
C. V.

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- **Date of Birth** :17/04/1974
- **Marital status** : Married
- **Nationality** : Egyptian
- **Position** : Assistant professor in Faculty of Medical and Health Sciences at Liwa college of Technology.

- **Educational Background**

- 1- **Associate professor** in surface active agents Egyptian petroleum research Institute (EPRI), 2013
- 2- **Ph.D.** in Chemistry " synthesis and evaluation of some cationic surfactants with functional quinone,oxime and hydrazone derivatives", Faculty of women Ain Shams University, (2007).
- 3- **M.Sc.** in Chemistry" **Studies on β,γ Butenolides**", Faculty of women, Ain shams University, (2002).
- 4- **Pre-Master** certificates in Organic Chemistry, Department of Chemistry, Faculty of women, Ain shams University (1998).

5- **B.Sc.** in Chemistry, Faculty of women, Ain shams university (1996).

Employment graduation

1. Scholarship in Faculty of women Ain Shams University, 1997-2004.
2. Assistant Researcher, Petrochemicals Department, Egyptian petroleum research Institute (EPRI), 2004-2007.
3. Researcher, Petrochemicals Department, Egyptian petroleum research Institute (EPRI), 2007 -2011.
4. Coordinator of general courses department (2013-2014) in Emirate college of Technology.
5. Senior instructor for teaching natural science (chemistry, physics, biology) and man and environment in Arabic and in English in general courses department (2011-2019) .
6. Assistant professor in Faculty of Medical and Health Sciences at Liwa college of Technology (2020-till now)

Educational skills

1. Teaching chemistry (practical inorganic and organic) for undergraduate students in Faculty of women Ain Shams University, 1997-2007.
2. Teaching natural science (chemistry,physics,biology) and man and environment in Arabic and in English .

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3. Teaching General chemistry for health sciences chemistry ,foundation chemistry, analytical chemistry, biochemistry, Fundamental biochemical laboratory methods, college mathematics for health sciences ,General safety for health sciences and organic chemistry).(2019- till now)
4. Using learning management system. (LMS)(model)

Prizes.

Abdelfattah, M. Badawi, Zahira, S.Tawfik, Hend, M. Ahmed, Mohamed, N. El lethy b. Evaluation of the Antimicrobial activity of the Newly Compound ZnO/Ampicillin Nanocomposite and after Exposure to γ -Irradiation.



11th International Symposium on Metal Ions in Biology and Medicine

**20th – 23rd June 2011, Cambridge UK
www.metal-ions2011.com**

(The previous publication took the best research in 11th International symposium on metal Ions in Biology and medicine conference and this is considered anew discovery therapy for one of the most dangerous kind of cancer)

Supervision on scientific thesis

A) Supervision on Master thesis

- 1) Student: Walaa Mohamed Mohamed kamel** In Banha University,

Egypt. "The inhibition effect of novel surface active quaternary ammonium halid and hydroxide against corrosion of carbon steel and sulfate reducing bacteria (SRB) (2008-2009).

2) Student: Mahmoud Mohamed Mohamed Abd El Naby "Synthesis and Biological Activity of Nanometal based Cationic Schiff Base Surfactants as Sulfate Reducing Bacteria (SRB) in inhibitors " (2010).

B) Supervision on Ph.D. thesis

1) Student: Walaa Mohamed Mohamed kamel in Ain Shams university ,Egypt."Novel surfactant nano particles and nano composites as corrosion inhibitors for carbon steel pipelines in petroleum field (2010).

Scientific Conferences

- 1. The 10th Annual Education Conference "Education and Jobs of the Future: Developing Qualified Human Capital to Secure the UAE's Progress", on 12-11-2019, at the ECSSR in Abu Dhabi.*
- 2. The Symposium on Chemistry and Environment 2019- towards better Life" 24 Jau. 2019 Al Sharjah , United Arab Emirates.*
- 3. The 9th Annual Education Conference Advanced Education in Changing World 20-21 Nov. 2018. Abu Dhabi, United Arab Emirates.*
- 4. The 1st international conference of pure and applied chemistry (NCPAC17) , 10-12 December 2017*

5. **The 1th Organizational Learning Conference. 21 of october2012, Abu Dhabi, United Arab Emirates.**
6. **The 11th International Symposium on Metal Ions in Biology and Medicine .20-23 June 2011, Cambridge UK.**
7. **The 14th International Conference on petroleum, Mineral Resources and Development. 8-10 Mar. 2011.**
8. **The 29th Annual Conference “International Conference on Corrosion Mitigation and Surface Protection Technologies” 14-16 December 2010.**
9. **The 13th International Conference on petroleum, Mineral Resources and Development . 7-9 Feb. 2010.**

Training courses

- 1- Training course “surfactants and its application” for universities students (2007-2011).
- 2- Work shop in assessment methods (9/2013).
- 3- Work shop in research methods 15 hours, (11/2013).
- 4- Work shop titled " assessing students learning:How do you know your students are achieving their programs and courses learning outcomes?" (3/2015).

