

DR. TOHEED IQBAL

Assistant Professor, Department of Entomology, Office # 64, Plant Science Building,
The University of Agriculture, Peshawar, Khyber Pakhtunkhwa-Pakistan

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Working on insect biodiversity and identification of insects especially order Hymenoptera.

HEC Approved Supervisor (App ID; 88404)

Khyber Pakhtunkhwa Directorate of Science & Technology approved supervisor # 8312

WORK EXPERIENCE

18 SEPTEMBER 2017 – TILL DATE

ASSISTANT PROFESSOR, THE UNIVERSITY OF AGRICULTURE, AMK CAMPUS, MARDAN

Teaching Entomology as main subject with different courses as part of this specialization course.

Conducting research in Entomology, especially insect taxonomy of order Hymenoptera (Chalcididae).

28 MAY 2011 – 17 SEPTEMBER 2017

LECTURER, THE UNIVERSITY OF AGRICULTURE, AMK CAMPUS, MARDAN

Teaching Entomology as main subject with different courses as part of this specialization course.

Conducting research in Entomology, especially insect taxonomy of order Hymenoptera.

Feb 2010-September 2011

RESEARCH AND DEVELOPMENT (R&D) OFFICER, DUPONT CROP PROTECTION (PVT) LTD.

Assessment of various products tested against insect pests and weeds for product registration, label expansion and field trials of new chemistry pesticides/herbicides.

EDUCATION

NOVEMBER 2015

PHD ENTOMOLOGY, THE UNIVERSITY OF AGRICULTURE, PESHAWAR

Completed course work with CGPA of 3.86/4.00. The degree was started in January 2010 and completed in November 2015.

JUNE 2009

MSC (H), THE UNIVERSITY OF AGRICULTURE, PESHAWAR

Completed course work with CGPA of 3.67/4.00. The degree was started in January 2007 and completed in June 2009.

DECEMBER 2006

BSC (H), THE UNIVERSITY OF AGRICULTURE, PESHAWAR

Completed course work with CGPA of 3.62/4.00. The degree was started in January 2003 and completed in December 2006.

SKILLS

- Written and Oral Communication
- Bioinformatics
- Team Leadership
- Project Management
- Taxonomist (Hymenoptera: Chalcididae, Formicidae)
- Research Oriented
- ARC GIS, Helicon Focus

PROFESSIONAL ACTIVITIES

- Participated in Regional Multistakeholder Meeting on Digital Tools for Genetic Diversity of Pollinators held at Chisinau, Republic of Moldova, from 9-11 April, 2025.
- Participated in a workshop on Popularization of Eco-Friendly Insect Pests Control Technologies organized by Nuclear Institute for Food and Agriculture (NIFA), Peshawar on May 9, 2024.
- Guest Speaker of two days International Conference on “Advances in Seed Storage Techniques” held on 25-26 April, 2024 at The University of Agriculture, Peshawar.
- Presented research paper on mealworm in conference entitled “International Conference on Sustainable Agriculture & Food Security on August 27-31, 2023.
- Attended one day training on “PSF (NSLP) concept paper preparation & submission” organized by ORIC, UAP on November 2, 2022.
- Attended one day hands on training workshop on “Molecular diagnostics and bioinformatics on infectious diseases” organized by College of Veterinary Sciences, University of Agriculture, Peshawar Feb 26, 2022.
- Delivered a talk on Honeybees rearing during a training entitled “Non-Timber Forest Products” at Forest College Peshawar on 03-06 October 2017.
- Organized one day training on “Biosafety” at AMKC, Mardan on 11.05.2016.
- Attended national conference “Innovative technologies & sustainable development in Agriculture” organized by The University of Agriculture, Peshawar at Bara Gali during August 19-22, 2014.
- Attended national conference on “Prospects & opportunities for Agriculture Development in Pakistan” organized by University of Haripur on June 25 – 27, 2013.
- Attended 3 days’ workshop on “Field Layout & Statistical Data Analysis Techniques” at NIFA Peshawar on 25 – 27 September 2012.
- Participated in 3 days training on “Ensuring Training Effectiveness” on 4- 6 July 2012 at The University of Agriculture, Peshawar.
- Attended one day training on “Effective Business Writing” on 7th December 2010 at Marriott Hotel, Karachi.
- Participated in “Mega Science Exhibition” organized by Science Society University of Peshawar held on 13 – 14 May 2008.

