

Department of Plant Protection,
Faculty of Crop Protection Sciences,
the University of Agriculture, Peshawar Pakistan
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Dr. MUHAMMAD SALIM

Father's Name	:	Rahman Shah
Date of Birth	:	6th November 1984
Marital Status	:	Married
Nationality	:	Pakistani
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Religion	:	Islam

Postal address

Department of Plant Protection, Faculty of Crop Protection Sciences, the University of Agriculture, Peshawar-Pakistan

ACADEMIC QUALIFICATIONPAS

Degree/ Certificate	Year	Marks	Institute

Postdoc	2024-2025	TUBITAK Project (Number 223O259) entitled "Increasing efficacy of dsRNA against Colorado Potato Beetle (*Leptinotarsa decemlineata* Say.) with Mineral-Based Nanocomposites" at the Department of Plant Production and Technologies, Niğde Omer Halisdemir University, Niğde, Turkiye	
PhD	2019	4.00/4.00 (CGPA)	Nigde Omer Halisdemir University, Turkey
M Sc (Hons) Agriculture	2010	4.00/4.00 (CGPA)	The University of Agriculture, Peshawar-Pakistan
B. Sc (Hons) Agriculture	2008	3.89 /4.00 (CGPA)	The University of Agriculture, Peshawar-Pakistan
F. Sc (Pre-Medical)	2003	726 / 1100	FBISE Islamabad
SSC (Science)	2001	625 / 850	BISE Peshawar

SPECIALIZATION:

Postdoc: Plant Protection

Research Title: *"Increasing Efficacy of dsRNA Against Colorado Potato Beetle (Leptinotarsa decemlineata Say.) with Mineral-Based Nanocomposites"* funded by the Scientific and Technological Research Council of Turkey (TÜBİTAK).

PhD: Plant Protection

Research Title: "Pyramiding of Insecticidal Genes in Potato to Encode Resistance against Colorado Potato Beetle, *Leptinotarsa decemlineata* (Say), (Coleoptera: Chrysomelidae)".

MSc (Hons): Plant Protection

Research Title: "Field Application of *Trichogramma chilonis* (Ishii) for the Management of Sugarcane Borers".

BSc (Hons): Plant Protection

Internship Title: "Population dynamics of sugarcane borers in plant and ratoon crops of sugarcane".

DISTINCTION AWARDS

- Awarded **TÜBİTAK RESEARCH PERFORMANCE AWARD** during the year 2024-2025.
- Awarded with a PhD scholarship **TUBITAK** 2215 - Graduate Scholarship Programme for International Students for PhD in Turkey (2015-2018).
- Awarded the **Gold Medal at University Level** during the session 2009-10 in MSc (Hons.).
- Awarded the **Gold Medal** in the faculty of **Crop Protection sciences** AUP during the session 2009-10 in MSc (Hons.).
- Awarded with distinction as **First Class First Position in M.Sc (Hons.),** Department of Plant Protection, The University of Agriculture, Peshawar (2009-10).
- Awarded the **GOLD MEDAL** at BSc (Hons.) in the faculty of Crop Protection Sciences during the session 2005-2008.
- Awarded the **SILVER MEDAL** at BSc (Hons.) at university level during the session 2005-2008.
- Awarded with distinction as **First Class First Position in BSc (Hons.),** Department of Plant Protection, The University of Agriculture, Peshawar (2005-08).

PROFESSIONAL EXPERIENCE:

Date		Title	Institution/organization
From	**To**		
03-03-2022	Till date	Assistant Professor	Deptt. of Plant Protection, The University of Agriculture, Peshawar, Pakistan
25-6-2014	02-03-2022	Lecturer	Deptt. of Plant Protection, The University of Agriculture, Peshawar, Pakistan
02-01-2012	31-7-2014	IPM Field Officer	Pakistan Tobacco Company
01-12-2010	30-07-2011	FFS Facilitator	FAO & European Union partners (CARAVAN)
08-02- 2010	30-06-2010	Research Fellow	CABI SOUTH ASIA
10-08-2008	30-12-2008	Teaching Assistant	Deptt. of Plant Protection, The University of Agriculture, Peshawar, Pakistan
01-03-2008	30-01-2010	Research Fellow	Deptt. of Plant Protection, The University of Agriculture, Peshawar, Pakistan

Additional Job Responsibilities:

1) Member of the Climate Change Center AUP.
2) Staff Proctor.
3) Member of the Institutional Disciplinary Committee (IDC).
4) Department Focal Person for Online Learning Management System (LMS).

