

CURRICULUM VITAE

Name: DR. ABIDA BUTT
Husband Name: Jawed Shafaat
Present Designation : Associate Professor (20 Years Teaching and research experience)
Academic Qualification: M. Sc. (Zoology), Ph. D. (Zoology)
Field of specialization : Biodiversity and Environmental Biology
Mailing Address : Department of Zoology, University of the Punjab, Lahore
E-mail address abdajawed@yahoo.com

Topic of Ph.D. Thesis: Taxonomy and ecology of wandering spiders affecting citrus and guava orchards and vineyard.

Service Record

Name of Institution served	Capacity in which served	Dates From : To	Basic Scale and last pay drawn	Description of work
Department of Zoology, University of the Punjab, Lahore	Associate professor	29-03- 2011 to date	BS 20	Academic (Teaching and Research)
Department of Zoology, University of the Punjab, Lahore	Assistant professor	iii) 16-06- 2008 to 29-03- 2011 ii) 17-04- 2007 to 16-06-2008 i) 08-11- 2003 to 17-04- 2007	TTS BS 19 BS 18,	Academic (Teaching and Research)
Department of Zoology, Government College University, Lahore	Lecturer	15-07- 2000 to 07-11- 2003	BS 17,	Academic (Teaching and Research)
Centre of Applied Molecular Biology (CAMB) Lahore	Research Officer	22-06- 1996 to 14-07- 2000	BS 17,	Academic (Teaching and Research)

Publications (Total = 40)

S.#	Authors	Complete Name of Journal and Address	Title of the Publication	Vol. No. & Page No.	Year Published	Impact Factor
1	Butt. A. and Beg, M. A.	Pakistan Journal of Zoology,	Biodiversity of cursorial spiders in a guava grove in Faisalabad. Pakistan	28 (4): 345 – 348.	1996	0.404
2	Butt. A. and Beg, M. A.	Pakistan Entomologist	Description of two new species of spiders of the genus <i>Erigone</i> Audouin (Family : Erigonidae) from fruit orchard at Faisalabad, Punjab	18 (1-2): 52-55	1996	HEC Y category
3	Butt. A., Beg, M. A. and Akhtar, M.	Pakistan Journal of Agricultural sciences	Temporal variability in a community of spiders inhabiting the ground surface of citrus orchard	34(17) : 20-21	1997	1.049
4	Malik, K., Butt , A. and Riazzudin, S.	Punjab University Journal of Zoology	Toxicity of <i>Bacillus thuringiensis</i> strains to the cotton aphid, <i>Aphis gossypii</i> (Homoptera : Aphididae) Toxicity of <i>Bacillus thuringiensis</i> strains to the cotton aphid, <i>Aphis gossypii</i> (Homoptera : Aphididae)	13 : 191 -194	1998	HEC X category
5	Butt. A. and Beg, M. A.	Pakistan Journal of Zoology	Some new species of <i>Marpissa</i> (Salticidae) spiders from Pakistan.	32 (1): 75 - 79	2000	0.404
6	Butt. A. and Beg, M. A.	Pakistan Journal of Zoology	Description of two new species of spiders of the families Clubionidae and Oxyopidae from Pakistan	33 (1): 35 - 38	2001	0.404
7	Butt, A., Khaliq, S and Qureshi, S	Biologia Journal	Some spiders of the family Salticidae from the rice fields of sheikhupura	48 (1&2) : 285-290	2002	HEC Z category
8	Butt. A., Beg, M. A. and Khan, A. A.	Pakistan Journal of Zoology	Food habits of the bandicoot rat in the agro-ecosystem of central Punjab (Pakistan).	35 (2): 99 - 104	2003	0.404
9	Butt. A. and Beg, M. A.	Pakistan Journal of Zoology	New species of <i>Zelotus</i> spiders (Araneae: Gnaphosidae) from Pakistan.	36 (4): 307 - 312	2004	0.404