- Attended 2 weeks training on “Use of nuclear and other techniques in Food and Agricultural Research” from November 03 - 14 November, 2008.
- Attended 3 days’ workshop on “Enhancing Maize, Sunflower and Summer vegetable yield through improved Agricultural Technology”.

RESEARCH AREAS

- Working on honey bee (*Apis mellifera*) biology and health for mass production of honey and other associated products.
- Working on ecological role of pollinators in crop production and crop improvements.
- Engaged in eco-friendly management of various insect pests associated with crops, vegetables and fruits of economic importance.
- Working on “Taxonomic studies of family Formicidae (Hymenoptera) of Khyber Pakhtunkhwa, Pakistan.”
- Working on “Taxonomic studies of family Chalcididae (Chalcidoidea: Hymenoptera)” since 2008.
- Engaged in research project on rearing of Mealworms as an alternate source of protein for broiler chicken.
- Knowledge and Concepts of Agriculture related subjects especially Entomology.
- Knowledge of management of termites and their control.
- Worked in fruit fly control through Integrated Pest Management.
- Practical experience of lab rearing and field release of *Trichogramma* and *Chrysoperla carnea*.
- Knowledge and practical experience of rearing of Silkworm.
- Experience in conducting Farmer Field Schools (FFS).
- Knowledge of identification and classification of insects into different groups and species with the help of available literature.

MSC (HONS.) RESEARCH

- Submitted a comprehensive research thesis on “**Taxonomic study of subfamily Haltichellinae (Chalcididae: Hymenoptera) of Khyber Pakhtunkhwa**” introducing 14 new to Pakistan species under 4 genera.

PH.D RESEARCH

- Completed PhD research with a topic entitled “**Taxonomic study of Chalcididae (Chalcidoidea: Hymenoptera) of Khyber Pakhtunkhwa – Pakistan**” and reported 26 new records to the insect fauna of Khyber Pakhtunkhwa and Pakistan.

RESEARCH GRANTS

- Received funds for PhD studies from “HEC Indigenous Scholarship Program” during session 2010 – 2013 under PIN # 106-1221-AV6-103.
- Received grant under HEC IRSIP scheme for 06 months international research.

INTERNATIONAL VISITS

- Presented case study of Pakistan’s Pollinators at Regional Multistakeholder Meeting on Digital Tools for Genetic Diversity of Pollinators held at Chisinau, Republic of Moldova, from 9-11 April, 2025.
- Attended Department of Entomology and Nematology, University of California, Davis USA for 06 months in research program “International Research Support Initiative Program”, funded for PhD research by Higher Education Commission Pakistan.

RESEARCH PROJECT

- Submitted research proposal to Higher Education Commission entitled “Management of invasive insect pest, Fall Armyworm through genetically modified microorganisms in Khyber Pakhtunkhwa” and is under review.
- Submitted a project proposal to Pakistan Science Foundation in collaboration with National Science Foundation China entitled “Ecosystem conservation and Management of wild bees for sustainable agriculture in Northwest Pakistan”. The project was recently submitted and is under review.
- Concept paper accepted in Pakistan Agriculture Research Council, Agriculture Linkages Program entitled “Molecular Characterization and Risk Factor Analysis of American Foulbrood Disease (AFD) in honeybees and its therapy through plant-based nanoparticles”. Full Length project with an estimated budget cost of Rs. 8.75 million PKR is submitted for final review.

ONLINE COURSES

- Completed online course offered by Coursera entitled “**Bugs-101 Insect Human Interaction**” provided by the University of Alberta on March 16, 2023.

- Completed online course offered by Coursera entitled “**Introduction to GIS Mapping**” provided by the University of Toronto on July 13, 2023.

