



الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري
Arab Academy for Science, Technology & Maritime Transport

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Photo

Personal Data

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Education

- **B.Sc.** in Science Special Chemistry department, 2007, Alexandria University, Egypt.
- **M.Sc.** in Science, non-organic Chemistry. 22/6/ 2014, Alexandria University, Egypt.
M.sc. THESIS TITLE 'Improvement the efficiency of zinc-nickel redox flow system/application'.
- **Ph.D.** in science, Physical Chemistry, 15/11/2023, Ain Shams University.
Ph.D. THESIS TITLE 'A New Concept Of Flow Electrolysis Cell by Fixed Bed Electrodes'.

Experience

- Lecturer, Basic & Applied Sciences Dept, From November 2023 till now.
Collage of Engineering & Technology Arab Academy for Science, Technology & Maritime Transport



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PAST POSITIONS

- Teacher assistant, Basic & Applied Sciences Dept, From august 2014 November 2023. Collage of Engineering & Technology Arab Academy for Science, Technology & Maritime Transport
- Assistant teacher, Basic & Applied Sciences Dept., from July 2009 to August 2014. Collage of Engineering & Technology Arab Academy for Science, Technology & Maritime Transport.
- From September 2007 to June 2009, demonstrator at Chemistry department, Faculty of science, Alexandria University.
- From June 2008 to September 2008, chemist at quality control laboratory, Arab Caps Company.

Responsibilities

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Achievements

Relevant Courses

- Elector-Chemistry
- Material Science
- Corrosion and corrosion protection
- Basic of Engineering Chemistry
- Cathodic protection (advanced course for engineers)
- Petroleum Technology.
- Water Treatment.
- Green hydrogen.
- Redox flow batteries.
- Renewable Energy Sources.
- Energy Storage Systems.