10	Butt. A. and. Beg, M. A.	Punjab University Journal of Zoology	The ground activity of spider community inhabiting vineyard in Faisalabad	13 : 191 -194	2005	HEC X category
11	Butt. A., Anwar, R. and Tahir, M	Pakistan Journal of Zoology	Some new species of family Lycosidae from agricultural fields of Punjab, Pakistan.	38 (3): 185 - 190	2006	0.404
12	Butt. A. and Siraj, A.	Pakistan Journal of Zoology	Some orbweaver spiders from Punjab, Pakistan	38 (3): 215 - 220	2006	0.404
13	Tahir, H. M. and Butt, A.	Current Zoology (formerly ActaZoologicaSinica)	Activities of spiders in rice field of central Punjab, Pakistan	54 (4): 701-71	2008	1.594
14	Tahir, H. M. and Butt, A.	Journal of Pest Science	Predatory potential of three hunting spiders of rice ecosystems	82 (3): 217 - 225	2009	2.644
15	Tahir, H. M. and Butt, A.	Pakistan Journal of Zoology	Effect of different management practices and field margins on the abundance of ground spiders of rice ecosystem.	41 (2): 85 - 93	2009	0.404
16	Tahir, H. M. and Butt, A., Sherawat, S. M	Journal of Arachnology	Foraging strategies and diet composition of two orb web spiders of rice ecosystem	37 (3): 357 - 362	2009	0.624
17	Tahir, H. M., Butt, A. and Khan, S. Y.	Journal of Parasitology and vector Biology.	Response of deltamethrin to <i>Culexquinquefasciatus</i> of Lahore district.	1 : 19 - 24.		International Non Impact Factor Journal
18	Butt, A and Tahir, H.M	Zoological Studies	Resource partitioning among five agrobiont spiders of rice ecosystems	49 : 470-480	2010	2009
19	Tahir, H. M., Butt, A. and Alam, I	Pakistan Journal of Zoology	Relationship of web characteristics and body size measures of <i>Leucauge decorate</i> (Tetragnathidae: Araneae).	42 : 261-265	2010	0.404
20	Tahir, H. M., Butt, A., Mustafa, A., Khan, S. Y. and Bilal, M.	Pakistan Journal of Zoology	Effect of an insecticide, chlorpyrifos on the activity density of wolf spiders (Araneae:Lycosidae) in guava orchard.	42 : 745 - 750	2010	0.404

21	Tahir, H.M., Butt, A., Mukhtar, M.K., Khan, S. Y., Arshad, M, and Ahsan, M. M.	African Journal of Biotechnology	Effect of carbofuron on the diversity and mean abundance of ground spiders	10 (57): 12303-12308	2011	0.573
22	Tahir, H.M., Butt, A., Khan, S. Y., Ahmad, K.R., Arshad, M. and Nawaz, S.	African Journal of Biotechnology	Effects of acetochlor (herbicide) on the survival and avoidance behaviour of spiders	10 (33): 6265-6268	2011	0.573
23	Mustafa, A., Butt, A., Tahir, H.M. and Bilal, M	Pakistan Journal of Zoology	Susceptibility of wolf spider, <i>Lycosa terrestris</i> (Araneae: Lycosidae) to chlorpyrifos	43 (2): 403-405	2011	0.404
24	Tahir, H. M., Butt, A., Naheed, R., Bilal, M. And Alam, I	Pakistan Journal of Zoology	Activity density of spiders inhabiting the citrus field in Lahore.	43(4) : 683 -688	2011	0.404
25	Butt, A and Sherawat, S. M.	ActaagriculturaeScandinavica, Section B- Soil and plant sciences	Effect of different agricultural practices on spiders and their prey population in small wheat fields	62 (4): 374 - 382	2012	0.646
26	Sherawat, S. M., Butt, A and Tahir, H.M.	Pakistan Journal of Zoology	Effect of <i>Brassica</i> Strips on the Population of Aphids and Arthropod Predators in Wheat Ecosystem	44 (1): 173-177	2012	0.404
27	H.M.Tahir, A. Butt, S. Y. Khan, Bhatti, M. F. and Mukhtar, M. K.	Pakistan Journal of Zoology	Effect of tillage practice on the seasonal dynamics of ground spider	44 (3): 884 - 887	2012	0.404
28	Mukhtar, M. K, S. Y. Khan, S. Jabeen, H.M.Tahir, A. Qadir, K. R. Ahmad, A. Butt and M. Arshad.	Pakistan Journal of Zoology	A preliminary checklist of the spider fauna of Sargodha (Punjab), Pakistan	44 (5): 1245 - 1254	2012	0.404