RESEARCH PUBLICATIONS

1. **Iqbal, T.**, M. Inayatullah, S. Amna and Khan I. A. “Effect of Light and Dark Exposure on The Different Life Parameters of Silkworm”. Sarhad J. Agric. 2008. 24(1): 75-77.
2. Sadozai, A., Q. Zeb, **T. Iqbal**, S. Anwar, H. Badshah, A. Ali and M. Tahir. “Testing The Efficacy of Different Insecticides Against Onion Thrips in Tarnab, Peshawar”. Sarhad J. Agric. 2009. 25(2): 269-271.
3. Khan, G. Z., **Iqbal, T.**, Ahmad. N., Ahmad. M. T., Khan, M. H., Khan, M. S. Efficacy of Different Synthetic and Natural Products against the Outbreak of Mealy Bug (*Maconellicoccus hirsutus*) in Cotton. Sarhad J. Agric. 2012. Vol.28 (4): 567 – 572.
4. Shah, J. A., M. Inayatullah, K. Sohail, S. F. Shah, S. Shah, **T. Iqbal** and M. Usman. “Efficacy of botanical extracts and chemical pesticide against Tomato Fruit Worm, *Helicoverpa armigera* (Lepidoptera: Noctuidae)”. Sarhad J. Agric. 2013. 29 (1): 93-96.
5. **Iqbal, T.**, M. Inayatullah and S. Ahmad. “New Records and a key to the species of Genus *Hockeria* Walker (Hymenoptera: Chalcididae) from Khyber Pakhtunkhwa, Pakistan”. Pakistan J. Zool. 2013. 45(5): 1279-1284. **(I.F. 0.43)**
6. **Iqbal, T.**, and Inayatullah, M. “Two species of genus *Antrocephalus* Kirby (Chalcididae: Chalcidoidea: Hymenoptera): New records for province Khyber Pakhtunkhwa, Pakistan”. Journal of Entomology and Zoology Studies. 2015. 3(1): 295-301.
7. Sohail, K., Khan, I.A., Haq, M. M, U., Usman, M., Shah, S. F., Mahmood, A., **Iqbal, T.** and Din, F. “Insecticidal studies on *Heterotermis indicola* Wasmann (Isoptera: Heterotermitidae) under laboratory conditions”. Journal of Entomology and Zoology Studies. 2015. 3(2): 348-350.
8. Khan, S., Ullah, F., Khan, I., Khan, M. A., Khan, S. Z., Khan, M. A., Khan, I. A. and **Iqbal, T.** “Toxicity of selected insecticides against the zig zag ladybird beetle *Menochilus sexmaculatus*”. Journal of Entomology and Zoology Studies. 2015. 3(3): 143-147.
9. Said, F., Inayatullah, M., Ahmad, S., **Iqbal, T.**, Shah, R.A., Usman, A., Zaman, M., Haq, S. “Foraging behavior of the Himalayan Honeybee, *Apis cerana* (Hymenoptera: Apidae) associated with sunflower (*Helianthus annus* L.) at Peshawar District of Khyber Pakhtunkhwa (KP). Journal of Entomology and Zoology Studies. 2015. 3(3): 203-207.
10. **Iqbal, T.**, Inayatullah, Shahjeer, K., Said, F., Sohail, K., Shah, S.F., Ahmad, B., Kakar, M.Q. Genus *Epitranus* Walker (Chalcididae: Chalcidoidea) with two species, new records for Khyber Pakhtunkhwa, Pakistan. Journal of Entomology and Zoology Studies. 2015. 3(5): 316-320.
11. **Iqbal, T.**, M. Inayatullah and S. Ahmad. A species of genus *Chalcis* Fabricius (Chalcididae: Chalcidoidea) new to the records of Khyber Pakhtunkhwa and Pakistan. Pak. Entomol., 2015; 37(2):111-115.
12. Kakar, M.Q., Shah, A., Ullah, F., Badshah, H., Zada, H., Ahmad, B. and **Iqbal, T.** “Efficacy of *Trichogramma chilonis* in comparison with a seed dresser (Confidor) against Maize stem Borer (*Chilo Partellus* Swinhoe). Pure Appl. Biol. 2016; 5(3): 664-670.
13. Shah, A., Kakar, M. Q., Ullah, A., Papanikolaou N.E., **Iqbal, T.**, Ullah, H. “Functional response of *Coccinella septempunctata* L. (Coleoptera: Coccinellidae) on *Ommatissus lybicus* (Homoptera: Tropiduchidae)”. Pure Appl. Biol. 2016; 5(4): 671-681.

