

# CURRICULUM VITAE

## Dr. SHAFIQUE AHMED MEMON

PhD (Entomology)  
Associate Professor, Department of Entomology,  
Sindh Agriculture University Tandojam  
Cell# +923433979208  
E-mail: [ahmedshafique89@yahoo.com](mailto:ahmedshafique89@yahoo.com)  
[shafiquememon@sau.edu.pk](mailto:shafiquememon@sau.edu.pk)



## ACADEMIC INFORMATION

Educational Institutions attended	From	To	Degree obtained	Standard attained (Grade/Division/Class)
University Putra Malaysia (UPM)	2013	2016	Ph.D (Entomology)	3.923CGPA
Sindh Agriculture University Tandojam, Pakistan.	2005	2007	M.Sc (Hons) (Entomology)	3.97 CGPA
Sindh Agriculture University Tandojam, Pakistan.	2000	2004	B.Sc (Hons) (Entomology)	1 <sup>st</sup> Division
B.I.S.E Sukkur, Pakistan.	1997	1999	Intermediate	B- Grade
B.I.S.E Sukkur, Pakistan.	-	1997	Matriculation	B- Grade

## AWARDS/HONOURS/ APPRECIATIONS/ ACHIEVEMENT

- **Certificate of reviewing** awarded on 08 Feb, 2019 in recognition of the review made for the journal
  - **Certificate of Membership** as member of “Entomological Society of Sindh” from March 2021 to February 2022
  - **Certificate of Participation** in recognition to actively participation in “Two-Day Training of Presiding Officers and Sr. Assistant Presiding Officers- GE 2018” Organized by the Election Commission of Pakistan and United Nations Development Program from 29<sup>th</sup> – 30<sup>th</sup> June, 2018
  - **Certificate of Participation** in recognition of participation in “PROJECT FORMULATION WORKSHOP” Organized by Pakistan Science Foundation Islamabad
  - **Certificate of Participation** in recognition of actively participation as resource person in one day workshop on “KITCHEN GARDENING” Jointly organize by Department of Horticulture & Agriculture Department Govt. of Balochistan
  - **Certificate of Participation** in recognition of participation in “7<sup>th</sup> National AGRI TOURISM CONFERENCE” organized by Agri-Tourism Development Corporation of Pakistan
  - **Certificate of Participation** in recognition of participation as “Poster Presenter” in 2<sup>nd</sup> Invention to Innovation Summit held on 25-26 April 2017 – University of Baluchistan, Quetta
  - **English Proficiency Certificate**
  - **Certification of Participation** in supporting course of Rural Sociology held at Department of Rural Sociology, Faculty of Agricultural Social Sciences, Sindh Agriculture University of Tando Jam
  - **Certificate of Participation** in recognition of attending 03-days cascading workshop on “ENSURING TRAINING EFFECTIVENESS” held on January 05-07, 2012 jointly organized by HEC & LUAWMS

- **Certificate of Participation** in recognition of attending Training Workshop on “**Teaching and Assessment at Higher Education**” Organized by Learning Innovation Division, HEC held at LUAWMS on January 26-27, 2012
- **Certificate in Information Technology (CIT)** awarded by Sindh Board of Technical Education Karachi
- **Certificate of Participation** in recognition of successfully completing the training program, Organized by “Sindh Agricultural and Forestry Workers Coordinating Organization (Safwco)” On February 26-27, 2008, at HID Center, Hyderabad
- **Certificate of Participation** in recognition of successfully completing the On-farm training program, Organized by “Honeybee Research Institute NARC, PARC, Islamabad” from March 10, 2010 to April 5, 2010
- **Certificate of Professional Development** In recognition of having attended “Professional Competency Enhancement Program for Teachers (PCEPT)” organized by HEC at LUAWMS from December 28 to January 21, 2011
- **Certificate of Participation** in recognition of participation in training workshop on Integrated Disease Management at Agriculture Research Institute Tandojam on 13 & 15 August, 2007
- **Certificate of Participation** in recognition of participation in training workshop on “Understanding Plagiarism, HEC Plagiarism Policy and Use of TURNITIN” Organized by QEC at Main Campus LUAWMS, Uthal from 13-14 September, 2018
- **Certificate of Achievement** for having successfully graduated on time in 2016
- **Certificate of Participation** in recognition of participation as “**ORAL PRESENTER**” in International Agriculture Congress 2014 held at Pullman Putrajaya Lakeside, Putrajaya MALAYSIA on November 25-27, 2014
- **Certificate of Participation** in recognition of participation in **25<sup>th</sup> Tree Planting Ceremony 2016** organized by Putra Sarjana School of Graduate Studies held on 19<sup>th</sup> March, 2016 at Universiti Putra Malaysia
- **Certificate of Participation** in recognition of effectively participation and contribution at the “Stakeholders Dialogue” on the “Framework for Economic Growth of Pakistan” Organized by LUAWMS on 24<sup>th</sup> September 2011.
- **Certificate of Achievement** for successfully completion of 2-day training on “*Verification Survey for the Project Promoting Low-Cost Private Schooling in Rural Sindh*” from 4-5 February, 2009
- **Certificate of Participation** for attending one day Seminar on “Area Wide Management of Insect Pests of Major Crops” Organized by Nuclear Institute of Agriculture, Tando Jam on May 23, 2017.
- **Certificate of Participation** for attending the one day Seminar on “Area Wide Management of Insect Pests of Major Crops with Special Reference to Bio-control Technology” Organized by Nuclear Institute of Agriculture, Tando Jam on September 25, 2024.

