

AGRO-PATHOLOGY BULLETIN

A Biannual Newsletter of the Department of Plant Pathology, University of the Punjab , Lahore.

A Message from the Department



Welcome to the latest edition of the Agro-Pathology Bulletin. As we navigate the evolving landscape of agricultural sciences, the Department of Plant Pathology remains committed to pioneering research and sustainable solutions. This issue captures our recent academic milestones, faculty achievements, and our ongoing dedication to protecting plant health for a food-secure future.

DEPARTMENT OF PLANT PATHOLOGY
FACULTY OF AGRICULTURAL SCIENCES
UNIVERSITY OF THE PUNJAB, LAHORE

PATRON-IN-CHIEF

Prof. Dr. Tehmina Anjum
Dean, Faculty of Agricultural
Sciences, University of the
Punjab, Lahore



PATRON

Prof. Dr. Amna Shoaib
Chairperson, Department of
Plant Pathology, University
of the Punjab, Lahore.



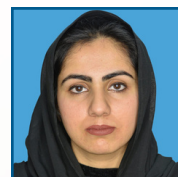
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Prof. Dr. Amna Shoaib
Chairperson, Department of
Plant Pathology



Message from Chairperson

Agro-pathology bulletin is a platform to share the activities, achievements, and voices of our academic community, bringing together students, faculty, and departments across the university. By highlighting academic progress, research updates, events, and student initiatives, it strengthens communication and a sense of belonging. For our students the future plant pathologists, this bulletin is also a space to grow, reflect, and be inspired. Your curiosity, discipline, and dedication will shape the future of plant health and sustainable agriculture. Every achievement shared here represents effort, learning, and progress. I encourage you to take pride in your work, engage actively, and contribute with confidence. Together, Agro-pathology bulletin becomes not just a record of news, but a reflection of our collective commitment to learning, collaboration, and excellence.

Prof. Dr. Tehmina Anjum Appointed as Dean Faculty of Agricultural Sciences, University of the Punjab, Lahore.

Prof. Dr. Tehmina Anjum has been appointed as Dean of Faculty of Agricultural Sciences for a three-year term in recognition of her outstanding contributions to plant pathology and sustainable agriculture. A Professor and Founding Chairperson of the Department of Plant Pathology, she is among Pakistan's leading agricultural scientists. With postdoctoral training from the University of Adelaide and Tokyo University of Agriculture and Technology, she has published over 150 research papers. Her research on plant diseases, biological control, plant-microbe interactions, and green nanotechnology promotes sustainable crop protection and food security.

Department of Plant Pathology, University of the Punjab extend its heartfelt congratulations to Prof. Dr. Tehmina Anjum on her appointment as Dean of Faculty of Agricultural Sciences and wishes her continued success in this prestigious role .



DEPARTMENT OF PLANT PATHOLOGY, FACULTY OF
AGRICULTURAL SCIENCES, UNIVERSITY OF THE PUNJAB, LAHORE.

Seminars, Workshops and Conferences

Department of Plant Pathology Hosted Anti-Narcotics Awareness Session to Promote Drug Abuse Prevention Among Students

Department of Plant Pathology, University of the Punjab, Lahore held a Drug Abuse Prevention and Anti-Narcotics Awareness Session on January 22nd, 2026 to educate students about the risks of substance abuse. Major Nazir, Deputy Director (Drug Demand Reduction In-charge, Punjab), and Dr. Maria Ali, Assistant Director, Drug Demand Reduction Program (Punjab), addressed the session. They highlighted the health, psychological, and social impacts of drug abuse, discussed its early warning signs, shared prevention strategies, and promoted healthy lifestyles and responsible decision-making. The session witnessed active participation from students and faculty, reflecting the department's commitment to student well-being and social responsibility.



Prof. Dr. Tehmina Anjum Participated in CropLife Pakistan Networking Iftar Dinner

Prof. Dr. Tehmina Anjum participated in the Networking Iftar Dinner hosted by CropLife Pakistan Association on March 12, 2026. The event brought together key stakeholders from the public sector, academia, farming community, and industry, providing a valuable platform to exchange updates, strengthen professional interactions, and discuss key concerns related to Pakistan's food security.



