

Brief Resume



Dr. Saima Naz

Contact Information:

Assistant Professor of Chemistry

University of Education, Faisalabad Campus, Pakistan

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Education

- **PhD in Chemistry (Analytical Chemistry)** - University of Agriculture Faisalabad (2016)
Thesis: "Downstream approaches for pure biofine chemicals and aroma substances from Cannabis sativa essential oil"
 - **MPhil in Chemistry (Analytical Chemistry)** - University of Agriculture Faisalabad (2011)
 - **MSc in Chemistry** - University of Agriculture Faisalabad (2008)
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Research Interests

- Isolation and purification of bioactive compounds from medicinal plants.
 - Synthesis of bio-nanomaterials and their photocatalytic applications.
 - Advanced characterization techniques (GC-MS, HPLC, NMR, SEM, TEM).
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Academic Positions

- **Assistant Professor (TTS)**, University of Education, Faisalabad Campus (2022 – Present).
 - **Assistant Professor (Visiting & IPFP)**, Bahauddin Zakariya University, Multan (2016–2019).
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Honors and Awards

- Best Presenter Award, International Conference on Research in Biological Sciences (2021).
 - Indigenous PhD Fellowship (2012-2016), HEC Pakistan.
 - SRGP Research Project Grant (2017-2018), HEC Pakistan.
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Research Projects

- Principal Investigator: Isolation of bioactive compounds from *Cannabis sativa* (PhD Project, 2012-2016).
 - Principal Investigator: Characterization of medicinal plant compounds (SRGP, 2017-2018).
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Publications

- **34 research papers** in refereed journals, focusing on nanomaterials, plant-derived bioactives and environmental chemistry.
 - **2 book chapters**, including contributions to "Nanotechnology for Medicine."
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Editorial and Peer Review Roles

- Editorial Board Member: *International Journal of Advances in Nutrition Science and Technology*.
 - Reviewer: *Journal of Chemistry International*, *Water Science and Technology*, and others.
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Technical Skills

- Advanced chromatography (GC-MS, HPLC), spectroscopy (FTIR, UV-VIS), and microscopy techniques (SEM, TEM).
 - Pilot-scale distillation and extraction techniques.
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Professional Memberships

- Lifetime Member: International Scientific Organization (since 2013).
 - Permanent Member: Chemical Society of Pakistan (since 2014).
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Conferences and Workshops

- Presented at over **39 national and international conferences**, including keynotes on nanotechnology and biochemistry.
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Thesis Supervision

- Supervising multiple PhD and MS students in analytical chemistry and nanotechnology research.