

## CURRICULUM VITAE

### PERSONAL DATA

|                    |                            |
|--------------------|----------------------------|
| <b>Name</b>        | Eida Salman Saad Al-Farraj |
| <b>Nationality</b> | Saudi                      |
| <b>Position</b>    | Professor                  |
| <b>E-Mail</b>      | esalfarraj@imamu.edu.sa    |
| <b>Phone</b>       | 0505924653                 |

### EDUCATION

| <b>Year</b> | <b>Academic Degree</b> | <b>Institution</b>   |
|-------------|------------------------|----------------------|
| 2015        | Ph.D degree            | King Saud University |
| 2007        | Masters' degree        | King Saud University |
| 2002        | B.Sc. degree           | King Saud University |

### WORK EXPERIENCE

| <b>Period</b> | <b>Position</b>                        | <b>Address</b>            |
|---------------|----------------------------------------|---------------------------|
| 2025-present  | Professor                              | College of Science, IMSIU |
| 2021-2025     | Associate Professor                    | College of Science, IMSIU |
| 2020-present  | Vice Dean for Female Student Affairs   | College of Science, IMSIU |
| 2017 -2021    | Assistance Professor                   | College of Science, IMSIU |
| 2018-2020     | Vice Dean, Deanship of Human Resources | IMSIU                     |

### RESEARCH INTERESTS

|                                                                                                                                                                                                                                                                                                                                       |
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| <ul style="list-style-type: none"><li>Synthesis of novel metal complexes to investigate their biological properties and evaluate their potential as anticancer agents and catalysts.</li><li>Synthesis of nanostructures and their polymer composites for water treatment, hydrogen production, and catalytic applications.</li></ul> |
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## PUBLICATIONS

1. Basem E. Keshta, **Eida S. Al-Farraj**, Fatimah Bukola Shittu, Shweta Vyas, Lobna A. Heikal, Yasmeen G. Abou El-Reash, Hany Koheil and Yuanbin Zhang " Which modification for which feedstock? a strategy-by-strategy review of Zr-MOF catalystsfor biodiesel production" *RSC Adv.*, **2026** <https://doi:10.1039/d6ra06445k> .
2. **Eida S. Al-Farraj** , Yasmeen G. Abou El-Reash , Gaber M.I. Abu El-Reash ,Adel M. Younis " *Journal of Molecular Structure*, **2026**, 1373, 146707. <https://doi.org/10.1016/j.molstruc.2026.146707>
3. Marwa Sakr, Yasmeen G. Abou El-Reash, **Eida S. Al-Farraj**, K.S. Al-Namshah,Usama El-Ayaan , Gaber M. Abu El-Reash , Mohammed M. El-Gamil "Integrated structural, fluorescence, electrochemical, and biological potency of cyano-hydrazone complexes with Ni(II), Cu(II), and Cd(II)" *Journal of Molecular Structure*, **2026**, 1374, 146844. <https://doi.org/10.1016/j.molstruc.2026.146844>
4. Tehmina Kousar, Yasmeen G. Abou El-Reash, Basem E. Keshta, Muhammad Aadil, Qurshia Choudhry, Mohamed N. Goda, Sahar Abdalla, Hany Koheil, Muhammad Farooq Warsi, Farzana Mahmood, Anish khan, Khalid A. Alzahrani, **Eida S. Al-Farraj**, Ahmad Hosseini-Bandegharai, and Ahmed M. Abodif " Bandgap engineering of Tb-doped CoNiFe<sub>2</sub>O<sub>4</sub>-rGO composites for photocatalytic dye degradation" *iScience*, **2026**, 29, 7, 116539. <https://doi.org/10.1016/j.isci.2026.116539>
5. Nasarullah, Sahar Abdalla, Muneer Ahmad, **Eida S. Al-Farraj**, Gamil A. A. M. Al-Hazmi " Exploring the Stability, Hydrogen Storage Potential, Mechanical and Optoelectronic Characteristics of Li<sub>2</sub>NaMH<sub>6</sub> (M = Ga, Y and Sc) via First Principles Analysis" *Advanced Theory and Simulations*, **2026**; 9, 70486. <https://doi.org/10.1002/adts.70486>
6. R. A. El-Kasaby, **Eida S. Al-Farraj**, Senem Akkoc, Amal H. Alsehli, Maher Fathalla, Samir A. Abdel-Latif, Mashaal A. Alghamdi, Ahmed M. Abu-Dief " Ultrasound-Assisted Synthesis and Comprehensive Characterization of Nanosized VO(II), Fe(III), and Ru(III) Complexes: From Density Functional Theory/Nonlinear Optical Properties to Pharmaceutical Applications and Docking Insights" *Chemistry Open*, **2026**, 15, 70229. <https://doi.org/10.1002/open.70229>
7. Tarek El-Dabea, Mehran Feizi-Dehnayebi, Amal H. Alsehli, **Eida S. Al-Farraj**, Nadiyah Alahmadi, Musa A. Said, Ahmed S. Al-Kady, Ahmed M. Abu-Dief "Green ultrasound-assisted

- synthesis of novel nanoscale schiff base complexes: Structural characterization and multifaceted biological applications supported by theoretical approaches" *Journal of the Indian Chemical Society*, **2026**, 103, 102894. <https://doi.org/10.1016/j.iics.2026.102894>
8. Basem E. Keshta, Tesnim Dhiss, Jing Yu, Qiaoping Kong, Huma Javeria, Yasmeen G. Abou El-Reash, Heba G. El-Attar, Hany Koheil, **Eida S. Al-Farraj**, Mohamed N. Goda and Antonio Cid-Samamed "Eco-friendly synthesis of nZVI for water remediation: latest developments and environmental applications" *RSC Adv.*, **2026**, 16, 27453. <https://doi.org/10.1039/d6ra02489k>
  9. Hoda Abd El-Shafy Shilkamy, Mehran Feizi-Dehnayeb, Senem Akkoc, Sana M. Alahmadi, Moayad M. Khashoqj, Abeer N. Al-Youbi, **Eida S. Al-Farraj** and Ahmed M. Abu-Dief "Combined experimental and theoretical investigation of the (benzoimidazol-2-yl)-methanone ligand and its Ru(III) complex: structural elucidation, stability determination, corrosion inhibition, energy storage and bioactivity applications" *BMC Chemistry*, **2026**, 20, 101 <https://doi.org/10.1186/s13065-026-01824-y>
  10. Noura N. Eltahan, Yasmeen G. Abou El-Reash, Ahmed M. Abodif, Anish Khan, **Eida S. Al-Farraj**, Hany Koheil, Basem E. Keshta, Ahmad Hosseini-Bandegharai Recent advances in glutaraldehyde-crosslinked chitosan for dye removal from wastewater: A review " *Ecotoxicology and Environmental Safety*, **2026**, 317, 120212. <https://doi.org/10.1016/j.ecoenv.2026.120212>.