Online Courses

- 1- Creating educational videos using AI work shop (9/9/2022).
- 2- Designing and evaluating assessment (30/9/2022).
- 3- Safeguarding awareness within education sector work shop.(20/5/2022)

- 4- Awareness of OSHAD, ISO 45001, ISO 14001.(20/4/2022)
- 5- Gamification for Interactive Learning 2022
- 6- Leading and Working in Teams 2022
- 7- SPSS for Academic Research 2022
- 8- Teaching Future-Ready Students 2022
- 9- Writing a Proposal 2022
- 10- Academic Research Foundations: Quantitative 2022
- 11- Sysmex XP-300 Application Training 2/2022.
- 12- Managing Stress 2021
- 13- The Six Morning Habits of High Performers 2021
- 14- Defining and Achieving Professional Goals 2021
- 15- Etiquette in Dealing with People of Determination (POD) 2021
- 16- Artificial Intelligence Foundations: Machine Learning 2022
- 17- Being a Good Mentor 2022
- 18- Learning How to Increase Learner Engagement Course completed on Nov 08, 2020
- 19- Teaching Techniques: Project-Based Learning Course completed on Nov 05, 2020
- 20- Captivate 9: Quizzes Course completed on Nov 06, 2020
- 21- Core Strategies for Teaching in Higher Ed .Course completed on Nov 02, 2020

22- Learning to Teach Online Course completed on Nov 02, 2020

23- Successful Goal Setting Course completed on Nov 05, 2020

24- PowerPoint for Teachers: Creating Interactive Lessons Course completed on Nov 02, 2020

25- Teaching Techniques: Creating Effective Learning assessments Course completed on Nov 05, 2020

Projects

Internal Projects in Egyptian Petroleum Research Institute (EPRI)

1. “Nanocrystalline Solar Cells for Electrical Production in surface active agents media” (2010).
2. Ascorbate Combined with Surface Active Germanium Complexes and Their Nano-analogues for Therapy of Hepatitis C, Cancers and Prevention of Petroleum-Induced Carcinogenesis. (STDF)

Internal Research Grants in Liwa college of technology (LCT)

Synthesis and biological evaluation of metallosurfactants as potential anti-cancer agents in UAE. 2021-2022

Publications:

A) International Publications

1. Dina A Ismail, Hend M Ahmed, Abdala R Ismail, Sahar M Ahmed, Cationic Bola form Metallosurfactants Based on Isothiouonium, Synthesis and anti-microbial activity, Tenside Surf. Det. 57(5), 375 -381 (2020).
2. Dina A. Ismail, Sahar M. Ahmed, Hend M. Ahmed, Ashgan I. Awad and Hanan A. El- Sharkawy. Synthesis and Biological Activity of Alkyl PyridiniumAldoxime Based Surfactants. Tenside Surf. Det. 53 (2016) 4. Carl Hanser Publisher, Munich
3. M. A. Hegazy, A. S. El-Tabie, H. M. Ahmed, Synthesis of nonionic surfactants and their inhibitive action on carbon steel in hydrochloric acid, accepted in Corrosion Science(2012), S0010-938X(12)00333-2
4. Zahira S. Tawfik, Abdelfattah M. Badawi, Ibrahim Y. Abdel-Ghany, Hend M. Ahmed , Novel Ampicillin ZnO Nanocomposite-A Remarkable Breakthrough With Potential Against Myeloma Cell Lines,



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5. Abdelfattah, M. Badawi, Zahira, S.Tawfik, Hend, M. Ahmed, Mohamed, N. El lethy b. Evaluation of the Antimicrobial activity of the Newly Compound ZnO/Ampicillin Nanocomposite and after Exposure to γ -Irradiation.



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6. M. A. Hegazy, H. M. Ahmed, A. S. El-Tabie, Investigation of the inhibitive effect of p-substituted 4-(N,N,N-dimethyldodecylammonium bromide)benzylidene-benzene-2-yl-amine on corrosion of carbon steel pipelines in acidic medium, *Journal of Corrosion Science* 53(2011) 671-678.

7. **A. M. Badawi, M. M. Dardir, and H. M. Ahmed**, Synthesis and Evaluation of Novel Cationic Monomers Viscosifiers for Oil Well Drilling Fluids, *J. of American Science*, 2011, 7(1) .

8. A. M. Badawi, M. A. Hegazy, A .A. El-Sawy, H. M. Ahmed, W .M. Kamel, Novel Quaternary Ammonium Hydroxide Cationic Surfactants as Corrosion inhibitors for Carbon Steel and as biocides for Sulfate Reducing Bacteria (SRB), *Materials Chemistry and Physics* 124 (2010) 458–465.

9. **M. M. El-Sukkary ,A. Deeb, I. Aiad , M. Y. El-Awady, H. M. Ahmed, and S. M. Shaban**. Preparation and characterization of some novel quaternary imminium salts Based on Schiff-base as a Corrosion Inhibitor , *J. of petroleum Science and Technology*. 28 , (2010) ,1158-1169.

10. N. G. Kandile ,H. T .Zaky ,M .I. Mohamed and H. M. Ahmed . Conversion of 2(3)furanones bearing indole nuclei into novel amide ,pyrrolone and imidazole dreatives .*J. Hetro atom chemistry*,vol.14,no.5,434- 442(2003)U.S.A.

B) National Publications

1. M .A. Hegazy, A. M. Badawi, A. A. El-Sawy, H. M. Hamed, W. M. Kamel , The Inhibitory Effect of some Surface Active Quaternary Ammonium Bromide against

Corrosion of Carbon Steel and Sulfate Reducing Bacteria, Egypt. J. Petrol. 18 (2) (2009) 1-21.

2. M. M. El-Sukkary ,A. Deeb, I. Aiad , M. Y. El-Awady, H. M. Ahmed, and S. M. Shaban. Preparation and characterization of some novel quaternary imminium salts and Their Applications. Egypt. J. petrol. 18, No. 2, pp. 47-62 (2009).

Thank you of your attention



Signature
Hend Mohamed Ahmed