Prof. Dr. Tehmina Anjum Invited as Speaker for Global Classroom Session at UniSZA

Prof. Dr. Tehmina Anjum was invited as a distinguished speaker for an online session organized by Universiti Sultan Zainal Abidin (UniSZA), Malaysia on May 8th, 2026. The online lecture was conducted via Webex for students enrolled in the courses ABA21003 Soil Microbiology and ABT10503 Microbiology. During the interactive session, Prof. Dr. Tehmina Anjum shared her expertise on key concepts in microbiology and soil microbiology, highlighting the significance of beneficial microorganisms in sustainable agriculture, soil health, and plant productivity. She also discussed recent developments in microbial research and emphasized the role of microorganisms in addressing contemporary agricultural and environmental challenges.

Prof. Dr. Tehmina Anjum Attended Agribusiness Reference Group Networking Forum

Prof. Dr. Tehmina Anjum participated in the Agribusiness Reference Group (ARG) Networking Forum held at Avari Hotel, Lahore, on April 9th, 2026. The forum brought together representatives from the private sector, academia, research institutions, government organizations, and development partners to strengthen collaboration between research and industry for the advancement of Pakistan's agricultural sector.

The discussions focused on the progress and future direction of ARG initiatives, national agricultural priorities, key lessons learned from the Pulses Value Chain Project, and opportunities for developing impactful public–private partnerships. Participants also exchanged ideas on addressing challenges in agricultural production, promoting innovation, and enhancing the adoption of research-driven solutions for sustainable agribusiness development.



Department of Plant Pathology Organized the Research Skill Workshop on Statistical Analysis and Publication-Quality Graphs

Department of Plant Pathology, University of the Punjab, successfully organized the 4th Research Skill Workshop on Statistical Analysis and Publication-Quality Graphs at the Faculty of Agricultural Sciences on April 23rd, 2026. The workshop began with the recitation of the Holy Quran, followed by a welcome address by Chairperson Prof. Dr. Amna Shoaib, who highlighted the importance of publication-quality graphs in scientific communication and thesis writing.

The training session was conducted by Dr. Waheed Akram, Assistant Professor at the Department, who provided hands-on training on GraphPad Prism, statistical analysis, and ANOVA. The organizers also assisted participants with GraphPad software installation to ensure effective learning. Students from different Universities also attended the workshop, making the event collaborative and interactive. Participants appreciated the workshop and received e-certificates via email after submitting their feedback through Google Forms.

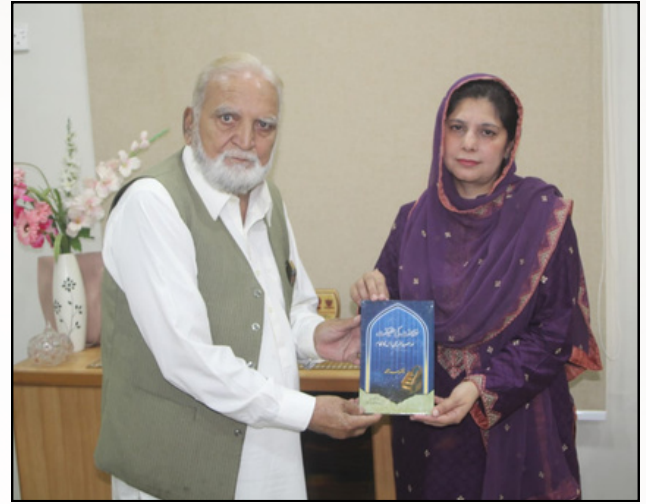


Department of Plant Pathology Organized the Research Skill Workshop on Thesis Writing: Tips, Tools & Techniques



Department of Plant Pathology, University of the Punjab organized a one-day training session titled 5th Research Skill Workshop on Thesis Writing: Tips, Tools & Techniques on April 29th, 2026 at Faculty of Agricultural Sciences, University of the Punjab, Lahore. The workshop focused on literature review strategies, data management tools, thesis formatting, citation techniques, and scientific writing skills. Prof. Dr. Amna Shoaib and Dr. Waheed Akram conducted the session, providing practical guidance for improving academic writing and research quality. Students from the Department of Botany, Department of Chemistry participated actively. Participants appreciated the informative and interactive workshop, while feedback was collected through Google Forms and e-certificates were distributed via email.

