



## **CURRICULUM VITAE**

### **PERSONAL PARTICULARS**

Full Name : Ahmed Abed ALkader Moh'D ALmobydeen  
Date of Birth : 05th Mar. 1972  
Place of Birth : Madaba / Jordan  
Sex : Male  
Nationality : Jordanian  
Occupation : Retired Colonel from Jordan armed forces  
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## **ACADEMIC QUALIFICATIONS**

- ❖ **Ph.D., (Chemistry) 2019**. GPA: 3.61 / 4.00 (very good), University of Jordan, Jordan.

### **Title of Thesis:**

“(Green Synthesis of CuO, BaCO<sub>3</sub>, and Y<sub>2</sub>O<sub>3</sub> Nanoparticles Using Mediterranean Cypress Cones and their Applications in YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> Superconductor synthesis and Biochar-Based Nano Copper Oxide Composites for Arsenic Removal)”.

- ❖ **M.Sc. (Chemistry), 2006**. GPA: 81.8% (very good). AL-al-Bayt university, Jordan

### **Title of Thesis:**

“Synthesis and studying of dendrimers functionalized with carbon disulfide Derivatives”.

- ❖ **B.Sc. (Chemistry), 1993**. GPA: 78.05% (very good), (first in my class). Mu'tah University, Al-Karak, Jordan.

## **PROFESSIONAL EXPERIENCES**

- ❖ Research Assistant for Prof. Dr. Imad (Moh'DKhair) Rashid Hamadneh in green synthesis of nano particles and their applications in waste removal in Material Science and Nanotechnology Lab, University of Jordan from August 2018 to November 2108.

- ❖ **B.Sc in military science**. Staff College /Jordan 2010, Royal command and staff college.
- ❖ **Psychological operations Diploma**, USA, 2008.

## **SOCIETIES AND PUBLIC SERVICES**

- ❖ Member of **Jordanian Chemical Society (JCS)**, Amman, Jordan since 2016.
- ❖ Member of **American Chemical Society (ACS)**, USA since 2017.

## **Relevant Skills**

- ❖ Ultraviolet-Visible Absorption Spectroscopy (UV-VIS).
- ❖ Fourier Transform Infrared Spectroscopy(FTIR).
- ❖ Nuclear magnetic resonance Spectroscopy (NMR ).
- ❖ Scanning electron microscopy(SEM)/transmission electron microscopy(TEM)/ Scanning transmittance electron microscopy(STEM).
- ❖ Thermal gravimetric analysis ( TGA).
- ❖ Particle Size Analyzer with zeta potential.
- ❖ Powder X-ray Diffractometry (XRD).
- ❖ Surface area analysis (BET&PJH).

## **TRAINING COURSES**

- ❖ English language course for six months (90%, Excellent), JAF language institute.
- ❖ Comprehensive Computer skills, JAF institute.
- ❖ International humanitarian law/ ICRC.
- ❖ Weapons of mass destruction (WMD)
- ❖ Training course Chemical Safety and Security Workshop/ Scientific writing and publishing(ACS)

## **PUBLICATIONS**

1. Hamadneh, I., Alhayek, H., **Al-Mobydeen, A.**, Abu Jaber, A., Albuqain, R., Alsotari, S., Al-Dujaili, A.H., 2018, " Green Synthesis and Characterization of Yttrium Oxide, Copper Oxide and Barium Carbonate Nanoparticles Using Azadirachta Indica (the Neem Tree) Fruit Aqueous Extract", *Egyptian Journal of Chemistry* (in press).

## **REFEREES**

Name : Prof. Dr. Imad (Moh'D Khair) Rashid Hamadneh.  
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