



MCKRU

Mir Chakar Khan Rind University Sibi

Forever Learning , Through Knowledge and Hardwork

Personal Details

Full Name: LIAQAT SHAH
Designation: Assistant Professor
Department: Botany
Faculty: [Click here and enter your Faculty]
Contact Number: 03449026588
Email address: liaqatpbg@yahoo.com
Qualification: PhD/Post-Doc China
Date Awarded: 30-06-2018
Awarding Institute: Anhui Agricultural University Hefei
China



Subject areas: Plant Breeding and Genetics, biotechnology in crop breeding, field crop breeding techniques, plant tissue culture

Personal Achievements and Interests:

I graduated from the University of Agriculture in 2009 with a Bachelor's degree in Plant Breeding and Genetics and was then recommended to pursue a Master's degree in Crop Genetics and Breeding. Through China Scholarship Council, I began studying for a doctorate in Crop Genetic and Breeding at Anhui Agricultural University China in 2014. From 2014 to 2018, and focused on fusarium head blight and powdery mildew disease in wheat, publishing over ten original articles and awarded as outstanding international student by ministry of education Beijing china. I then began studying the relationship between allelic variations and gene cloning for flowering time in rice as a post-doctoral researcher at the National Rice Research Institute from 2019 to 2021. I also taught courses such as "crop breeding," "crop molecular breeding," "biotechnology in crop breeding," and "plant tissue culture," and many others, during postdoctoral studies. Currently, I am working as Assistant Professor in the botany department of Mir Chakar Khan Rind University since 2021, and also researching on genetic improvements for drought, salinity, grain yield quality, and wheat adaptability. During my research career, more than 30 original papers have been published in total, with 15 of them being distributed in SCI (W) category journals.

QUALIFICATIONS

Qualification: BSc (Hons)
Date Awarded: 26-Dec-2009
Awarding Institute University of Agriculture, Peshawar, KP-Pakistan
Plant Breeding and Genetics

Degree Title (eg: BBA 4years)

Qualification: MSc (Hons)
Date Awarded: 19-Jan-2012
Awarding Institute: University of Agriculture, Peshawar, KP-Pakistan
Plant Breeding and Genetics

HEC Approved Supervisor: No

WORK EXPERIENCE DETAILS

February 2021 Mir Chakar Khan Rind university, Sibi

Assistant Professor

I taught different fields of biological sciences including Plant Breeding, Genetics, Biotechnology, cytogenetic, Field crop production, breeding field crop, Methods in genetics and biometry, breeding oilseed and pulse crops, Plant Physiology, Statistics and Biometry.

- To plan and prepare the assigned courses and lectures properly.
- To hold assigned classes at the times specified.
- To demonstrate competence in classroom instruction.
- To implement the designated curriculum completely and in due time.
- To plan and implement effective classroom management practices

In my opinion, Sport and social activities, improve students' academic and physical performance. As a result, I always participate actively in almost all of our school's co-curricular activities in Anhui Agricultural University China.

- Participated in sport meeting in the year 2014 and 2015
- Participated in the Chinese spring festival in the year 2015, 2016 and 2017
- Participated in lab equipment exhibition program in April 4, 2016
- Participated in Huang Shan culture activity in October 2015
- Taken part in the exchange association program for Chinese and foreigner students in Anhui Agricultural University, Hefei

School-wide, classroom-based, or individual child-focused interventions can be used to manage or change behaviour in schools. These include a variety of antecedent strategies aimed at reducing the emergence of problematic behaviours as well as a variety of those that provide positive consequences for appropriate student behaviour. There is also information on teacher feedback and a discussion of strategies for improving teacher-student relationships.

Publications in HEC Recognized Journals:

S. No	Title of Paper	Name of Journal	National/ International	IF	Publicati on Date
1.	Quantitative trait loci associated to Fusarium head blight resistanc e in wheat populations containing Annong-1124 and Zhoumai 27	Physiological and Molecular Plant Pathology	International	2.72	2017
2.	Wheat defense response to Fusarium head blight and possibilities of its improvemen	Physiological and Molecular Plant Pathology	International	2.72	2017
3.	Integrated control of fusarium	Plant Pathology	International	2.59	2018

	head blight and deoxynivalenol mycotoxin in wheat				
4	Wheat resistance to Fusarium head blight and possibilities of its improvement using molecular marker-assisted selection	Czech J. Genet. Plant Breed	International	0.89	2017
5	Genes responsible for powdery mildew resistance and improvement in wheat using molecular marker assisted selection	Journal of Plant Diseases and Protection	International	1.92	2018
6	Development and Verification of Wheat Germplasm Containing Pm21	International Journal of Agriculture & Biology	National	0.85	2018
7	Improving lodging resistance: using wheat and rice as classical examples	International journal of molecular sciences	International	5.92	2019
8	Chitosan Oligosaccharides Stimulate the Efficacy of Somatic Embryogenesis in Different Genotypes of the Liriodendron Hybrid.	Forests	International	2.63	2021
9	Plant defense mechanism and current understanding of salicylic acid and NPRs in activating SAR. ybrid.	Physiological and molecular plant pathology	International	2.72	2018
10	Identification and mapping of an early leaf senescence trait, es2 mutant, in rice	Pakistan Journal of Botany	National	0.97	2020
11	Effects of GS3 and GL3. 1 for Grain Size Editing by CRISPR/Cas9 in Rice	Rice Science	International	3.33	2020
12	OsPG1 encodes a polygalacturonase that determines cell wall architecture and affects resistance to bacterial blight pathogen in rice	Rice	International	4.78	2021
13	Expansion and Molecular Characterization of AP2/ERF Gene Family in Wheat (<i>Triticum aestivum</i> L.).	Frontiers in Genetics	International	4.59	2021
14	Effects of Heat Stress on Growth, Physiology of Plants, Yield and Grain Quality of Different Spring Wheat (<i>Triticum aestivum</i> L.) Genotypes	Sustainability	International	3.25	2021