



MCKRU

Mir Chakar Khan Rind University Sibi

Forever Learning , Through Knowledge and Hardwork

Personal Details

Full Name: Dr Ghulam Hussain Jatoi
Designation: Assistant Professor
Department: Agriculture (Plant Pathology)
Faculty: -----
Contact Number: +92-333-7574497, +92-345-3854538
Email address: Ghulam.hussain@mckru.edu.pk, jatoighulamhussain@hotmail.com
Qualification: "Ph.D Doctor of Philosophy"
Date Awarded: 18-01-2019
Awarding Institute:
"Institute of Plant Protection Chinese Academy of Agricultural Sciences IPPCAAS Beijing China"
Subject areas Plant Pathology Agriculture



Personal Achievements and Interests:

I did my bachelor and Master degree in Department of Plant Pathology from Sindh Agriculture University Tandojam.

In March 2016, I was awarded Graduate School Chinese Academy of Agricultural Sciences (GSCAAS) Scholarship China for Ph.D in the Department of Biological Control, Plant Diseases and Biopesticides Engineering at Institute of Plant Protection Chinese Academy of Agricultural Sciences (IPPCAAS). During my PhD study, I made some excellent progresses in research. I have been published three research articles in SCI professional international journals with **high impact factors** and further and one **Scientific Patent** 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 (**13-05-2019 to 14-05-2020**). 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 two projects have been submitted to sponsored agencies, I also attained national and international conferences and I am also Editor in Chief **Journal of Applied Research in Plant Sciences (www.joarps.org)** Managing Editor **Pakistan Journal of Biotechnology (www.pjbt.org)** and also editorial board member of more than 3 research Journals 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 Pathology, Sindh Agriculture University Tandojam, since 15-05-2020 to 7-10-2020.

At currently working as Assistant Professor at Mir Chakar Khan Rind University SIBI since, 08-10-2020 to date.

During services at MCKRU Sibi Stablished Research Journal Mehrgarh Journal of Sciences and Technology (www.mhjst.org) at the platform of Mir Chakar Khan Rind University SIBI

Taken together, I have three years teaching experience and 40 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
To diagnose disease.
Treatment and management of Plants.
Molecular studies.
DNA and RNA Extraction
Bio-pesticides Engineering
Isolation and Purification Protein from Microbes

QUALIFICATIONS

Degree Title (eg: Master/M.Phil)

Qualification: " M.Sc (Agri) Hon's"
Date Awarded: 13-12-2015
Awarding Institute: "Sindh Agriculture University, Tandojam"
"Plant Pathology"

Degree Title (eg: Bachelors 4years)

Qualification: "B.Sc (Agri) Hon's"
Date Awarded: 15-05-2015
Awarding Institute: "Sindh Agriculture University, Tandojam"
"Plant Pathology"
HEC Approved Supervisor: "Approved Supervisor (Yes)"

WORK EXPERIENCE DETAILS

•Assistant Professor. (Adhoc) Mir Chakar Khan Rind University Sibi, Balochistan.
08-10-2020 to Up to date.

•Assistant Professor. Contract Based Sindh Agriculture University, Tandojam, Hyderabad, Sindh.
14-5-2020 to 7-10-2020.

•Assistant Professor. (IPFP) Sindh Agriculture University, Tandojam, Hyderabad, Sindh.
14-5-2019 to 13-5-2020.

Publications in HEC Recognized Journals:

