




# MCKRU

Mir Chakar Khan Rind University Sibi

Forever Learning , Through Knowledge and Hardwork

## Personal Details

<b>Full Name:</b>	Dr. Sajjad Ali Khuhro	
<b>Designation:</b>	<b>Assistant Professor</b>	
<b>Department:</b>	Agriculture/Entomology	
<b>Faculty:</b>		
<b>Contact Number:</b>	03000864922	
<b>Email address:</b>	<a href="mailto:sajjadento.sau@gmail.com">sajjadento.sau@gmail.com</a> <a href="mailto:sajjad.ali@mckru.edu.pk">sajjad.ali@mckru.edu.pk</a>	
<b>Qualification:</b>	Ph.D Doctor of Philosophy	
<b>Date Awarded:</b>	28-November-2017	
<b>Awarding Institute:</b>	Collage of Plant Protection, Nanjing Agricultural University Nanjing China	
<b>Subject areas:</b>	Agricultural Entomology and Pest Control	

## Personal Achievements and Interests:

I did my bachelor and Master degree in Department of Entomology from Sindh Agriculture University Tandojam. During M.Sc., I was appointed as a **Research Assistant** in research project sponsored by Higher Education Commission from 20-11-2011 to 10-08-2014. In research project my responsibilities were, purchasing the equipment, conduct the research experiments, collect and analysis the data, arrange the seminars and workshops for mango growers and wrote the annually reports and research articles.

In September 2014, I was awarded Chinese Scholarship Council (**CSC**) for Ph.D in the Department of Plant Protection/Entomology, **Nanjing Agricultural University China**. During my PhD study, I made some excellent progresses in research. I have been published five research articles in SCI professional international journals with **high impact factors** and further I have already got a number of publications HEC recognized journals to my credit.

After completion of my doctoral degree, I joined as **Assistant Professor** under **HEC-IPFP** program for one year (**16-04-2018 to 15-04-2019**). During this one-year period; my responsibilities were taking classes of graduates, postgraduates and guide to doctor researcher students. In addition, I acquired research fund for a research project as **P.I**, other three projects have been submitted to sponsored agencies, I also attained national and international conferences and I am also the member of editorial board of "**Journal of Plant Biology and Crop Research**" the details of respective, will follow later in my resume. Furthermore, I worked as **Co-operative** teacher on volunteer basis in the Department of Plant Protection, Sindh Agriculture University Tandojam, since 23-09-2019 to 8-10-2020.

I participated as speaker in TWO international conferences "International Association of Insect Chemical Ecology" in china during 2016.

4<sup>th</sup> International Conferences on Agriculture, Food and Animal Sciences (ICAFAS-2019) January 21-22-2019

I am also the member of editorial board of "**Journal of Plant Biology and Crop Research**" This journal belongs to MED DOCS PUBLISHERS, USA.

**At present working as Assistant Professor at Mir Chakar Khan Rind University SIBI since, 12-10-2020 to date.**

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*Taken together, I have three years research experience in projects, three years in teaching and 25 plus publications (SCI with impact factor or HEC recognized journals), and one ongoing research project at MCKRU Sibi.*

#### **AREAS OF INTEREST**

- Research & Development
- Academic & Teaching activities
- IPM of insect pests of field crops

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#### **QUALIFICATIONS**

##### **Degree Title (Doctor of Philosophy)**

**Qualification:** Ph.D  
**Date Awarded:** 28-November-2017  
**Awarding Institute:** Collage of Plant Protection, Nanjing Agricultural University Nanjing China  
Agricultural Entomology and Pest Control

**HEC Approved Supervisor:** Under process

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#### **WORK EXPERIENCE DETAILS**

S.No	Job Title	Name of Institution/Organization	From	To	Total Duration
1	Assistant Professor	Department of Agriculture Mir Chakar Khan Rind University Sibi	12-10-2020	Up to date	App. 9 Months
2	Visiting / Co-operative Teacher	Department of Plant Protection, Sindh Agriculture University, Tandojam	23-09-2019	7-10-2020	1 Year 15 Days
3	Assistant Professor IPFP (HEC)	Department of Plant Pathology, Sindh Agriculture University, Tandojam	16-04-2018	15-04-2019	1 Year
4	P.hD Research Experience	Collage of Plant Protection, Nanjing Agriculture University Nanjing China	1 September 2014	25 December 2017	3 Years 2 Months 25 Days
5	Research Assistant	Department of Entomology, Sindh Agriculture University, Tandojam	20 December 2011	10 August 2014	2 Years 7 Months 20 Days

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**Publications in HEC Recognized Journals:**

S. No	Title of Paper	Name of Journal	National/ International	Publication Date
1.	Two general odorant binding proteins display high bindings to both host plant volatiles and sex pheromones in a pyralid moth <i>Chilo suppressalis</i> .	Journal of Asian Pacific Entomology	International	2017
2.	Tissue distribution and functional characterization of odorant binding proteins in <i>Chilo suppressalis</i> (Lepidoptera: Pyralidae).	Journal of Asian Pacific Entomology	International	2017
3.	CRISPR/Cas9 mediated PBP1 and PBP3 mutagenesis induced significant reduction in electrophysiological response to sex pheromones in male <i>Chilo suppressalis</i>	Insect Science	International	2017
4.	Expression profile and functional characterization suggesting the involvement of three chemosensory proteins in perception of host plant volatiles in <i>Chilo suppressalis</i>	Journal of Insect Science	International	2017
5.	Identification and Field Evaluation of the Sex Pheromone of <i>Orthaga achatina</i> (Lepidoptera: Pyralidae).	Journal of Chemical Ecology	International	2018
6.	Functional characterization of pheromone receptors in a moth <i>Athetis dissimilis</i> (Lepidoptera: Noctuidae).	Pesticide Biochemistry and Physiology	International	2018
7.	CRISPR/Cas9 mediated gene knockout reveals more important role of 2 PBP1 than PBP2 in perception of female sex pheromone components in <i>Spodoptera litura</i>	Insect Biochemistry and Molecular Biology	International	2019
8.	Antomical characteristics of fossil wood collected from Manchar formation (Miocene) Thano Bula Khan Sindh, Pakistan	Italian Botanist	International	2021
9.	Biological Parameters of the Bark Beetle, <i>Xylosandrus crassiusculus</i> (Motschulsky) Under Controlled Laboratory Conditions	Research Paper (Biology: Insects)	International	2021
10	Resistant Cultivars of Safflower <i>Carthamus tinctorius</i> based on Yield Performance and Infestation	<i>International Journal on Emerging Technologies</i>	International	2021

	against <i>Acanthiophilus helianthi</i> (Diptera: Tephritidae)			
11.	Integrated Management of NP Fertilizer can Boost the Growth and Yield Performance of Sunflower ( <i>Helianthus annuus L.</i> )	Plant Archives	International	2021
12.	Potassium Management for the Improvement of Growth and Yield of Grass Pea ( <i>Lathyrus sativus L.</i> )	International Journal on Emerging Technologies	International	2021
13.	Population, Host Preference and Feeding Potential of <i>Chrysoperla Carnea</i> (Stephens) on Different Insect Hosts in Cotton and Mustard Crops.	Sindh University Research Journal	National	2013
14.	Impact of Fertilizers Application on Insect Pests Populations in Okra, <i>Abelmoschus Esculentus L.</i> Crop. Sindh Univ. Res. Jour.	Sindh University Research Journal	National	2013
15.	Life table studies of mango mealy bug, <i>Drosicha mangiferae</i> (Green) under field conditions.	Science International Lahore	National	2014