5) Department Focal person for ORIC (Office of Research, Innovation and Commercialization).

6) Department Focal person for Development of Strategic Planning of the University (2022-2025).

7) Department Focal Person for staff & students Covid-19 vaccination.

8) Department Focal person for Farm Forum Advisory Committee by Bureau of Agriculture (Extension) Govt of Khyber Pakhtunkhwa.

9) Department Focal person for ZARATNAMA.

10) Member of the Department Board of studies.

11) University Election Officer.

12) Member of the Departmental Ethical Committee.

PROJECTS COMPLETED

1) "Infestation level of Sugarcane borers and mass production of *Trichgramma* (Hymenoptera: Trichogramtidae) for their management" Supported by Higher Education Commission of Pakistan (March 2008 – Feb 2010).

2) "Survey of midges and their natural enemies associated with mango and develop non-pesticides measures for their control in Pakistan" Supported by CABI Pakistan (Feb 2010- 30th June 2010).

3) "Use of gene silencing techniques in control of Colorado potato beetle, *Leptinotarsa decemleneata* (Say) (Chrysomlida: Coleoptera)" supported by Ayhan Şahenk Foundation, Doğuş Group Turkey (February 2017 - Feb 2019).

4) Research Project FEB 2017/18 BAGEP entitled "Control of *Leptinotarsa decemlineata* (Say) and *Phthorimaea operculella* Zeller with pyramiding of insecticidal genes in potato" supported by Niğde Ömer Halisdemir University, Turkey (Feb 2017 - Feb2019).

PUBLICATIONS:

1. **Salim, M.,** Nadeem, M., Saljoqi, A. U. R., Sattar, S., & Khan, S. A. (2026). Population dynamics of Bemisia tabaci (Gennadius) on different brinjal varieties in Mansehra and Peshawar regions of Pakistan.

2. Riaz ul Haq, Ahmad-Ur-Rahman Saljoqi, Muhammad Ismail, & **Muhammad Salim**. (2026). Effectiveness of Cultural Practices in Managing Helicoverpa Armigera Infestation in Tomato Varieties of Khyber Pakhtunkhwa. *International Journal of Agriculture Innovations and Cutting-Edge Research*, *4*(1), 31–39.

3. Basit, A., Khalique, U., **Salim, M.,** & Saljoqi, A. U. R. (2025). Efficacy of Beauveria Bassiana and Metarhizium anisopliae for the management of tomato fruit borer, Helicoverpa armigera (Lepidoptera: Noctuidae). *Sarhad Jurnal of Agriculture*, *41*(4), 1698-1709.

4. Nadeem, M., Saljoqi, A. U. R., & **Salim, M.** (2025). Age-Stage Two-sex Life Table Study of *Bemisia tabaci* (Gennadius) (Hemiptera: Aleyrodidae) on Three Brinjal Varieties in Pakistan.

5. **Salim, M**., Qadar, A., Saljoqi, A. U. R., Khan, S. S., Usman, A., Khan, H., ... & Gokce, A. (2025). Effects of different seed dressers and varietal response of maize against maize stem borer, *Chilo partellus* (swinhoe) (lepidoptera: pyralidae) infestation. *Sarhad Journal of Agriculture*, *41*(2), 842-851.

6. **Salim, M.,** Arif, A., Ayaz, M., Saljoqi, A. U. R., Gökçe, A., Khan, H., ... & Khan, S. A. (2025). Impact of synthetic insecticides on the life table parameters of Trichogramma chilonis under laboratory conditions. *Scientific Reports*, *15*(1), 3900.

