Prof. Val Ekechukwu



Former Director of Research, NUC

Prof. Onyemaechi Valentine “Val” Ekechukwu is a Nigerian academic and Professor of Mechanical Engineering (Applied Solar Energy). He earned his PhD in Mechanical Engineering (Applied Energy) from Cranfield University, United Kingdom, in 1988.

He has been a Professor of Applied Solar Energy in the Department of Mechanical Engineering at the University of Nigeria, Nsukka (UNN) since 2001, where he began his academic career as a Graduate Research Assistant in 1983.

Prof. Ekechukwu served as Director of Research and Innovation and later Director of ICT at the National Universities Commission (NUC) (2007–2015), and was Dean of the Faculty of Engineering at UNN (2018–2020).

His professional affiliations include Fellowships with the Institute of Chartered Chemists of Nigeria (FICCON), Solar Energy Society of Nigeria (FSESN), and the Renewable and Alternative Energy Society of Nigeria (RAESON), where he also serves as Vice President. He is a Registered Engineer with the Council for the Regulation of Engineering in Nigeria (COREN).

Prof. Ekechukwu has received prestigious academic fellowships, including Fulbright Senior Research Scholar at the Solar Energy Laboratory, University of Wisconsin–Madison, and an Alexander von Humboldt Foundation fellowship in Germany, reflecting his international scholarly engagement.

Overall, he is a seasoned academic leader recognized for contributions to renewable energy research, engineering education, and university administration.