29	H.M.Tahir, A. Butt, Mukhtar, M. K., M. Bilal and S. Y. Khan	Pakistan Journal of Zoology	Coexistence of four orb weaving spiders in the rice ecosystem	44 (6): 1521 - 1528	2012	0.404
30	S. Y. Khan, A. Butt, H.M.Tahir, and S. Shafaat	Asian Journal of Chemistry	Response of <i>Anopheles stephensi</i> in Lahore district, Pakistan	25 (1) : 165-169	2013	0.45
31	Tahir, H.M., Hussain, K., Khan, A.A.; Naseem, S., Malik, H.T, Butt, A., Yaqoo b, R.	Open Journal of Animal Sciences	Susceptibility of <i>Culexquinquefasciatus</i> (Diptera: Culicidae) to malathion in Sargodha district, Pakistan	3, (4)1-4	2013	International Non Impact Factor Journal
32	Sherawat , S. M. and Butt, A	Pakistan Journal of Zoology	Role of Hunting Spiders in Suppression of Wheat Aphid	46 (2): 309 - 315	2014	0.404
33	Khan, S. Y., Tahir, H.M. , Ahsan, M. M., Malik, T. and Butt, A.	Pakistan Journal of Zoology	Estimation of Adult density of <i>Aedes albopictus</i> (Diptera: Culicidae) in Some Hilly Areas of Pakistan	46 (2): 567 - 705	2014	0.404
34	H. M. Tahir, K. Zafa, R. Mishal,A.A .Khan,A. But,I.S.Raza and M. M. Ahsan	World Applied Sciences Journal	Scorpion Venom Peptides for the Management of <i>Bactrocera zonata</i> (Diptera: Tephritidae)	32 (2): 322-324	2014	0.23
35	Xaaceph, M and Butt, A.	Punjab University Journal of Zoology	Functional response of <i>Neosconatheisi</i> (Araneae: Aranidae) against <i>Sogatellafurcifera</i> (brown plant hopper)	29(2); 77-88	2014	HEC X category
36	H. M. Tahir, K. Zafar, R. Mishal, S. Naseem, A. Butt, R. Yaqoob, M. M. Ahsan and M. Arshad	Pakistan Journal of Zoology	Potential use of venom of <i>Odontobuthusodonturus</i> (Arachnida: Buthidae) as bio-pesticide against <i>Rhopalosiphumerysimi</i> (Homoptera: Aphididae)	47(1): 37-40	2015	0.331
37	Butt, A. and Xaaceph, M.	Pakistan Journal of Zoology	Functional Response of <i>Oxyopesjavanus</i> (Araneidae : Oxyopidae) to <i>Sogatellafurcifera</i> (Hemiptera: Delphacidae) in laboratory and mesocosm	47(1): 89-95	2015	0.404
38	Sherawat , S. M., Butt, A. and Tahir H. M.	Pakistan Journal of Zoology	Effects of pesticides on agrobiont spiders in laboratory and field	47(4): 1089-1095	2015	0.404

39	H. M. Tahir, Mehwish, N. Kanwal, A. Butt, S. Y. Khan and A. Yaqub	Mitochondrial DNA	Genetic diversity in cytochrome c oxidase I gene of <i>Anopheles</i> mosquitoes	1-4	2015	1.209
40	H. M. Tahir, S. Naseem, S. Akhtar, M. Ashfaq, A. Butt and M. K. Mukhtar	Pakistan Journal of Zoology	DNA barcode record of some common spiders from Punjab, Pakistan.	48(1): 159-164	2016	0.404

RESEARCH PROJECTS / Grants(Toatal =20; completed =14; In progress = 4)

Sr. No.	Projects Title	Principal / Co-Principal Investigator	Amount (Million RS)	Sponsoring Agency	Duration	Status
1	Spatio temporal activity of agrobiontlycosid spiders in flooded rice fields of central Punjab.	Dr. Abida Butt (PI)	0.12	PU, Lahore	2005	completed
2	Effects of organophosphate on detoxification enzymes of wolf spiders residing in agricultural fields of Pakistan.	Dr. Abida Butt(PI)	0.1	PU, Lahore	2008 - 2009	completed
3	Effect of organophorous and pyrathroid insecticides on survival, fecundity and development of agrobiontlycosid spiders (Araneae: Lycosidae)	Dr. Abida Butt(PI)	0.1	PU, Lahore	2009 - 2010	completed
4	Effects of diet quality on detoxification enzymes activity of wolf spiders, <i>Lycosa terrestris</i> exposed Topyrethroidinsecticides.	Dr. Abida Butt(PI)	0.125	PU, Lahore	2010 - 2011	completed
5	Effect of alternative prey and habitat structure on cannibalism in <i>Lycosa terrestris</i> (Araneae, Lycosidae)	Dr. Abida Butt(PI)	0.2	PU, Lahore	2011 - 2012	completed