Department of Plant Pathology Organized a Seminar on “A Strong Pakistan and the Enlightened Mind: In the Light of Iqbal’s Thoughts”



Department of Plant Pathology, University of the Punjab organized a seminar titled “A Strong Pakistan and the Enlightened Mind: In the Light of Iqbal’s Thoughts” on April 30th, 2026. The event highlighted the philosophical and literary contributions of Allama Muhammad Iqbal and emphasized the importance of the Urdu language in promoting national unity and cultural identity. Teachers, scholars, and students addressed the seminar, discussing Iqbal's vision for Pakistan and his message of self-respect, unity, and youth empowerment. The seminar aimed to inspire students to understand Iqbal's teachings and apply them in their academic and social lives. At the conclusion of the program, participants appreciated the organizers for arranging an informative and thought-provoking event.



Prof. Dr. Tehmina Anjum Addressed the 19th International Agri Asia Conference as Guest Speaker

Prof. Dr. Tehmina Anjum, participated as a Guest Speaker at the 19th International Agri Asia Conference held at the Lahore Expo Centre from May 9–11th, 2026. Addressing the conference on “Academic Leadership in Advancing Climate-Smart and Sustainable Agriculture.



She highlighted the role of higher education institutions in promoting innovation, climate resilience, and sustainable agricultural practices. She emphasized stronger collaboration among academia, industry, and policymakers to enhance food security and support Pakistan’s sustainable agricultural development under the Green Pakistan Initiative.

Prof. Dr. Tehmina Anjum Participated in ISPR National Security and Strategic Leadership Workshop

Prof. Dr. Tehmina Anjum participated in the 4-day ISPR National Security and Strategic Leadership Workshop held at Lahore Garrison from 18–21st May 2026. The workshop brought together professionals from diverse sectors to discuss national security, strategic leadership, and emerging challenges. The experience enhanced her strategic insights, leadership skills, and professional network.

Prof. Dr. Tehmina Anjum Attended the Technical Working Group (TWG) Meeting on Pesticides of Concern



Prof. Dr. Tehmina Anjum attended the CABI PlantwisePlus Technical Working Group Meeting on "Pesticides of Concern for Economically Important Crops of Pakistan" held at Ramada, Lahore, on May 14th, 2026. She participated in discussions on sustainable crop protection and safe pesticide management alongside experts from academia, industry, and government.

Dr. Adnan Akhter Participated in One-Day International Workshop on Genome Editing Innovations in Crop Improvement

Dr. Adnan Akhter participated in the One-Day International Workshop on "Genome Editing Innovations in Crop Improvement" held on May 19th, 2026 at National Institute for Biotechnology and Genetic Engineering, Faisalabad, Pakistan. The event highlighted recent advances and applications of genome editing in crop improvement.

Field Visits

Department of Plant Pathology, University of the Punjab Visited Guard Agricultural Research & Services Pvt. Ltd.



Department of Plant Pathology, University of the Punjab, Lahore, organized an academic and industrial visit to Guard Agricultural Research & Services Pvt. Ltd. on April 16th, 2026. MPhil students visited the seed testing, coating, processing, and packaging facilities. Mr. Rizwan Younis, Dr. Ghazanfar Ali Khan, and Mr. Fahad Saleem (Department alumnus and Technical Manager, Agri Division) shared insights on hybrid seed production, quality control, and sustainable agriculture. The visit promoted practical learning, academia–industry collaboration, and research opportunities. Department sincerely thanks Mr. Shahzad Ali Malik, CEO of Guard Agricultural Research & Services Pvt. Ltd., for hospitality.



