

CURRICULUM VITAE

Name Ebtesam Aali Al-Mutairi

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Objective

I want to join a leading job and do my best to reach the best center and the highest levels by employing my capabilities and skills to reach all my business goals and reach the highest levels I aspire to reach.

Education

Ph.D. Chemistry, Faculty of Science, King Abdulaziz University, Jeddah, Saudi Arabia. **2023**

M.Sc. Chemistry, Faculty of Science, King Abdulaziz University, Jeddah, Saudi Arabia. **2015**

B.Sc. Chemistry, Faculty of Science, King Abdulaziz University, Jeddah, Saudi Arabia. **2010**

Distinctions

The Award of the best poster in 1st international conference on applied chemistry-ICAC 2015, King Abdulaziz University, Jeddah, Saudi Arabia.

Certificate of excellence for obtaining a master's degree in 2017, King Abdulaziz University, Jeddah, Saudi Arabia.

Experience

2024 - Now	Assistant professor	Chemistry department, NBU, Arar, Saudi Arabia.
2015-2022 (nine semester)	Hourly Paid Lecturer	Chemistry department, KAU, Jeddah, Saudi Arabia.
14/02/2011-32/09/2011	Teacher	Fanar private schools for girls, Jeddah, Saudi Arabia.

Academic Teaching Experience

- Surface chemistry (**Chem 343**)
- Kinetic Chemistry (**Chem 346**)
- Thermodynamics Chemistry (**Chem 241**)
- General Chemistry (**Chem. 110**)
- General Chemistry (**Chem. 112**)
- Laboratory Safety (**Chem. 200**)
- Chemistry Of Volumetric And Gravimetric (**211**)
- Practical Chemistry-1 Lab. (**Chem. 281**)
- General Chemistry-2 Lab. (**Chem. 202**)
- Organic Chemistry For Non-Chemists Lab. (**Chem. 230**)
- Organic Chemistry-1 Lab. (**Chem. 231**)
- Experimental Inorganic Chemistry Lab. (**Chem. 323**)
- Chemistry Of Volumetric And Gravimetric Analysis Lab (**211**)
- Instrumental Methods Of Analysis Lab. (**312**)

Training

14/02/2011 - 27/3/2011	English Language Course	Direct English Language Institute, Jeddah, Saudi Arabia.
28/04/2012 - 2/05/2012	Foundation of Nanoscience & Nanotechnology	King Abdulaziz University, Jeddah, Saudi Arabia.
11/03/2013	Take Action Something Different	Deanship of Students' Affairs-Girls' Campus, King Abdulaziz University, Jeddah, Saudi Arabia.
03/04/2013	Mendly	Center For Teaching & Learning Development, King Abdulaziz University, Jeddah, Saudi Arabia.
19/12/2013	EndNote	Vice Deanship of Library Affairs-Girls' Campus, King Abdulaziz University, Jeddah, Saudi Arabia.
19/10/2014 - 20/10/2014	Catalytic Decomposition of Nitrous Oxide	Science and Technology Unit, Deanship of Scientific Research & Center of Excellence for Advanced Materials Research, King Abdulaziz University, Jeddah, Saudi Arabia.
09/04/2014 – 13/04/2014	Fundamental of Research Design and Methodology	Center For Teaching & Learning Development, King Abdulaziz University, Jeddah, Saudi Arabia.

04/12/2014	The royal society of chemistry second gulf symposium on the design and application of advanced materials	King Abdulaziz University, Jeddah, Saudi Arabia.
27/01/2015 – 28/01/2015	Grapheme supported materials: structure study	Deanship of Scientific Research Science and Technology unit, King Abdulaziz University, Jeddah, Saudi Arabia.
28/04/2015	Thermo dionex innovation and solutions in ion chromatography (IC) & sample preparation (SP) techniques	Naizak, King Abdulaziz University, Jeddah, Saudi Arabia.
01/11/2016	Teaching skills and evaluate students	Development and quality unit, King Abdulaziz University, Jeddah, Saudi Arabia.
07/10/2017	Scientific Writing and Publishing	American Society For Microbiology, held in faculty of science, King Abdulaziz University, Jeddah, Saudi Arabia.
14/06/2021	Transitions and Connections in Academic Writing	English language institute and academic writing center, King Abdulaziz University, Jeddah, Saudi Arabia.
28/06/2021	Strategies for Writing Literature Review	English language institute and academic writing center, King Abdulaziz University, Jeddah, Saudi Arabia.