14. Kakar, M.Q., Ullah, F., Ahmad, B., Zada, H., Shah, A., **Iqbal, T.** and Ahmad, S. "Comparison of local fruit flies attractant with imported attractants (Methyl Eugenol & Cue Lure) in guava, peach and bitter gourd orchards in Khyber Pakhtunkhwa". *Pure Appl. Biol.* 2016; 5(4): 695-713.
15. Hussain, S., Ahmad, B., **Iqbal, T.**, Mehmood, N., Khan, A., and Khan, Z. "*In vivo* efficacy of two synthetic insecticides and two bio-extracts against maize stem borer (*Chilo partellus*)". *Journal of Entomology and Zoology Studies.* 2016; 4(6): 550-552.
16. Khan, I., Khan, S.A., Hussain, S., Maula, F., Shah, H. A., **Iqbal, T.** and Khan, A. To study the infestation level and effective chemical control of pomegranate fruit borer (*Virachola isocrates*). *Journal of Entomology and Zoology Studies* 2017; 5(1): 282-284.
17. Khan, M.A., Khan, S., Ahmad, S., Shinwari, I., **Iqbal, T.**, Hassan, M. and Shah, S. F. "Impact of various treatments against brinjal shoot and fruit borer". *Journal of Entomology and Zoology Studies* 2017; 5(4):56-61.
18. **Iqbal, T.**, Ahmad, S., Shah, M., Usman, A., Sohail, K. and Shahjeer, K. "Illustrated key to the genera of family Chalcididae (Hymenoptera: Chalcidoidea) from various ecological zones of Khyber Pakhtunkhwa, Pakistan". *Int. J. Agric. Biol.*, 2018, 20: 1049–1054. **(I.F. 0.746)**
19. Ahmad, B., Saljoqi, A.U.R., Zada, H., Sattar, S., **Iqbal, T.**, Hussain, S. and Saeed, M. "Effect of weather on diamond back moth, *Plutella xylostella* (L.) (Lepidoptera: Plutillidae) in District Haripur". *Sarhad Journal of Agriculture*, 2018; 34(1): 209-214.
20. Fakhruddin, Said, F., Shah, S. F., **Iqbal, T.**, Sabahatullah, M., and Sohail, K. "An illustrated key to the subfamilies of Braconidae (Hymenoptera) in Chitral district of Khyber Pakhtunkhwa, Pakistan". *Journal of Entomology and Zoology Studies*, 2018; 6(2): 878-885.
21. Usman, A., Khan, A., Shah, R. A. and **Iqbal, T.** "Appraisal of Different Tomato Genotypes against *Scirtothrips dorsalis* (Thysanoptera: Thripidae) Infestation with Reference to Morphological Plant Characters". *Sarhad Journal of Agriculture*, 2020; 36(2): 375-382.
22. Shahjeer, K., Rehman, G., **Iqbal, T.**, Muhammad, A., Ahmad, B., Kakar, M.Q., and Khan, G.Z. "Biodiversity of Genus *Camponotus* Mayr (Hymenoptera: Formicidae) from Khyber Pakhtunkhwa, Pakistan". *Mitteilungen Klosterneuburg*, 2021; 71(5): 2-19. **(I.F. 0.545).**
23. Shahjeer, K., Rehman, G., Khan, K., **Iqbal, T.** "Three Species of Genus *Lepisiota* (Hymenoptera: Formicidae) with New Distributional Records from Khyber Pakhtunkhwa, Pakistan". *Sarhad Journal of Agriculture*, 2021; 37(3): 884-892.
24. Sana, K., **Iqbal, T.**, Usman, A., Karishma., Said, F., Khan, I.U., Shahjeer, K. and Khan, G.Z. "Comparative Efficacy of Botanicals, and a Synthetic Insecticide against Sucking Insect Pests of Brinjal." *Annals of Romanian Society for Cell Biology*, 2021; 25(6): 19381-19389. **(I.F. 0.90)**
25. Ali, H., Salahuddin, B., Zada, H., Ali, Asad., Said, F., **Iqbal, T.**, Saleem, Z., Khan, I.U., Shahjeer, K., and Shah, O.U. "Efficacy of different concentrations of Green-Guard (*Metarhizium anisopliae* Var. *Acridum*) against desert Locust (*Schistocerca gregaria*) under lab and field conditions". *Bioscience Research*, 2021; 18(3): 2362-2367. **(I.F. 0.73).**
26. Khalid, M., Khan, I.U., Shah, S.A.A., Qureshi, M.A., Ahmad, B., Khan, R.M., Karim, R., Bari, A., Said, F., **Iqbal, T.**, Nasrullah., and Ali, R. "Estimation of genetic components in clonally propagated sugarcane genotypes for cane yield and related attributes under the agro-ecological conditions of Mardan-Pakistan". *Bioscience Research*, 2021; 18(4): 2923-2935. **(I.F. 0.73).**