Educational Visit of Department of Plant Pathology Students to Thakar Agrochemicals Research Farm



Department of Plant Pathology, University of the Punjab organized an educational visit to the research farm of Thakar Agrochemicals for M.Sc. (Hons.) and B.Sc. (Hons.) students on April 21st, 2026. Led by Prof. Dr. Amna Shoaib and faculty members, the visit focused on field trials of tomato, chilli, cucumber, onion, okra, squash. Students learned about experimental designs, crop evaluation, and observed diseases such as blossom end rot, necrosis, sunscald, and squash mosaic virus. The tour provided valuable hands-on learning, and students highly appreciated the experience through feedback shared after the visit.



University of Arizona Delegation Visited University of the Punjab for USDA–ICARDA Project Collaboration

Dr. Amir Raza from the School of Plant Sciences, University of Arizona, USA, visited the Faculty of Agricultural Sciences, University of the Punjab, from June 8-12th, 2026 to strengthen collaboration under the USDA–ICARDA project. During the visit, he held discussions with Dr. Waheed Anwar, Principal Investigator and Assistant Professor, Department of Plant Pathology, on project activities and future research plans. The joint research team conducted field surveys in the cotton-growing regions of Punjab and Sindh, collecting *Bemisia tabaci* whitefly and Cotton leaf curl virus (CLCuV)-infected plant samples for further investigation. Prof. Dr. Tehmina Anjum met the visiting delegation and reaffirmed the University's commitment to supporting the successful implementation of the collaborative project.



Department of Plant Pathology Organized Recreational Tour to Kumrat Valley for Students



Department of Plant Pathology, organized a recreational tour to Kumrat Valley, Khyber Pakhtunkhwa, for BS, MS, and PhD students from June 15-19th, 2026.



Events

Faculty of Agricultural Sciences Organized FAS Annual Function and Alumni Meet 2026



Faculty of Agricultural Sciences, University of the Punjab, Lahore organized the FAS Annual Function and Alumni Meet 2026 titled “FAS Imaginova Eve” on May 11th, 2026 at The Nishat Hotel, Johar Town, Lahore. The event brought together faculty members, students, and alumni for an evening of memories, joy, and connection. The gathering reflected the spirit of unity, appreciation, and continued association with the Faculty of Agricultural Sciences.



Faculty of Agricultural Sciences Organized FAS Annual Function and Alumni Meet 2026



Achievements

Prof. Dr. Amna Shoaib Awarded Rs. 1 Million University Research Grant for Sustainable Crop Protection Research

The Department of Plant Pathology, University of the Punjab, proudly congratulates Prof. Dr. Amna Shoaib on receiving a Rs. 1 million competitive research grant under the University Development Research Grant (UDRG) Program of the University of the Punjab. Her funded project, "An Integrated Digital Disease Surveillance and Biofungicide Approach for Sustainable Crop Protection," focuses on developing innovative and sustainable strategies for crop disease management. The department extends its heartfelt congratulations and wishes her continued success in her research endeavors..

Prof. Dr. Tehmina Anjum Nominated to Academic Council of GSCWU Bahawalpur

Prof. Dr. Tehmina Anjum, has been nominated as a member of the Academic Council of Government Sadiq College Women University (GSCWU), Bahawalpur, for a three-year term. The nomination, approved by the Chancellor through the Higher Education Department, Punjab, recognizes her outstanding contributions to plant pathology, sustainable agriculture, and academic leadership.

Prof. Dr. Amna Shoaib Granted NOC for Research-Based Spin-Off Company

The University of the Punjab has granted Prof. Dr. Amna Shoaib official permission to establish a research-based spin-off company, recognizing the commercial potential of her innovations. The approval follows the grant of two patents by the Intellectual Property Organization (IPO) Pakistan for sustainable technologies to manage collar rot in chili and charcoal rot in tomato. This milestone highlights the University's commitment to innovation, technology transfer, and commercialization of research for sustainable agricultural development.

