Nuseibah A. El-Amaireh

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PROFILE

- Nationality: Jordanian
- Date and place of birth : 31 / 8 / 1990, Jordan
- Present address : Amman – Jordan

EDUCATION

Jordan University of Science and Technology Irbid , Jordan

Master Degree of Chemical Engineering (GPA: Excellent , 3.89 /4) 2018

Thesis: the study of air quality at engineering workshops of Jordan University of Science and Technology. (JUST)

Jordan University of Science and Technology Irbid , Jordan

Bachelor of Chemical Engineering (GPA: VERY GOOD, 76.3 %) 2013

Graduation project: Extraction and Electro wining of Copper from Jordanian Copper Ore (SX/EW process)

TEACHING EXPERIENCE

Al Hussein Bin Talal University Ma'an , Jordan

Full-time Lecturer Febrauary,2020 – Present

- Taught the following courses:
  - Principles of Chemical engineering
  - Chemical engineering thermodynamics
  - Instrumental analysis
  - Plant design
  - Equipment design
  - Unit operations
  - Chemical engineering reaction
  - Fluid mechanics
  - Physical chemistry
- Supervised undergraduate thesis:

2021-2022: "Preliminary design of Phosphoric Acid Production Plant in Jordan"
2022-2023: "Design of Hydrogen Chloride Treatment Unit based on Mannheim Process "

Al-Balqa University

Part-time Lecturer Febrauary,2019 - May,2019

- Water Technology and water technology Lab
- Primary Petrochemicals course

Jordan University of Science and Technology Irbid, Jordan

Teacher assistance at chemical engineering department 2015 - 2017

- Fluid lab , chemical measurement and testing lab
- Fluid , Engineering Economy, Renewable Energy and heat transfer courses

RESEARCH EXPERIENCES:

- **2023: a review paper "Hospital Waste Incinerator Ash: Characteristics Treatment Techniques, and Applications (A REVIEW)" as the first author has been submitted to Q2 journal (Journal of Water and Health) , which is currently under review** :

  This review focuses on the chemical and physical characteristics of medical waste ash generated from incineration, the treatment methods used worldwide to decrease its toxicity, its possible applications, possible future directions, and identification gaps in recent research in this subject, particularly in the medical waste ash treatment methods, and the possibility of using medical ash in the concrete production.

- **2018: Master thesis:**

  focused on workplace air pollution issues. I measured concentrations of particulate matter (PM) and other hazardous gases during welding and carpentry workshops. Additionally, I developed a mathematical model describing the concentration of phosgene gas emitted during welding workshops.

I hereby affirm that all this information provided by me in this CV is true and correct to the best of my knowledge and belief; further, that no certificate of competency or license issued to me has been revoked or suspended.

Nuseibah El-amaireh