## SERVICE EXPERIENCE

S#	Position	Name of Institute	Duration
1.	Associate Professor (BPS-20)	SSU Tandojam	December, 2017 to date
2.	Lecturer (BPS-18)	LUAWMS, Uthal, Balochistan	July, 2009 to Dec, 2017
3.	Program Officer	Sindh Rural Support Program	Feb, 2008 to 15 <sup>th</sup> Jan, 2009
4.	Research Associate	TTI, Tandojam	Jan, 2004 to June 30 <sup>th</sup> , 2004
5.	Research Fellow, Faculty of Crop Protection, SAU Tandojam		
6.	House Job Research Fellow	Agriculture Research Institute Tandojam	March-September, 2007

## RESPONSIBILITIES/ NOMINATIONS

- Notified as **Chairman** of Department of Entomology, Faculty of Agriculture, LUAWMS
- Notified as Focal Person of “Prime Minister Youth Laptop Scheme (PMYLS) Phase-III

- Nominated as “**Subject Expert**” as part of (NAEAC) for evaluation of Sindh Agriculture University sub-campus Umerkot Tandojam
- Notified as Member of Technical Inspection Committee for the inspection of lab equipment of Agriculture department of Wadh campus.
- Notified as Assessment Team Member for evaluation of Self-Assessment Reports 2022-2023 for the BS Agriculture (Entomology) Degree Program.
- Notified as **Chairman of interview panel** for the admission in MS and Ph.D in Department of Entomology
- Notified as **Member** of Board of Faculty, Faculty of Agriculture
- Notified as “**Trainer**” for TRAINING OF MANPOWER FOR BEEKEEPING
- Notified as **Chairman of Pre-Esac Committee** for the selection of suitable and deserving candidates for “Ehsas Undergraduate Scholarship Project”.
- Nominated as a member for conducting interview of HEC need based scholarship at Main campus Uthal,
- Nominated as **Focal Person** to coordinate with Pakistan Agriculture Research Council (PARC) regarding designing and execution of project on control of locust attack in Pakistan
- Notified as **Chairman of Selection Committee** for the selection of suitable and deserving candidates for “HEC Needs Based Scholarship Program”.
- Nominated as “**Subject Specialist**” for selection committee
- **Master Trainer** in 3 days training on “USE of Botanical Pest Control Materials in Integrated Pest Management of Cotton crop at LUAWMS, Uthal” Organized and sponsored by WWF-Pakistan.
- Nominated as **program evaluator/subject expert** by NAEAC for the accreditation of SAU Campus, Umerkot, Sindh.

## DESERTATIONS

### PhD

Artificial diets and their effects on biological performance of green lacewing, *Chrysoperla nipponensis* (Okamoto) (Neuroptera: Chrysopidae).

### Master

Effect of agrochemicals on sucking insect pests of cotton crop. Worked in a project entitled “Cotton Plant Compensation to pest stress as affected by plant nutrients, growth regulators and cultural practices” (for 02 years on my M.Sc thesis title).

### Research Projects

No.	Title	Donor Agency	Amount (PKR)	Remarks
1	Organic cotton production in District Lasbela, Balochistan	PARC	5 million	
2	Beekeeping project at LUAWMS (2010)	LUAWMS		Completed
3.	Evaluation of entomopathogenic fungi, botanical pest control materials and commonly used pesticides against desert locust	PARC-Karachi	3 million	Submitted
4	Use of bio-botanical pest control materials in Integrated pest management of vegetables in Lasbela.	ALP		Submitted
5	Establishment of Biological Control Laboratory	Joint Venture of LUAWMS & GOB		Submitted
6	Development of artificial diet for the mass rearing of green lacewing, <i>Chrysoperla carnea</i> (Stephens).	ALP		Submitted
7	Introduction of beekeeping as a profitable business in Balochistan.	ALP		Submitted

