

# Ayman Sobhi Shebl Ahmed EL-Mezayyen

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Hard working, committed, achieving personality,



## PERSONAL DATA

**Citizenship:** Egypt  
**Languages:** English, Arabic  
**Marital Status:** married  
**Date of Birth:** 1984/01/9  
**Health:** Very Good

## EDUCATION

2014-2015	<b>Senior scholar</b> Polymer science	University of science and technology, Hefei, China
2007-2011.	<b>MSc (Physics)</b> Preparation and physicochemical properties of chitosan complexes	Faculty of Science / Mansoura University,
2006-2007	<b>Pre-master (physics)</b>	Faculty of Science / Mansoura University,
14/02/2011.	<b>BSc. Project:</b> (physics project: effect of nanotechnology on the medical application,); (chemistry project: electrolysis)	Faculty of Science / Mansoura University,

## PUBLICATION

1. Ayman S. ELmezayyen, Shian Guan, Fikry M. Reicha, Ibrahim M. El-Sherbiny , Jianming Zheng, Chunye Xu, [Effect of conductive substrate \(working electrode\) on the morphology of electrodeposited Cu<sub>2</sub>O](#), *J. Phys. D: Appl. Phys.* Under press.2015
2. Ayman S. ELmezayyen, Shian Guan, Fikry M. Reicha, Ibrahim M. El-Sherbiny , Jianming Zheng, Chunye Xu, [Role of surface and electrical properties of flexible indium-doped tin oxide coated polyethylene terephthalate \(P/ITO\) substrates \(working electrode\) in the Morphological Evolution of electrodeposited: n-type Cu<sub>2</sub>O semiconductor Thin Films](#), under review.2015
3. Fikry. M. Reicha, Ayman. S. Shebl, [Molecular Dynamic Studies of Chitosan and Chitosan Copper Complexes](#), *International Journal of Polymeric Materials*; (Research Article), under review.2015.
4. Fikry. M. Reicha, Ayman. S. Shebl, Faried. A. Badria and Ahmed. A. EL-Asmy, [Electrochemical synthesis, characterization and biological activity of chitosan metal complexes](#), *International Journal of Basic and Applied Chemical Sciences* ISSN: 2277-2073 (Online), 2012 Vol. 2 (1) January-March, pp. 7-22.
5. Fikry. M. Reicha, Ayman. S. Shebl, [Physicochemical properties and some biological activities of chitosan copper complexes prepared by a novel technique](#), the 7th international engineering conference that held during 23-28 march, 2010.

## WORKSHOP

- ✓ “The use of technology in teaching”, UDC, Mansoura University, 06/2010.
- ✓ “Time management and meetings”, UDC, Mansoura University, 06/2010.
- ✓ “Quality standards in the teaching process”, UDC, Mansoura University, 08/2009.
- ✓ “Ethics and Professional Ethics”, UDC, Mansoura University, 09/2009.
- ✓ “Thinking Skills”, UDC, Mansoura University, 09/2010.
- ✓ “Methods of scientific research”, UDC, Mansoura University, 09/2010.
- ✓ “Effective communication skills”, UDC, Mansoura University, 09/2010.
- ✓ “Proposal Writing workshop”, DAAD office in Cairo, 3<sup>rd</sup> of May 2009.
- ✓ “Credit hours systems”, UDC, Mansoura University, 10/2010.

## RESEARCH INTEREST

Materials Science (New and renewable energy – Materials science )

## EMPLOYMENT HISTORY AND SCHOLARSHIPS

**Senior scholar**, University of science and technology, Hefei, China, (2014-UPTONOW)

**Researcher and Demonstrator**, Physics Department - Mansoura University, Egypt, (12/2005 – 2013).

## TEACHING EXPERIENCE

1. Teaching experimental Physics and physics tutorials to undergraduate students from 2005-2013.
2. Summer internship with undergraduate students, (2006-2011).

## Skills

Software: X-ray analysis - Peak Fit - Wingraph – Origin - Photoshop – ICDL