

## Curriculum vitae



### Personal Data

**Name** : Mona Ahmed Abdel-Rahman  
**Gender** : Female  
**Nationality** : Egyptian  
**Date of Birth** : Feb. 13, 1973.  
**Place of Birth** : Assiut, Egypt  
**Marital Status** : Married  
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### Academic Qualifications

Degree	Date	University (name & location)	Specialization
Ph.D.	July, 2006	Assiut University, Assiut, Egypt	Organic Chemistry, Polymer Synthesis and Characterization
M. Sc.	March, 2000	Assiut University, Assiut, Egypt	Organic Chemistry
B. Sc.	July, 1994	Assiut University, Assiut, Egypt	Chemistry

## **Employment History**

- ❖ Demonstrator at Chemistry Department, Assiut University (Oct. 1994 – March 2000 ).
- ❖ Assistant Lecturer at Chemistry Department, Assiut University (April 2000 – July 2006 ).
- ❖ Lecturer at Chemistry Department, Assiut University (Sept 2006 – May 2013).
- ❖ Assistant Professor at Chemistry Department, Assiut University (May 2013– till now).

## **Research Experiences**

- Good theoretical background in general Chemistry “ Organic and Polymers”.
- IR Spectra.
- U.V. Spectrophotometry.
- Mass Spectra.
- NMR Spectra.
- X-ray diffraction using the powder technique.
- X-ray single crystal ( theoretical analysis)
- Thermal Analysis TGA, DTA and DSC.
- Scanning Electron Microscopy SEM.

## **Post Doctoral Fellowships**

- Postdoctoral student in ETH Zurich (Zurich, Switzerland. December, 2007 / August, 2008.
- Postdoctoral student in ETH Zurich (Zurich, Switzerland. August, 2009 / October, 2009.
- Visiting Scientist in ETH Zurich (Zurich, Switzerland. June, 2010 / July, 2010.

## **Membership of Professional Organization and Societies**

- The Egyptian Society for Polymer Science & Technology (ESPST).
- The Egyptian Society of Chemistry.

## **Work Shops & Trainings**

- Work Shop on Materials Science and Radiation Physics. (Assiut University, Egypt, December 2003).

- A training course in electron microscopy (Techniques & Interpretations). (Electron microscopy unit, Assiut University, Egypt, March 2005).
- Work Shop on PCR Principals & Applications. (Molecular Biology Research unit, Assiut University, Egypt, March 2007).

### **Further Experiences**

- Excellent experiences in the programming with computers soft wares as Hyper Chem 3D, Isis Draw, Origin Draw, X-ray single crystal programs and also familiar with all MS windows family.
- Very good Command of English Language.
- Good in Deutsch Language, I had (G<sub>1</sub>, G<sub>2</sub> und G<sub>3</sub>).

### **Aim of Future Studies**

Working in the field of **Material Science** (Polymer Synthesis and Characterization)

*Specific Specialization:* Design of New Organic Polymers having industrial and Technological applications