DPP Faculty Members Ranked Among World's Top 5% Researchers in SciRank Global 2025

Prof. Dr. Tehmina Anjum & Dr. Waheed Akram have been ranked among the world's top 5% scientists in the 2025 Global Scientist Index maintained by SciRank Global. The recognition is based on scientific productivity and research impact using globally indexed scholarly data, reflecting their outstanding research contributions and academic excellence.

Dr. Waheed Anwar Successfully Completes International Genome Sequencing Project

Dr. Waheed Anwar, Assistant Professor, Department of Plant Pathology, University of the Punjab successfully completed the International project entitled, "Whole genome sequencing of culture-able indigenous Bacteria of Pakistani (2023-25)" Sponsored by GetGenomics, UK.

Prof. Dr. Amna Shoaib Elected Joint Secretary of the Academic Staff Association

The Department of Plant Pathology congratulates Prof. Dr. Amna Shoaib on her election as Joint Secretary of the Academic Staff Association (ASA), University of the Punjab, for a one-year term. The department wishes her continued success in this important leadership role.

Prof. Dr. Tehmina Anjum Nominated as Member of ASRB, Hazara University

Prof. Dr. Tehmina Anjum, has been nominated as a member of the Advanced Studies and Research Board (ASRB), Hazara University, Mansehra. Her nomination reflects her valuable academic leadership, research expertise, and contribution to higher education and agricultural sciences. Department of Plant Pathology extends heartfelt congratulations to Prof. Dr. Tehmina Anjum on this prestigious achievement and wishes her continued success.

Student Chronicles

Dr. Chaudhry Ali Ahmad Promoted to Joint Director at the State Bank of Pakistan

Dr. Chaudhry Ali Ahmad has been promoted to the position of Joint Director at the State Bank of Pakistan, effective August 15th, 2025. In his new role, he oversees the Agriculture Finance Policy and Development Division within the Agriculture Credit and Financial Inclusion Department. He is responsible for formulating policies and initiatives that strengthen agricultural finance and promote financial inclusion across the country. His leadership contributes to enhancing access to credit and supporting the sustainable development of Pakistan's agricultural sector. Department of Plant Pathology, extends its heartfelt congratulations and wishes him continued success in his professional journey.



Dr. Muhammad Asim Javed Joins Université Laval as Postdoctoral Fellow



Dr. Muhammad Asim Javed, an alumnus of the Department of Plant Pathology, has joined Université Laval, Canada, as a Postdoctoral Fellow, marking an important milestone in his academic career after completing his PhD. Department of Plant Pathology extends its heartfelt congratulations and wishes him continued success in his research career.

Muhammad Saad Noor Appointed as Farm Supervisor (Crops Division) at Indus Lands (Pvt.) Ltd.

Mr. Muhammad Saad Noor has been appointed as Farm Supervisor (Crops Division) at Indus Lands (Pvt.) Ltd., Hyderabad, Sindh, Pakistan. In his role, he is responsible for planning, implementing, and monitoring agronomic practices to optimize crop growth, resource utilization, and overall productivity. Department of Plant Pathology, University of the Punjab, extends its heartfelt congratulations and wishes him continued success in his professional career.



Nimra Shehzadi Appointed as Processing Officer (Agri) at the National Bank of Pakistan

Ms. Nimra Shehzadi has been appointed as Processing Officer (Agri) at the National Bank of Pakistan, Regional Office, Gujranwala. In this role, she processes agricultural financing applications and supports the delivery of financial services to the agricultural sector. Her work contributes to improving farmers' access to agricultural credit and strengthening rural development. Department of Plant Pathology, University of the Punjab, congratulates her on this achievement and wishes her continued success.

M. Zia Ullah Jatoi Selected as Intern at Punjab Agriculture Extension Department

Mr. M. Zia Ullah Jatoi, has been selected as an Intern under the Internship Scheme 2025–2026 at the Punjab Agriculture Extension Department. Department of Plant Pathology, congratulates him on this achievement and wishes him success in his professional journey.



