

CURRICULUM VITAE



DR. AMJAD USMAN
Associate Professor
Department of Entomology
Faculty of Crop Protection Sciences
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ACADEMIC RECORD

PhD. Entomology (2012)

Department of Entomology, The University of Agriculture Peshawar Pakistan

Worked on Integrated Management of Tomato fruit worm *Helicoverpa armigera* Hub (Noctuidae: Lepidoptera) Infesting tomato under Agroclimatic conditions of Peshawar, Khyber Pakthunkhwa. *Supervisor: Prof. Dr. Imtiaz Ali Khan.*

Master of Science (Hons.) Entomology (2005)

Department of Entomology, The University of Agriculture Peshawar Pakistan.

Worked on Effect of different artificial diets on *Chrysoperla carnea* (Chrysopidae ; Neuroptera) a Biocontrol agent *Supervisor: Prof. Dr. Muhammad Naeem.*

Bachelor of Science (Hons.) Entomology (2003)

Department of Entomology, The University of Agriculture Peshawar Pakistan. Conducted researches on IPM of stored grain insect pest. *Advisor: Prof. Dr. Muhammad Naeem.*

Higher Secondary School Certificate (1998)

Higher Secondary School Certificate from Board of Intermediate and Secondary Education, Peshawar, Pakistan. (Pre-Medical Group, 1st division).

Secondary School Certificate (1996)

Secondary School Certificate from Board of Intermediate and Secondary Education, Peshawar, Pakistan. (Science Group, 1st division).

EMPLOYMENT RECORD

Designation	Institution	Period	
		From	To
Associate Professor (BPS-20)	Department of Entomology The University of Agriculture Peshawar	4 th March 2022	Till date
Assistant Professor (BPS-19)		13 th May 2014	3 rd march 2022
Lecturer (BPS-18 regular)		15 th Aug. 2007	12 th May 2014
Lecturer (BPS-18 regular)		28 th Feb. 2007	14 th Aug. 2007
Research Associate (Higher Education Commission Funded Project)		5 th Jan. 2006	27 th Feb. 2007

DISTINCTION

- First division throughout academic carrier.
- Awarded Merit Scholarship throughout B.Sc. (Hons) Degree and M.Sc. (Hons.) Degree
- Awarded HEC Indigenous Ph.D Scholarship for PhD Studies.

RESEARCH PROJECT

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- PSF/NSLP/KP-UAP(709) Titled “**Optimization of Environmental and Nutritional Standards for Mass Production of Mealworm Meal Under Tropical Environment of Pakistan**” with Total Budget of Rs. 6.18 million for period of 3 years (In Progress).

PUBLICATIONS

1. Haq, M.U., A. Sattar, Z. Salihah, A.Farid, **A.Usman** and S.U.K. Khattak. 2006. Effect of different artificial diets on biology of adult green lace wing (*Chrysoperla carnea* Stephs). Songklanakarin. J. Sci.Technol. Thailand. 28(1): 1-8.
2. **Usman, A.**, M. Naeem, Z. Salihah, M.U. Haq and M.Q.Saeed. 2006. Effect of different adult diets on *Chrysoperla carnea* Steph. (Chrysopidae, Neuroptera) - A biological control agent. Sarhad. J. Agric.22 (1): 121-124.
3. Yasir, S. Sattar, M.Q. Saeed, A.U. Rehman and **A. Usman**. 2006. Chemical control of *Thrips tabaci* Lind. (Thysanoptera:Thripidae) on garlic in Peshawar. Sarhad. J. Agric. 22(3): 481-483.
4. Ahmed, M., S.S.Alam, **A. Usman**, A.U.Rahman and D.L. Coplin.2006. Host range study and production of Harpin_{es} by *Pantoea Stewartii* subsp *Indologenes*, A bacterium closely related to Corn pathogen, *Erwinia StewartII*. Indus J. Biol. Sci. 3 (2): 762-767.
5. Ahmed, M., S.S.Alam, **A. Usman**, D.R. Majerczak and D.L. Coplin.2006. Exploring the functions of genes co-regulated with *HrpN* gene of the corn Pathogen *Erwinia (Pantoea)Stewartii*. Indus J. Biol. Sci.3 (2): 728-733.
6. Ahmed, M., S.S. Alam. S.Alam, **A. Usman** and D.L. Coplin. 2007. Export of theHR Eliciting Protein, Harpin_{ES} of the Maize pathogen *Erwinia Stewartii* in Specific- Specific but is dependent of the growth temperature. Pak. J. Biol. Sci. 10(1):117-121.
7. Syed, I.A.S., I.Ali, Z.Hussain, M.Shah, and **A.Usman**.2007. Studying the performance of Silkworm *Bombyx mori* L. Races fed with different mulberry varieties. Sarhad. J. Agric. 23(4):1079-1083.