Scientific Patent				
S. No	Title of Paper	Name of Journal	National/ International	Publication Date
1.	A Novel Protein Elicitor PeBL2 from <i>Brevibacillus laterosporus</i> , induced by systemic immunity Against <i>Botrytis Cinerea</i> in Tobacco Plant	Government of China	International	2019
Chapters				
S. No	Title of Chapters	Name of Publisher	National/ International	Publication Date
1.	The role of microbial signals in plant growth and development: Current status and future prospects. New and Future Developments in Microbial Biotechnology and Bioengineering	https://doi.org/10.1016/B978-0-12-820526-6.00015-4 (Elsevier)	International	2020
Full Research Papers				
S. No	Title of Paper	Name of Journal	National/ International	Publication Date
01	Virulence phenotyping of Leaf Rust (<i>Puccinia triticina</i>) isolates from southern Pakistan	International Journal of Phytopathology	International	2021
02	Inhibition of aflatoxins producing fungus growth using some medicinal plants	International Journal of Phytopathology	International	2021
03	The efficient use of different fungal bioagents for eco-friendly management of Fusarium wilt disease of tomato in Sindh, Pakistan	Sains Malaya	International	2021
04	Integrated management of np fertilizers can boost the growth and yield performance of sunflower (<i>helianthus annus l.</i>)	Plant Archives	International	2021
05	Effect of subtending leaf removal on yield and fiber quality traits in upland cotton (<i>Gossypium hirsutum L.</i>).	Applied Ecology and Environmental Research	International	2021
06	Dissecting Source-Sink Relationship of Subtending Leaf for Yield and Fiber Quality Attributes in Upland Cotton (<i>Gossypium hirsutum L.</i>)	Plant MDPI	International	2021
07	Anatomical Studies of Miocene Dicot Wood of Fabaceae Excavated from Ranikot (paleo-forest) Jamshoro, Sindh, Pakistan,	International Journal on Emerging Technologies	International	2021
08	Exogenous Hydrogen Peroxide (H ₂ O ₂) Eustress to	International Journal on Emerging Technologies	International	2021

	Wheat Genotypes Attenuates their Salinity Distress,			
09	Resistant Cultivars of Safflower <i>Carthamus tinctorius</i> based on Yield Performance and Infestation against <i>Acanthiophilus helianthi</i> (Diptera: Tephritidae),	International Journal on Emerging Technologies	International	2021
10	Potassium Management for the Improvement of Growth and Yield of Grass Pea (<i>Lathyrus sativus</i> L.),	International Journal on Emerging Technologies	International	2021
11	Anatomical characteristics of fossil wood collected from the Manchar Formation (Miocene), Thano Bula Khan, Sindh, Pakistan.	Italian Botanist	International	2021
12	Spatial distribution of chili leaf curl disease and its correlation with environmental factors in Indus Delta and Southern Irrigated Plain Zone of Pakistan,	Pure and Applied Biology,	National	2020
13	Insecticidal Effect of Moderately Purified Protein 3 Acquired from <i>Beauveria bassiana</i> (Balsamo) and its Presumptive Role in a Tomato (<i>Lycopersicon esculentum</i>) Defense against Whitefly (<i>Bemisia tabaci</i>)	<i>Insects (MDPI)</i>	International	2020
14	Evaluation of different fungicides, botanical extracts and bio-control agents against <i>Alternaria alternata</i> the causal agent of leaf spot in Spinach	Pakistan Journal of Biotechnology	National	2020
15	In vitro pathogenicity of the fungi <i>Beauveria bassiana</i> and <i>Lecanicillium lecanii</i> at different temperatures against the whitefly, <i>Bemisia tabaci</i> (Genn.) (Hemiptera: Aleyrodidae).	Egypt J Biol Pest Control	International	2020
16	Evaluation of different fungicides, botanical extracts and biocontrol agents against <i>Penicillium expansum</i> the causal agent of Blue mold of Apple	Pakistan Journal of Biotechnology	National	2020
17	Efficacy of different essential oils, fungicides and biocontrol agents against <i>Aspergillus niger</i> the causal agent of fruit rot in Pomegranate	International Journal of Biosciences	International	2020