### M.Phil./MS Scholars Supervised

Completed as major Advisor/Supervisor

1. Feeding Potential of *Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae) on Natural Diet Under the Laboratory Conditions Department of Entomology, Faculty of Agriculture, LUAWMS (Mr. Abdul Jabbar)
2. Monitoring Band Management of Fruitfly (*Bactrocera zonata*) Population on Peach (*Pronus persica*), Department of Entomology, Faculty of Agriculture, LUAWMS (Mr. Mitha Khan)
3. Efficacy of Selective Synthetic and Indigenous Plant Extracts Against Sucking Insect Pests of Okra In Field Conditions, Department of Entomology, Faculty of Agriculture, LUAWMS (Mr. Muhammad Khan)
4. Efficiency of Organic and Inorganic Pesticides Control Material Against Stored Grain Pests, Department of Entomology, Faculty of Agriculture, LUAWMS (Mr. Jahan Zaib)
5. Functional Response of Green Lacewing; *Chrysoperla carnea* (Neuroptera: Chrysopidae) Larvae to Different Insect Pests, Department of Entomology, Faculty of Agriculture, LUAWMS (Mr. Ameer Uddin)
6. Feeding Potential of Angoumois Grain Moth, *Sitotroga Cerealella* (Olivier) (Lepidoptera: Gelechiidae) on Stored Grain Products Under Laboratory Conditions, Department of Entomology, Faculty of Agriculture, LUAWMS (Mr. Naseer Ahmed)
7. Screening of Factitious Diets on the Biology of Green Lacewing, *Chrysoperla carnea*, Department of Entomology, Faculty of Agriculture, LUAWMS (Mr. Ghulam Yaseen)
8. Influence of Different Temperature Regime on Different Insect Pests of Store Grains, Department of Entomology, Faculty of Agriculture, LUAWMS (Mr. Saddam Hussain)
9. Use of Integrated Pest Management Techniques Against Insect Pests Associated With Tomato Crop, Department of Entomology, Faculty of Agriculture, LUAWMS (Miss. Zahida Magsi).
10. Screening of Artificial Diets on the Reproductive Performance of Adult Green Lacewing, (*Chrysoperla carnea*).

#### **Completed as Co-Supervisor/member**

- Effect of Thermal Stress on Longevity and Reproduction of Angoumois Grain Moth *Sitotroga Cerealella* (Lepidoptera Gelechiidae), Department of Entomology, Faculty of Agriculture, LUAWMS (Shah Muhammad)
- Effect of Guggul Gum (*Commiphora wightii* L.) on Physico-Chemical and Postharvest Quality of Banana Fruit During Storage, Department of Entomology, Faculty of Agriculture, LUAWMS (Arif Saleh)
- Effect of Different Thermal Stress on *Chrysoperla carnea* (Neuroptera: Chrysopidae) Under Laboratory Condition, Department of Entomology, Faculty of Agriculture, LUAWMS (Muhammad Sharif)
- Feeding Potential of Different Developmental Stages, Longevity and Reproduction of Lady Bird Beetle (*Coccinella*, *Septempunctata* L) on Different Aphid Species Under Laboratory Condition, Department of Entomology, Faculty of Agriculture, LUAWMS (Sohail Azeem Baloch)
- Impact of Ultraviolet Radiation (Uv-B) on the Different Development Stages of Red Flour Beetle, (*Tribolium castaneum*), Department of Entomology, Faculty of Agriculture, LUAWMS (Moheen Khan)
- Integrated Pest Management of Fruit Flies on Chiko (*Manilkara Zapota*) in Lasbela, Pakistan, Department of Entomology, Faculty of Agriculture, LUAWMS (Nasir Shah)
- Comparison of Pest Population and Use of Neem Seed Extract on Different Varieties of Brinjal, Chilli Okra and Tomato, Department of Entomology, Faculty of Agriculture, LUAWMS (Enayat Aziz)
- Impact of Different Sowing Dates and Wheat (*Triticum Aestivum*) Genotypes on Aphid Infestation and Its Predation in Agro-Climates of Lasbela Region, Department of Entomology, Faculty of Agriculture, LUAWMS (Aziz Ullah)

#### **Completed as Supervisor Internship Students**

1. Effects of Botanical pest control materials against mealy bug (*Phenacoccus solenopsis*) on cotton crop, Department of Entomology, Faculty of Agriculture, LUAWMS (Waqas Majeed)
2. Screening of artificial diets on the reproductive performance of adult green lacewing (*Chrysoperla carnea*). (Sumaira).

