

Saadat Majeed (She/Her)

Ph. D. (CIAC-CAS, China)

Associate Professor

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[Researcher ID: P-9895-2017](#)

My research is centered on the development of advanced analytical methods, point-of-care methods, portable devices, bio-interfaces, and sensor technologies for pharmaceutical, biomedical, and environmental applications. I specialize in neurotransmitter analysis, stress hormone analysis, drug and antibiotic analysis, biological molecule analysis, and the design of highly sensitive biosensors and optical sensors for biomolecule detection. I am actively involved in the development of enzyme-free sensors and biomedical devices designed to enhance diagnostic capabilities. My work also includes the fabrication of biomedical devices for targeted biomolecule detection, the investigation of wound healing technologies, and the creation of environmentally sustainable sensing platforms.

- Strong interpersonal and communication skills with an ability to negotiate and influence stakeholders.
- Ability to work effectively in teams to achieve results collaboratively across programs and institutions.
 - Skilled at handling multiple priorities in a results-oriented, multicultural setting.

2012-2015 Doctor of Philosophy (PhD)

Supervisor: Prof Dr. Guobao Xu

*State Key Laboratory of Electroanalytical Chemistry, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun, China
(www.ciac.ac.cn)*

Thesis Title: Synthesis and Applications of Quantum Dots

Selected Editorial and Reviewer Assignments

- **Associate Editor:** Biomaterials and Bio-Inspired Materials - Biomaterials and Bio-Inspired Materials-2022- To date Impact Factor 3.985.
- **Editor:** Frontiers in Chemistry -2021- Impact Factor 3.693
- **Guest Editor Special Issue Journal Materials Innovations:** “Materials Science Research of Sustainable Development Goals”, 2021-2022; Material Science Society of Pakistan and WEmpower Pakistan.
- **Editor: Frontiers in Energy Research -2021 - Impact Factor 2.67**
- **Editor Journal of Nanoscope**, Women University Multan; ISSN (P):2707-711X (Y Category)
- **Editor Newsletter: Office of Research, Innovation and Commercialization** (ORIC Newsletter BZU Multan) 25 March 2019.
- **Vice President/ Executive Board:** SAVAP International (Society for the Advancement of Education through Visionary Academicians/Researchers for Peaceful Globe),
- **Member Advisory Review Board**, Academic Research International, SAVAP International. ISSN-L: 2307-3713, ISSN: 2307-3721 Print.
- **Member Advisory Review Board**, Asian Journal of Natural & Applied Sciences (AJSC) ISSN: 2186-8476, ISSN: 2186-8468 Print
- **Project Reviewer:** Pakistan Science Foundation, HEC Pakistan since 2022
- **Project Reviewer:** HEC Pakistan since 2021