8. Alam, S.S., M.Ahmad, S.Alam, **A. Usman**, M.I.Ahmad and Naveedullah. 2007. Variation in garlic varieties for reaction to natural infection of *Puccinia porri* Wint and *Alternaria porri* Clif at Swabi NWFP. Sarhad J. Agric. 23 (1):149-152.
9. Ahmed, N. and **A. Usman**. 2010. Comparative efficacy of some new insecticide against Amaltas leaf sticher *Piesmopoda obliquifasciella* Hamps attacking Kachnar (*Bauhinia variegata* Linn.). Pak. J. Forestry. 60(1): 28-31.
10. **Usman, A.** and I.A. Khan. 2012. Ovipositional response of tomato fruit worm (*Helicoverpa armigera*) (Hubner) to different tomato genotypes under agro-ecological conditions of Khyber Pakhtunkhwa - Pakistan. Sarhad J. Agric. 28(2):277-281.
11. Usman, M., M. Inayatullah, **A. Usman**, K. Sohail and S.F. Shah. 2012. Effect of egg parasitoid, *Trichogramma chilonis*, in combination with *Chrysoperla carnea* and neem seed extract against tomato fruitworm, *Helicoverpa armigera*. Sarhad J. Agric. 28(2):253-257.
12. **Usman, A.**, M. Inayatullah, K. Sohail, S.F. Shah, M. Usman, K. Khan and M.A. Mashwani. 2012. Comparing the efficacy of *Chrysoperla Carnea* (Stephen), neem seed extract and chemical pesticide against tomato fruit worm (*Helicoverpa armigera* Hubner). Sarhad J. Agric. 28(4): 611-615.
13. **Usman, A.** I.A. Khan, M. Inayatullah, A.U.R. Saljoqi and M. Shah. 2013. Appraisal of different tomato genotypes against tomato fruit worm (*Helicoverpa armigera* Hub.) infestation. Pak. J. Zool. 45(1):113-119.
14. Sohail, K., S. Jan, **A. Usman**, S. F. Shah, M. Usman, M. Shah and A. Mehmood. 2015. Evaluation of some botanical and chemical insecticides against the insect pest of okra. J. Entomol. Zool. Studies. 3(2):20-24.
15. Khan, L., M. Shah and **A. Usman**. 2015. Host Preference of Red Pumpkin Beetle (*Aulacophora faveicollis*) Lucas (Chrysomelidae: Coleoptera) among different Cucurbits. J. Entomol. Zool. Studies. 3(2):100-104.
16. **Usman, A.**, I.A.Khan, M.Shah. K. Shohail and F. Siad. 2015. Influence of various biochemical factors on the occurrence of *Helicoverpa armigera* (Hubner) in tomato. J. Entomol. Zool. Studies. 3(3):63-68.
17. Said, F., M. Inayatullah, S. Ahmad, T. Iqbal, R. A. Shah, **A. Usman**, M. Zaman and S. U. Haq. 2015. Foraging behavior of the Himalayan Honeybee, *Apis cerana* (Hymenoptera: Apidae) associated with sunflower (*Helianthus annuus* L.) at Peshawar District of Khyber Pakhtunkhwa. J. Entomol. Zool. Studies. 3(3): 203-207.
18. **Usman, A.**, I.A. Khan and M. Shah. 2015. Evaluation of some selected IPM modules for the management of Tomato fruit worm (*Helicoverpa armigera*) Hub. J. Entomol. Zool. Studies. 3(4): 379-382.