6	Effects of agricultural practices and refugia on pest control potential of spider residing rice fields of Punjab, Pakistan	Dr. Abida Butt(PI)	1.7	Pakistan Science Foundation	2009 to 2012	completed
7	Effect of imidacloprid on the survival and detoxifying enzymes of lycosid spiders.	Dr. Abida Butt(PI)	0.2	PU, Lahore	2012-2013	completed
8	Effects of the metals chromium and copper on the metabolism of <i>Pardosa oakleyi</i> (Araneae: Lycosidae)	Dr. Abida Butt(PI)	0.2	PU, Lahore	2013-2014	completed
9	Biodiversity of spider fauna in salt range of Pakistan	Dr. Abida Butt (PI)and NusratMajeed	0.05	WWF	2014-2015	completed
10	Biomonitoring of Soan river using insect as water quality indicator.	Dr. Abida Butt(PI) and Muhammad Xaceph	0.05	WWF	2014-2015	completed
11	Toxicity of fresh and aged residues of some insecticides used in cotton on foliage spider, <i>Oxyopesjavanus</i> (Araneae: Oxyopidae)	Dr. Abida Butt(PI)	0.2	PU, Lahore	2014-2015	completed
12	Assessment of toxicity, accumulation and transfer of heavy metals (Cd and Zn) in tritrophic pathway of agroecosystem: a template for ecological risk assessment	Dr. Abida Butt		Higher Education Commission, Pakistan	2016-2019	In Progress
13	Accumulation of heavy metals along soil –plant-arthropods food chain : A field study	Dr. Abida Butt	0.2 million	PU, Lahore	2015-2016	In Progress

Special Funds / Grants

Sr. No.	Projects Title	Amount (Million RS)	Sponsoring Agency	Duration	Status
14	Fund for lab development	0.3	PU, Lahore	2010	completed
15	Fund for lab development	1.4	PU, Lahore	2013	completed
16	Fund for lab development	0.91	PU, Lahore	2014-2015	completed

Projects of Ph.D. Students Funded by HEC

Sr. No.	Projects Title	Principal / Co-Principal Investigator	Amount (Million RS)	Sponsoring Agency	Duration	Status
17	Effects of Imidacloprid on reproductive biology, physiology and behavior of orb webspider, <i>Neosconatheisi</i> (Araneae: Araneidae)	Dr. Abida Butt and SumeraAkram	1.03	Higher Education Commission, Pakistan (PIN: 106-1489-BM6-107)	2010	In Progress
18	Effect of insecticide Spiromesifen and Thiamethoxam on binomics of <i>Oxyopesjavanus</i> (Aranea: Araneidae)	Dr. Abida Butt and HinaNazli	1.26	Higher Education Commission, Pakistan (PIN: 2BM1-263)	2012	In Progress
19	Role of ecological factors on web parameters of <i>Tetragnathajavana</i> (Araneae: Tetragnathidae)	Dr. Abida Butt and Muhammad Adnan Ali	1.26	Higher Education Commission, Pakistan (PIN: 2BM1-339)	2012	In Progress
20	Taxonomic study and DNA barcode reference Library for salticids from Pakistan	Dr. Abida Butt and NusratMajeed		Higher Education Commission, Pakistan (PIN: IRSIP 31 BMS 29)	2016-2017	In Progress

RESEARCH SUPERVISION

Ph. D.

Completed

1. Hafiz Muhammad Tahir(2004 - 2009). Biodiversity and predatory efficacy of spiders inhabiting the rice fields of Central Punjab, Pakistan
2. Sher Muhammad Sherawat (2006 - 2014). Biodiversity and functional role of spiders (Araneae) in wheat agroecosystem of Punjab, Pakistan.

Ongoing

3. Imtiaz Alam (2007 - 2013). Effects of biotic and abiotic factors on the web design of *Neosconatheisi* (Araneae :Araneidae) . **Thesis submitted.**(Supervisor)
4. Sumera Akram (2009). Effects of Imidacloprid on reproductive biology, physiology and behavior of orb web spider, *Neosconatheisi* (Araneae: Araneidae). (Supervisor)
5. Muhammad Adnan Ali (10 – 10-2011). Role of ecological factors on web parameters of *Tetragnathajavana* (Araneae: Tetragnathidae) (Supervisor)
6. Hina Nazli (06-08- 2012). Effect of insecticide Spiromesifen and Thiamethoxam on binomics of *Oxyopes javanus* (Aranea: Araneidae) (Supervisor)
7. Nusrat Majeed (06-08- 2012). Taxonomic studies and DNA barcode reference library for salticids from Pakistan(Supervisor)
8. Nida Aziz(20-10-2013). Effect of heavy metals (Cu and Pb) on biology of ground spiders (Lycosidae: Araneae) (Supervisor)
9. Pir Asmat Ali (2013). Biodiversity and molecular characterization of spider fauna inkhyber Pakhtunkhawa, Pakistan (Cosupervisor)

M.S. / M.Phil(Completed = 17)

