

Biographies

Dr Paul A. Ozor obtained a bachelor's degree (B.Engr) in Mechanical/Production Engineering at Enugu State University of Science and Technology, Nigeria in 2001. He worked as project manager with some engineering companies before proceeding to Department of Mechanical Engineering, University of Nigeria Nsukka (UNN), where he specialized in Industrial Engineering and Operations Management. He obtained both Masters and PhD degrees in 2008 and 2015, respectively from UNN. Dr Ozor is a TWAS-DST-NRF fellow to University of Johannesburg, South Africa, and had been awarded the Association of Common Wealth Universities (ACU) early career scholarship in 2014. His research interests include Industrial Operations modelling, Systems Analysis, Reliability Engineering, with special emphasis on Maintenance, Failure mode effects and criticality analysis (FMECA), Safety and Risk assessment (SRA) as well as Environmental influence modelling, including climate change effects on water, waste and energy nexus.

Solomon Onyedeké is a prospective postgraduate student in the department of Quality and Operations Management of the University of Johannesburg. He obtained his B.Eng in 2016 from the Mechanical Engineering department of University of Nigeria Nsukka. He just completed the compulsory National Youths Service Corps in Nigeria in preparatory to commencing his postgraduate studies. He has strong interest in systems modelling with artificial neural networks and other evolutionary algorithms.

Professor Charles Mbohwa is currently the Ag, Executive Dean of Faculty of Engineering and the Built Environment, University of Johannesburg. He obtained B. Sc. Honours in Mechanical Engineering in 1986 from Department of Mechanical Engineering, University of Zimbabwe, Harare, Zimbabwe. He later bagged M. Sc. in Operations Management and Manufacturing Systems in 1992, with a distinction from Department of Manufacturing Systems Engineering, University of Nottingham, UK. He obtained PhD in Engineering (Production Systems focusing on Energy and life cycle assessment) from Tokyo Metropolitan Institute of Technology, Tokyo, Japan in 2004. Professor Mbohwa is an NRF-rated established researcher. In January 2012 he was confirmed as an established researcher making significant contribution to the developing fields of sustainability and life cycle assessment. In addition, he has produced high quality body of research work on Southern Africa. He is an active member of the United Nations Environment Programme/Society of Environmental, Toxicology and Chemistry Life Cycle Initiative, where he has served on many taskforce teams. He has published over 200 research articles in leading international Journals and had been keynote speaker in many international conferences despite supervising many postgraduate students and postdoctoral fellows.