

IBAD ALI



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Nationality: Pakistani

Address: Bahadar khan, p/o; Takkar, Teh; Takht Bhai

Distt; Mardan Pakistan

CAREER OBJECTIVE

To obtain an entry level research Assistant position where I could apply my wide knowledge of technical skill and education for the effective completion of each task.

RESEARCH INTEREST

Biological function and expression of genes related to plant stress and plant type, Agriculture biotechnology, plant biotechnology, gene expressions, Bioinformatics, molecular biology, Genetic, Nanotechnology & stem cell technology

EDUCATION

2019-2021

ABDUL WALI KHAN UNIVERSITY MARDAN

MS/MPhil in Biotechnology

CGPA 3.32/4, Grade A,

2015-2019

ABDUL WALI KHAN UNIVERSITY MARDAN

BS (Hons) in Biotechnology

CGPA: 3.08/4, Grade: A,

2012 – 2014

BISE MARDAN

F.Sc (Pre-Medical)

Grade: A, Marks: 820/1100 and Percentage: 74.54

PROJECTS

BS PROJECT

Work as interne under the supervision of Dr. Aqib Iqbal Associate professor in (IBGE) institute of biotechnology & genetic engineering. Protein, DNA/RNA extraction from plants. Mass spectrometry and purification and quantification from all sorts of samples using molecular techniques.

MS PROJECT

ANALYSIS OF KEY GENES OF STEVIOL GLYCOSIDES BIOSYNTHESIS PATHWAY IN NANOPARTICLES TREATED STEVIA CALLUS.

Key Responsibilities

Responsible for doing all production and purification activities, Proficient to work with stranded etc. Buffer preparation and solution, conduct lab meeting, Collection of samples, Provide ready access to all experimental data for the faculty equipment, incubators, biosafety cabinets, centrifuge, pipetting, autoclaves, weighing balance, pH meter, and PCR researcher and Advisor, Request or acquire equipment or supplies necessary for the lab, Assignment grading of undergrad students, Help of undergrad students during experiment and Presentation of data to in conferences and Pharmaceutical companies.

LAB SKILLS

Sampling, inoculation, incubation, inspection, and identification, Media and buffer preparation, Extensive knowledge of DNA extraction, PCR, Purification of DNA, Gel Electrophoresis, mass spectrometry, microscopy.

DIGITAL SKILLS

Microsoft excel, Microsoft PowerPoint, NCBI Database, blasting for sequencing, Proficient in 16s Amplicon sequencing data analysis, Tag sequencing for microbial community profiling etc.

PUBLI CATIONS

- "Hepatitis B epidemiology and diagnosis in blood donors of district Mardan KP Pakistan" Journal of Entomology and Zoology Studies.
- "Chemiluminescent microparticle immunoassay-based detection on blood donor and Incidence of HCV virus in district Mardan Pakistan" Journal of Entomology and Zoology Studies.

SEMINAR & CERTIFICATE

- Attend a seminar on “TICK AND TICK-BORNE PATHOGENS OF KHYBER PUKHTOONKHWA” at 25th November 2019 in department of Biotechnology AWKUM, kpk Pak.
- Attend a poster presentation in Department of Biotechnology “AWKUM” at 19th february 2019 KPK Pak

TEACHING EXPERIENCE

One & three month of teaching experience in Abdali Model School & College Mardan.

Six months teaching experience in Dr. Shamim School & College.

ACADAMIC REFERENCES

- **Dr. Muhammad Arif**
Associate professor (AWKUM) Garden Campus, Abdul wali khan university mardan.
Email; arif@awkum.edu.pk
 - **Dr. Ayaz Ahmed**
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