1. Imtiaz Alam (2000-2002). Biodiversity of spider species with seasonal fluctuations in the rice fields of south eastern suburb areas of Lahore. (G.C.U. Lahore)
2. Hafiz Muhammad Tahir (2001-2003). Variation in pattern of esterases among different populations of *Culexquinquifaciatus*. (G.C.U. Lahore)

3. Shaffat Yar Khan (2001-2003). Variation in pattern of esterases among different populations of *Anopheles stephensi*. (G.C.U. Lahore).
4. Rahila Yasmeen (2006-2008). Effect of food and habitat size on intraguild predation in spiders. (P. U. Lahore).
5. Ata Mustafa (2006 – 2008) Effect of insecticides on community of spiders inhabiting the floor of guava orchards. (P. U. Lahore)
6. Tayyaba Ibrahim (2006-2008). Post sprayed effects of thiodan and lambda cyhalothrin on susceptibility, repellence efficiency and locomotive behaviour of lycosid spiders. (P.U. Lahore)
7. Sumera Akram (2007-2009). Effect of some insecticides on detoxifying enzymes in *Oxyopes javanus* (Araneae: Oxyopidae) (P. U. Lahore)
8. Farhat Ghafoor (2008-2010). Intraguild predation between *Lycosa terrestris* (Lycosidae: Araneae) and *Coccinellaseptumpunctata* (Coccinellidae: Coleoptera).
9. Sundas Naseer (2008 – 2010). Intraguild predation between *Oxyopes javanus* (Oxyopidae: Araneidae) and *Lycosa terrestris* (Lycosidae : Araneidae)
10. Rabia Naz (2009 – 2011). Relationship between body size and web measurements of *Argiope trifasciata* (Araneae: Araneidae).
11. Rida Sohail (2010-2012). Effect of microhabitat on diversity and density of spiders in rice ecosystem.
12. Kumayl Hassan (2010-2012). Impact of pesticide treatment on spider community of rice ecosystem of Punjab, Pakistan.
13. Huma Mehmood (2011-2013). Functional response of *Oxyopes javanus* against wheat aphid.
14. Nida Aziz (2011-2013). Effect of heavy metal on detoxifying enzymes of spiders.
15. Muhammad Faizan Naem (2012-2014). Effect of heavy metals (Cu and Cd) on detoxifying enzymes of frog *Haplo batrachus tigrinus*.
16. Muhammad Farhan Jalil (2013-2015). Role of Cd and Cr in haematological and hisyological changes of grass carp.
17. Talha Farooq (2013-2015). Evaluation of biochemical markers in grass carp (*Ctenopharyngodon idella*) to assess the effect of accumulated cadmium

B. S (Completed = 16)

1. Salma Kanwal (2001-2005). Spiders of family Araneidae from Lahore. (P.U. Lahore)
2. Saima Naz (2001-2005). Spiders of family Thomisidae from Lahore. (P.U. Lahore)

3. Saira Iqbal (2001-2005). Collection of spiders from citrus orchard of Sargodha. (P.U. Lahore)
4. Hira Amjad (2002-2006). Effect of landscape on spider populations. (P.U. Lahore)
5. Imtiaz Ahmed (2002-2006). Analysis of gut contents of spiders by molecular techniques. (P.U. Lahore)
6. Kiran Sujah (2004A – 2008) Effect of age and nutrient level on survival of *Pardosa akleyi* exposed to insecticides.
7. Haffiza Mahreen (2004A – 2008). Impact of deltamethrin and thiodan on susceptibility of *Lycosa terrestris*.
8. Syeda Anam Qamar (2004B-2008). Post sprayed effect of cypermethrin and rizilan on survival and behaviour of lycosid spiders.
9. Huma Naeem (2005-2009). The applicability of acetylcholinesterase and Glutathion S-transferase *Lycosa terrestris* (Araneae: Lycosidae) toxicity test.
10. Muhammad Bilal (2006-2010). Effects of different diets on pyrethroid degrading enzymes of *Lycosa terrestris*.
11. Khadija Awan (2007-2011). Effect of nutritional status and habitat diversification on intraguild predation in spiders: *Lycosa terrestris* and *Oxyopes javanus*.
12. Sobia Alyas (2008-2012). Effect of insecticide on the functional response of *Oxyopes javanus* against aphids.
13. Muhammad Xaaceph (2009-2013). Predatory efficacy of *Oxyopes javanus* and *Neoscona theisi* against brown planthopper.
14. Shagufta Naz (2010-2014). Functional response of *Oxyopes Javanus* to different species of wheat aphid in semifield condition
15. Rabia Talib (2011-2015). Effect of insecticides on predatory potential of *Oxyopes javanus* in mesocosm.
16. Kiran Abdul Sattar (2011-2015). Effect of insecticides on cannibalistic behavior of *Oxyopes javanus* in semifield condition.

