



AHMED ELSHABRAWY

Lecturer Assistant

About Me

Motivated assistant lecturer in conservation with strong research potential and proven track record. Experienced in teaching practical courses for students. Adaptive, flexible, and proactive in new work environments.



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Conservation Dep., Faculty of
Archaeology, Cairo University-
Giza - Giza-Egypt.

Language

- Arabic (Native)
- English (Fluent)
- French (Good)
- Spain (basic)

Expertise

- Research Skills
- Teaching Skills
- Art Conservation Skills
- Documentation Skills
- Creativity
- Negotiation
- Critical Thinking
- Leadership

Experience

Lecturer Assistant

Cairo University, Egypt : [Jun. 2022 – present](#)

Senior lecturer assistant in the Conservation of wall paintings. Teaching practical lectures and courses in Conservation to students in both the under and postgraduate stages.

Demonstrator

Cairo University, Egypt: [Oct. 2016 – May 2022](#)

Same duties as the lecturer assistant. Helping in preparing and teaching the practical courses with all materials of cultural heritage property.

Education

Cairo University, Faculty of Archaeology Conservation Department

PhD Student, [Nov. 2023 – present](#)

Thesis Title- “Integrating AI-Driven Solutions for Condition Assessment, Automated Analysis, and Conservation of Wall Paintings: A Novel Multidisciplinary Approach for Cultural Heritage Protection”.

Pre-PhD Course, [Sep. 2022 – Jul. 2023](#)

One academic year of studying some advanced courses in conservation science to pursue PhD studies.

MSc. In Conservation of wall paintings and reliefs, [Mar. 2018 – May 2022](#)

Thesis title "Study of Iron Compounds Effect on the Deterioration of Paint Layer in Wall Paintings and Reliefs, Treatment and Conservation Methods "Applied on a Selected Object."

Grade : Excellent: A 95% - Undersupervision of Prof.Dr.Mona Fouad Ali – 2022.

Pre-MSc. Course, [Sep. 2016 – Jul. 2017](#)

One academic year of studying some advanced courses in conservation science and conservation principles to pursue the master's studies. Excellent.

Bachelor of Science, [Sep. 2011 – Jul. 2015](#)

One academic year of studying some advanced courses in conservation science and conservation principles to pursue the master's studies. Excellent with Honors degree.

Diploma, Technology University. [Sep. 2011 – Jul. 2015](#)

Graduated in the Department of Architectural Conservation, Technical Institute for Conservation. Excellent with honors degree.

Research Interests

- Conservation Sciences
- Artificial Intelligence
- Pigments and colorants
- Examination and Analysis
- Material science
- Nanomaterials
- Archaeometry
- Ethics and Protocols
- Microclimatic control
- Climate change

Skills

Technical

-Conservation of Art Works
-2D and 3D documentation of monuments and historical buildings
- Programs: AutoCAD, 3DMax, 3Dzefyr, Photogrammetry Bundle, SketchUp, Photoshop, Illustrator, InDesign, Microsoft Office
- Scientific software: Match!, XRD, QXRD, Profex, Origin, Spectragryph, FTIR Essential, Mountain, SPSS.
Programming: Python, SQL, LLM , and Data Science (Self-Learning Beginner)

Personal

Photography, painting, traveling, volleyball, Designs, programming, and Self Learning

Soft skills

Effective Communication, Critical Thinking, Leadership, Interpersonal, Problem-Solving, Adaptability, Time Management, Attention to Detail, Project Management, and Cultural Sensitivity.

All references are available upon on request

publications and Presentations

- Elshabrawy, A. (2023). Assessment of the use of innovative methods and digital restoration in the development of archaeological heritage sites. In Athar, Research on Heritage Impact Assessment: ALULA international conference on Heritage Impact Assessment (ISBN: 978-9953-591-75-9),pp 571-585
- Elshabrawy, A. (2022) Rock Varnish Crusts in Archaeological Sites Between Deterioration and Sustainable Conservation In light of Climate Change - The current situation and the future of Egyptian antiquities in light of climate change conference - Scientific Research Academy- Egypt.
- Elshabrawy, A., Ali, M. (2021). 'Characterization of Rock Varnish Ferromanganese Crusts on Ancient Egyptian Wall Paintings from Bahariya Oasis, Egypt,' Shedet, 8(8), pp. 168-185. doi: 10.21608/shedet.2021.207866
- Elshabrawy, A., Algohary, M.(2021). Artificial intelligence applications in the imaginary conservation of historic collections and buildings protect their authenticity against theft and forgery- Applications of artificial intelligence in the social sciences and humanities, Characteristics - Software - Implementation Mechanisms conference - Faculty of Arts, Cairo University-Egypt.
- Elshabrawy, A., Algohary, M.(2021). Documentation of Museum collection with Photogrammetry applications controlled with AI Applications of artificial intelligence in the social sciences and humanities, Characteristics - Software - Implementation Mechanisms conference - Faculty of Arts, Cairo University-Egypt.

Activities

In my conservation work, I've:

- Planned for the Mosque of Lady Houria in Beni Suef (2022).
- Conserved panel paintings at Deir Al-Malak church in Cairo (2020). Consulted on conservation plans for churches.
- Preserved historical collections in Giza (2020).
- Managed collections at La Charité de Saint Vincent in Cairo (2017).
- Preserved churches in Cairo and Buhyira (2016).
- Conserved Al-Azhar mosque in Cairo (2015).

Current roles in University Community:

- Director Board Member at the Center for Restoration, Cairo University (2022-present).
- Member of Documentation Center of Cultural Heritage - Civil Coordination (2021-present).
- Committee Member for Inventory of archaeological collections at Cairo University - Civil Coordination (2022-present).
- Council Member for Community Service and Environmental Development Affairs (2022-present).
- Part of the Technical Office at the alliance of Greater Cairo universities (2024-present).
- Member of Environmental and Community Awareness Committee (2023-present).

Volunteering and Community Service

- Participation in development convoys with Cairo University and Hayah Karima Foundation across various Egyptian regions (2020 - 2024)
- Workshops for children on handicrafts and social marketing, Cairo University initiatives (2022 - 2023).
- Workshops for Special Needs children on handicrafts and Art for self-expression and self-discovery (2024).
- Participating in many external community activities to raise archaeological and environmental awareness for citizens and children (2018-2024).