

# Curriculum Vitae

**Dr. Muhammad Tauhid Iqbal**

**Lecturer**

University of Agriculture Faisalabad (UAF), Depalpur Campus, Okara, Pakistan

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## 1. Academic Qualifications

### PhD (2017)

#### **Institute of Molecular Physiology and Biotechnology of Plants (IMBIO)**

Rheinische Friedrich-Wilhelms-Universität Bonn, Germany

*Thesis: Physiological, biochemical, and molecular responses of different barley varieties to drought and salinity*

### **M.Sc. (Hons.) Agriculture – Horticulture (2008)**

Institute of Horticultural Sciences, University of Agriculture Faisalabad (UAF), Pakistan

**Percentage:** 68.80%

*Thesis: Morphological, serological, and biochemical studies of foundation citrus plants under screen house in comparison with CTV-infected plants*

### **B.Sc. (Hons.) Agriculture – Horticulture (2006)**

Institute of Horticultural Sciences, University of Agriculture Faisalabad (UAF), Pakistan

**Percentage:** 65.5%

### **Higher Secondary School Certificate – Pre-Medical (with Additional Mathematics) (2001)**

**Marks:** 822/1100 (74.72%, Grade A)

### **Secondary School Certificate – Science (1998)**

**Marks:** 710/850 (83.53%, Grade A+)

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## 2. Professional Experience

### **Lecturer (Current)**

University of Agriculture Faisalabad (UAF), Depalpur Campus, Okara, Pakistan

## Research Assistant (2007)

Project: *Establishment of a Modern Citrus Nursery of Certified Plants through Sanitation Techniques*

## Three- Month Internship

Post Harvest Research Center, Ayub Agricultural Research Institute (AARI),  
Faisalabad, Pakistan

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## 3. Research Publications

1. **Hussain S. S., M. T. Iqbal, M. A. Arif, M. Amjad. (2011).** Beyond osmolytes and transcription factors: drought tolerance in plants via protective proteins and aquaporins. *Biologia Plantarum*, 55(3): 401–413.
  2. **Mangi, N., Iqbal, M. S., Fan Shuli, Iqbal, M. T., et al. (2024).** Empowering cotton breeding programs through exploration and exploitation of phenotypic diversity under climate change. *Plant Stress*, 13: 100548.
  3. **Riaz, C., Shafiq, M. R., Ahmad, M. T., Iqbal, M. T., et al. (2025).** Assessment of genetic variability and trait associations among yield components in tomato (*Solanum lycopersicum* L.). *Letters in Biomathematics*, 12(1).
  4. Alam, M. W., Anjum, S., Sarwar, M., Mukhtar, A., Hameed, A., Hussain, T., & Iqbal, T. (2026). Eco-Friendly Gum Arabic–Essential Oil Coatings for Decay Control and Quality Preservation of Pomegranate Fruit During Storage. *Applied Fruit Science*, 68(1), 22.
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## 4. Trainings & Workshops

- Participated in 5-Day Training on *Mid-Career Faculty Training and Professional Development*, UAF Main Campus Faisalabad (8–12 September 2025)
- Attended International Conference on Food and Applied Sciences, University of Okara (7–8 April 2025)
- Attended 3-Day Workshop on *Pol-tunnel farming System*, UAF Constituent College Depalpur, Okara (2–4 June 2025)
- Participated in World Environment Day event organized by Pakistan State Oil (5 June 2024)
- Participated in Potato Festival and Exhibition, Potato Research Institute Sahiwal (27 January 2024)

- Participated in workshop on *Maximizing the Chances of Publication, Data Handling, Manuscript Write-up, and Graph Preparation*, UAF Constituent College Depalpur, Okara (13 July 2023)
  - Participated in National Seminar on World Fisheries Day, UAF Constituent College Depalpur, Okara (21 November 2022)
  - Participated in seminar on *Role of Tilapia Fish in Controlling Dengue*, UAF Constituent College Depalpur, Okara (28 September 2022)
  - Professional Certificate in Mushroom Cultivation (1-week), 2006
  - International Symposium on Prospects of Horticultural Industry in Pakistan at University of Agriculture, Faisalabad (28–30 March 2007)
  - Workshop on Production of Disease-Free Citrus Nursery Plants at University of Agriculture, Faisalabad (12–13 September 2007)
  - National Conference on Agricultural Challenges, Opportunities, and Options at University of Agriculture, Faisalabad (May 2008)
  - Resource Person: One-Day Workshop on Laboratory Biosafety, UAF Depalpur Campus (21 February 2019)
  - Certificate of Participation: Farmers' Meeting-cum-Workshop (September 2019)
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## 5. Organized Seminars & Events

- Focal Person: Eid Milad-un-Nabi Event at UAF Constituent College Depalpur Okara (6 September 2025)
- Organizing Committee Member: Three-Day Workshop on *Vertical Tunnel Farming System – Sustainable Resource-Efficient Vegetable Production Approach* at UAF Constituent College Depalpur Okara (2–4 June 2025)
- Organizing Committee Member: Two-Day Training Workshop for Lady Health Workers at UAF Constituent College Depalpur Okara (13–14 February 2025)
- Organizer: One-Day Workshop on Potato – *Remedial Measures of Smog and Fog on Potato Crop*, in collaboration with PHDEC at UAF Constituent College Depalpur Okara (12 December 2024)
- Organizer: Eid Milad-un-Nabi Event at UAF Constituent College Depalpur Okara (17 September 2024)
- Organizer: Major Orientation Seminar for 4th Semester BSc (Hons.) Agriculture students, UAF Constituent College Depalpur, Okara (7 May 2024)
- Organizing Committee Member: Art Exhibition in collaboration with University of Sahiwal at UAF Constituent College Depalpur Okara (21 April 2024)
- Scientific Committee Member: Webinar on *Climate Resilient Agriculture – Strategies and Prospects* (24 October 2023)

- Organizing Committee Member: Two-Day Workshop on *Application of Statistical Techniques in Agriculture and Natural Sciences* at UAF Constituent College Depalpur Okara (18–19 October 2023)
- Organizing Committee Member: Road Safety Seminar at UAF Constituent College Depalpur Okara (5 September 2023)
- Organizing Committee Member: Spring Festival at UAF Constituent College Depalpur Okara (9–10 March 2023)

## 6. Research Interests. Research Interests

- Plant physiology and stress biology (drought & salinity)
  - Horticultural crop improvement
  - Citrus nursery sanitation and disease management
  - Pomology
  - Climate change impacts on crop performance
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## 6. Additional Skills

- Molecular and biochemical analysis techniques
  - Greenhouse and screen house research handling
  - Data management and statistical analysis
  - Germplasm screening under abiotic stress
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## 7. References

Available upon request.