

Dr. Salik Nawaz Khan

Associate Professor (TTS, Retired), Agriculture/Plant Pathology
HEC Approved PhD Supervisor

Institute of Agricultural Sciences, University of the Punjab, Lahore

↔ HEC Supervisor Profile

+92 (333) 4918299 | ✉️ drsalikiags@gmail.com



Summary

Microbiologist and plant pathologist with over 30 years of diverse experience in agricultural research, teaching, and policy implementation. Specialized in **Agriculture Plant Pathology**, with significant contributions to sustainable crop protection strategies.

Recent Teaching Experience

- | | |
|---|----------------------------------|
| • Plant physiology and ecology | Quaid e Azam university, |
| • | International Islamic University |
| • Pharmaceutical Microbiology | Iqra University Islamabad |
| • Plant Microbiology and Mycology | Kohsar University Islamabad |
| • Pharmaceutical Microbiology
Islamabad | Quaid e Azam University |
| • Mycology (Fungal Microbiology)
Islamabad | Quaid e Azam University |
| • Bio Diversity
Islamabad | International Islamic University |
| • Environmental Microbiology
Islamabad | Allama Iqbal Open University |

Academic Qualifications

Degree	Major	Institution	Year
Ph.D.	Microbiology / Plant Pathology	Quaid-i-Azam University, Islamabad	2002
M.Sc. (Hons.)	Plant Pathology	University of Agriculture, Faisalabad	1988
M.Sc. (Hons.)	Plant Pathology	University of Agriculture, Faisalabad	1986

Professional Experience

Associate Professor (2014 – 2020 till retirement)

University of the Punjab, Lahore

- Design and manage research projects on microbial and environmental stress in crops.
- Teaching core courses: Plant Pathology, Disease Diagnostics, Postharvest Quality.
- Disease triangle studies
- Host pathogen interaction
- Interdisciplinary approach in collaboration with public and private sector organizations
- Supervised 8 Ph.D. and 17 M.Sc. (Hons) theses.

Assistant Professor (2003 – 2014)

University of the Punjab, Lahore

- Founding member of Department of Mycology and Plant Pathology.
- Designed curriculum and quality assurance systems.
- Established post-harvest pathology Lab

Agriculture Officer (1989 – 2003)

Agriculture Department, Punjab

- Technology transfer, disease management, and farmer training across Punjab.

Teaching Portfolio

Courses taught at Ph.D. and postgraduate levels:

- Plant Disease Epidemiology
- Seed and Postharvest Quality
- Biological Control
- Stress Physiology
- Environmental Microbiology
- Mycology

Research Interests

- Host–Microbe Interactions
- Biotic & Abiotic Stress Management
- Pathogen Diagnostics and Molecular Characterization
- Postharvest Quality and Storage
- Pollution Impact on Soil and Crops

- Biological Control & Integrated Disease Management
-

Publications

- **75+ peer-reviewed articles** in impact factor journals (full list on request).
 - **Books and Chapters:**
 - *Molecular Characterization of Lasiodiplodia theobromae* (VDM, 2011)
 - *Fenugreek Agronomy*, Chapter, (2014)
 - *Mango Cultivation in Pakistan*, Chapter 25, (2012)
 - Many more...
-

Presentations & Conferences

- Presented at **70+ national and international conferences** (selected titles available on request).
 - Topics include **climate change impacts, pathogen aggressiveness, and postharvest fungal associations.**
-

Achievements

- HEC QEC Focal Person (5 years)
 - NAEC Accreditation Lead, IAGS
 - Published widely on **pathogen stress, allelopathy, pollution effects**
 - Long-term collaborator with universities and private sector stakeholders
-

Professional Skills

- Curriculum and lab design
 - Postgraduate research supervision
 - Conference organization
 - Strong communication skills with multidisciplinary audiences
-

Languages

- English – Fluent
- Urdu – Native

References

Available upon request.