

**Mohamed Medhat Hegazi,  
Ph.D. Professor**



**Summary**

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**Dr. Medhat** is a professor of physical chemistry at Mansoura Higher Institute of Engineering and Technology, Egypt. He received his Ph.D. in physical chemistry from Tanta University He has a B.Sc. in chemistry and a M.Sc. in physical chemistry in addition to several years of experience in Industrial applications and Test methods in chemistry administration of the Ministry of Trade and Industry , Egypt .

- Strong research background. Authored and Co-authored more than 3 research papers. Published and presented in the reputed science journals.
- Attended a lot of training courses on a many scientific instruments in and outside Egypt.

**Education**

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- 2012 – 2015 :**            **Ph.D.** in physical chemistry, Tanta University, EGYPT.
- 9002 – 2011 :**            **M.Sc.** in physical chemistry Benha University, EGYPT.
- 1992 – 1996 :**            **B.Sc.** in Science, chemistry grade: **Very Good with Honor's Degree.**

**Professional Experience**

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- 2015 – Present:**        **Professor** – Lecturer at Horus University and Mansoura Higher Institute of Engineering and Technology, EGYPT. Duties include conducting research work, supervising graduate students and teaching the following graduate and undergraduate courses: physical chemistry, analytical chemistry and inorganic chemistry.
- 1996 – 2001 :**            Researcher for master degree in the Mansoura University, Faculty of Science, Chemistry Department.
- 2001 – 2014 :**            Quality control Chemist in the chemistry Administration, Ministry of Industry, Egypt.

## **Professional Affiliations**

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Member of the Syndicate of Scientific Professions .

## **Publications, Technical Reports & Presentations**

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### **Refereed Journal Publications**

- 1- Some Schiff Base Compounds as Inhibitors for Corrosion of Carbon Steel in Acidic Media
- 2- Corrosion Inhibition of C-steel used in Petroleum Pipelines in Aqueous Solutions using some Chalcone Derivatives
- 3- Henna extract as green corrosion inhibitor for carbon steel in hydrochloric acid solution