

**Rabab Ramadan Ahmed Lasheen., Ph.D.**

Teacher



## **Summary**

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**Dr. Rabab Lasheen** is a professor of chemical engineering at El Mansoura High Institute of Engineering and Technology, Egypt. She received her Ph.D. in analytical chemistry from Mansoura University. She has a B.Sc. in chemistry and a M.Sc. in analytical chemistry from Mansoura university, in addition to several years of experience in teaching Engineering Chemistry.

## **Education**

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**Dec 2000– Jan 2005:** **Ph.D.** in Analytical chemistry, Mansoura University, EGYPT.

**Thesis:** “Preconcentration and separation of some heavy metal ions in different environmental samples on a modified chelating silica gel and their analytical determination”.

**Dec 1997– Jan 2000:** **M.Sc.** in Analytical chemistry, **Thesis:** “Preconcentration of trace elements, in natural water and ores, with cationic exchanger, coprecipitation and their determination by spectrometric techniques”, Mansoura University, Egypt.

**Oct 1991– Jun 1995:** **B.Sc.** in chemistry, Mansoura university, Egypt, grade: **Very Good** .

## **Professional Experience**

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**Sep 2014 – Present:** **Teacher** – Basic Science Department, Faculty of Engineering, Mansoura College, EGYPT. Duties include teaching the following course:

- Chemical Engineering.

**Sep 2011 – May 2014:** **Head of Chemistry Department in Mansoura college international school.** Duties include teaching chemistry to American diploma and IGCSE

**Sep 2005 – Mar 2011:** **Teacher Assistant** – Chemistry Department, Faculty of Science, Mansoura University, EGYPT. Duties include teaching the following graduate and undergraduate courses:

- Analytical chemistry.
- Instrumental chemistry
- Gravimetric analysis

**Sep 2005 – Mar 2011: Demonstrator** – Chemistry Department, Faculty of Science, Mansoura University, EGYPT. Duties include teaching the following graduate and undergraduate courses:

- analytical chemistry.
- Instrumental chemistry
- Gravimetric analysis

## **Publications**

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### **Refereed Journal Publications**

1. IMM Kenawy, MAH Hafez, MA Akl, RR Lashein (2011). “determination by aas of some trace heavy metal ions in some natural and biological samples after their determination using newly chemically modified chloromethylated polystyrene – pan ion exchanger.” *Paper Accepted for publication in ANALYTICAL SCIENCES, JAPAN, MAY 2000*
2. MAH Hafez, IMM Kenawy, MA Akl, RR Lashein (2011). “Preconcentration and separation of total in environmental samples using mercury chemically modified chloromethylated polystyrene – pan ion exchanger and its determination by cold vapor atomic absorption spectrometry.” *Paper Accepted for publication in TALANTA, 2001*
3. MAA Akl, IMM Kenawy, RR Lasheen (2011). “thermal decomposition of chloromethylated polystyrene – pan resin and its complexes with some transition metal ions.” *Paper Accepted for publication in JOURNAL OF THERMAL ANALYSIS AND COLORIMETRY 2001.*
4. MAAEA Akl, IM Kenawy, RR Lasheen (2003). “determination by aas of some trace heavy metal ions in some natural water samples after their preconcentration using chemically modified silica gel ion – exchanger.” *Paper Accepted for publication in 7<sup>th</sup> international conference on chemistry and its role in development iccrd’7, Mansoura and Sharm El-sheikh, Egypt*
5. ME Mahmoud, IMM Kenawy, MMAH Hafez, RR Lasheen (2004). “organically modified silica gel and flame atomic absorption spectrometry: employment for separation and Preconcentration of nine trace heavy metals for their determination in natural aqueous systems.” *Paper Accepted for publication in MICROCHEMICAL JOURNAL*
6. MAAEA Akl, IM Kenawy, RR Lasheen (2005). “Silica gel modified with N-(3-propyl)-o-phenylenediamine: Functionalization, metal sorption equilibrium studies and application to metal enrichment prior to determination by flame atomic absorption spectrometry.” *Paper Accepted for publication in Analytical sciences.*
7. ME Mahmoud, IMM Kenawy, MMAH Hafez, RR Lasheen (2010). “Removal, Preconcentration and determination of trace heavy metal ions in water samples by AAS via chemically modified silica gel N-(1-carboxy-6-hydroxy) benzylidenepropylamine ion exchanger.” *Paper Accepted for publication in Desalination*