



MCKRU

Mir Chakar Khan Rind University Sibi

Forever Learning , Through Knowledge and Hardwork

Personal Details

Full Name: Rafiq Ahmad
Designation: IPFP fellow
Department: Department of Botany
Faculty: Botany
Contact Number: 0344-9165326
Email address: rafiqnenu2015@gmail.com
Qualification: PhD in Botany
Date Awarded: 15 July, 2019
Awarding Institute: Northeast Normal University
China
Subject areas: Biology, All Botany related subjects



Personal Achievements and Interests:

I have four years' experience in molecular biology laboratory. I have also experience in phytochemical and microbiology lab, during my Ph.D. duration, I worked on model plant Arabidopsis, I have also experience in rice, tobacco, tomato, cannabis, soybean as well as canola. I have experience as laboratory in charge both school and college level. I have also experience how to care laboratory equipment, order the necessary experimental requirements on time, check and balance of laboratory machines, electricity and other basic requirements. I have also experience to keep records all lab equipment's, financial records and daily or weekly base discussion with supervisor or high authority. I have also experience how to collect physiological data stress related experiments (water loss, drought stress figures, stomatal study etc). I have work on stress related experiments such as drought stress and osmotic stress, salt stress, by using hormones ABA. I have experience in some experiments like PCR, RT PCR, cloning, RNA, DNA extraction, basic culture procedures, microscopy, and RNA sequencing data analysis.

I published papers in peer review journals like Plant physiology (7SCI (w-categories) two paper in New Phytologist (8.5 Sci (W-Categories), Molecular plant physiology (3.5 SCI (W-Categories) as well as two papers in Y-Categories.

Courses

QUALIFICATIONS

Degree Title (eg: PhD)

Qualification: PhD
Date Awarded: 15 July, 2019
Awarding Institute: Northeast Normal University
Jilin, Botany (Plant Molecular Biology)

Degree Title (eg: MPhil)

Qualification: MPhil
Date Awarded: 2013

Awarding Institute: Hazara University
Mansehra, MPhil Botany
HEC Approved Supervisor: N/A, Will soon apply for that

WORK EXPERIENCE DETAILS

02/2021, Mir Chakar Khan Rind University, Sibi, Pakistan

IPFP Fellows, Botany.

01/2016 to 05/2019, Northeast Normal University, Jilin, China

Tutor

11/2010 to 11/2011, Government Degree Collage Lund Khwar, Mardan, Pakistan

Lecture in Botany

03/2012 to 03/2013, Buraq Education System, Peshawar, Pakistan

Lecture in Botany

04/2013 to 04/2015, IBA Education System, Peshawar, Pakistan

Lecturer in Botany

I have Management skill, I have experience to guide the research level/ as well as teaching skill at MPhil and other graduates' students, Northeast Normal University. I have achieved best teaching award from directorate of Higher Education, Peshawar, Khyber Pakhtunkhwa. I have received outstanding international students award, Northeast Normal University, China.

I have excellent teaching experiences both national and international

I am active participant in all extra-curriculum activities, such sport, I have best player of badminton, volleyball, swimming, participating all culture shows and active participating. And guide students how to perform in different kind of ceremony. I organized many cultures shows in China

Publications in HEC Recognized Journals:

S. No	Title of Paper	Name of Journal	National/ International	Publication Date
1.	GOLDEN2 LIKE Transcription Factors Regulate WRKY40 Expression in Response to Abscisic Acid	Plant Physiology	International-W- categories	2019
2.	Arabidopsis Histone H3K4 Demethylase JMJ 17 Functions in Dehydration Stress	New Phytologist	international-W- categories	2019

3.	Trithorax group protein ATX5 mediates the glucose response via impacting the HY1ABI4 signaling module	Plant molecular biology	internationals-W-categories	2018
4	Trithorax group proteins ARABIDOPSIS TRITHORAX4 (ATX4) and ATX5 function in abscisic acid and dehydration stress responses	New Phytologist	international-W-categories	2018
5	Nutritional and elemental analyses of some selected fodder species used in Traditional medicine	African Journal of Pharmacy and pharmacology	Y	2011
6	Potassium Management for the improvement of growth and yield of grass Pea (Lathyrus Sativus L.)	International Journal on Emerging Technologies	Y	2021
7	Salinity Stress-A Treatment to Rice Production Breeding Strategies to Develop Salinity Tolerance in Plants	Meh. J. Sci. Tec		2021