7. **Salim, M.,** Bakhsh, A., Naqqash, M.N. *et al.* (2024). Heterologous expression of distinct insecticidal genes in potato cultivars encodes resistance against potato tuber moth, *Phthorimaea operculella* (Zeller) (Lepidoptera: Gelechiidae). *J Plant Dis Prot* **131**, 1493–1505 (2024). https://doi.org/10.1007/s41348-024-00964-4

8. Arif, A., **Salim, M.,** Shah, H. A., Saljoqi, A. U. R., Sattar, S., & Usman, A. (2024). Varietal Evaluation and Testing of Synthetic Insecticides Against Peach Aphids (Myzus Persicae Sulzer) Under Field Conditions at Ari, Mingora Swat. *International Journal of Agriculture and Sustainable Development*, *6*(4), 223-237.

9. **Salim, M**., Zakria, M., Saljoqi, A. R., Sattar, S., Gökçe, A., Usman, A., & Badshah, H. (2024). Effectiveness of *Parthenium hysterophorus* L. Extracts Against Wheat Aphid, Sitobion avenae (Hemiptera: Aphididae) under Field Conditions. *Sarhad Journal of Agriculture*, *40*(4), 1288-1294. https://dx.doi.org/10.17582/journal.sja/2024/40.4.1288.1294

10. **Salim, M**., Ullah, I., Saljoqi, A.U.R. et al. Life table study of *Sitotroga cerealella* on different cereals and its implications on the performance of the egg parasitoid (*Trichogramma chilonis*) under laboratory conditions. Sci Rep 13, 10961 (2023). https://doi.org/10.1038/s41598-023-37852-0

11. **Salim, M**., Kamran, M., Khan, I. et al. Effect of larval diets on the life table parameters of dengue mosquito, *Aedes aegypti* (L.) (Diptera: Culicidae) using age-stage two sex life table theory. Sci Rep 13, 11969 (2023). https://doi.org/10.1038/s41598-023-39270-8.

12. Naqqash, M.N., Gökçe, A., Bakhsh and **Salim, M.** (2023). Demographic features and population projection of resistant and susceptible populations of Colorado potato beetle, *Leptinotarsa decemlineata* (Coleoptera: Chrysomelidae). Phytoparasitica 51, 559–568. https://doi.org/10.1007/s12600-023-01067-w

13. Saljoqi, A. R. S., Ahmad, I., Khan, J., Sattar, S., Khan, B. A., **Salim, M**., & Khan, I. (2023). Potential of *Chrysoperla carnea* (Stephens)(Neuroptera: Chrysopidae) fed on Aphid, Myzus persicae (Sulzer)(Hemiptera: Aphididae) under controlled conditions. Sarhad Journal of Agriculture, 39(2), 479-489.

14. Uddin, Jalal, Farman Ullah, Ishrat Naz, Sarir Ahmad, Ahmad-Ur-Rahman Saljoqi, Shahid Sattar Khan, and **Muhammad Salim** (2023). Root-knot nematode pathogen suppression in eggplant using antagonistic fungi. Egyptian Journal of Biological Pest Control 33: P. 15.

15. **Muhammad Salim**, Tausif Ahmad, Muhammad Kamran, Ali Bin Mubarik, Ahmad Ur Rahman Saljoqi and Inamullah Khan. (2023). Effect of Irradiation on

Growth and Development of Pulse Beetle, Callosobruchus maculatus (F.) (Coleoptera: Bruchidae). https://www.xisdxjxsu.asia/viewarticle.php?aid=2195.