19. Imran, A, A. Khan, Inamullah, H. Zada, F. Ahmad, S. T. Shah, **A. Usman** and Irfanullah. 2015. Yield and yield attributes of rapeseed cultivars as influence by sulfur level under Swat valley conditions. *Pure and Appl. Biol.* 4 (3): 296-301.
20. Shah, I. M. Shah, A. Khan, **A. Usman**. 2015. Response of insect pollinators to different cucumber, *Cucumis sativus* L. (Cucurbitales: Cucurbitaceae) varieties and their impact on yield. *J. Entomol. Zool. Studies.* 3(5): 374-378.
21. Iqbal, B., M. T. Jan, Inamullah, Imran, A. A. Khan, Z. Muhammad, S. Anwar, S. Khan, S. Baqa and **A. Usman**. 2015. Integrated management of compost type and fertilizer-N in Maize. *Pure and A.ppl. Biol.* 4 (4): 453-457.
22. Baqa, S., A. Z. Khan, Inamullah, Imran, A. A. Khan, S. Anwar, B. Iqbal, S. Khan and **A. Usman**. 2015. Influence of farm yard manure and phosphorus application on yield and yield components of Wheat. *Pure and Appl. Biol.* 4(4): 458-464.
23. Khan, M. N., J. Iqbal, **A. Usman**, N. H. Khan and M. Salman. 2015. Screening of different *Nicotiana tabacum* cultivars and efficacy of bifenthrin against major insect pests of FCV tobacco. *Glob. Innov. Agric. Soc. Sci.*, 3(4): 130-135.
24. Fatima, M. Shah, **A. Usman**, K. Sohail, M. Afzaal, B. Shah, M. Adnan, N. Ahmed, K. Junaid, S. R. A. Shah, I. U. Rahman . 2016. Rearing and identification of *Callosobruchus maculatus* (Bruchidae: Coleoptera) in Chickpea. *J. Entomol. Zool. Studies.* 4(2): 264-266.
25. Shah. M. S., G. Z. Khan, **A. Usman**, M. Shah. 2016. Exploiting nutrition for sex separation in *Culex quinquefasciatus* (Say) species of mosquitoes. *J. Entomol. Zool. Studies.* 4(2): 267-272.
26. Iqbal, A., **A. Usman**, M. Shah and S. Sartaj Alam. 2017. Assessment of indigenous plant extracts in combination with synthetic insecticide and wood ash for the management of red pumpkin Beetle *Aulacophora foveicollis* (Lucas) (Chrysomelidae: Coleoptera) on snake melon (*Cucumis melo* var. Long melon). *Pak. J. Weed Sci. Res.* 23(4): 379-386.
27. Iqbal, T., S. Ahmad, M. Shah, **A. Usman**, K. Sohail and K. Shahjeer. 2018. Illustrated Key to the Genera of Family Chalcididae (Hymenoptera: Chalcidoidea) from Various Ecological Zones of Khyber Pakhtunkhwa, Pakistan. *Int. J. Agric. Biol.*, 20 (5): 1049–1054.
28. **Usman, A.**, M. I. Ali, M. Shah, F. Amin and J. Sarwar. 2018. Comparative efficacy of indigenous plant extracts and a synthetic insecticide for the management of tomato fruit borer (*Helicoverpa armigera* Hub.) and their effect on natural enemies in tomato crop. *Pure Appl. Biol.*, 7(3):1014-1020.
29. Haq, I., S. Sattar, B. Ahmed, Q. Zeb and **A. Usman**. 2018. Compatibility of Chemical and Biological Control for the Management of Maize Stem Borer, *Chilo Partellus*, (Swinhoe) (Lepidoptera;Pyralidae). *Sarhad J. Agric.* 34(4): 896-903.