M. Sc.(Completed = 20)

1. Sehr Nazir (1999-2001). Studies of spider fauna (family Araneidae and Oxyopidae) of rice fields of central Punjab, Pakistan. (G.C.U. Lahore)
2. Zobia Akram (2000-2002). Evaluation of mosquitocidal activity of some *Bacillus thuringiensis* strains isolated from the soil of Gujranwala. (G.C.U. Lahore)

3. Nousheen Arshad (2000-2002). Studies of the spider fauna residing the floor of rice fields around Lahore. (G.C.U. Lahore)
4. Novin Asad (2001-2003). The studies of biodiversity of spiders present on rice plants in the suburbs of Lahore. (G.C.U. Lahore)
5. Sobia Zaman (2001-2003). Characterization and efficacy of mosquitocidal *Bacillus thuringiensis* strains isolated from the soil of Gujranwala. (G.C.U. Lahore)
6. Ramiza Anwar (2003-2005). Systematics of spiders of Lycosidae and Salticidae families from Punjab, Pakistan. (P.U. Lahore)
7. Ayesha Siraj (2003-2005). Taxonomic studies of spider's families Araneidae, Oxyopidae, Thomisidae and Hersiliidae from Lahore. (P.U. Lahore).
8. Asifa Tufail (2004-2006). Laboratory studies on the effects of some insecticides on the spiders inhabiting rice fields of Punjab, Pakistan. (P.U. Lahore)
9. Rukshanda Naheed (2004-2006). A comparison of the diversity and composition of ground active spiders inhabiting closely associated and structurally different areas. (P.U. Lahore)
10. Uzma Siddiqui (2004-2006). Taxonomic studies of families Lycosidae, Araneidae, Gnaphosidae and Salticidae from Lahore, Pakistan. (P.U. Lahore)
11. Hajra Khatoon (2005-2007) Toxic effects of Lorsban and emamectin on *Pardosa oakleyi* (Araneae: Lycosidae)
12. Sadaf Chaudhry (2005-2007). Susceptibility of *Lycosaterrestris* (Araneae: Lycosidae) to insecticides: lorsban and emamectin.
13. Tayyaba Munir(2006-2008). Mortality and repellence behaviour of lycosid spiders owing applications of acetochlor and chlorpyrifos.
14. Shabnum Andleeb (2007-2009). Effects of organophosphate insecticides on detoxification enzymes of wolf spider (*Lycosa terrestris*).
15. Muqadas Tariq (2008-2010). Effects of different diets on organophosphate degrading enzymes of *Lycosa terrestris*.
16. Nida Saleem (2009 – 2011). Effect of nutritional status and habitat diversification on intraspecific predation in spiders: *Lycosa terrestris* and *Oxyopes javanus*.
17. Sehrish Javed (2010-12). Effect of imidacloprid on the survival and detoxifying enzymes of lycosid spider.
18. Irum Shehzadi (2011-2013). Effect of heavy metal pollution on the detoxifying enzymes of lycosis spider.
19. Muqadas Mursaleen (2012-2014). Effect of insecticide on functional response and interspecific interaction of *Oxyopes javanus*.

20. Sara Zafar (2013-2015). Direct and residual toxicity of some insecticides against *Oxyopes javanus*

CONFERENCES, SEMINARS, WORKSHOPS

Workshop /Training

1. Intel Tech to Future Programme. Government College University, Lahore. May 6 – 22, 2002.
2. Sixth HRDC National Faculty Development Program. Human Resource Development Centre, University of the Punjab, Quaid-e- Azam Campus, Lahore. September 6 – 10, 2004.
3. Training course on “Awareness workshop for familiarization of teachers on farmer field school approach and training of facilitators”. From February 7 – 9, 2005. Pakistan Agricultural research council, National IPM programme, NARC, Islamabad.
4. “Staff Development Course” under the scheme National Academy of Higher Education, Held from May 9 to June 4, 2005 at Human Resources Development Centre, University of the Punjab, Lahore.
5. Training workshop for natural Photography and GIS. University of veterinary and animal sciences, Lahore (January 31, 2008).
6. Workshop on “ Species distribution modeling technique” April 10-14, 2012 at University of Agriculture, Faisalabad.
7. “ Indigenous on – campus training programme for management team”. Organised by University of the Punjab and HEC. 17 -21 November, 2014.
8. Workshop on “ Use of bioinformatics in high throughput sequencing, genomics, proteomics and transcriptomics”. Organised by National institute of biotechnology and genetic engineering, Faisalabad. 31 March, 2015.
9. Workshop on “Fund winning opportunities”. Organised by university of the Punjab and Pakistan Science Foundation, March 2-3, 2016.