16. Muhammad Yasin, **Muhammad Salim,** Ahmad Ur Rahman Saljoqi, Imdad Ullah, Mudassir Ahmad, Muhammad Ali, Qamar Abbas, Ashraf Ali and Musa Hashmi (2023). Demographic Study of *Drosicha* Species Fed on Different Hosts under Laboratory Conditions in Skardu, Gilgit Baltistan. Journal of Xi'an Shiyou University, Natural Science Edition. https://www.xisdxjxsu.asia/V19I02-20.pdf

17. Kaleem Ullah, R. M., Gökçe, A., Bakhsh, A., **Salim, M**., Wu, H. Y., & Naqqash, M. N. (2022). Insights into the Use of Eco-Friendly Synergists in Resistance Management of *Leptinotarsa decemlineata* (Coleoptera: Chrysomelidae). Insects, 13(9), 846. https://doi.org/10.3390/insects13090846.

18. Saljoqi, A. U. R., Tayeb, M., & **Salim, M*.** (2022). Response of Different Wheat Cultivars Towards Wheat Aphids,(*Rhopalosiphum padi* L.) and their Associated Natural Enemies. Sarhad Journal of Agriculture, 38(431).

19. Ahmad Ur Rahman Saljoqi, Muhammad Munir, Amir Zaman Shah, **Muhammad Salim** and Javed Khan (2022). *Spodoptera litura* (Lepidoptera: Noctuidae) rearing on artificial feed with *Chrysoperla carnea* predation (Neuroptera: Chrysopidae). Journal of Global Innovations in Agricultural Sciences, 10(2) 77-85.

20. Saljoqi, A. U. R., Amin, S., **Salim, M***., Nawaz, T., & Anjum, F. (2022). Pesticide residue analysis of three different pesticides used against *Helicoverpa armigera* (Hubner) in tomato crop. Sarhad Journal of Agriculture, 38(2), 448-455. https://dx.doi.org/10.17582/journal.sja/2022/38.2.448.455

21. Saljoqi, A. U. R., **Salim, M***., & Ahmad, I. (2021). Management of garlic thrips, *Thrips tabaci* Linderman (Thysanoptera: Thripidae) through different pest management techniques in garlic crop. Sarhad Journal of Agriculture, 37(2), 359-368. https://dx.doi.org/10.17582/journal.sja/2021/37.2.359.368

22. **Salim, M**., Gökçe, A., & Bakhsh, A. (2021). Demographic study of imidacloprid-resistant Colorado potato beetle, *Leptinotarsa decemlineata* (Coleoptera: Chrysomelidae) fed on transgenic and commercial potato cultivars. *Phytoparasitica* **50**, 201–221. https://doi.org/10.1007/s12600-021-00937-5

23. **Salim, M**., Bakhsh, A., & Gökçe, A. (2021). Stacked insecticidal genes in potatoes exhibit enhanced toxicity against Colorado potato beetle, *Leptinotarsa decemlineata* (Coleoptera: Chrysomelidae). Plant Biotechnology Reports, *15*(2), 197-215.

24. **Salim, M**., Gökçe, A., Naqqash, M. N., & Ersoy, O. (2020). Insecticidal Potential of Native Diatomaceous Earth Against *Sitophilus granarius* (Coleoptera: Curculionidae). Sarhad Journal of Agriculture, 36(2), 729-733.

25. Zada H, Ahmad B, Hassan E, Ur Rahman Saljoqi A, Naheed H and **Salim M** (2018). Toxicity potential of different azadirachtin against *Plutella xylostella* (Lepidoptera; Plutellidae) and its natural enemy, *Diadegma* species. J Agron Agri Sci 1: 003.

26. **Salim, M**., Gökçe, A., Naqqash, M.N. and Bakhsh, A., 2016. An overview of biological control of economically important lepidopteron pests with parasitoids.

27. Naqqash, M.N., Gökçe, A., Bakhsh, A. and **Salim, M**., 2016. Insecticide resistance and its molecular basis in urban insect pests. *Parasitology research*, *115*(4), pp.1363-1373. Impact factor =2.558.

