

Hagar Mosaad Abd El-Salam Abd El-Latif

Teaching Assistant | Botany Department

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Data of birth: 12/03/1995

Nationality: Egyptian

address: First Settlement, New Cairo, The fifth district

Professional Summary

Dedicated Teaching Assistant with a strong academic background in Botany, specialized in Phycology, holding a master's degree and actively involved in scientific research, laboratory work, and academic conferences. Proven experience in laboratory analysis, water treatment processes, and research activities. Award-winning researcher with demonstrated excellence in innovation, applied research, and academic collaboration.

Academic Position

Teaching Assistant - Women's College, Ain Shams University, Cairo (October 2018 – Present)

- Assist in undergraduate teaching, laboratory supervision, and academic research
- Participate in scientific conferences, research competitions, and innovation exhibitions
- Contribute to research activities related to applied sciences and Phycology

Education

Master's degree in Botany (Phycology)
Ain Shams University, Egypt
2025

Bachelor's degree in Botany & Chemistry
Ain Shams University, Egypt
2013 – 2017

Training & Professional Development

- Scientific Writing
- Scholarly Publishing in Indexed Journals
- Time Management
- Proposal Writing for Individual Fellowships
- Legal Aspects of Academic and University Work for Teaching Assistants
- Creativity for the Future
- Employing Key Microsoft 365 Applications in E-Learning
- Applications of Artificial Intelligence in Teaching and Learning
- Fundamentals of Generative Artificial Intelligence in Higher Education

Awards & Achievements

- First Place – Competition of Applied Master’s & PhD Research Outputs (2024) (Master’s Thesis Research)
- First Place – She Innovates Competition, Women’s College, Season 5 – Research Track (Master’s Thesis Research)
- Honored by the Dean of the Women’s College for attending the Scientific Innovations Exhibition – Ain Shams University (2024)

Conferences, Certifications & Academic Participation

- Women’s College Conference (2024)
“Digital Transformation and Artificial Intelligence: Opportunities and Challenges”
- Certificate of Appreciation for participation in the Botany Department Conference (2025)
- Participation in the Scientific Innovations Exhibition held alongside Ain Shams Innovates Competition 2024 (Master’s Thesis Research)

Training & Professional Experience

- **Trainee – National Organization for Drug Control and Research (NODCAR)**
August 2016
- **Trainee – National Organization for Drug Control and Research (NODCAR)**
August 2015
- **Trainee – Technical Training Center, Musturad Drinking Water Company (Greater Cairo) August 2015**
 - Learned drinking water purification processes
 - Removal of contamination and algae
 - Adjustment and control of hypochlorite levels according to water pollution degree
- **Laboratory Analysis Trainee – Medical Center, First Settlement**
July 2014 – August 2014
 - Performed laboratory analysis of blood, urine, and stool samples
 - Conducted hemoglobin tests, erythrocyte sedimentation rate (ESR), and pregnancy tests
- **Training in Blood Extraction**
 - Preparation of blood collection equipment
 - Safe blood withdrawal, storage, and transportation of samples

Key Skills

- Strong under pressure and deadline-driven
- Research & scientific analysis
- Data analysis, interpretation, and reporting
- Laboratory & practical skills
- Accuracy and strong attention to detail
- Ability to work under pressure and multitask
- Problem-solving skills
- Strong communication and teamwork abilities
- Patience, perseverance, and high concentration
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Languages

- Arabic: Native
- English: Very Good (Reading, Writing, Speaking)

Interests

- Reading novels
- Basketball
- Swimming
- Internet research and exploration