

CURRICULUM VITAE

PERSONAL DATA

Name	Dr. Nadeem Raza
Nationality	Pakistani
Position	Professor in Analytical Chemistry
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EDUCATION

Year	Academic Degree	Institution
2017	<i>PostDoc</i>	<i>Department of Materials Science and metallurgy, University of Cambridge, UK</i>
2015	<i>Ph.D. Chemistry</i>	<i>Bahauddin Zakaryia University, Pakistan</i>

WORK EXPERIENCE

Period	Position	Address
19-08-2024-date	Professor	Imam Muhammad Ibn Saud Islamic University
13-12-2022 to 18-08-2024	Associate Professor	Imam Muhammad Ibn Saud Islamic University

RESEARCH INTERESTS

Method development, Materials synthesis and their application in environemt, energy, food chemistry, and biochemistry

PUBLICATIONS

- Khalid, A., Ahmed, A., Ahmad, M., Ahmad, P., Alotibi, S. and Raza, N., 2026. Enhancing electrocatalysis using external fields: A review of mechanisms and applications. *Sustainable Materials and Technologies*, p.e02104.
- Altaf, W., Raza, N., Hayat, M., Khalid, S., Algethami, F.K., Baig, J.A., Elamin, M.R. and Manzoor, S., 2026. Tailoring of amino functionalized graphene oxide/cellulose/chitosan composite for the determination of imidacloprid in milk samples. *International Journal of Biological Macromolecules*, p.152385.

- Raza, N., Albalwai, K.M., Aziz, K., Tariq, R., Adeel, M., Kanwal, N., Salem, M.E., Mushtaq, M.A., Chaudhary, A.A., Raza, W. and Javed, M.S., 2026. Biomass derived materials for sustainable lithium batteries: A comprehensive review on recent trends, challenges and prospects. *Journal of Energy Storage*, 153, p.120965.
- Algethami, F.K., Marwani, H.M., Raza, N., Asiri, A.M. and Rahman, M.M., 2024. Non-enzymatic electrochemical detection of melamine in dairy products by using CuO decorated carbon nanotubes nanocomposites. *Food Chemistry*, p.138792.
- Hejji, L., Ali, Y.A.E.H., Azzouz, A., Raza, N., Villarejo, L.P. and Kailasa, S.K., 2024. Recent insights into molecularly imprinted membrane technology for removal of pollutants from environmental water: From organic molecules to metal ions. *Journal of Water Process Engineering*, 58, p.104852.
- Ali, Y.A.E.H., Azzouz, A., Ahrouch, M., Lamaoui, A., Raza, N. and Lahcen, A.A., 2024. Molecular imprinting technology for next-generation water treatment via photocatalysis and selective pollutant adsorption. *Journal of Environmental Chemical Engineering*, p.112768.
- Aziz, K., Naz, A., Raza, N., Manzoor, S. and Kim, K.H., 2024. Reduced and modified graphene oxide with Ag/V2O5 as a ternary composite visible light photocatalyst against dyes and pesticides. *Environmental Research*, 247, p.118256.
- Sajjad, M., Almufarij, R., Ali, Z., Sajid, M., **Raza, N.**, Manzoor, S., Hayat, M. and Abdelrahman, E.A., 2024. Magnetic solid phase extraction of aminoglycosides residue in chicken egg samples using Fe3O4-GO-Agarose-Chitosan composite. *Food Chemistry*, 430, p.137092.
- Gouadria, Soumaya, Abdullah G. Al-Sehemi, Sumaira Manzoor, Muhammad Abdullah, Abdul Ghafoor Abid, Nadeem Raza, Larissa V. Panina, M. I. Sayyed, Daria I. Tishkevich, and Alex V. Trukhanov. "Design and preparation of novel LaFeO3/NiFe2O4 nanohybrid for highly efficient photodegradation of methylene blue dye under visible light illumination." *Journal of Photochemistry and Photobiology A: Chemistry* 448 (2024): 115305.
- Hussain, S.N., Kumar, A., Naz, F., Abd El-Gawad, H.H., Mehmood, A., El-Bahy, Z.M., Gul, H., Mushtaq, M.A., Ahmad, M., Raza, N. and Raza, W., 2024. Optimizing electronic structure of CoSe2 nanorods via N-dopant modulation for superior electrocatalytic hydrogen evolution reaction. *Electrochimica Acta*, 475, p.143637.