 **Rabeea Dahy**

**CV**

**PERSONAL DETAILS:**

**Date of Birth:** December 9, 1986

**Citizenship:** Egyptian

**Gender:** Male

**Work Address:** Chemistry Department, Faculty of Science, Al-Azhar

University, Assiut, Egypt

**Telephone:** 002 01112151185

**E-mail:** rabia.chem@yahoo.com, Rabeea.D.Abdel-Rahim@Azhar.edu.eg

**EDUCATIONAL QUALIFICATIONS:**

**September 2016: Master of physical  chemistry**

Chemistry Department, Faculty of Science, Al-Azhar University, Assiut, EGYPT

**January 2014: Registered for Master of Chemical Science**

Entitled: "**Determination of some pharmaceuticals compounds using**

**nanotechnology developed voltammetric techniques and spectrophotometric**

**methods**"

Chemistry Department, Faculty of Science, Al-Azhar University, Assiut, EGYPT

**May 2013: Pre Master in Chemistry, Inorganic Chemistry**

Chemistry Department, Faculty of Science, Al-Azhar University, Cairo, EGYPT

 Chemistry 501( Advanced Analytical Chemistry)

 Chemistry 502(Chemical application of group theory, Coordination chemistry and

determination of stability constants, and Advanced organometallic chemistry)

 Chemistry 503 (Organic synthesis, Heterocyclic chemistry, and Reaction mechanism)

 Chemistry 504 (Advanced chemical kinetics, Thermodynamic of solutions (Macromolecules),

and Heterogeneous catalysis)

 Chemistry 505 (Applied Physical Chemistry, Advanced)

 Chemistry 506 (A special course in Physical Chemistry)

**May 2009: B.Sc. in Special Chemistry (Excellent With Honor Degree)**

Chemistry Department, Faculty of Science, Al-Azhar University, Assiut, EGYPT

**INSTRUMENTAL WORKING AND OPERATION:**

• Perkin Elmer Pecss program (treatment the experimental results of Visible spectra)

**PROGRAMMING SKILLS:**

• Desktop Publishing (Office, Excel and PowerPoint)

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| --- | --- | --- | --- | --- | --- |
| **University/Institution**  **(Employer)** | **From** | **To** | **Job**  **Title/Rank**  **(Position)** | **Inclusive duties**  **(teaching,**  **research)** | **Type of Job**  **(full time,**  **part time)** |
| Al-Azhar Univ., Faculty of  Science | 2016 | Now | Assistant  Lecturer | Teaching, research | Full time |
| Al-Azhar Univ., Faculty of  Science | 2013 | 2017 | Demonstrator | Teaching, research | Full time |
| Ceramica Cleopatra Group | 2010 | 2013 | Chemist | Laboratory measurements and quality | Full time |

**EMPLOYMENT HISTORY:-**

**COURSES TAUGHT AT Al-AZHAR UNIVERSITY (Undergraduate)**

 Experimental Physical Chemistry (kinetics chemistry, and instrumental analysis)

 Experimental Analytical Chemistry (qualitative and quantitative analysis)

 Experimental Organic Chemistry (qualitative analysis and organic Synthesis)

**MASTER THESIS ABSTRACT:**

The work mainly attempts to purification of phosphoric acid solution from Fe(III) pollutant. Our concern is based on preparation of a new adsorbent based on polyvinyl alcohol and zirconium oxide composite and its phosphorylation to become cross-linked phosphorylated PVA-ZrO2 composite and this composite was characterized using FT-TR spectra, XRD and SEM. and we focus in experimental application of the obtained adsorbent for adsorption of Fe(III) ions from different phosphoric acid percentage solutions.

**RESEARCH INTERESTS:**

• sorbents  (Preparation, Characterization and Application).

• physical and Analytical chemistry.

• Spectrophotometric analysis (Quantitative Analysis).

**REFEREES AND SUPERVISORS:**

**Prof. Dr. Mahmoud Mohamed Kamel**

Professor of physical Chemistry - Faculty of Science, Al-Azhar University (Assiut branch(

**Telephone:** 00201113033830, 00966537106764

**E-mail:** [Mmk.electro@yahoo.com](mailto:abdelhaleemmh@yahoo.com)

**Prof. Dr. Mahmoud Ahmed Taher**

Professor of physical Chemistry - Faculty of Science, Al-Azhar University (Assiut branch(

**Telephone:** 00201224816666

**E-mail:** [mahmoudtaher@yahoo.com](mailto:ayossefelsayed@yahoo.com)

**Dr. Mohamed Hassan Ahmed**

Lecturer of physical Chemistry- Faculty of Science, Al-Azhar University (Assiut branch)

**Telephone:** 00201152445569

**E-mail:** [mohm7762@yahoo.com](mailto:ahmed2003hosny@yahoo.com)