18	First record of <i>Fusarium solani</i> (Mart.) sacc. associated with sudden decline disease of date palm (<i>Phoenix dactylifera</i> L.) in Khairpur, Sindh, Pakistan	International Journal of Biosciences	International	2020
19	Pathogenicity test of different fungi on date palm causing sudden decline disease of date palm (<i>Phoenix dactylifera</i> L.) in Khairpur, Pakistan	International Journal of Biosciences	International	2019
20	Biocontrol potential of fungal endophytes against <i>Fusarium oxysporum</i> f.sp. Cucumerinum causing wilt in cucumber.	The Journal of Plant Pathology	International	2019
21	Efficacy of different fungicides, botanical extracts and bio-control agents against <i>Cladosporium cladosporioides</i> , the causal agent of Cladosporium rot in Grapes	Acta Ecologica Sinica.	International	2019
22	A novel protein elicitor PeBL2, from <i>Brevibacillus laterosporus</i> A60, induces systemic resistance against <i>Botrytis cinerea</i> in tobacco plant	The Plant Pathology Journal	International	2019
23	In-vitro efficacy of bio-control agent and essential oils against leaf blight of chickpea caused by <i>Alternaria alternate</i>	Acta Ecologica Sinica.	International	20119
24	Heritability estimates in F ₂ segregating population in hexaploid wheat (<i>Triticum aestivum</i> L.)	Pakistan Journal of Biotechnology	National	2018
25	Efficacy of selected Fungicides and Bio-Pesticides on the mycelial colony growth of the <i>Helminthosporium oryzae</i> Brown spot disease of rice.	Acta Ecologica Sinica,	international	2018
26	Some biochemical characterization against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> cause bacterial leaf blight of rice	Pakistan Journal of Biotechnology	National	2018
27	Effect of medium, temperature and ph, on In-vitro growth of <i>Botryodiplodia theobromae</i> isolated from Guava	Pakistan Journal of Biotechnology	National	2018
28	Isolation and characterization of bacteria isolated from the rice crop in lower Sindh	Pakistan Journal of Biotechnology	National	2018
29	Surveillance of apple canker	Pakistan Journal of Biotechnology	National	2017

	and identification of canker pathogen in apple orchards at district ziarat (Balocistan).			
30	Genetic Diversity Analysis Through Phenotypic ssesment in BT-Cotton Germplasm	Univ. Res. Jour. Sindh Univ. Res. Jour. (Sci. Ser.)	National	2017
30	Relative field abundance of gram pod borer <i>Helicoverpa armigera</i> (hub.) On different chickpea genotypes and its laboratory rearing on some natural hosts	Pakistan Journal of Biotechnology	National	2017
31	<i>In -vitro</i> evaluation of different fungicides and the bio-control agent <i>Trichoderma harzianum</i> against <i>Botryodiplodia theobromae</i> , the cause of Guava decline,	Pakistan Journal of Biotechnology	National	2017
32	Economic impact of climate change on the production of citrus fruit in Punjab province of the Pakistan	Science International (Lahore)	International	2017
33	Assessment of heterotic effects in intra-hirsutum crosses for yield and fiber traits	Pakistan Journal of Biotechnology	National	2017
34	Comparative efficacy of leaf extracts of tobacco varieties against Cabbage Aphid <i>Brevicoryne brassicae</i> linnaeus (<i>Homoptera: aphididae</i>)	Science International (Lahore)	International	2017
35	Optimizing the phosphorus use in cotton by using CSM-CROPGRO-cotton model for semi-arid climate of Vehari-Punjab, Pakistan.	Environmental Science and Pollution Research (ESPR)	International	2017
36	Allelopathic effect of common lambsquarter (<i>Chenopodium album</i>) on seedling growth of different Maize varieties	Science International (Lahore)	International	2016
37	Population frequency and pre-dispersal damage of <i>Juniperus excelsa</i> tree berries by seed chalcid, <i>Megastigmus spp.</i> (Hymenoptera Torymidae) in juniper forest Tehsil.	Science International (Lahore)	International	2016
38	Efficacy of selected fungicides on the linear colony growth of <i>the Helminthosporium oryzae</i> caused by brown spot disease of rice	Pakistan Journal of Biotechnology	National	2016
39	Screening of potential bacterial bio-control agents against <i>the Helminthosporium oryzae in-vitro</i> conditions. caused by brown spot of rice	Pakistan Journal of Biotechnology	National	2016

40	Rhizobacteria associated from rhizospheric soil and their antifungal activity against Brown spot fungus (<i>Helminthosporium oryzae</i>).	Science International (Lahore)	International	2016
41	Correlation estimates for earliness and yield related traits in cotton (<i>Gossyium hirsutum l</i>)	Science International (Lahore)	International	2016
42	Boron application using optimizing dose and time through foliar application for enhancing yield Of Wheat	Science International (Lahore)	International	2016
43	Growth and yield response of Wheat (<i>Triticum aestivum l.</i>) as affected by foliar fertilization of zinc.	Science International (Lahore)	International	2016