28. Saljoqi, A.U.R., N. Asad, J. Khan, E. Haq, M. Nasir, H. Zada, B. Ahmad, M. Nadeem, Z. Huma and **M. Salim.** 2016. Functional Response study of *Chrysoperla carnea* Stephen (Neuroptera: Chrysopidae) fed on cabbage aphid, *Brevicoryne brssicae* (Linnaeus) under laboratory conditions. Pakistan Journal of Zoology. 48(1): 165-169. [ISSN: 0030-9923; Impact Factor = 0.404].

29. Saljoqi, A. U. R., Anwar, K., Khan, I. A., **Salim, M**., Nadeem, M., & Huma, Z. (2015). Effectiveness of *Trichogramma chilonis* (Ishii) against sugarcane stem borer, *Chilo infuscatellus* (Snell) in different sugarcane varieties. Thai Journal of Agricultural Science, 48(2), 59-66.

30. Saljoqi, A.U.R., M. Nasir, J. Khan, E. Haq, **M. Salim**, M. Nadeem, Z. Huma, H. G. Saeed, B. Ahmad, H. Zada and S. Rehman. 2015. Functional response study of *Cryptolaemus Montrouzieri* Mulsant (Coleoptera: Coccinellidae) fed on Cotton mealy bug, *Phenacoccus solenopsis* Tinsley under Laboratory Conditions. Journal of Entomology and Zoology Studies. 3 (3): 411-415. [E-ISSN: 2320-7078; P-ISSN: 2349-6800].

31. Saljoqi, A.U.R., **M. Salim,** S. Rehman, S.K. Khalil and I. Khurshid. 2015. Field Application of *Trichogramma chilonis* (Ishii) for the Management of Sugarcane Borers. Pakistan Journal of Zoology. 47(3): 783-791. [ISSN: 0030-9923; Impact Factor = 0.404].

32. Saljoqi, A.U.R., N. Asad, J. Khan, E. Haq, S. Rehman, Z. Huma, H.G. Saeed, M. Nadeem, **M. Salim,** B. Ahmad, H. Zada. 2015. The impact of temperature on biological and life table parameters of *Chrysoperla carnea* Stephens (Neuroptera: Chrysopidae) fed on cabbage aphid, *Brevicoryne brassicae* (Linneaus). Journal of Entomology and Zoology Studies. 3 (2): 238-242. [E-ISSN: 2320-7078; PISSN: 2349-6800].
33. Saljoqi, A.U.R., G. Muhammad, Z. Huma, B. Ahmad, H. Zada, S. Rehman, M. Nadeem and **M. Salim**. 2015. Screening of various irrigated wheat varieties against Angoumois grain Moth, *Sitotroga cerealella* (Olivier) (Lepidoptera: Gelechiidae). Journal of Entomology and Zoology Studies. 3(2): 36-41. [E-ISSN: 2320-7078; P-ISSN: 2349-6800].
34. Saljoqi, A.U.R., K. Anwar, S. Rehman and **M. Salim.** 2014. Efficacy of *Trichogramma chilonis* (Ishii) (Hymenoptera: Trichogrammatidae) for Management of Sugarcane Stem Borer, *Chilo infuscatellus* (Snell) in Different Varieties of Ratoon Sugarcane Crop. Pakistan Journal of Zoology. 46 (6): 1503-1509. [ISSN: 0030-9923; Impact Factor = 0.404].

35. Saljoqi, A.U.R., N. Muhammad, I.A. Khan, S. Rehman, M. Nadeem and **M. Salim**. 2014. Effect of different insecticides against Termites, *Heterotermes indicola* L. (Isoptera: Termitidae) as slow acting toxicants. Sarhad Journal of Agriculture, Pakistan.30 (3): 333-339. [ISSN: 1016-4383 (Print) / ISSN: 2224-5383 (Online)].
36. Khan, M.A., A.U.R, Saljoqi, I. A. Khan, Q. Zeb, M. Sajid, M. Mashwani, S. Khan, S. Zeb, S.F. Shah, **M. Saleem**, Z. Huma and H. Awan. 2012. Toxicity of foliar insecticides to ladybird beetle predator of green peach aphid, *Myzus persicae* (Sulzer) on potato varieties. Sarhad Journal of Agriculture, Pakistan. 28 (2): 283-290. [ISSN: 1016-4383 (Print) / ISSN: 2224-5383 (Online)].
37. Khan, M.A., A.U.R, Saljoqi, I. A. Khan, S.Khan, Q. Zeb, M. Sajid, M. Mashwani, S. Zeb, S.F. Shah, **M. Saleem,** Z. Huma and B. Khattak. 2012. Toxicity of foliar insecticides to syrphid fly predator of green peach aphid, *Myzus persicae* (Sulzer) on potato varieties. Sarhad Journal of Agriculture, Pakistan. 28 (2): 291-296. [ISSN: 1016-4383 (Print) / ISSN: 2224-5383 (Online)].

