

# Curriculum vitae

## Personal Information

**Name** : Eman EL-Sayed Shehata Moustafa  
**Birth date** : 29 / 6 / 1978  
**Nationality** : Egyptian  
**Gender** : Female  
**Marital Status** : Single  
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## Present Employment

- Assistant Professor of Physical Chemistry, Faculty of Science, AL-IMAM Mohammed University, Kingdom of Saudi Arabia.
- Expert and head of department of Forgery and Counterfeiting- Authority of Forensic Medicine –Ministry of Justice, Alexandria, Egypt (2004 until now).

## Academic Qualification

- Assistant Professor of Physical Chemistry, Faculty of Science, AL-IMAM Mohammed University, Kingdom of Saudi Arabia.(2013 until now )
- Ph.D. in Chemistry, Faculty of Science, University of Alexandria, Alexandria, Egypt, 2012 Thesis.
- Master in Inorganic & Physical Chemistry, Faculty of Science University of Alexandria, Alexandria, Egypt, 2006 Thesis.
- B.Sc. of Science, Department of Chemistry and Physics, Faculty of Science, University of Alexandria, Alexandria, Egypt, 1999.

## Computer skills

- International Driving Licence (ICDL) in the Computer Services Centre that is a registered testing centre in the Arab Academy for Science & Technology and Maritime Transport from UNESCO Cairo office (UCO)-2011.
- Highly skilled in SPSS and PCA programs.

## Publications

- Synthesis, Spectral and Electrochemical Studies of Some Schiff Base  $N_2O_2$  Complexes, **E.E. Shehata**, M.S.Masoud, E.A. Khalil, A.M. Abdel- Gaber, journal of molecular liquids 194, 149-158 (2014).
- Characterization and Dating of Blue Ballpoint Pen Inks Using Principal Component Analysis of UV–Vis Absorption Spectra, IR Spectroscopy, and HPTLC, S. Senior, M.S. Masoud, E.A.Hamed and **E.E. Shehata**, journal of forensic science, 57(4), 1087-1093 (2012).
- Characterization of blue ballpoint pen inks using Principal Component Analysis of electronic absorption spectra and TLC technique, E.E.Shehata, M.S. Masoud and E.A.Hamed and, 4<sup>th</sup> International Conference of the Egyptian Forensic Medicine Authority, (2010).
- Electrochemical study on the effect of Schiff base and its cobalt complex on the acid corrosion of steel, A.M. Abdel-Gaber, M.S. Masoud, E.A. Khalil, **E.E. Shehata**, Journal of corrosion science 51(12), 3021-3024 (2009).
- Principal Component Analysis for Characterization of Black and Red Ballpoint Pens: UV, IR and TLC, **Eman Shehata**, Ph.D, Mamdouh Masoud, Ph.D, Ezzat Hamed, Ph.D prepared for publication.
- Solvatochromism behaviour and dissociation constants of some dyes and their inks, **Eman E. Shehata**, M. S. Masoud, Ezzat A. Hamed, prepared for publication.

### **Experience in teaching the following topics**

- General chemistry 101, Faculty of Science, AL-IMAM Mohammed University, Kingdom of Saudi Arabia. (2013-2014, 2014-2015)
- General chemistry 102, Faculty of Science, AL-IMAM Mohammed University, Kingdom of Saudi Arabia. (2013-2014, 2014-2015)
- Physical chemistry 241, Faculty of Science, AL-IMAM Mohammed University, Kingdom of Saudi Arabia. (2013-2014, 2014-2015)
- Physical chemistry 343, Faculty of Science, AL-IMAM Mohammed University, Kingdom of Saudi Arabia.(2014-2015)
- Physical chemistry 242, Faculty of Science, AL-IMAM Mohammed University, Kingdom of Saudi Arabia. (2014-2015).
- Introduction in forensic chemistry – Faculty of Science, Alexandria University, Alexandria, Egypt (2010-2011, 2011-2012, 2012-2013).
- Special topic in forensic chemistry - Faculty of Science, Alexandria University, Alexandria, Egypt (2011-2012, 2012-2013).
- Practical forensic chemistry - Faculty of Science, Alexandria University, Alexandria, Egypt (2011-2012, 2012-2013).

### **Language skills**

- Arabic: Mother Tongue.
- English: Very good (Spoken &Written).
- TOEFL certificate with good grade
- French: Good

### **References**

***1. Prof .Dr. M.S. Masoud***

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**2. Prof. Dr. E.A. Hamed**

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**3. Dr. M. F. Ibrahim**

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