3. Effect of Neem Oil (*Azadirachta indica*) and Bitter Apples (*Citrullus colocynthis*) on Longevity of Adult Green Lacewing, Department of Entomology, Faculty of Agriculture, Luawms (Mr. Amin Ullah)
4. Studies on the Effect of Botanical Pesticide to Check the Repellency on Pulse Beetle (*Callosobruchus chinensis*), Department of Entomology, Faculty of Agriculture, Luawms (Miss. Tahira Ibrahim)
5. Studies on the Effect of Botanical Pesticide to Check the Repellency Against Red Flour Beetle (*Tribolium castaneum*), Department of Entomology, Faculty of Agriculture, Luawms (Miss. Mehwish Irfan)
6. Effect of Light Traps Against American Bollworm *Helicoverpa Armigera*, Department of Entomology, Faculty of Agriculture, Luawms (Mr. Waqar Shah)
7. Effect of Light Traps Against Jassid, *Amrasca Biguttula* Causing Yellowing Leaf Patches and Whitening in the Edges of Tomato Plant, Department of Entomology, Faculty of Agriculture, Luawms (Miss. Aftab Shah)
8. Use of Different Colours of Sticky Traps on the Population of Whitely (*Bemisia tabaci*) in Brinjal, Department of Entomology, Faculty of Agriculture, Luawms (Miss. Hina Ali)
9. Response of Green Lacewing, *Chrysoperla carnea* Adults on Different Artificial Diets Under Laboratory Conditions, Department of Entomology, Faculty of Agriculture, Luawms (Miss. Huma)
10. Effect of Sticky Traps Against Jassid, (*Amrasca biguttula*) on Brinjal (*Solanum Melongena*), Department of Entomology, Faculty of Agriculture, Luawms (Mr. Salman)
11. Evaluating of Artificial Diets on the Development Duration of Immature Life Stages of *Chrysoperla carnea* Under Labortory Conditions, Department of Entomology, Faculty of Agriculture, Luawms (Mr. Ali Ahmed)
12. Acute Toxicity and Sub Lethal Effects of Synthetic Insecticides on Honey Bee (*Apis mellifera*), Department of Entomology, Faculty of Agriculture, Luawms (Mr. Shoaib Imran)
13. Acute Toxicity and Sub Lethal Effects of Synthetic Insecticides On Honey Bee (*Apis mellifera*), Department of Entomology, Faculty of Agriculture, Luawms (Miss. Iqra Batool)
14. Acute Toxicity and Sub Lethal Effects of Neem Extracts on Honey Bee ( *Apis mellifera* ), Department of Entomology, Faculty of Agriculture, Luawms (Miss. Sumaira)
15. Influence of Different Host on the Biology of Fruit Flies, *Bactrocera zonata* (Deiptera: Tephritidae), Department of Entomology, Faculty of Agriculture, Luawms (Mr. Shakil Ahmed)
16. Influence of Botanical Insecticides on the Adult Longevity of Green Lacewing, *Chrysopidae carnea* (Neuropteran: Chrysopidae), Department of Entomology, Faculty of Agriculture, Luawms (Miss. Saba Haider)
17. To Monitor and Evaluate Fruit Borers (*Leucinodes orbonalis*) and White Fly (*Bemisia tabaci*) Incidence on Brinjal Crops at Turbat, Department of Entomology, Faculty of Agriculture, Luawms (Mr. Sameer Ahmed)
18. Effect of Tobacco, *Nicotiana tabacum* and Garlic Oil on Green Lacewing (*Crysoperla carnea*) Under Laboratory Condition, Department of Entomology, Faculty of Agriculture, Luawms (Mr. Nadir Ali)
19. Insects Pest Associated With Date Palm Cultivars at Turbat District Kesh, Balochistan, Department of Entomology, Faculty of Agriculture, Luawms (Mr. Salman Sajidi)
20. Taxonomic studies of lady bird beetle (Coleoptera, Coccinelidae) fauna of NARC, Islamabad, Pakistan. (Mr. Nathen Kumar)
21. Development of emulsion formulation from *Capparis desidua* to control cotton, *Aphis gossypi* (Rizwan Mehrab)
- 22.

#### **Internal Examiner of M.Phil/PhD/MS students and projects**

- As an Internal examiner, I have evaluated more than 10 theses of master students.
- Reviewed projects funded by PARC.