BOOK CHAPTER

Salim, M., Gökçe, A., Naqqash, M. N., & Bakhsh, A. (2020). Gene Pyramiding: An Emerging Control Strategy Against Insect Pests of Agronomic Crops. In *Agronomic Crops* (pp. 285-312). Springer, Singapore

CONFERENCE/PROCEEDINGS/WORKSHOPS AND TRAININGS

(1) Successfully presented one of my abstracts on "Effect of synthetic insecticides and botanical extract against whitefly, *Bemisia tabaci* (Gennadius) (Hemiptera: Aleyrodidae) in different okra varieties" in 4th International Congress of the Turkish Journal of Agriculture - Food

Science and Technology (TURJAF 2025) " held on 28-30 April, 2025 in Niğde/Türkiye.

(2) Successfully presented one of my abstracts on "Lethal and sublethal effects of neem leaves extract (*Azadirachta indica*) against pink hibiscus mealy bug (*Maconellicoccus hirsutus*) (Hemiptera: Psudococcidae). 4th International Congress of the Turkish Journal of Agriculture - Food Science and Technology (TURJAF 2025) " held on 28-30 April, 2025 in Niğde/Türkiye.

(3) Successfully presented one of my abstracts on "Host Preference Study of Fruit Fly, *Bactrocera dorsalis* (Hendel) (Diptera: Tepritidae) and Parasitism Potential of *Diachasimimorpha longicaudata* on Different Hosts under Laboratory Condition in 7th International Anatolian Agriculture, Food, Environment and Biology Congress, held on 26-29 September 2024 in Kastamonu/Türkiye, http://targid.org/index.php/TURSTEP/article/view/464.

(4) Successfully presented one of my abstracts on "Efficacy of various insecticides and bio-control agent (*Trichogramma chilonis*) against tobacco budworm (*Helicoverpa armigera*) infesting flue cured virginia tobacco" in 7th International Anatolian Agriculture, Food, Environment and Biology Congress, held on 26-29 September 2024 in Kastamonu/Türkiye, http://www.targid.org/index.php/TURSTEP/article/view/463.

(5) Successfully participated in one day virtual conference on "Capacity building for dengue mosquito Integrated Surveillance, Sustainable Management and Outbreak Preparedness" organized by NPMA USA in collaboration with PPWIPM Pakistan on March 19, 2022.

6) Successfully participated in International Conference on "Food security through sustainable Plant Protection Strategies" organized by the Department of Plant Protection, The University of Agriculture, Peshawar from January 16-20, 2022.

7) Successfully participated in training workshop on" Pest Risk Analysis (PRA) for Invasive Species in Pakistan under Plant wise Plus programme" organized by CABI from 11 to November 2021.

8) Successfully presented one of my abstracts on "Effect of Irradiation on Growth and Development of Pulse Beetle, *Callosobrucus maculatus* (F.) (Coleoptera: Bruchidae)" in 7th International Agriculture Congress held on 16 October, 2021 online.

9) Successfully completed online training course on "Agriculture Pest and Disease Control Technology for Pakistan" Sponsored by Ministry of Commerce and Organized by National Agricultural Technology Extension and Service Center from September 6 to September 17, 2021, in Beijing, People's Republic of China.