27. Rehman, M., **Iqbal, T.**, Shahjeer, K., Ali, H., Iqbal, Q., Soomro, K. B., and Kakar, M. Q. "Management of *Varroa destructor* in honeybees through essential oils". Bioscience Research, 2021. 18(4): 3217-3227. **(I.F. 0.73)**.
28. Nadeem, A., S. Hussain, A. Fareed, M. Fahim, **T. Iqbal**, Z. Ahmad, Saeedullah, R. Karim and A. Akbar. "Genetic variations among the isolates of *Bipolaris Maydis* based on phenotypic and molecular markers". Brazilian Journal of Biology. 2021. 84: e253147. **(I.F. 1.65)**
29. **Iqbal, T.**, Sana, K., Karim, R., Shahjeer, K., Said, F., Nadeem, A., Ahmad, S., and Haq, I. "Eco Friendly Management Of Brinjal Borers Through Indigenous Plant Extracts." NVEO-Natural volatiles & essential oils Journal. 2022. 9(1): 1608-1616. **(I.F. 0.74)**
30. Ghaffar, A., Yasinza, M. I., Iqbal, A., Kakar, M. Q., Shahjeer, K., Khan, B., **Iqbal, T.**, Imran, S., Malik, M. S. "Efficacy of a locally created miticide against the Two-Spotted Spider Mite, *Tetranychus urticae*, infesting Apple cultivars in contrast to Agrifol and Ethion". Mitteilungen Klosterneuburg. 2022. 72(6): 40-53. **(I.F. 0.545)**
31. Naeem, M., Sattar, S., Zia, A., Rehman, A., **Iqbal, T.**, Mehmood, S. A., Ahmed, S., and Shahjeer, K. "Odonata (Dragonflies and Damselflies) naiads in sub-Himalayan foothills of Pakistan". The Journal of Anim. Plant Sci., 2022. 32 (6): 1616-1627. **(I.F. 0.570)**
32. Karishma, A. Usman, I. Khurshid, **T. Iqbal**, K. Sana, H. Gul and M. Abbas. "Evaluation of different biorational pest management approaches for the management red pumpkin beetle (*Aulacophora foveicollis* Lucas) and fruit fly (*Bactocera cucurbitae*) in cucumber crop and their economic analysis". Pak. J. Weed Sci. Res., 2022. 28(2): 124-137.
33. Rehman, G., Sardar, S., Alkhateeb, M.A., Mohamed, R.A.E.H., Galil, F.M.A.A., Hamayun, M., Shahjeer, K., **Iqbal, T.**, Ahmed, N., Nawaz, T., Ullah, R. "Evaluation of Functional and Bioactive Properties of Crude Gill Extract of *Tor putitora* using Different Assays". International Journal of Food Science & Technology. 2022. 57(10), 6459-6470. DOI <https://doi.org/10.1111/ijfs.15961> **(I.F. 3.612)**.
34. Ihsan, A., Hussain, R., Sarwar, J., Ullah, N., **Iqbal, T.**, Mujeeb, A., Ahad, H., Qamar, U., Haq, N. "Manipulation of Synthetic and aqueous herbal extracts for the management of Onion Thrips, *Thrips tabaci* Lind (Thysanoptera: Thripidae). Journal of Xi'an Shiyu University, Natural Science Edition, 2022. 18(9):696-710. **(I.F. 0.38)**.
35. Ullah, I., Usman, A., Akbar, R., Bibi, R., Azad, Rashid., Faheem, B., Akbar, S., Khalid, N., **Iqbal, T.**, Saeed, M., Khan, I. A., Farid, A., Saljoqi, A. U. R., Haq, N. U. "Integrated management of Fruit borer (*Leucinodes orbonalis*) (Pyralidae: Lepidoptera) in spring Brinjal Crop". Journal of Xi'an Shiyu University, Natural Science Edition, 2023. 19(1): 101-118.
36. Riaz, K., **Iqbal, T.**, Khan, S., Usman, A., Al-Ghamdi, M.S., Shami, A., El Hadi Mohamed, R.A., Almadiy, A.A., Al Galil, F.M.A., Alfuhaid, N.A. and Ahmed, N. Growth Optimization and Rearing of Mealworm (*Tenebrio molitor* L.) as a Sustainable Food Source. *Foods*, 2023. 12(9), p.1891. **(I.F. 5.56)**.
37. Iqbal, M. W., **Iqbal, T.**, Irfan, I., Hamad, Q., Khaliq, U., Mujeeb, A., Ahmad, A., and Nabi, E. U. "Developing A Solid Termite Bait Matrix and Conducting Efficacy Trials Under Lab and Semi Field Conditions." SJARR. 2023. 4(03):51-68. DOI. <https://doi.org/10.55966/sjarr.2023.4.3.0071>.
38. Shah, A.A., Usman, A., Khan, S., Khan, F., Ahmed, N., Al-Mekhlafi, F.A., Wadaan, M.A., Malook, S.U., **Iqbal, T.**, Ullah, M. and Sohail, K. Mealworm (*Tenebrio molitor*) rearing and growth optimization as a sustainable food source using various larval diets under

