

IRUM KHAN

D/O Haji Nawab

+92 333 4485411

Irumkhankalila@yahoo.com

Female

Malakand Dargai Pattak,
District Malakand ,
Pakistan



Objective

To work with a dynamic and reputed organization that offers versatile opportunities for comprehensive career building and skills development by serving in a professional work environment. Seeking a challenging position in a growing organization where my acquired skills and knowledge will be utilized towards continued growth and development of the organization.



Education

COMSATS UNIVERSITY ISLAMABAD, PAKISTAN

Ph. D (Biosciences)

Thesis Submitted
(Under Review)

ISLAMIA COLLEGE UNIVERSITY PESHAWAR, PAKISTAN

M.Phil Botany

- 2017

ISLAMIA COLLEGE UNIVERSITY PESHAWAR, PAKISTAN

B.S Botany (Hons)

- 2013

BISE MALAKAND, PAKISTAN

Intermediate

- 2008

BISE MALAKAND, PAKISTAN

Matriculation

- 2006



Work Experience

INTERNATIONAL MAIZ AND WHEAT IMPROVEMENT CENTER
(CIMMYT), MEXICO

14 May 2023 - 18 Nov
2023

Visiting Research Scholar

Lab (Wheat Chemistry and Quality)

Analysis of grain milling and flour quality (CIMMYT Lab, Mexico)

Analysis of gluten and dough rheological properties (CIMMYT Lab, Mexico)

Analysis of Bread making quality (CIMMYT Lab, Mexico)

Analysis of Chapatti quality (CIMMYT Lab , Mexico)

Engage in high-level research related to a specific field of study.

Develop and implement research methodologies and frameworks.

Analyze data, interpret findings, and contribute to academic knowledge.

Work closely with faculty members and research teams to support collaborative projects.

Participate in academic discussions, workshops, and seminars.

Produce research papers, reports, or other publications in collaboration with faculty.

Present research findings at conferences, seminars, or internal meetings.

Participate in academic programs, including lectures and student mentoring.

Contribute to the intellectual life of the host institution by attending and organizing seminars.

Assist in grant writing or securing funding for research projects.

Perform administrative duties related to research projects as needed.

CENTRALIZED RESOURCE LAB PHYSICS , UNIVERSITY OF
PESHAWAR, PAKISTAN

- 2015

Research Trainee

Research Trainee



Publications

1. Palynological investigation of some selected species of family Fabaceae from Pakistan, using light microscope and scanning electron microscope.
2. Pollen viability-based heat susceptibility index (HSI_{pv}): A useful selection criterion for heat-tolerant genotypes in wheat.
3. Optimizing Wheat Pollen Preservation for Enhanced Viability and In Vitro Germination



Skills

Research

- Pharmacognostic activities of plants.
- Palynological and Morphological study of plants.
- Plant genetics and Genomics

Computer

- Good typing speed, and expert in Microsoft Office Word, Microsoft Office PowerPoint, Microsoft Office Excel and installation of software's.



Languages

- English
- Urdu
- Pashto



Interests

- Reading Books
- Travelling
- Sports



References

Reference will be provided on demand