10) Successfully completed online training course on "Cultivation of Oil crops for Pakistan (Rapeseed, Peanut, etc.) organized by Hunan agriculture, Group Co., Ltd. From August 10th to August 30th, 2021.

11) Successfully participated in the 16th National Weed Science Congress of weed Science Society of Pakistan organized by Department of Weed Science and Botany, the University of Agriculture Peshawar-Pakistan on July08-10, 2021.

12) Successfully completed a one-day webinar on "Integrated Vector Management" organized by Structural Pest Management Association (SPMA- Pakistan) on June 19, 2021.

13) Participated as Keynote Speaker at International Seminar on "Modern Techniques to improve Crop Yields in Changing Climate" organized by Department of Agriculture, Hazara University, Mansehra, Khyber Pakhtunkhwa-Pakistan on April 4, 2019.

14) Successfully participated in the 6th International Plant Protection congress Konya, 5-8 September 2016 Turkey.

15) Successfully completed Nigde Elma Calistayi (Technical training regarding Apple production in Nigde) Nigde Omer Halisdemir University Turkey from 12th to 13th October 2017.

16) Successfully completed a course of training in publishing science in English organized by publish biology.net in Nigde Omer Halisdemir University Turkey, from 20th to 24th March 2017.

17) Participated in the training workshop on "Preparation of District Adaptation Plan of Action" organized by the Climate Change Center, The University of Agriculture, Peshawar, Pakistan from 28th -30th October 2014

18) Participated in National conference on "Innovative Technologies and Sustainable Development in Agriculture" organized by The Teacher association of the University of Agriculture, Peshawar, Pakistan from 19th to 22nd August 2014.

19) Successfully completed the training on "Output/outcome survey for implementing partners" organized by FAO and society of Facilitators and Trainers (SOFT-Pakistan) Peshawar, Pakistan from 28th June to 1st July 2011.

20) Participated in the international workshop on "Promotion of farmer Field School based Integrated Pest Management Approach for OIC member States" Organized by Committee on Scientific and Technological Cooperation (COMSTECH) and NARC, PARC, Islamabad, Pakistan from 4th to 6th July 2011.

21) Successfully completed the "Training of Trainers (TOT) for Establishment of Farmer Field School" on winter Vegetables/Kitchen Gardening organized by Society of Facilitators and Trainers (SOFT-Pakistan) in collaboration with FAO-EU Food Facility Project from 4th – 16th January ,2011.

22) Successfully completed cascading workshop on "Development of Sustainable and Collaborative Research Networks" organized by British Council and HEC in collaboration with Inspire (UK) and KP Agricultural University Peshawar from 21st Oct to 22nd October 2010.

TECHNICAL SKILLS

1. Age-stage Two Sex MS Chart programme (Insect ecology Life table analysis software)
2. TIMING MS-Chart Programme (For Population projection and analysis)
3. CONSUME MS-Chart Programme (For biological control/ Insect predation data analysis software)
4. Probit-MS Chart (For insect mortality data analysis)
5. Leaf Area programme (For measuring leaf consumption area)

6. Statistics 8.1 software (For various analysis)

7. Office Automation, Internet

DETAIL OF TOTAL NUMBER OF M.SC (HONS.) STUDENTS SUPERVISED AND AWARDED DEGREE:

a) **Number of M.Sc (Hons.) Students Supervised & Awarded Degree, as Chairman Supervisory Committee (Supervisor):**

S.No	Name of Student	Department	Title
1	Muhammad Tausif	Plant Protection	Effect of irradiation on growth and development of pulse beetle, C*allosobrucus maculatus* (F.) (Coleoptera: Bruchidae)
2	Fiaqa Altaf	Plant Protection	Effect of Gamma radiation on the development of *Tribolium castaneum* (Herbst) (Coleoptera: Bruchidae) and C*allosobrucus maculatus* (F.) (Coleoptera: Bruchidae)
3	Ali Shan	Plant Protection	Relative abundance of fruit fly species and their infestation in guava and bitter gourd at Dargai district Malakand
4	Muhammad Yasin	Plant Protection	Demographic study of D*rosicha species* fed on different hosts under laboratory conditions in Skardu, Gilgit Baltistan-Pakistan
5	Imdad Ullah	Plant Protection	Age Stage Two Sex Life table study of *Sitrotroga cerealella* (Olivier) (Lepidoptera: Gelechiidae) fed on three different hosts
6	Israr Ahmed	Plant Protection	Gauging the current status of insecticide resistance in *Helicoverpa armigera* to commonly used selected insecticides in main tomato growing areas of Khyber Pakhtunkhwa