Shakeel ur Rahman Qureshi Appointed as Scientific Officer at Guard Agricultural Research and Services Pvt. Ltd.



Mr. Shakeel ur Rahman Qureshi has joined Guard Agricultural Research and Services as a Scientific Officer. The Department of Plant Pathology congratulates him on this remarkable achievement and wishes him continued success in his professional career

Hafiz Zain ul Abideen Appointed as Principal at Thames Institute for Advanced Studies

Mr. Hafiz Zain ul Abideen has been appointed as Principal at Thames Institute for Advanced Studies. In this leadership role, he oversees academic administration, faculty management, and institutional development. Department of Plant Pathology extends its heartfelt congratulations and wishes him continued success in his professional career.



Admissions Open for M.Sc. (Hons.) and Ph.D. in Plant Pathology at the Department of Plant Pathology, University of the Punjab, Lahore, Pakistan.



UNIVERSITY OF THE PUNJAB

FACULTY OF AGRICULTURAL SCIENCES

DEPARTMENT OF PLANT PATHOLOGY

Advancing Science for Sustainable Agriculture

ADMISSIONS OPEN

M.Sc. (HONS.) & PH.D. PLANT PATHOLOGY

- M.Phil. Plant Pathology (Open Merit)
- M.Phil. Plant Pathology (Self-Supporting)

FALL 2026





12+ PhD Faculty
With National & International Expertise



Research Excellence
with Real-World Impact



HEC Recognized Programs



Modern Labs & Advanced Research Infrastructure



International Collaborations & Research Projects



Strong Alumni Network in Pakistan and Worldwide

ABOUT US	RESEARCH AREAS	WHY CHOOSE DPP?
✓ Expert faculty with extensive academic and research experience ✓ HEC recognized programs & Accredited by NAEAC (Category X) ✓ 50–70 peer-reviewed publications annually ✓ Home to Pakistan's First and Only Fungal Culture Bank (FCBP) ✓ Publisher of Mycopath – an HEC-recognized (Y-category journal) ✓ Monthly seminars, global scholarship guidance and field visits ✓ Well-equipped infrastructure for real-world exposure	Plant Disease Management - Microbial Based, Biopesticides, Hydrogels & Biochar - Mycobiomes & Micro Interactions - Entomo pathogenic Fungi Advanced Technologies - Green Nanotechnology - Bioinformatics & Metabolomics - AI and Smart Agriculture Molecular & Cellular Studies - Molecular & Environmental Plant Pathology - Virology & Fungal Diversity - Tissue Culture & In Vitro Techniques Sustainable Agriculture - Essential Oils & Smart Packaging - Seed & Post-Harvest Pathology	✓ Strong Research Culture ✓ Modern Laboratories & Equipment ✓ International Collaborations ✓ Field Exposure & Training ✓ Scholarships & Financial Support ✓ Career-Oriented Education ✓ Contributing to Food Security & Sustainable Future
ELIGIBLE ACADEMIC DISCIPLINES - Plant Pathology - Agronomy - Horticulture - Plant Breeding and Genetics/Genetics - Entomology - Soil Science - Forestry - Agriculture Extension - Biological Sciences - Botany - Biotechnology/Agriculture Biotechnology/Biotechnology and Bioinformatics - Microbiology/Microbiology and Molecular Genetics/Molecular Biology - Plant Sciences - Plant Protection	CAREER OPPORTUNITIES - Research Scientist - Plant Pathologist - Biosecurity Officer - Agricultural Consultant - Seed Industry Expert - Academia & Teaching - Biotechnology Sector - Government Research Institutes FINANCIAL SUPPORT AVAILABLE - HEC Scholarships - PU Merit Scholarships - Research Assistantships (Subject to Availability)	IMPORTANT DATES  LAST DATE TO APPLY 13-07-2026 (11:59 PM)  WRITTEN TEST 21-07-2026 (09:00 AM)  INTERVIEW 05-08-2026 (09:00 AM)

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