Conferences/ Workshops conducted

1. Organizer 1st National conference of Biology organized by Biology department, Government College University, Lahore. March, 2002.
2. Co-chairperson, session of Entomology, Protozoology and Environmental biology. 1st National conference of biology, Biology block, G. C. U. Lahore, 2002.
3. Co-chairperson, session of Entomology, Protozoology and Environmental biology. 2nd National conference of biology, Biology block, G. C. U. Lahore, April 22-24, 2004.

4. Organizer, 26th Pakistan Congress of Zoology, University of the Punjab, Lahore, April 4 - 6, 2006
5. Co-chairperson, session II Pest and Pest Control. 26th Pakistan Congress of Zoology, University of the Punjab, Lahore, April 4 -6, 2006
6. Co-chairperson, session I Pest and Pest Control.28th Pakistan Congress of Zoology (International), G C University, Faisalabad (March18 - 20, 2008).
7. Co-chairperson, session Pest and Pest Control. 30th Pakistan Congress of Zoology, University of Agriculture,Faisalabad, March 2- 4 , 2010.
8. Co-chairperson, session I Pest and Pest Control 31st Pakistan congress of Zoology (International) April 19-21, 2011.
9. Co-chairperson, session I Pest and Pest Control, 32st Pakistan congress of Zoology (International),(2012). G.C. University, Lahore. Attended and paper presented
10. Organized “Honey bee training course and workshop” March 12-16, 2012 at Department of Zoology, University of the Punjab, Lahore
11. Co-chairperson, session Pest and Pest Control, 33rd Pakistan congress of Zoology (International),Islamabad.(2013). Attended and paper presented
12. Organizer “Honey bee training course and workshop” March 11-15, 2013 at Department of Zoology, University of the Punjab, Lahore
13. Organizer “Honey bee training course and workshop” March 17 -21, 2014 at Department of Zoology, University of the Punjab, Lahore
14. Organizer “Honey bee training course and workshop” March 9-13, 2015 at Department of Zoology, University of the Punjab, Lahore
15. Organizer “Honey bee training course and workshop” March 14-18, 2016 at Department of Zoology, University of the Punjab, Lahore

Conferences Attended/Participated

International level

1. Tahir, H. M. and Butt, A. (2008). Predatory efficacy of three hunting spiders of rice field at 24th European Congress of Arachnology at Bern, Switzerland in August 2008.
2. Tahir, H. M. and Butt, A. (2009). Resource partitioning among five agrobiont spiders of rice ecosystems in 25th ECA. In Greece from 16-22 August, 2009.
3. Tahir, H. M., Butt, A. and Alam, A (2010). Can competing orb web spiders co-exist in the same habitat (Araneae: Tetragnathidae). Oral presentation in 18th International congress of Arachnology being held from 11August to 17th August in Poland

4. Tahir, H. M. and Butt, A., Sherawat, S. M. 2011. Biodiversity of spiders in wheat ecosystems. Oral presentation in BioSystematics Berlin Germany 2011. 21-27 February 2011
5. Tahir, H.M., Abida Butt. A, Khan, S.Y., Ahmad, K.S., Arshad, M and Nawaz, S. Effects of Acetochlor on the survival and avoidance behaviour of spiders. Oral presentation in ASSAB conference Adelaide, Australia. 11-13 April 2011.
6. A. Butt and N. Aziz. Effect of heavy metal accumulation on the activity of detoxifying enzymes in the wolf spider *Pardosa oakleyi*. Oral presentation in 29th European congress of Arachnology, Brno, Czech Republic, 24-28 August, 2015.

National level

1. International Symposium-workshop on Genomics and Computational Analysis organized by the National Centre of Excellence in Molecular Biology, Lahore, Pakistan.(Oct. 16-18, 1997)
2. Fifth International Symposium on the Application of Molecular Biological Research in Agriculture, Health and Environment held at the National Centre of Excellence in Molecular Biology, Lahore, Pakistan.(Oct. 14-15, 1997).
3. Third Biennial conference of Pakistan Society for Microbiology organized by Departmental of Microbiology, University of Karachi in collaboration with National Centre of Excellence in Molecular Biology, University of the Punjab, held in Lahore. (March 28-30, 2000).
4. 1st National conference of Biology organized by Biology department, Government College University, Lahore. March, 2002.
5. 2nd National conference of Biology organized by Biology department, Government College University, Lahore. April 22-24, 2004.
6. 26th Pakistan Congress of Zoology (International), University of the Punjab, Lahore, April 4-6, 2006
7. International conference of Education for wildlife sustainability. University of veterinary and animal sciences, Lahore, January 30, 2008.
8. 28th Pakistan Congress of Zoology (International), G C University, Faisalabad (March 18 - 20, 2008).
9. International conference on sustainable approaches for pest and vector control management in Pakistan. February 21-22, 2011. Organized By Department of Zoology, Lahore College for Women University Lahore & WWF, Pakistan.
10. 30th Pakistan Congress of Zoology, University of Agriculture, Faisalabad, March 2- 4 , 2010. Attended and paper presented