7	Maqsood Ahmed	Plant Protection	Lethal and sublethal effect of different concentration of neem leaves extract against Pink mealy bug under laboratory conditions.
8	Hayat Ali shah	Plant Protection	Varietal evaluation and testing of synthetic insecticides against peach aphids (M*yzus persicae* Sulzer) under field conditions at ARI, Mingora Swat
9	Ali Qadir	Plant Protection	Effect of different seed dressers and varietal response of maize against maize stem borer (C*hilo partellus* Swinhoe) (Lepidoptera:Pyralidae).
10	Imtiaz Ul Haq	Plant Protection	Life Table Study of Cowpea Weevil, *Callosobruchus maculatus* (F.) (Coleoptera: Chrysomelidae) Fed on different legumes using age-stage two sex life table theory
11	Muhammad Amin	Plant Protection	Host Preference Study of Fruit Fly, *Bactrocera dorsalis* (Hendel) (Diptera: Tepritidae) and parasitism potential of *Diachasimimorpha longicaudata* on different hosts under laboratory condition
12	Muhammad Kamran	Plant Protection	Effect of larval diets on the life table parameters of dengue mosquito, *Aaedes aegypti* (L.) (Diptera: Culicidae) using age-stage two sex life table theory
13	Salah Ud Din	Plant Protection	Effect of different insecticides against Pulse Beetle, *Callosobruchus maculatus* (F.) (Coleoptera: Bruchidae)
14	Arsalan Arif	Plant Protection	Toxicity of the selected synthetic insecticides on the life table parameters of *Trichogramma chilonis* (Ishii) (Hymenoptera: Trichogrammatidae) under laboratory conditions
15	Muhammad Zubair	Plant Protection	Effect of synthetic insecticides and botanical extract against whitefly, *Bemisia tabaci* (Gennadius) (Hemiptera: Aleyrodidae) in different okra varieties
16	Shahid Yar	Plant	Effect of Gamma Irradiation on the Biological parameters of Cotton Mealybug (*Phenacoccus*

		Protection	*solenopsis*) under Laboratory Conditions
17	Abdur Rahman	Plant Protection	Effect of different diets on the biology of Tomato Fruit borer (*Helicoverpa armigera*) under Laboratory Conditions
18	Sangar Ahmad Khattak	Plant Protection	Efficacy of Various Insecticides and Bio-Control agent (*Trichogramma chilonis*) against Tobacco budworm (*Helicoverpa armigera*) in tobacco crop under field conditions

COURSES TAUGHT

BSC (Hons) courses

PPR-411	Fundamental of Plant Protection
PPR-502	Pest Ecology
PPR-512	Pests of field crops
PPR-514	Identification and Biology of Pests
PPR-602	Pest of fruits vegetables and ornamental crops
PPR-603	Vertebrates pests and their management
PPR-605	Urban pests and their management

MSC Hons courses

PPR-711	Community IPM

PhD courses

PPR-722	Advanced IPM

PPR-730	Advanced Ecology

LANGUAGES

Can read, write and speak Pashto, Urdu and English.

PERSONAL SKILLS

1.) Motivation / Mobilization / Leadership

2.) Teamwork, Independent work.

STRENGTHS

I can adapt quickly to new circumstances and working conditions and am able to work with a team. I like targets and challenges and have the repute to meet them well within time. Apart from my credentials, I am proud to offer honesty and loyalty.

REFERENCES

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