30. Yousaf , M., M. Shah, **A. Usman**, J. Sarwar, J. Iqbal and R. A. Shah. 2019. Management of chilli thrips *Cirtothrips dorsalis* (Hood) (Thysanoptera: Thripidae) in chilli crop. Pure Appl. Biol. 8(1):271-277.
31. Rasheed, I., S. F. Shah, J. Sarwar, **A. Usman**, M. Shah, M. Usman, F. Amin and N. Nisar. 2019. Screening of different insecticides against *Helicoverpa armigera* (Hubner) (Lepidoptera: Noctuidae) and its effect on yield of tomato crop. Pure Appl. Biol. 8(1): 496-502.
32. Amin, F., S.F. Shah, **A. Usman**, M. Shah, M. A. Khan, J. Sarwar, K. Sohail and M. Usman. 2019. Study on food consumption by blow fly maggots and their percent adult emergence under laboratory conditions. Pure Appl. Biol. 8(1): 790-794.
33. **Usman, A.**, A. Khan, R.A. Shah and T. Iqbal. 2020. Appraisal of Different Tomato Genotypes against *Scirtothrips dorsalis* (Thysanoptera:Thripidae) Infestation with Reference to Morphological Plant Characters. Sarhad J. Agric., 36(2): 375-382.
34. Khan, I., **A. Usman** and R. Khan. 2020. The mortality rate of pupae and adult of fruit fly *Bactrocera cucurbitae* Coquillett (Diptera:Tephritidae) affected by different submerging time and soil types under the laboratory treatment. Sarhad J. Agric., 36(3): 815-822.
35. Sarwar, J., I. A. Khan, F. Amin, H. M. F. Ayub and **A. Usman**. 2020. Response of *Sitotroga cerealella* (Olivier) and *Trichogramma chilonis* (Ishii) towards chilling temperature. Pure Appl. Biol., 9(2): 1504-1509.
36. Bhatti, R.A., A. Zia. F. Naz, **A. Usman**, R. Saleem, G. Sarwar and A.U. Din. 2021. Three new records of Genus *Ptochus* Schoenheer, 1826 (Coleoptera: Curculionidae: Entiminae) from Pakistan. Sarhad J. Agric. 37(1): 325-330.
37. Khan, S., **A. Usman**, N. Ahmad, P. Ali, A. A. Shah and I. Abbas. 2021. State of the Art on Production, Processing and Uses of Meal Worm *Tenebrio Molitor* (Tenebrionidae: Coleoptera). Int. J. Agric. and Biol. Sci. 184-210.
38. Sana, K., T. Iqbal, **A. Usman**, Karishma, F. Said, I. U. Khan, K. Shahjeer and G. Z. Khan. 2021. Comparative efficacy of Botanical and a synthetic insecticide against sucking insect pest of Brinjal. Annals of R.S.C.B. 25(6):19381-19389.
39. Gul , H. **A. Usman**, Karishma and S. Zubair. 2021. Insecticidal Evaluation of Aqueous Extract of indigenous plants in comparison with synthetic insecticide for the management of thrips *Scirtothrips .orsalis* (Thysnaoptera; Thripidae) In Tomato Crop. Pak. J. Weed Sci. Res., 27 (3):431-441.
40. Zaman, M., I.A. Khan, **A. Usman** and A.U.R. Saljoqi. 2022. Species Diversity and damage incidence of Termites (Isoptera) in different agro-ecological zones of Khyber Pakhtunkhwa, Pakistan. Sarhad J. Agric., 38(2): 518-524.

MEMBERSHIP

- International Society of Zoological Sciences, China

ADDITIONAL DUTIES / ADMINISRTATIVE EXPERIENCE

S.No.	Title	Dates	Duration
1.	Associate Editor Sarhad Journal of Agriculture	January 2022- January 2024	2 years
2.	Member Board of Studies Department of Entomology, Abdul Wali Khan Mardan	28-010-2020	till date
3.	Member Board of Studies Department of Weed Science	26-06-2020	till date
4.	Additional Chief Proctor	23 rd Dec 2019 - 22 nd Oct 2021	1 year and 10 months
5.	Member Senate (Assistant Professor Constituency)	15 th Oct.2018- 14 th Oct 2021	3 years
6.	Associate Editor Sarhad Journal of Agriculture	1 st July 2019 ~ 30 th June 2021	2 years
7.	Member, Board of Studies Department of Plant Protection The Uni. of Agric. Peshawar	7 th Nov 2017~ 6 th Nov 2020.	3 years
8.	Executive Member Agriculture University Teachers Association (AUTA),	2016 -2017	1 year
9.	Associate Editor, Sarhad Journal of Agriculture	27 th May 2016 ~ 26 th May 2019	3 years
10.	Member Board of Studies, Department of Weed Science The Uni. of Agric. Peshawar	Feb, 2015 ~ Feb, 2017.	3 years
11.	Vice President, Agriculture University Teachers Association (AUTA)	2014-2015.	1 year
12.	Deputy Director (ORICs), The University of Agriculture Peshawar	13 th Nov, 2013	till date
13.	AUTF Representative, (Lecturer Constituency), Agricultural University Teachers Foundation (AUTF) Session	2012-2013.	1 year
14.	Executive Member, Agriculture University Teachers Association (AUTA)	2012-2013	1 year

15.	Staff Proctor The Uni. of Agric. Peshawar	19 th Sept 2010~ May, 2015	3 years and 8 months
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Ph.D. STUDENTS SUPERVISOR (Major supervisor)

S.No.	Student Name	Year	Research Title	Status
1	Fazli Amin	2021	Comparative study of mealworm (<i>Tenebrio molitor</i> L.) under controlled lab conditions in pakistan- a novel source of protein	Synopsis Approved
2	Naveed Ahmad	2021	Taxonomic study of Sub family Megachilinae (Megachilidae:Hymeoptera) of coniferous forest of Khyber Pakthunkhwa-Pakistan	Synopsis Approved

Ph.D. STUDENTS SUPERVISOR (Member Supervisory Committee)

