Pakistan Entomologist
- International Journal of Agricultural Sciences

- Journal of Botany
- Journal of Zoology

Lectures delivered though video conferencing

- Delivered a lecture through Video conference on “Integrated pest management of Fruit fly (Tephritidae, Diptera) in Punjab, Pakistan held on 21-10-2011”
- Participated as resource person in “integrated management of armyworm with special reference to its biological control with *Bracon hebetor* and *Chrysoperla carnea*” Held on 27-29 April, 2010
- Training workshop entitled “Sericulture in Pakistan” held on 21-10-2011.
- One day training workshop on rearing and bioassay techniques for armyworm held on 24-02-2012.

Advisory, administrative, community services and co-curricular activities.

1. Store In charge of the Entomology Department.
2. In charge Postgraduate laboratory.
3. Tutor AGR 145 (2009-10)
4. Tutor AGR 145 (2010-11)
5. Tutor Tip 2 (2011-12) till to date.
6. Vice President Rifle Shooting.
7. Life member Pakistan Entomological Society
8. Conduct two short courses as a trainer (2009-10)
 1. Apiculture.
 2. Sericulture.
10. Conduct two short courses as a trainer (2010-11)
 1. Apiculture.
 2. Sericulture.
11. Conduct two short courses as a trainer (2011-12)
 3. Apiculture.
 4. Sericulture.
12. HEC approved supervisor.
13. Member faculty invigilation committee (2009- to date).
14. Member university invigilation committee
15. Member of BOG-DPS&C at Divisional Public School and College.