

SARA FATHY ELBELTAGY

Assistant professor

SUMMARY

Dr. Sara Fathy Elbeltagy, is a Lecturer of Engineering Chemistry at Mansoura High Institute of Engineering and Technology, Egypt. She received his Ph.D. in 2014 from Mansoura University, she has a M.Sc. in Inorganic Chemistry., in addition to several years of experience in teaching Theoretical and Practical Exercises for Items Engineering Chemistry- Faculty of Engineering- Mansoura University from 2011 to 2017. Strong research background.

CONTACT

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GENERAL

SOCIAL STATUS: Single

(FLDP) COURSES:

- Scientific research and methods of universities rankings.
- Hour system adopted.
- Management of the research team.
- Strategic Planning.
- academic administration

EDUCATION

- Ph.D. (2014)**
In Inorganic Chemistry from Mansoura university.
- M.Sc. (2011)**
In Inorganic Chemistry from Mansoura university.
- B.Sc. (2007)**
In Inorganic Chemistry from Mansoura university.

WORK EXPERIENCE

Assistant professor at Mansoura High Institute of Engineering and Technology

2017–Present
Teaching at Mansoura High Institute of Engineering and Technology, EGYPT. Duties include academic supervision and teaching technical report writing.

Deputy Director of Quality Assurance Unit at Mansoura High Institute of Engineering and Technology.

2019–Present
Ensures that the Education process observes the institute quality standards

Assistant Lecturer at Mansoura University

2011-2017
Teaching Theoretical and Practical Exercises for Items Engineering Chemistry- Faculty of Engineering- Mansoura University.

PUBLICATIONS, TECHNICAL REPORTS & PRESENTATIONS

- 1) Synthesis, spectroscopic characterization and thermal behavior of metal complexes formed with N'-(1-(4-hydroxyphenyl) ethylidene)-2-oxo-2-(phenylamino) acetohydrazide (H3OPAH), *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, Volume 83, Issue 1, December 2011, Pages 17-27, Sara F. Ahmed, Ola A. El-Gammal and Gaber Abu El-Reash.
- 2) Structural, spectral, thermal and biological studies on 2-oxo-N'-((4-oxo-4H-chromen-3-yl)methylene)-2-(phenylamino)acetohydrazide (H2L) and its metal complexes, *Journal of Molecular Structure*, Volume 1007, 11 January 2012, Pages 1-10, Ola A. El-Gammal, Gaber Abu El-Reash and Sara F. Ahmed.
- 3) Structural, DFT and biological studies on Cu(II) complexes of semi and thiosemicarbazide ligands derived from diketo hydrazide, *Polyhedron*, Volume 81, 15 October 2014, Pages 749-763, T.A. Yousef, G.M. Abu El-Reash, O.A. El-Gammal and Sara F. Ahmed.
- 4) Structural, DFT and biological studies on Co(II) complexes of semi and thiosemicarbazide ligands derived from diketo hydrazide, *Journal of Molecular Structure*, Volume 1076, 5 November 2014, Pages 227-237, T.A. Yousef, O.A. El-Gammal, Sara F. Ahmed and G.M. Abu El-Reash.
- 5) Synthesis, biological and comparative DFT studies on Ni(II) complexes of NO and NOS donor ligands, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, Volume 135, 25 January 2015, Pages 690-703, T.A. Yousef, O.A. El-Gammal, Sara F. Ahmed and G.M. Abu El-Reash.

- 6) Synthesis, spectral characterization, molecular modeling and in vitro antibacterial activity of complexes designed from O₂, NO and NO donor Schiff-base ligand, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, Volume 135, 25 January 2015, Pages 227-240, Ola A. El-Gammal, G. Abu El-Reash, Sara F. Ahmed.
- 7) Structural, spectral, thermal and biological studies on (Z)-N-benzoyl-N'-(2-oxo-2-(phenylamino)acetyl)carbamo-hydrazone-thioic acid (H₂PABT) and its Cd(II), Hg(II), Zn(II) and U(VI)O₂²⁺ complexes, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, Volume 146, 5 July 2015, Pages 228-239, T.A. Yousef, Sara F. Ahmed, O.A. El-Gammal, G.M. Abu El-Reash.
- 8) Structural, DFT and biological studies on Cr(III) complexes of semi and thiosemicarbazide ligands derived from diketo hydrazide, *Journal of Molecular Structure*, Volume 1125, 5 December 2016, Pages 788-799, T.A. Yousef, O.K. Alduaij, Sara F. Ahmed, G.M. Abu El-Reash, O.A. El-Gammal.
- 9) Semi- and thiosemicarbazide Mn(II) complexes: Characterization, DFT and biological studies, *Journal of Molecular Structure*, Volume 1119, 5 September 2016, Pages 351-364, T.A. Yousef, O.K. Alduaij, Sara F. Ahmed, G.M. Abu El-Reash, O.A. El-Gammal.