S.No.	Student Name	Year	Research Title	Status
1.	Rasheed Akbar	2022	Exploiting host preference and botanicals for the management of Bruschiid Beetles	Degree Awarded
2.	Noor Muhammad	2022	Studies resistant mechanism of selected canola genotype against mustard aphid through conventional and molecular techniques	Degree Awarded
3.	Maid Zaman	2022	Morphological distribution, mapping and molecular analysis of Isoptera in various Agro- ecological zones of Khyber Patkhunkhwa	Degree Awarded

M.Sc. (HONS) STUDENTS SUPERVISED (As a Major Supervisor)

S.No.	Student Name	Year	Research Title	Status
1	Khalid Khan	2009	Comparing the efficiency of <i>Chrysoperla carnea</i> (Stephen), Neem seed extract and Laser (Insecticide) against tomato Fruitworm at Peshawar.	Degree awarded
2	M. Noman.	2014	Screening of different tobacco cultivar and efficacy of bifenthrin against major insect pest of tobacco.	Degree awarded

3	Rahamd Dad	2015	Effect of submerging time and soil types of pupae of fruit fly <i>Bactocera cucurbitae</i> (Tephritidae: Diptera) under lab. Conditions.	Degree awarded
4	Syed Mudassir Shah	2016	Exploring mechanical and nutritional methods of sex separation in <i>Culex quinquefascialus</i> species of mosquito (Diptera: Culicidae)	Degree awarded
5	M. Asim	2016	Effect of different botanicals, synthetic insecticides and ash against red pumpkin beetle on snake cucumber.	Degree awarded
6	Mian Imad Ali	2017	Study on the influences of indigenous plant extract on tomato fruit worm (<i>Helicoverpa armigera</i> Hub.) and its associated natural enemies	Degree awarded
7	M. Shoaib	2017	Assessment and Development of Hybrid Vigor of Silkworm <i>Bombyx mori</i>	Degree awarded
8	Arshad Khan	2018	Varietal response of tomato to thrips infestation and its impact on yield	Degree awarded
9	Shahzad Alam	2019	Management of Tomato fruitworm (<i>Helicoverpa armigera</i> Hub) (Noctuidae : Lepidoptera) on tomato at Peshawar, Khyber Pakhthunkhwa	Degree awarded
10	Shahid ur Rehman	2019	Evaluation of different management practices of red pumpkin beetle (<i>AULACOPHORA FOVEICOLLIS</i>) (<i>CHRYSOMELIDAE; COLEOPTERA</i>) on snake cucumber.	Degree Awarded
11.	Hina Gul	2020	Insecticidal evaluation of aqueous extract of indigenous plant in comparison with Synthtic insecticide for the management of Thrips (<i>Scirtothrips dorsalis</i>) in tomato crop	Degree Awarded
12.	IrfanUllah	2021	Integrated management of fruit borer (<i>Leucinodes orbonalis</i> guen) (pyralidae: lepidoptera) on spring brinjal crop at district peshawar khyber pakhtunkhwa	Degree awarded
13.	Aizaz Ali Shah	2021	Evaluation of different larval diets for mass rearing of mealworm (<i>Tenebrio molitor l.</i>) (Coleoptera: Tenebrionidae) under lab conditions	Degree awarded
14.	Ahmad Said	2021	Appraisal of different mechanical and chemical control against whitefly <i>Bemisia tabaci</i> , (genn)in okra at district Mardan Khyber Pukhtunkhwa	Degree awarded

15.	Arshad Ali	2021	Comparison of mechanical control with insecticidal control against cucurbit fruit fly, <i>bactrocera cucurbitae</i> , (<i>tephritidae: diptera</i>) in bitter gourd at district Swat, Khyber Pakhtunkhwa	Degree awarded
16.	Jehangir Rashid	2021	Investigations on tomato fruit borer <i>Helicoverpa armigera</i> (hubner) and their egg parasitoid <i>Trichogramma chilonis</i> (ishii), Trichogrammatidae	Degree awarded
17.	Karishma	2021	Evaluation of different biorational pest management approaches for major insect pests of cucumber	Degree awarded
18	Zarak Khan	2021	Management of maize shoot fly (<i>Atherigona soccata</i>) and Maize stem borer <i>Chilo partellus</i> through integrated approach in District Swabi, Khyber Pakhtunkhwa	Degree Awarded

M.Sc. (Hons) Students Supervised (Member Supervisory Committe)