- laboratory conditions. *Entomologia Experimentalis et Applicata*. 2024. 172(9):827-836. <https://doi.org/10.1111/eea.13463> . **(I.F. 1.4)**
39. Zada, B., A. Zia, S.A. Mehmood, A. Rehman, **T. Iqbal**, K. Shahjeer and S. Ahmed. 2024. Discovering uncharted territories: Adding two new records to Aphid Fauna of Pakistan, Unveiled in the Pine Plantations of District Battagram, Khyber Pakhtunkhwa Province. *Sarhad Journal of Agriculture*, 40(4): 1364-1369.
40. Muhammad Inam, Kiran Shahjeer, Ahmed Zia, Gauhar Rehman & Toheed Iqbal (2025): First record of *Anisogomphus caudalis* (Fraser 1926), a data deficient species of Odonata (Anisoptera: Gomphidae) from Pakistan with special reference to species distribution modelling, *Oriental Insects*, DOI: 10.1080/00305316.2025.253183

PUBLISHED BOOK CHAPTERS

1. **Iqbal, T.**, Ahmed, N., Shahjeer, K., Ahmed, S., Al-Mutairi, K.A., Khater, H. F., and Ali, R. F. Botanical Insecticides and their Potential as Anti-Insect/Pests: Are they Successful against Insects and Pests? in Book entitled “Global Decline of Insects”. Intech Open. DOI: <http://dx.doi.org/10.5772/intechopen.100418>.
2. Ahmed, N., Alam, M., Saeed, M., Ullah, H., **Iqbal, T.**, Al-Mutairi, K. A., Shahjeer, K., Ullah, R., Ahmed, S., Ahmed, N. A. A. H., Khater, H. F., and Salman, M. “Botanical Insecticides Are a Non-Toxic Alternative to Conventional Pesticides in the Control of Insects and Pests” in Book entitled “Global Decline of Insects”. Intech Open. DOI: <http://dx.doi.org/10.5772/intechopen.100418>.