#### **PUBLICATIONS**

1. Gulsher Mastoi, Punhoon Khan Korai, Naimatullah Koondhar, Mehar un Nisa Narejo, **Shafique Ahmed Memon**, Shahmir Ali Kalhor, Bhai Khan Solangi, Qamar Sarfaraz, Ammar Rashid and Zar Jan. (2024). "Increasing Biomass and Availability of Micronutrient in Maize Using Goat and Cow Manures". *Kurdish Studies Journal*, ISSN: 2051-4883 | e-ISSN: 2051-4891.
2. Haji Khan, Abdul Hafeez Mastoi, Arif Ali, **Shafique Ahmed Memon**, Ghulam Ali Bugti, Shakal Khan Korai, Shahjahan Rajput, Muhammad Adeel, Jahan Zaib, Moheem Khan, Gulkhanda Parwaiz (2024). Insecticidal Activity of Different Botanical Plant Extract Powders Against Rice Moth (*Corcyra cephalonica*) an Insect Pest of Store Grain. *Jammu Kashmir J. Agri.*, 04 (01) 2024. 41-49.
3. Gulkhanda Parwaiz, Arif Ali, **Shafique Ahmed Memon**, Abdul Hafeez Mastoi, Ghulam Ali Bugti, Muhammad Shahid Arain, Shahjahan Rajput, Muhammad Afzal Roonjha, Jahan Zaib, Changaiz Yasir (2024). Impact of different groups of pesticides on the population dynamic of honey bee (*Apis mellifera* L.). *WORLD JOURNAL OF BIOLOGY AND BIOTECHNOLOGY*. ISSN (Online) = 2522-6754.
4. Kashif Ali Kubar, Qurban Ali, Shahmir Ali Kalhor, **Shafique Ahmed**, Yasser Nehela, Punhoon Khan Korai, Muneer Ahmed, Mehar Un Nisa Narejo (2023). Dynamics of organic carbon fractions, soil fertility and aggregates affected by diverse land use cultivation systems in semiarid degraded land. *Journal of Soil Science and Plant Nutrition* <https://doi.org/10.1007/s42729-023-01562-3>.
5. Anwar, M., Abro, A.A, Batyrbek, M., Memon, S., Kubar, M, I., Kaleri., F., Narejo, M.N., **Memon, S.A.** (2022). Coorelation of Ionic contents and additional amino acids of wheat under high water stress levels. *Webology Journal* (Accepted).
6. Mahazullah, Kashif Ali Kubar, Qambar Baloch, Muneer Ahmed, **Shafique Ahmed**, Naimatullah Koondhar Farah Naz Kaleri, Mehar Un Nisa Narejo, Muhammad Ramzan, Abdul Wahab (2024). Enhancing Wheat Crop Yield Growth with Integrated Application of Banana Derived Biochar and Press Mud. *Jammu Kashmir J. Agri.*, 04 (02) 2024. 123-135.
7. Mehwish, Ghulam Ali Bugti, **Shafique Ahmed Memon**, Arif Ali, Ghulam Khaliq, Abdul Hafeez Mastoi, Muhammad Abuzar Jaffar (2023). Anti-feedant activities of plant extracts against insect pests and on their natural enemies on brinjal (*Solanum melongena* L.). *J. Biopest* 16(2):100-107(2023).
8. Qaisrani, T.K., Ali, A., **Memon, S. A.**, & Baloch, D. M. (2022). Invitor efficacy of organic, inorganic pesticides and predators against mealy bug (*Phenacoccus solenopsis*). *World Journal of Biology and Biotechnology*, doi.org/10.33865/wjb.007.02.0755. (Y)
9. Magsi, Z., **Memon, S. A.**, Ali, A., & Baloch, D. M. (2022). Evaluation of integrated pest management based techniques against insect pests associated with tomato at Uthal Balochistan, Pakistan. *World Journal of Biology and Biotechnology*, 7(1), 27-30. (Y).
10. Zakia Panhwar, Arfan Ahmed Gilal, Lubna Bashir Rajput, Jamal-U-Ddin Hajano, **Shafique Ahmed Memon**, Naimatullah Koondhar, Muhammad Ibrahim Kubar (2023) "Pesticidal Potential of Essential Oils against *Callosobruchus maculatus* Fab. (Coleoptera: Bruchidae) under Lab Conditions". *Punjab University Journal of Zoology*. 38(2): 201-210 (2023).
11. Mohammad, S., Ali, A., **Ahmed, S.**, Tariq, M. A., Kakar, H., Adnan, Khan, M. (2022). Effect of thermal stress on longevity and reproduction of angoumios grain moth *Sitotroga cerealella* (Lepidoptera gelechidae) in laboratory condition. *Pure and Applied Biology*. Vol. 12, Issue 1, pp229-240 (Y).
12. Mastoi A H, Nizamani, MR, **SA. Memon**, J. Jiang, Hu XS&Liu TX. (2022). Pea Aphid (Hemiptera: Aphididae) Population Responses to Selected Pea Cultivars and High Temperatures. *Pakistan J. Zool.* 54 (5) :2477-2480.
13. Ghulam Khaliq, Mohaib Ullah, **Shafique Ahmed Memon**, Arif Ali, Muhammad Rashid, (2021). "Exogenous nitric oxide reduces postharvest anthracnose disease and maintains quality of custard apple (*Annona squamosa* L.) fruit during ripening", *Journal of Food Measurement and Characterization*, 15:707–716.
14. Tanzeela-ul-Zahra Khaskheli, Lubna Bashir Rajput, **Shafique Ahmed Memon**, Khalid Hussain Dhiloo, Nafeesa Zahra Khaskheli, Qurat Ul Ain Bhatti, ARFAN AHMED GILAL. Repellent potential of medicinal oils against *Tribolium castaneum* (Herbst) under laboratory conditions", *Abasyn Journal of Life Sciences*, (ISSN: 2663-1040), *AJ Life Sci.* 2021, 4 (2): 7-15.
15. Ghulam Ali Bugti, **Shafique Ahmed Memon**, Ghulam Khaliq, Gulkhanda Parwaiz, Intazar Ali, Muhammad Abuzar Jaffar. (2021). The Attraction of Stored Grain Pests Toward Various Colour Surfaces. *Egypt. Acad. J. Biolog. Sci.*, 14(3):29-34.
16. Zaib J, **Memon, S. A**, Ali A, Khaliq G, M. Khan, Ahmed S, Azeem S. (2021). Efficiency of organic and inorganic pesticides control material against stored grain pests. *Pakistan Journal of Agriculture, Agricultural Engineering and Veterinary Sciences*, 37 (2): 110-117.