S.No	Student Name	Year	Research Title	Degree status
1	M. Usman	2010	Effect of egg parasitoid <i>Trichogramma chilonis</i> in combination with <i>Chrysoperla carnea</i> and neem seed extract against Tomato fruit worm.	Degree awarded
2	Jawad Ali Shah	2012.	Effect of different botanical extraction on Tomato fruit worm (<i>Helicoverpa armigera</i> Hub.)	Degree awarded
3	M. Sulaiman	2013	Parasitism and oviposition of <i>Trichogramma chilonis</i> on <i>Sitotroga cerealella</i> on wheat, maize and Sorghum.	Degree awarded
4	Muhammad Inamullah.	2014.	The Genera of family Encyrtidae (Hymenoptera) in Entomological collection of the University of Agriculture, Peshawar-Pakistan.	Degree awarded
5	Maid Zaman	2015	Testing sand mixtures as physical barrier against subterranean termites.	Degree awarded

6	Laila Khan	2015	Host preference and relative abundance of Red Pumpkin Beetle among different cucrbits.	Degree awarded
7	Komal Habib	2015	Study of insect pest and its associate natural enemies of Brinjal and efficacy of some insecticide against insect pest of brinjal in Peshawar.	Degree awarded
8	Syed Hidayat Hussian.	2014	Resistance of different maize varieties and hybrid against insect pest.	Degree awarded
9	Inam Shah	2015	Studies on varietal response of cucumber of insect pollination.	Degree awarded
10	Ashraf Khan	2015	Study on insect pest complex of pea	Degree awarded
11	Mir Manzar uddin.	2015.	Mosquito fauna of District Upper Dir, Khyber Pakhthunkhwa	Degree awarded
12	Komal Habib	2015	Study of insect pest and its associate natural enemies of Brinjal and efficacy of some insecticide against insect pest of brinjal in Peshawar.	Degree awarded
13	Walija Fayaz.	2015	Resistance in loofah , Luffa Spp., (Cucurbitales : Cucurbitaceae) cultivars against its insect pest in Peshawar.	Degree awarded
14	Bismillah Shah	2015	Biochemical and Physio morphic basis of resistance in maize cultivars against its insect pests.	Degree awarded
15	Unzla Zafar	2016.	Bionimics and Management of Pulse beetle (<i>Callosbrushus chiensis</i>) on stored mung Bean.	Degree awarded
16	Shah Zareen (Weed Sci)	2016	Management of water lettuce in drainage ditches in Peshawar, Khyber Pakhthunkhwa	Degree awarded
17	Fawad Khan.	2016	Surveillance of dengue Vector (Aedes sp) in dengue epidemic areas and its correlation with dengue case	Degree awarded

			in Swat. (In Progress)	
18	Jawad Sarwar	2017	Effect of low temperature and irradiation on <i>Trichogramma chilonis</i> and its host <i>Sitotroga cerealella</i>	Degree Awarded
19	Waheed Ahmad	2017	Response of four Okra varieties on insect pest and their biological control	Degree Awarded
20	Hafiz M. Faisal Ayub	2017	Population Abundance of Insect pest and their biocontrol agent on different brinjal genotypes at ARI Tarnab Peshawar	Degree Awarded
21	Inziam Ul Haq (PPr)	2017	Compatibility of chemical and Biocontrol for the management of Maize Stem Borer (<i>Chilo partellus</i> Swinhoe), (Lepidoptera ; Pyralidae)	Degree Awarded
22.	Ateeq Ur Rehman	2018	Effect of botanicals extracts on different insect pest and yield of pea (<i>Pisum sativa</i>)	Degree Awarded
23.	Aftab Ahmad Khan	2018	Role of insect pollinators on yield of bitter ground (<i>Momordica charantia</i> L.)	Degree Awarded
24.	Qasim Jan Orakzai	2018	Evaluation of different traditional control measures on insect pest of okra varieties	Degree Awarded
25.	Abdur Rauf Bhatti (NARC)	2018	Weevil (Coleoptera:Curculionidae) Fauna of Himalayan Foothill of Pakistan	Degree Awarded
26.	Azaz Shakir	2018	Population abundance of fruit flies and its associated natural enemies on five peach cultivars in Swat valley	Degree Awarded
27	Saeeda	2018	Effect of pollinator on yield of loofa genotypes at Peshawar	Degree Awarded

