

## **Dr. Hezron Oguto - Bio**

Dr. Hezron Ogutu is a seasoned Chemistry Department Faculty Lecturer at Kisii University in Kenya, where he imparts his knowledge and passion for the field to aspiring chemists. Simultaneously, he serves as the Director of Ecolake consultancy in South Africa, showcasing his commitment to applying scientific expertise in real-world contexts. With a robust educational background, Dr. Ogutu holds a PhD in hydrometallurgy chemistry from Stellenbosch University, an MSc in medicinal, coordination chemistry, and crystallography from the University of Johannesburg, and a BSc in Industrial chemistry from the University of Nairobi.

Dr. Ogutu's research interests are expansive and reflect his dedication to addressing environmental challenges. His work spans green chemistry, mining chemistry, hydrometallurgy (with a focus on the synthesis of extractants), acid mine drainage, membrane synthesis, water, and nanoparticles research. His proficiency in structural chemistry, utilizing techniques such as SXRD (Single Crystal X-ray Diffraction) and PXRD (Powder X-ray Diffraction), underscores his commitment to advancing the understanding of chemical structures. With his combination of academic and consultancy roles, Dr. Hezron Ogutu strives to make significant contributions to the realms of chemistry and environmental science. Sustainable eco-industrial growth can be achieved through innovative material structures.