17. Rahim Jan, Bhai Khan Solangi, Muhammad Azim Bizenjo, **Shafique Ahmed Memon**, Zahoor Ahmed Pandran, Ali Asghar Gola, Maqbool Ahmed jatoi, Aminullah, Muhammad Haroon, Abdul Wahab. (2021). EFFECT OF INUNDATIVE RELEASE OF TRICHOGRAMMA CHILONIS AGAINST *HELICOVERPA ARMIGERA* (HUBNER) (LEPIDOPTERA: NOCTUIDAE) ON YIELD OF PEA CROP. Pak. J. Biotechnol. Vol. 18 (2-3) 49-55.
18. Ahmed N, Ali A, **Memon, S. A.**, Qambrani T.K, Khaliq G, Khan J, Ahmed S. INFLUENCE OF DIFFERENT COLOURS OF LIGHTS ON DEVELOPMENTAL STAGES OF RED FLOUR BEETLE (*TRIBOLIUM CASTANEUM*) AND ADULTS PHOTOTAXIS BEHAVIOR. Pak. J. Agri., Agril. Engg., Vet. Sci., 2021, 37 (1): 42-48 ISSN: 1023-1072.
19. Khan M, Ali A, **Memon, S. A.**, Qambrani T.K, Khaliq G, Khan J, Ahmed S. Function of Ultraviolet radiation (UV-B) light on the Survival of Red Flour beetle (*Tribolium castanum*) and their body fitness. Pakistan Journal of Agricultural Research, 2021, 34 (4), 747-758.
20. Ghulam Ali Bugti, Wang Bin, Ghulam Khaliq, **Shafique Ahmed** and Muhammad Abuzar Jaffar Factors and characteristics effecting pathogenicity and virulence of entomopathogenic fungi. Journal of Entomology, Volume 17 (2): 74-83, 2020.
21. Ghulam Ali Bugti, Wang Bin, **Shafique Ahmed Memon**, Ghulam Khaliq and Muhammad Abuzar Jaffar (2020). Entomopathogenic Fungi: Factors Involved in Successful Microbial Control of Insect Pests. J. Entomol., 17 (2): 74-83.
22. Mitha Khan, **Shafique Ahmed Memon**, Bhai Khan Solangi, Ghulam Jillani, Ameer Uddin, Syed Jahangeer Shah, Enayat Aziz, Kamran Jamil, Naveed Ahmed, Aeman Afzal and Abdul Raziq (2020). Monitoring and management of fruitfly (*Bactrocera zonata*) population on peach (*Prunus persica*) Quetta Balochistan Pakistan. Pure and Applied Biology. Vol. 9, Issue 4, pp2425-2434.
23. **Shafique Ahmed Memon**, Arif Ali, Mehar-un-Nisa Narejo, Ghulam Khaliq, Imran Ali Rajput, Muhammad Adeel, Khalil Ahmed Memon, Dzolkhifli Omar, Muhammad Rashid and Abdul Rasool (2019). Pre-imaginal development of different prey species on the life history parameters of different species of green lacewings (Neuroptera: Chrysopidae). Pakistan Journal of Agriculture Research, 32(2): 317-324.
24. Abdul Jabbar Qadri, **Shafique Ahmed Memon**, Mitha Khan, Niaz Ahmed Jamali, Farman Ali Soomro, Muhammad Sharif, Abdul Nabi Domki (2019). Feeding Potential of *Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae) on Natural Diet Under the Laboratory Conditions. International Journal of Academic and Applied Research (IJAAR) ISSN: 2643-9603 Vol. 3 Issue 7, Pages: 11-33
25. Ameer Uddin, **Shafique Ahmed**, Arif Ali, Abdul Ghaffar Khoso, Mansab Khan, Farrukh Asghar, Khalil Asghar (2019). Functional Response of Green Lacewing, *Chrysoperla carnea* (Neuroptera: Chrysopidae) Larvae on Different Insect Pests. International Journal of Academic Multidisciplinary Research (IJAMR), Vol. 3 Issue 6, June – 2019, Pages: 49-56.
26. Prospects of royal jelly as a potential natural feed additive in poultry diets. (2018). M. Saeed, S.A. Kalhor, M. Naveed, F.U. Hassan, M. Umar, M. Rashid, **S.A. Memon**, F. Soomro, M.A. Arain And S. Chao. World's Poultry Science Journal, Vol:74, Pg 1-10.
27. Adeel, M., **Memon, S.A.**, Ali, A., Narejo, M.N & Rashid, M. (2018) Influence of synthetic and bio insecticide against mealybug, *Phenacoccus solenopsis* (t) on brinjal crop. Lasbela, University. Journal Science & Technology, PP-263-268.
28. Aziz-ullah Lashari, Ghulam Jillani, **Shafique Ahmed Memon**, Mehar Un Nisa Narejo, Syed Rehmat Ullah Shah, Arif Ali, Fateh Muhammad and Dur-e-Shwar (2018). Influence of different sowing dates and wheat (*Triticum aestivum*) genotypes on aphid infestation and its predation in agro-climate of Lasbela region. Journal of Entomology and Zoology Studies. Vol.6, pp.2449-2453.
29. I.A. Rajput, A.K. Pathan, G.N. Sehto, A.M. Ahmed, **S.A. Memon**, A. Ali, A. Memon and M.M. Rajput (2018). Relative resistance of some cotton varieties against bollworm complex at district Sanghar, Sindh, Pakistan. Pakistan Journal of Science. Vol.70.No.04, 282.
30. Rajput, F.A. Rajput, I.A, Kubar, M.I, Ahmed, A.M, Ali, A, & **Memon, S.A** (2017) Efficacy of botanical extract against jassid, *Amrasca biguttula biguttula* (ishida). on sunflower crop. Lasbela, University. Journal Science & Technology, PP- 263-268.
31. Muhammad Akbar Lashari, Javed Sheikh, Arif Ali, **Shafique Ahmed Memon**, Mehar un Nisa, Muhammad Rashid. (2017). MONITORING OF INSECT PESTS AND THEIR NATURAL ENEMIES ON BIODIESEL PLANT, *JATROPHA CURCAS* L. *Life Sci. Int. J.*, 29(4) 985-991.
32. Arif Ali, **Shafique Ahmed Memon**, Mehar un Nisa, Muhammad Rashid. (2017). Biology and feeding potential of ladybird beetle (*Coccinella septempunctata*) on different species of aphids. *Life Sci. Int. J.*, 29(6) 1261-1263.

