

Curriculum Vitae (CV)

Full Name : Samah Abdelmonem Hawash Mohamed

Personal Information:

Academic Rank: Assistant Professor

Department: Chemical Engineering

Specialization: Nanotechnology

Position: Assistant Professor

Google Scholar: [https://scholar.google.com/citations?hl=en&user=7m\\_DaA0AAAAJ](https://scholar.google.com/citations?hl=en&user=7m_DaA0AAAAJ)

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## Education:

Degree	Discipline	Institution	Year
Ph.D.	Biodiesel	Minia University	2019
M.Sc.	Environmental Studies	Institute Of Graduate Studies & Research- Alexandria University	2016
B.Sc.	Chemical Engineering	Faculty Of Engineering- Alexandria University	1998

## Academic Experience:

**Institution: Higher Technological Institute- 10th of Ramadan**

**Rank: Assistant Professor**

**Dates: 2021 – till present**

**Institution: Online course coordinator for Postgraduate Studies in Rojava University-Syria**

**Rank: Assistant Professor**

**Dates: 2021 – till present**

**Institution: Higher Institute of Engineering & Technology in Menoufia**

**Rank: Assistant Professor**

**Dates: 2020-2022**

**Institution: Faculty of Engineering, Port said University.**

**Part Time Assistant Professor in Chemical Engineering Department**

**Rank: Assistant Professor**

**Dates: 2020-2021**

**Institution: Faculty of Engineering, Alexandria University**

**Part Time Assistant lecturer in special studies program (SSP)**

**Rank: Teaching Assistant**

**Dates:2019-2020**

**Institution: Faculty of Engineering, Pharos University in Alexandria**

**Rank: Assistant Lecturer**

**Date :2016-2019**

### **Research interests:**

#### **October 2022 – Till now**

- Supervision of the Master's Degree entitled "**Treatment of Produced Water in Oil Industry using Functionalized Nano Membrane**"
- Supervision of the Master's Degree entitled "**Carbon Quantum Dots Constructed Membranes for hydrogen sulfide separation from natural gas**"
- Supervision of graduation project in "**properties of luminescent concrete using fluorescent carbon Dots extracted from pomegranate peels**"

#### **October 2021 – Till now**

- Supervision of the Master's Degree entitled "**Ethanol - Water Mixture Separation Using Pervaporation Technique**".

#### **October 2021 – July 2022**

- Supervision of graduation project in "**Thin-film Nanocomposite Membranes of Cellulose Nanocrystal /Silver (CNC/Ag) for Removal of Phenol Compounds**"

#### **March 2021 - July 2021**

- Supervision of graduation projects in the Natural Gas program in Port said University entitled "**Amines as Gas Sweetening Agents, Process Simulation and Optimization**".

#### **April 2020 – September 2020**

- Consultant in Engineer Company (E.C.R) for Production of Ethanol by Fermentation of Molasses

#### **September 2016 - June 2017**

- Assistant Supervisor of the graduation and community projects in Pharos University, Petrochemical department for "**Removal of Valuable Metal from Spent Catalyst.**"

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Ahmed M. Enew, M Abd Elfattah, Safaa R. Fouda, Samah A. Hawash, Effect of Aramid and Carbon Fibers with Nano Carbon particles on the <https://doi.org/10.1016/j.polymertesting.2021.107341>

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Samah A. Hawash, Ebrahiem Esmail Ebrahiem, Hassan A.Farag, Kinetics of Esterification of Oleic and Linoleic Free Fatty Acids, Minia Journal of Engineering & Technology, Volume 39, Issue 1, Jan. 2020.

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Samah A. Hawash, Ebrahiem Esmail Ebrahiem, Hassan A.Farag, Kinetics Study of the Esterification of Unsaturated Free Fatty Acids, Proceedings of the Institution of Civil Engineers – Energy, Volume 172, Issue 3, August 2019. (<http://doi.org/10.1680/jener.19.00006>).

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Samah Abdel Monem Hawash, Moustafa Mohamed Saleh Abbassy, Mamdouh El-Hattab, Application of Geographical Information System & Chromatographic Analysis for Monitoring of Organic Derivatives Near the Petroleum Settlements in Alexandria, International Journal of Scientific Engineering Research volume 9, Issue 3, March 2018.

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## **Certifications or Professional Registrations:**

- **Teaching Experience:**

As my resume demonstrates, I taught a variety of undergraduate courses and due to my communication and interpersonal skills, I was chosen as an online course coordinator for the post-graduate students in Rojava University in Syria to manage online courses, teaching postgraduate courses for example (advanced transport phenomena- advanced unit operation), and also help students to communicate easily with other instructors and facilitate the educational process.

## **Courses taught**

Thermodynamics- Organic Technology- Material and Energy balance- Environmental Impact Assessment- General Chemistry for preparatory year- Computer Programming in Chemical Engineering-Heat Transfer and Fuel Engineering- Inorganic & Analytical Chemistry- Mass Transfer- Unit Operation - Momentum Transfer.

