

Curriculum Vitae

Alaa Gamal Hassan

Department of Plant Pathology, Faculty of Agriculture,

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Education

- Ph.D. student, Plant Pathology, Assiut University, Egypt. 2025- present
- Master of Science, Plant Pathology, Assiut University, Egypt. 2022 to 2025
- Thesis: *Occurrence, Population Density and Management of Plant Parasitic Nematodes Associated with Peanut Plants in Assiut Governorate, Egypt.*
- Bachelor of Agriculture Sciences, Assiut University, Egypt. 2016 to 2020
- Major: Plant Pathology | Minor: Plant Pathology

Professional Experience

- Assistant Lecturer, Department of Plant Pathology, Assiut University, Egypt. 2021- present
- Assistant Lecturer (Part-time) Instructor, Higher Institute for Agricultural Cooperation, Assiut University, Egypt.
- Conducted advanced research on various plant pathogens, focusing on diagnosis and management strategies.
- Assisted in supervising undergraduate laboratory sessions and practical exams.
- Contributed to departmental research projects and data analysis.

Teaching Experience

Taught and supervised practical sessions for several undergraduate courses at Assiut University and Extension, including:

- Principles of Plant Pathology.
- Plant Nematology. 2022-2025
- Bacterial Plant Diseases. 2022-2025
- Physiology and Taxonomy of Fungi. 2022-2025
- Insect Pests and Plant Diseases. 2022-2025
- Delivered theoretical and practical session on Agriculture Extension and Plant Protection.

Peer-Reviewed Publications

Hassan, A. G., Amein, A. M. H., El-Zawahry, A.M., Elfarash, A.E., & Bagy, H. M. M.

K. (2025). Biochar Addition to Soil as an Eco-Friendly Approach for Controlling Peanut Root-Lesion Infecting Nematode. *Assiut Journal of Agricultural Sciences*, 56(1), 147–156.

Mostafa, R. G., **Hassan, A. G.**, Amein, A. M. H., El-Zawahry, A. M., Elfarash, A., Bagy, H. M. M. K., & Samy, A. M. (2026). "Identification of Root-Lesion and Root-Knot Nematodes on Peanut Using Morphological and PCR-Based Methods." *Assiut Journal of Agricultural Sciences*. DOI: 10.21608/AJAS.2026.465913.1597.

Academic Theses & Dissertations:

Hassan, A. G. (2025). Occurrence, Population Density and Management of Plant Parasitic Nematodes Associated with Peanut Plants in Assiut Governorate, Egypt. Master's Thesis. Department of Plant Pathology, Faculty of Agriculture, Assiut University, Egypt.

Professional Development & Academic Activities

Workshops, Seminars & Conferences:

- Role of Fungi in Biotechnology and Sustainable Development (April 5-8, 2026)
- Organizer & Participant, Research Ethics Seminar – Assisted in organizing and attended the event on ethical practices in scientific research (May 6, 2025).
- Participant, Biodiversity of Fungi Involved in the Biological Control of Plant Diseases and Pests (March 3–6, 2024).
- Participant, Strategic Planning Workshop – Training on Strategic Planning and Organizational Development (January 1–5, 2024).
- Participant, Organization of Nematologists of Tropical America (ONTA 53rd Meeting, Cairo, Egypt, September 24–29, 2023).
- Participant, Role of Fungi in Biotechnology and Sustainable Development (2023).
- Participant, 10th Scientific Conference for Young Researchers (2022).
- Participant, Cereal Molecular Plant Breeding and Genetics – International Symposium, MGBS (2022).
- Participant, 3rd International Plant Genetics and Genomics Symposium (2021).
- Participant, Seminar: Nematode Diseases (2019).
- Participant, Workshop on Scientific Research Platforms (Google Scholar, ResearchGate) (2019).
- Participant, Roof-top Cultivation: A Profitable Project and a New Faculty (2019).

- Participant, Training in Roof Planting and Cultivation of Fruit Seeds (2018).
- Participant, English Workshop (2018).
- Participant, Essential Work Skills Program (2018).
- Secretary, Scientific Committee for Student Activities, Faculty of Agriculture, Assiut University (2017–2018).

Professional & Training Courses:

- Principles of Measurement and Evaluation and Their Ethics (Feb. 2025).
- Academic Guidance (Oct. 2024).
- Effective Communication Skills (Nov. 2024).
- Preparation of Specification Table (Oct. 2024).
- Preparing a Proposal for a Competitive Research Project (Oct. 2024).
- Fundamentals of Digital Transformation Certificate (5 Mandatory Modules + Electives: Web Search – Mobile App) (2024).
- Preparing the Test Item (Feb. 2024).
- Evaluation of Oral and Clinical Tests (Oct. 2023).
- Statistical Analysis in Scientific Research SPSS (Feb. 2023).