33. Abdul Rasool Rattar, Ghulam Hussain Abro, **Shafique Ahmed Memon**, Mehar un Nisa Narejo, Abdul Majid Narejo, Arif Ali and Taj Muhammad Rattar. (2017). Influence of natural enemies on suppression of insect pests and yield of okra. *Journal of Entomology and Zoology Studies*. 5 (3) 744-747.
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#### CHAPTERS PUBLISHED IN INTERNATIONAL BOOKS

- [1] **Sahito HA and SA. Memon**. (2013). Effect of Insect Pests on Different Varieties of Okra Crop. Publishing (LAP), Amazon - Germany. Pp- 60-67.

#### ARTICLES PUBLISHED IN MAGAZINES

- [1] Ghulam Jilani, Shafique Ahmed Memon and Tamoor Khan (2012).



#### PAPERS/POSTER/ ABSTRACT PRESENTED IN CONFERENCES:

- [1] **SA. Memon**, D., Omar, Muhamad, R. and A.S., Sajap (2014). Effect of artificial diet on survival, development and reproduction of *Chrysoperla* sp. (Stephens) (Neuroptera: Chrysopidae).
- [2] D., Omar, **SA. Memon**, Muhamad, R. and A.S., Sajap and Norhayu Asib (2016). Green lacewing, *Chrysoperla nipponensis*: Effective predator for leaf sucking insect pests.
- [3] Presented poster in 2<sup>nd</sup> Invention to Innovation Summit conference on Integrated Pest Management of Fruit fly on Chiku (*Manilkara zapota*) in University of Balochistan Quetta (25-26 April, 2017).
- [4] Participated in the 1<sup>st</sup> international conference on Plant Protection Sciences on March 29-30, 2022 organized by Faculty of Crop Protection, SAU Tandojam in collaboration with SHEC.