PhD STUDENTS Co-SUPERVISED

Student Name	Research Title
Dr. Naveed Ahmad	Taxonomic Study of Sub Family Megachilinae (Megachilidae: Hymenoptera) from Coniferous Forests of Khyber Pakhtunkhwa, Pakistan

PhD STUDENTS UNDER SUPERVISION

Student Name	Research Title
Muhammad Sohail Khan	Taxonomic and molecular identification of Chalcididae (Chalcidoidea: Hymenoptera) from Northern hilly Areas of Khyber Pakhtunkhwa, Pakistan.
Aizaz Ali Shah	Efficacy of different diets on various biological attributes of mealworm under lab conditions at Peshawar.
Muhammad Tayyab Khan	Impact of Climate change on growth and development of Honeybees (<i>Apis mellifera</i>) under different agroecological zones.

MSC (H) STUDENT'S SUPERVISED

Student Name	Thesis Title	Year
Yasir Khan	Taxonomic study of Ants (Formicidae) fauna of District Peshawar, Khyber Pakhtunkhwa, Pakistan	2019
Najm Us Saqib	Field Evaluation of Botanical Extracts and Synthetic Pesticides against Red Spider Mites (<i>Tetranychus urticae</i>) on brinjal	2019
Abul Aala	Taxonomic study of Order Coleoptera from District Charsadda, Khyber Pakhtunkhwa, Pakistan	2021
Tahir Zaman	Insect Pollinators of Cucurbits and their effects on yield at District Peshawar, Khyber Pakhtunkhwa	2021
Kajal Sana	Comparative efficacy of botanicals and a synthetic insecticide against insect pests of brinjal at Shabqadar, District Charsadda.	2021
Sohail Khan	Taxonomic study of Scarabaeidae (Coleoptera) from District Malakand, Khyber Pakhtunkhwa, Pakistan	2021
Khawar Sulaiman	Distribution and Taxonomic identification of Beetles (Coleoptera) collected from District Peshawar.	2021
Mohammad Nawas	Biosystematics studies of Family Carabidae and Scarabaeidae (Coleoptera) from district Mohmand, Khyber Pakhtunkhwa.	2021
Muhammad Ilyas	Host preference of <i>Bactrocera zonata</i> and <i>B. dorsalis</i> to different fruits and vegetables under laboratory conditions	2022
Khalid Mansoor	Evaluating the effect of plant extracts on the biology of mosquito (<i>Aedes albopictus</i> Skuse)	2022
Jawad Bahadur	Comparative efficacy of Botanicals in comparison with insecticide against Aphids (<i>Aphis gossypii</i>) and Fruit borers (<i>Helicoverpa armigera</i>) in Orka (<i>Abelmoschus esculentus</i> L.)	2022
Muhammad Tayyab	Evaluation of Methanolic plant extracts and a synthetic pesticide against major insect pests of Okra	2022
Muhammad Haris	Environmentally safe management of insect pests in citrus nursery at Peshawar	2022
Kanwal Riaz	Assessment of Different Growth Stages of Mealworm (<i>Tenebrio Molitor</i> L.) (Coleoptera: Tenebrionidae) with Different Supplements for Mass Rearing under Lab Conditions	2022
Muhammd Wajeih Iqbal	Development of Solid termite bait matrix; its efficacy trials in lab and semi field conditions	2023
Samiullah	Evaluation of various IGRs in safe management of mosquitoes under lab conditions at NIFA, Peshawar	2023
Hasnain Ali	Evaluation of different plant extracts for ecofriendly management of pests associated with cabbage	2023
Osama Riaz	Phytochemical analysis and efficacy of herbal treatments and a synthetic insecticide against insect pests of tomato in greenhouse.	2023

Faisal Shehzad	Evaluation of different sowing dates and insecticides on aphids and pod borers of pea (<i>Pisum sativum</i>) at Peshawar	2023
Uqab Ahmad	Management of Maize Fall Armyworm through new Chemistries at District Swat	2024
Muhammad Salman	Effect of Ecological factors over species distribution of Odonata in Northern Irrigated plains of Peshawar	2024
Sanyal Khattak	Comparative Efficacy of botanical and synthetic insecticides in field conditions for the management of Cabbage insect pests at District Dadu, Sindh.	2024
Muhammad Abbas Khan	Assessing the comparative efficacy of novel insecticides in fall armyworm.	2024