Publication

1. **Ebtesam Al-Mutairi**, Katabathini Narasimharao, Mohammed Mokhtar, **“Heteropolyacid generated on the surface of iron phosphate nanotubes: structure and catalytic activity studies”**. *RSC Adv.*, pp. 63917-63929, 2015. (IF:3.108)
2. Mohamed Mokhtar, Tamer S. Saleh, Katabathini Narasimharao, **Ebtesam Al-Mutairi**, **“New green perspective to dihydropyridines synthesis utilizing modified heteropoly acid catalysts”**, *Catalysis Today*, pp. 484-496, 2021. (IF:6.766)
3. Katabathini Narasimharao, Mohammed Mokhtar, **Ebtesam Al-Mutairi**, **“MoO_x and WO_x conjugated iron phosphate nanotubes catalysts for benzylation of benzene using benzyl alcohol”**, *Catalysis Communications*, p. 106423, 2022. (IF:3.626)
4. M. Gabal, **Ebtesam Al-Mutairi**, Y. Al Angari, A. Awad, A. Al-Juaid, and A. Saeed, **"Synthesis, characterization, elastic, and electro-magnetic properties of MF₂O₄**

ferrites (M= Co²⁺, Ni²⁺, Cu²⁺, Mg²⁺, and Zn²⁺) via sucrose auto-combustion", *Journal of Materials Research*, pp. 2257-2270, 2022. (IF:2.909)

5. M. Gabal, **Ebtesam Al-Mutairi**, Y. Al Angari, A. Awad, A. Al-Juaid, and A. Saeed, **"Synthesis of polyaniline/spinel ferrites core-shell nanocomposites via sucrose auto-combustion and in situ polymerization"**, *Physica scripta*, p. 125915, 2023. (IF:3.081)
6. M. Gabal, **Ebtesam Al-Mutairi**, Y. Al Angari, A. Awad, A. Al-Juaid, and A. Saeed, **"Synthesis, structural, thermal and electromagnetic properties of ternary composites MFe₂O₄/PANI/MWCNTs (M = Co²⁺, Cu²⁺, Mg²⁺, Ni²⁺, and Zn²⁺)"**, *Journal of Materials Research*, pp. 3478-3490, 2023. (IF:2.909)
7. M. Gabal, **Ebtesam Al-Mutairi**, Y. Al Angari, M. Abdel Salam, A. Awad, A. Al-Juaid, and A. Saeed, **"CoFe₂O₄/PANI/MWCNTs ternary hybrid composites. Synthesis, characterization, effect of MWCNTs ratio and dye removal capability"**, *Environmental Science and Pollution Research*, 31135–31148, 2024.

Conferences

1. **Ebtesam Al-Mutairi**, Katabathini Narasimharao, Mohammed Mokhtar, **"Heteropolyacid Generated On The Surface Of Iron Phosphate Nanotubes: Structure And Catalytic Activity"** 1st international conference on applied chemistry (ICAC) 18-19 November 2015, King Abdulaziz University, Jeddah, Saudi Arabia.
2. **Ebtesam Al-Mutairi**, M. Gabal, **"PANI/MFe₂O₄ core-shell nanocomposites (M = Co²⁺, Ni²⁺, Cu²⁺, Mg²⁺, and Zn²⁺) synthesized via sucrose auto-combustion and in situ polymerization"**, The thirteenth scientific conference for male and female students of King Abdulaziz University, 2022, King Abdulaziz University, Jeddah, Saudi Arabia

Contribution and Certificates

- Certificate of appreciation for attending **3rd scientific conference**, 27/11/2011
Faculty of Science, King Abdulaziz University.
- Certificate of appreciation for contribution to the activation of the **Chemistry Club**, Chemistry department, King Abdulaziz University. 2017-2018

Skills

- Operation of analytical equipments such as FT-IR, UV-vis, GC-MS, Centrifuge, Ultrasonic instrument and Reflux condenser.
- Proficiency in Windows and Microsoft Office programs, Hyper chem. and Chem. Draw.