28	Abdul Qayyum	2018	Improving efficacy and cost effectiveness of male annihilation technique for fruit fly management	Degree Awarded
29.	Muhammad Zakaria	2018	Studies on the biological attributes and parasitic potential of <i>Trichogramma chilonis</i> reared on <i>Sitotrogra cerealella</i> and <i>Corcyra cephalonica</i>	Degree Awarded
30.	M. Junaid	2017		Degree Awarded
31.	Shazia Rehman	2018	To find out the terms responsible for resistance in Okra against <i>Aphis gossypi</i> (Clover)	Degree Awarded
32.	Haneef Tariq	2019	Efficacy of different plant extracts in comparison with Spinosad, a New chemistry Insecticide against Tomato fruit worm (<i>Helicoverpa armigera</i> Hub)	Degree Awarded
33.	Majid Ali	2019	Taxonomic study of short horned grasshopper (Orthoptera : Acrididae) of District Mardan, Khyber Pakthunkhwa, Pakistan	Degree Awarded
34.	Yaqoob Khan	2019	Integration of Chemicals and <i>Trichogramma Chilonis</i> against <i>Pieris Brassicae</i> in cauliflower	Degree Awarded
35	M. Tausif Ahmad	2019	Effect of irradiation on growth and development of pulse beetle	Degree Awarded
36	M. Asim	2020	Management of Citrus psylla <i>Diaphonina Kawayama</i> (Homoptera: Psyllidae) at Peshawar	Degree Awarded
37.	Ijaz Ali Khan	2020	Population trend of phytophagous mites and their associated predators on different peach varieties of Dist SWAT	Degree Awarded
38.	Ali Shan	2020	Relative Abundance of fruit fly species and their infestation in guava and bitter guard at Dargai, District	Degree Awarded

			Malakand	
39.	Hamza Iftikhar	2021	Comparative foraging behavior of Honey Bee Specices <i>Cerana</i> and <i>Mellifera</i> .	Degree Awarded
40.	Rab Nawaz (P.pl)	2021	Effect of major tuber borne diseases on commercially grown potato cultivars in Khyber Pakhthunkhwa and their management through positive and negative selection.	Degree Awarded
41	Riaz Hussain	2021	Insect pest of Green pea (<i>Pisum sativum</i>) and its management with botanicals extracts at Malam Jabba District Swat.	Degree Awarded
42.	Yasin Akbar	2021	Impact of pollinators on soyabean yield and their relative abundance under insecticide treated and untreated field at Peshawar	Degree Awarded
43.	Obaidullah (PPr)	2021	Management of onion thrips (Thrips tabaci) Through synthetic insecticide and different botanicals extracts in onion crop	Degree awarded
44.	Muhammad Yasin (Ppr)	2021	Demographic study of <i>Drosica</i> Species fed on different hosts under laboratory condition in Skardu, Gilgit Baltistan.	Degree Awarded
45.	Sumayya Amin (ppr)	2021	Pesticide Residue Analysis of three different pesticide used against <i>Helicoverpa armigera</i> in tomato crop	Degree Awarded
46.	Ali Muhammad (Ppl)	2021	Management of Bacterial wilt of tomato using powder preparation of <i>Peganum hamrala</i>	Degree Awarded
47.	Ali Qadar (Ppr)	2021	Effect of Different seed dressers and varietal response of maize against maize stem borer infestation	Degree Awarded
48.	Muhammad Tayab	2021	Response of different wheat cultivars towards the population of	Degree Awarded

			wheat aphids and its associated natural enemies.	
49.	Kashif Ahmad	2022	Evaluating powder preparation of <i>Dodonaea viscosa</i> as potential control measure against Bacterial wilt of tomato	Degree Awarded

COURSES TAUGHT DURING LAST 3 YEARS

Year	Semester	Course No.	Course Title	Degree/Semester
2020	Spring	Ent 701	Research Methods In Entomology	B.Sc. (Hons) IV
		Ent 711	Insect Nutrition	Ph.D.
2020	Fall	Ento 401	Introductory Entomology	B.Sc. (Hons) II
		Ent 613	Scientific Writing and Presentation	B.Sc. (Hons) IV
2021	Spring	Ent 613	Scientific Writing and Presentation	B. Sc. (Hons) IV
		Ent 711	Insect Nutrition	Ph.D.
2021	Fall	Ent 401	Introductory Entomology	B.Sc (Hons) 3 rd Semester
		Ent 501	Insect Morphology	B.Sc (Hons) 5 th Semester
2022	spring	Ent 613	Scientific Writing and Presentation	B. Sc. (Hons) IV
		Ent 711	Insect Nutrition	Ph.D.

PRESENTATIONS IN THE NATIONAL AND INTERNATIONAL CONFERENCES

1. Huma., Z., A.U.R. Saljoqi, F. Ali, F. Khan and **A. Usman**. 2018 Virulence of Entomopathogenic nematodes to *Heterotermes Indicola* (Isoptera: Rhinotermitidae) in the Laboratory. 38th Pakistan Congress of Zoology. Feb 27 – March 1, 2018, Lahore, Pakistan.
2. **Amjad Usman** and Imtiaz Ali Khan. 2018. Population fluctuation with reference to different developmental stages of tomato fruit worm (*Helicoverpa armigera*) and their relationship with environment. 1st International conference on CLIMATE CHANGE IMPACTS ON AGRICULTURE AND FOOD SUPPLY. April 24 – 26, 2018, at University of Swabi.

