

CURRICULUM VITAE

Personal data:

Name: *Mariem Mohammed Ahmed Motawea*

Place of Birth: *Damietta - Egypt*

Religion: *Muslim*

Nationality: *Egyptian*

Occupation: *Assistant Prof. of engineering chemistry in Delta academy*

Specialization: *Chemistry*

Subspecialty: *Physical Chemistry*

Email address: *dr_mmm_2014@yahoo.com*

Qualification:

- Bachelor of Science - Chemistry (**2002**) - Mansoura University.
- obtain a master's degree in physical chemistry January **2005** Subject.
- obtain a PhD degree in physical chemistry November **2009** - Cairo University.

Professional Experience:

• Teaching in the following colleges in chemistry and physical chemistry

[1] Department of Chemistry - Faculty of Engineering - Mansoura University **2003 – 2005** .

[2] Department of Chemistry - Faculty of Applied Arts in Damietta - Mansoura University 2005-2006 "assistant Lecturer"

[3] Department of Chemistry – Higher institute of Engineering and Technology(New Damietta) **2007 - 2010** " Lecturer " .

[4] Department of Chemistry - University of Imam Muhammad bin Saud Islamic University from August **2010** until **2013**, "assistant professor Physical Chemistry."

[5] Teaching General and advanced Chemistry for summer semester in K.S.U **2013**.

[6] Department of Chemistry – Delta academy for Engineering and Technology **2014-** until now

Courses and workshops.

- 1 - Attend a conference of education and learning University of Imam Muhammad bin Saud Islamic University 2013.
- 2 - Attend a conference of Mathematics and its Applications University of Imam Muhammad bin Saud Islamic University, 2011.
- 3 - Attend workshops on how to use modern technology in teaching methods University of Imam Muhammad bin Saud Islamic University.
- 4 - Attend a workshop of the modern methods of teaching methods.
- 5 - Attend a workshop to develop education and peer-assessment.

Scientific research:

- 1- Khillah Extract as Green Corrosion Inhibitor for Zinc in Aqueous Solutions. S. Fouda^{1,*}, M. M. Motawea² and M. A. Ismail³, (*Elixir Corrosion*). Dye 82 (2015) 32386-32392.
- 2- Expired Cidamex Drug as Corrosion Inhibitor for Aluminum in Acidic Solution. M.M.Motawea, H.S.Gadow & A. S. Fouda Volume 16 Issue 1 Version 1.0 Year (2016), Global Journal of Researches in Engineering: C Chemical Engineering.
- 3- Investigation of the corrosion inhibition of carbon steel in hydrochloric acid solution by using ginger roots extract H. S. Gadow and M. M. Motawea, RSC Adv., (2017), 7, 24576.
- 4- Investigation of myrrh extract as a new corrosion inhibitor for a-brass in 3.5% NaCl solution polluted by 16 ppm sulfide. H. S. Gadow, M. M. Motawea and H. M. Elabbasy, RSC Adv., (2017), 7, 29883.

Supervision

Ph.D. Thesis

(Expired Drugs as Corrosion Inhibitor for Carbon Steel in Acidic Solution)
(Dr. Mariem Motawea , Dr. Abd Aziz Fouda , Dr.Farid Ibrahim Faculty of Science, Port Saied University, Egypt).