11. 31st Pakistan congress of Zoology (International) April 19-21, 2011. University of Azad Jammu and Kashmir, Muzaffarabad.
12. One day symposium on “DNA Barcoding: A promising tool for species identification and biodiversity digitization”. 30-01-2012 at NIAB, faisalabad
13. 32st Pakistan congress of Zoology (International), G.C. University, Lahore. Attended and paper presented
14. Workshop on “ Species distribution modeling technique” April 10-14, 2012 at university of Agriculture, Zoology.
15. One day seminar on World Forest day. Organised by Punjab Forest department, March 21, 2013.
16. 33 Pakistan congress of Zoology (International), Organised by PSF and Pakistan museum of Natural History, Islamabad (2-4 April 2013)
17. 34th Pakistan congress of Zoology (International), Bahauddin Zakariya University, Multan (Feb. 25-27, 2014).
18. 35th Pakistan congress of Zoology (International), Centre of Excellence in Marine biology, Karachi University (March 1-4, 2015).
19. 5th International Fisheries symposium. Organised by Department of fisheries Punjab, 24-25 Feb. 2015.

Honors and Awards

- First position in Master of Science
- Fauji foundation Merit scholarship on First position in M.Sc.
- HEC approved Ph.D. supervisor
- Travel grant from HEC to present paper in 29th European congress of Arachnology
- Incentive awards in 2011, 2012, 2014
- Performance evaluation awards in 2006, 2007, 2008, 2011, 2012, 2013, 2014, 2015
- Advance increment at joining of Assistant professor on BPS and TTS
- Co-Chair sessions in Pakistan congress of Zoology

COLLABORATIONS WITH OTHER RESEARCH ORGANIZATIONS

1. Bonn University, Germany
2. W.W.F. Pakistan
3. Pakistan Science Foundation
4. Higher Education Commission, Islamabad

5. University of Veterinary and Animal Sciences, Lahore
6. Sargodha University, Sargodha
7. Islamia College, Peshawer

AFFILIATIONS WITH OTHER ACADEMIC ORGANIZATIONS

- Fellow, International Society of Arachnology
- Correspondent of International Society of Arachnology in Pakistan from 2004.
- Life fellow, Zoological Society of Pakistan
- Fellow of Biological society of Pakistan

ADVISORY/ADMINISTRATIVE/ COMMUNITY SERVICES RENDERED

Punjab University

1. Coordinator for M. S. /M.Phil program from 2012 to 2015
2. Member faculty board of studies, faculty of Life sciences
3. Member board of studies, department of zoology
4. Member of Dengue research group
5. Member of committee for Dengue awareness campaign
6. Member editorial committee of Punjab University Journal of Zoology
7. Incharge of the Department store from 2008 till now.
8. Member of purchase committee from 2008 till now.
9. Member of B. S., M.Sc. , MS/M.Phil. and Ph.D. admission committees
10. Member of committee regarding grant of advance / Annual increment to the faculty members working under tenure track system from 2011 till now.
11. Member of the committee to revise B.Sc. pass course curriculum for affiliated colleges
12. Member of sport committee, department of Zoology
13. Member of scholarship disbursement committee
14. Honey Bee Management committee
15. Member, Board of Examiners, M.Sc. Zoology

Other Organizations

1. Member board of studies of Inter-Disciplinary courses of GC University, Lahore
2. Member Advisory Board of Turkish Journal of Arachnology
3. Project reviewer of HEC
4. Reviewer of Pakistan Journal of Zoology (IF = 0.404)
5. Reviewer of Journal of Agriculture sciences (IF = 1.045)
6. Examiner of University of Veterinary and Animal Sciences, Lahore

7. Examiner of University of Agriculture, Faisalabad
8. Examiner of Sargodha University
9. Examiner BahauddinZakariya University, Multan

Community

Training was provided to the formers on the importance of spider in the agricultural crops under the concept of Farmer Field School in 10 villages during two years. In each village five day activity was performed in which farmer also take part along with Facilitators. For this training fund was provided by PSF in the Project No. PU/ Bio-410.