

Shrouk Hassan Galal Awad

Assistant Lecturer

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Address: New Damietta – Egypt.

EDUCATION

- **Currently enrolled in a PhD degree** with a thesis titled: 'Detection of Rare, Precious, and Radioactive Metals Using Remote Sensing and Artificial Intelligence in the Eastern Desert of Egypt.' (Public Works Engineering),

[Mansoura univ. 2025.](#)

- **Master Degree** in Engineering Science (Public Works Engineering), [Mansoura univ. 2023.](#)

Thesis Title: Uses of geographic Information system and Remote Sensing to study the Nature Resource Management of Red Sea Governorate, Egypt.

- **Bachelor** of civil engineering, [Mansoura univ.](#) Sep2008 – Jun 2013.

Project: Port Engineering, Grade: Excellent.

PUBLICATIONS

- Galal, Shrouk; Zarzoura, Fawzi Hamid; and El-Mewafi, Mahmoud (2023) "Uses of Geographic Information Systems and Remote Sensing to Study the Natural Resource Management of the Red Sea Governorate, Egypt," Mansoura Engineering Journal: Vol. 48: Iss. 3, Article 12.

Available at: <https://doi.org/10.58491/2735-4202.3099>

WORK EXPERIENCE:

- **Assistant Lecturer at Higher Institute for Engineering and Technology- New Damietta, Egypt.**

Sep 2023 – Jun 2025

-Responsibilities:

- Taught several Public Works courses, including:
 - Surveying
 - Highway Engineering
 - Sanitary Engineering
 - Transportation and Traffic Engineering
 - Project Management and Control courses for Civil, Communication and Chemical Departments.
- Supervised lab sessions and practical training
- Participated in quality assurance activities and academic development committees

Skills

- Strong teaching and academic presentation skills
- Proficient in engineering software (AutoCAD, Civil 3D)
- Skilled in Microsoft Office (Word, Excel, PowerPoint)
- Experience in preparing course materials and academic reports
- Effective communication and team collaboration skills
- Familiar with academic quality assurance and accreditation standards

- **Civil Engineer at Consultant Engineering Office, Egypt.**

Aug 2013 – Aug 2022

Responsibilities:

- Technical office work.
- Shop Drawing.
- Inventory work and licenses.
- Preparing Daily and Weekly Technical follow-up Reports.
- Design and detailing of concrete and steel structures.
- preparation calculation sheet and design analysis.

Courses

- Erdas Software.
- Arc GIS Software.
- Envi Software.
- Microsoft Office.
- AutoCAD 2D.
- ICDL.
- EAP (English for Academic Purposes Course).
- Rock Works17 Software.
- Research Ethics.
- International Publishing of Science Research.

Languages

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