

Curriculum Vitae

It's an honor for me to introduce this C.V. with my personal information to apply to work in your group as an employee contributing in the development of this corporation.

Personal Information	
Name	Amera Marey Mohammed Hassanien
Nationality	Egyptian
Date of Birth	27/9/1982
Place of Birth	Helwan
Sex	Female
Marital Status	Married
Religion	Muslim
Contact Details	
Address	Shoubra El Kheima, the New Street, the New Sharawy Street- El Fady Tower.
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Education

Ph.D. (2011-2013)

► Polymer Chemistry – “Preparation and characterization of composite reverse osmosis membranes and its application for saline water desalination”, Faculty of Science, Ain Shams University.

M.Sc. (2003-2009)

► Organic Chemistry - “Chemical study on some reverse osmosis membranes for possible use in desalination of saline water”, Faculty of Science, Helwan University.

Pre-Masters. (2003-2004)

► Organic chemistry- Helwan University.

B.Sc. (1999-2003)

► Chemistry and Biochemistry – honor degree. Faculty of Science, Helwan University.

Languages

English	: Very Good
Arabic	: Native Language
French	: Good

Training & Courses

- Completed **Course of Forensic Chemistry and Criminology** at Udemey platform, 2021.
- Diploma in **Human development, Canadian Training Center of Human Development**, 2021.
- Participate in online workshop at zoom titled as “**Twenty-first century skills**” and "How to add and include these skills in educational and training curriculum, by “**Federation of Arab Trainers Syndicates**”, 2021.
- Participate in in scientific webinar entitled “**The Digital Divide & ways of digital transformation**” Held via the online Platform - Zoom Application, by “**The Scholars and Academics Platform - IFAD and the Wining Strategy Group**”, 2021.
- Participate in **1st ASRIC Conference on Engineering Sciences**, the conference is organized by African Scientific Research and Innovation Council (ASRIC) and Obour High Institutions (OHI); and in partnership with the Ministry of Higher Education and Scientific Research of EGYPT. By research titled as” **Aromatic Polyamide Membrane for Water Desalination Grafted with Copolymer (Acrylic Acid)**”, 2021.
- Participate in **The Fifth Scientific Conference of Obour Institutes, Under** the title "Engineering and Informatics for Smart Enterprises" by research titled as “**Adsorption studies on orange peel /acrylamide composite hydrogel for removal of Co (II) ions from wastewater as a novel trend toward green sustainable treatment**,” 2021.
- Training program for strategic planning for colleges and institutes of higher education, 2020.

Teaching Courses:

- 1- Water Treatment and Sewage
- 2- Applied Chemistry
- 3- Technical Reports
- 4- Communications Skills
- 5- Research Tools
- 6- Negotiation Skills

Work Experience

- Lecturer of chemistry, Faculty of Engineering, Science Valley Academy, Al-Obour city. (18/12/2014- Current).

- Control Responsible, Faculty of Engineering, Science Valley Academy, Al-Obour city.
- Member of the Directors of Quality Board in the Valley Higher Institute for Engineering and Technology, Cairo
- Lecturer of chemistry, Faculty of Engineering, Higher Institute for Engineering and Technology –El Marg. (26/9/2013- 31/8/2014).
- Assistant lecturer of chemistry, Faculty of Engineering, Higher Institute for Engineering and Technology –El Marg. (1/2/2013-25/8/2013).
- Chemists at Desert Research Institute – Hydro- geochemistry from (2003-2008).

Publications:

- 1- A. Marey and Doaa F. Ahmed, Common data analysis in batch adsorption studies process on natural composite hydrogel for removal of Co (II) ions for recycling and regeneration wastewater.
- 2- A. Marey and Doaa F. Ahmed, Green modification of hydrogel as a novel natural material for dye removal as a sustainable and renewable bioresource for wastewater reuse, Journal of Hunan University Natural Sciences, 48(11) (2021), 1260-1277.
- 3- A. Marey, Sustainable treatment of contaminants from Bilbeis Drain, Egypt, by Quercus (Red Oak) as a natural Coagulant for reuse, Journal of Tianjin University, 54(12) (2021), 494-513.
- 4- A. Marey, Usage of Cicer Arietinum as a local and eco-friendly natural coagulant in sewage treatment and its ability to increase the formation of floc process, Revista Bionatura, 6(3) (2021), 1939-1943.
- 5- A. Marey, Synthesis Composite of TiO₂/Chitosan and TiO₂/ Bentonite for Removing Turbidity from Ismailia Canal as Water Treatment Plant, African Journal of Chemical Education—AJCE 10(1) (2020), 124-133.
- 6- A. Marey, Composite of Chitosan and Bentonite as coagulant agents in removing turbidity from Ismailia Canal as water treatment plant, Revista Bionatura, 4(3) (2019), 897-899.
- 7- A. Marey, Effectiveness of chitosan as natural coagulant in turbid waters, Revista Bionatura, 4(2) (2019), 856-860.
- 8- M.A. El-Hashash, M. A. Mekewi, D. B. Guirguis and M.A. Ramadan, Fabrication of Polyvinyl Alcohol/Cellulose Acetate (PVA/CA/PEG) Antibacterial Membrane for Potential Water Purification Application, Hydrology: Current Research, 4(1) (2012), 1-6.
- 9- M.A. El-Hashash, M. A. Mekewi, D. B. Guirguis and M.A. Ramadan, Polyvinylalcohol Cellulose acetate composite reverses osmosis membranes: I-synthesis and characterizatioin, Egyptian Journal of Applied Science, 26(11) (2011), 601-616.
- 10- K.A. Shaffei, A.M. Ramadan, M.H. El Sayed and H.A. Shawky, Aromatic polyamide membrane for water desalination prepared from m-phenylene diamine and its acrylic acid grafted copolymer, Egyptian Journal of Textile and Polymer Science, 13(2) (2009), 99-120.