MSC (H) STUDENTS UNDER SUPERVISION

Student Name	Approved Research Title
Atif Khan	Ecofriendly management of insect pests associated with tobacco crop.
Bilal Khan	Management of red pumpkin beetle through herbal and chemical application in bottle gourd
Muhammad Yasir	Assessing plant based nanoparticles for the management of insect pests in Cauliflower under farmer field condition.
Maaz Ahmad	Evaluation of herbal nanoparticles against insect pests of potato under agroecological conditions of District Mardan.
Muhammad Aqib	Taxonomic studies of sub order Anisoptera (Odonata) from District Mardan, Khyber Pakhtunkhwa
Muhammad Dawood	Evaluation of various ecofriendly baits against termites

REVIEWER OF JOURNALS/THESIS/BOARD OF STUDIES

- Manuscript/research article reviewer of Academia Biology (ISSN 2837-4010).
- Manuscript/research article reviewer of Journal of Innovative Sciences.
- Manuscript/research article reviewer of Journal of Entomology Research, India.
- Manuscript/research article reviewer of Sarhad Journal of Agriculture, Pakistan.
- Manuscript/research article reviewer of Punjab University Journal of Zoology, Pakistan.
- Manuscript/research article reviewer of The Journal of Animal and Plant Sciences (The JAPS), Pakistan.
- Member research review board Department of Zoology, Abdul Wali Khan University Mardan, Pakistan.
- Member research review board Department of Zoology, Sardar Bahadur Khan Women University, Quetta, Baluchistan, Pakistan.
- Member board of study, Department of Zoology, Abdul Wali Khan University, Mardan.
- Member Board of Study, Department of Entomology, University of Rawlakot, AJK, Pakistan.

- Evaluated 50+ M.Phil. research thesis, 02 PhD thesis from departments of different universities and 100+ manuscripts received from various journals.

EXTRA-CURRICULAR ACTIVITIES

- Insect Collection, rearing and release for research and biological control purposes.
- Player of Gymnastic, Cricket, Table Tennis and Volleyball.
- Daily exercise, informative readings, traveling, reading books & newspapers, Sports, Internet Surfing, Social networking etc.

DISTINCTIONS

- Awarded 6 months scholarship for PhD research work at University of California, Davis, USA under HEC funded program, “International Research Support Initiative Program (IRSIP)”.
- Awarded Indigenous scholarship under HEC Scheme “5000 Indigenous PhD Scholarship” for PhD in Entomology, from The University of Agriculture, Peshawar.
- Awarded the responsibility of Teaching Assistant in HEC scheme “Support to Scientific Talent” in the Department of Entomology, The University of Agriculture, Peshawar for a period of one year.
- Awarded the responsibility of Teaching Assistant in National Internship Program in the Department of Entomology, The University of Agriculture, Peshawar for a period of one year.

SOCIAL ACTIVITIES

- Elected member Academic Council of The University of Agriculture, Peshawar during session 2019-2021.
- Elected Joint Secretary Agricultural University Teacher’s Association (AUTA) for session 2014-15.
- Member of Plant Protection Society of Pakistan.
- Member Agri. Anti-Narcotics Society, The University of Agriculture, Peshawar since 2003.
- Remained a member of Blood Donors Society in University during 2003-2009.
- Remained a member of cultural society in University during 2003-2009.
- Remained a member of Farabi Science Club in University during 2003-2009.
- Remained Student Proctor in University during 2003-2009.

LANGUAGES

<i>LANGUAGES</i>	<i>SPEAKING</i>	<i>READING</i>	<i>WRITING</i>
English	Very Good	Very Good	Very Good
Urdu	Very Good	Very Good	Very Good
Pashto	Very Good	Very Good	Very Good
Punjabi	Very Good	Very Good	Very Good

REFERENCES

References could be added upon request.