#### CONDUCTED TRAININGS/WORKSHOPS/SEMINARS

- [1] Organized One-day workshop on “Pesticides and their application against Agricultural Insect pests” at Department of Entomology, Faculty of Agriculture, in 2022.
- [2] Conducted session of in one day workshop on Botanical Pest Control Materials at LUAWMS
- [3] Master trainer program (workshop) on beekeeping at LUAWMS, Uthal Balochistan.
- [4] Conducted workshop as a resource person in Beekeeping workshop at SAU Tandojam
- [5] Conducted session in one day workshop on world cotton day 2020 in District Lasbela, Balochistan.
- [6] Conducted session of Insect Pest Management in a one day workshop on Kitchen Gardening held on 28<sup>th</sup> September 2021 at LUAWMS.

#### MEMBERSHIP

- [1] Member of Entomological Society of Sindh (ESS) since March 2020 to February 2022.
- [2] Member of Sindh Zarai Science Society, SAU Tandojam since 09<sup>th</sup> October 2024.

#### ATTENDED TRAININGS/WORKSHOPS/SEMINARS

- Attended training course on Beekeeping and Honey Processing Technology for Pakistan organized by Hunan Agricultural Group Co., Ltd., Changsha, Hunan Province, China in 2023.
- Attended Project Formulation Workshop (2021) at Lasbela University of Water, Agriculture and Marine Sciences (LUAWMS) Pakistan Science Foundation, Pakistan (PSF).
- Participated in a one day workshop on Kitchen Gardening jointly organized by Dept. of Horticulture & Agriculture Department, Govt. of Balochistan on 28<sup>th</sup> September, 2021 at LUAWMS, Uthal, Balochistan.
- Online workshop on Turnitin at LUAWMS 2021 Quality Enhancement Cell, Lasbela University of Water, Agriculture and Marine Sciences (LUAWMS) Lasbela University of Water, Agriculture and Marine Sciences (LUAWMS)
- Participated in 7<sup>th</sup> National Agri Tourism Conference on 22<sup>nd</sup> December, 2021 at LUAWMS, Uthal, Balochistan..
- One day seminar on area wide management of insect pests of major crops, held at the Nuclear Institute of Agriculture (NIA), Tandojam on May 23, 2017
- Participated in the 25<sup>th</sup> Tree Planting Ceremony 2016 on 19<sup>th</sup> March, 2016 at University Putra Malaysia.
- One month training of Professional Competency Enhancement Program for Teachers (PCEPT) organized by National Academy of Higher Education (NAHE), Learning Innovation Division (Higher Education Commission).
- Participated in Stakeholders Dialogue on the Framework for Economic Growth of Pakistan organized by LUAWMS on 24<sup>th</sup> September, 2011.
- One month training on Beekeeping/Apiculture from HBRI, NARC, Islamabad.
- Two days training by SEF on Verification Survey for the Project “Promoting Low-cost Private Schooling in Rural Sindh.
- Successfully completed a special computer course from 01-09-2008 to 30-12-2008 at Care Computer (Training) Centre, Nawabshah.
- Two Day Training Workshop on Mango Tree Disease Management, held at Agricultural Research Institute, Tandojam.

- Two days training at SAFWCO for Social Mobilization on February 26-27, 2008 at HID Center, Hyderabad.

#### **SKILLS AND INTRESTS**

- Microsoft Office (Word, Excel, Power Point)
- Net browsing and literature searching

#### **LANGUAGES**

- Excellent in reading, writing and speaking Sindhi and Urdu languages.

#### **REFERENCES:**

**1. Prof. Dr. Taimoor Khan,**  
(Dean)

Faculty of Agriculture,  
Lasbela University of Agriculture,  
Water and Marine Sciences, Uthal, Balochistan.  
**Tel:** +92 (0) 334-3020515  
**Email:** [tamoor.khan@luawms.edu.pk](mailto:tamoor.khan@luawms.edu.pk)

**2. Prof. Dr. Manzoor Ali Abro,**  
(Dean)

Department of Plant Pathology  
Faculty of Crop Protection,  
Sindh Agriculture University, Tandojam.  
**Tel:** +92 (0) 333-7136569  
**Email:** [mabro@sau.edu.pk](mailto:mabro@sau.edu.pk)