CONFERENCES/TRAININGS AND WORKSHOPS ATTENDED/ORGANIZED

1. Attended “**Training of Presiding Officers**” held on 11th December 2007 at Peshawar.
2. Participated in “**Work Shop for Public Sector Professionals, Teaching Staff of Universities and Students of IPM Research and Development**” at Peshawar held on 23rd - 25th May 2008. Organized by National IPM Program, NARC Islamabad.
3. Attended conference on “**Response to Challenges of Globalization in Agriculture**” at Bara Gali, Abbottabad from 2nd to 7th July 2008. Organized by Agricultural University Teachers Association. (AUTA).
4. Attended 25th Training Course on the “**Use of Nuclear and other Technique in Food and Agricultural Research**” Nov. 3-14, 2008 at NIFA Peshawar.
5. Attended national work shop on “**Recent Trend in Agriculture**” held on 2-3rd February, 2010 at KPK Agricultural University Peshawar.
6. Participated in training on “**Project Management**” held on 2-3rd April, 2010 at KPK Agricultural University Peshawar.
7. Participated in international symposium on “**Institutional Linkages for Agriculture Development in Pakistan**” held on 20-21 December, 2010 at KPK Agricultural University Peshawar.
8. Participated in the cascading of AIT based training program “**Ensuring Training Effectiveness**” held on 4-6th July, 2012 at KPK Agricultural University Peshawar.
9. Attended Training “**Data Analysis Techniques for crop, animal and Social Sciences**” held on February 6, 2014. Organized by AUTA.
10. Attended National Conference on “**Innovative Technologies and Sustainable Development in Agriculture**” held on 19-22nd August 2014 at Baragali. Organized by The University of Agriculture Peshawar.
11. Attended Workshop as Resource Person on “**Integrated Pest Management of Forest Insect Pest**” held on 25-26 March 2015 at Pakistan Forest Institute, Peshawar. Pakistan.
12. Attended Training workshop on “**Preparation of District Adaption plan of action**” held on 28th to 30th October, 2014 Islamabad. Pakistan.
12. Attended workshop on “**Developing and Assessing Proposals**” organized by Higher Education Commission, Education Tertiary Support program held on 22-23rd May 2015 at Islamabad, Pakistan.

13. Participated in 3rd International Conference on **Global Environmental Changes** Organized by Department of Environmental Sciences and Engineering, Government College University Faisalabad on 21st and 22nd March 2016.
14. Attended **“Project Formulation Workshop”** held at The University of Agriculture Peshawar Pakistan on 27th and 28th April 2016. Organized by Pakistan Science Foundation.
15. Participated in Ag MIP, **Mid Term Workshop Phase II on Assessing Climate vulnerability and Projecting Crop Productivity using Integrated Crop and Economic Modeling Technique**, held on 20th and 21st December 2016.
14. Attended National Training on **“Non Timber Forest Produce”** held on 3rd – 6th October, 2017 at Pakistan Forest Institute Peshawar.
15. Attended conference on **“Climate Change Impacts on Agriculture and Food Supply”** held on 24th -26th 2018, Organized by Department of Agriculture, at University of Swabi.
16. Attended Two days training of Presiding Officers and Senior Presiding officer of General Election 2018 organized by Election Commission of Pakistan at Peshawar.
17. Attended **“1st Training Workshop for Departmental Focal Person on Self Assessment Report Writing and Criteria of Agriculture Degree Programs”** organized by NAEAC at HEC Islamabad on 10th Feb. 2020.
18. Organized and certificate of appreciate for arranging two days national conference on **Sustainable Farming Through Intervention Of Agricultural Mechanization And Renewable Energy Technologies”** held on 30th June and 1st July 2021, at The University of Agriculture Peshawar.
19. Attended **“16th National weed Science Congress of Weed Science Society of Pakistan”** held on 8th-10th July, 2021 at Department of Weed Science and Botany, The University of Agriculture Peshawar.
20. Attended Seminar on **“Role of Nitric Oxide in the Biology of Eco Friendly Insects and Nematodes”** held on 30th November 2021 at Department of Entomology, Abdul Wali Khan University Mardan,
21. Organized international conference on **“Food Security through Sustainable Plant Protection Strategies”** held on 16th -20th January, 2022 at The University of Agriculture Peshawar.