

1. Name: Haia Muhammed Muhammed El-sayed, Teacher assistant (TA), Chemical Engineering Department, Higher Institute of Engineering, Elshorouk Academy.

2. Degrees:

- PhD in Chemical Engineering, Faculty of Engineering, Cairo University, 2024
- M.S. in Chemical Engineering, Faculty of Engineering, Suez University , 2018
- B.S. in Chemical engineering. Higher Institute of Engineering, Elshorouk Academy, Elshorouk City, Cairo, Egypt. 2013

3. Years of Service on Faculty: 4

- 10/2021 - present Teaching Assistant.

4. Other Experience:

- **Member of quality assurance team responsible for Community Service and Alumni, educational programs and courses, accreditation in Chemical Engineering Department, El-Shorouk Academy.**
- **OSHA General Industry**
Engineering Syndicate
General Industry Safety & Health Standards
- **Material Classification and Selection**
Engineering Syndicate
- **Process Calculation & Simulation using HYSYS**
Engineering Syndicate
- **Pumps operation & Maintenance**
Engineering Syndicate
- **Compressors operation, Maintenance & troubleshooting**
Engineering Syndicate
- **Oil Refining Diploma**
Engineering Syndicate
Operation & troubleshooting of process equipment

5. Consulting Activities (selected)

- **None**

6. States in which registered:

- Cairo, Egypt.

7. Principal publications of last 5 years (selected):

- Haia M. Elsayd, Tamer S. Ahmed, Omar E. Abdel-Salam, Moustafa Elshafei, Amr Abdelghany, "Numerical Investigation for The Valorization of Waste from HMD Cell Using Electrodialysis", Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, vol. 87, no. 2, pp. 17–26, Sep., 2021.

8. Scientific and professional societies of which a member

- Egyptian Engineers Syndicate, and Egyptian Society of Engineers.

9. Honors and awards:

- None

10. Institutional & professional service in last 5 years:

- Responsible for training courses, field visits, and community service in the Chemical Engineering Department. (Providing free training for students in (the Nuclear Materials, Authority, Helwan Fertilizers Company, Galaxy Chemicals Company, and the wastewater treatment and well water desalination plant of the Talaat Mostafa Group).
- Working on the course specifications and the quality control of the chemical engineering department.
- Member of quality assurance team responsible for Community Service and Alumni, educational programs and courses, accreditation in Chemical Engineering Department, El-Shorouk Academy .
- Participation in preparing study programs for the credit hour system for the Department of Chemical Engineering in accordance with the terms of reference of the Supreme Council of Universities for the year 2022.

11. Professional Development Activities in the last 5 years:

- Attended “Self-evaluation of colleges and institutes of higher education” , 9,10,11 May 2023, The National Authority for Educational Quality Assurance and Accreditation.
- Attended “Effective teaching skills”, 7,8 February 2022, Faculty and leadership Development Center, Cairo University.
- Attended “Scientific Publishing Of Research (Local – International)”, 18 &19 September 2022, Faculty and leadership Development Center, Cairo University.