

Prof. Olurinde Lafe

Prof. Olurinde E. Lafe, is the Chairman, McPherson University Governing Council & Pro-Chancellor. He is an inventor, visionary entrepreneur and a distinguished Professor of Engineering. He is a Director, Centre for Renewable Energy Technology, Federal University of Technology Akure and Chairman – The MIDATCO Group, USA.

Prof. Lafe studied Civil Engineering at the University of Lagos and bagged a Bachelor of Science Degree in 1974. He holds a 1977 DHE graduate degree in Computational Hydraulics from the Delft International Institute of Hydraulic and Environmental Engineering and later received his Ph.D in 1981 from Cornell University with a major in Computational Hydraulics and minors in Structures and Applied Mathematics.

He is an internationally recognized engineer and authority in mathematical and computational modeling. He has held professorship positions in a number of universities in the world including Africa and the United States of America.

Born on May 6, 1951 in Ondo town, Ondo State, Prof. Lafe's research efforts have resulted in 9 US issued patents covering methods and appliances for Encryption, Computational Process Modeling, Compression and Coding of Digital Images, Audio and Video Data, and Accelerated Data Delivery in Communications Networks. He has published numerous learned articles and written single and multi-author books. His book, "Cellular Automata Transforms: Theory and Applications in Multimedia Compression, Encryption and Modeling" (Kluwer, 2000) described innovative ways of applying cellular automata theory to solving problems in communications and information systems. His inventions have been implemented in software and hardware commercial and consumer products sold worldwide.

Prof. Lafe is equally committed to sustainable development using passive and active renewable energy technologies and sources. He has come up with the concept of Best Energy Homes in which buildings are designed to make maximal use of local materials and passive solar techniques in order to reduce the energy requirements of the home. He is an Editorial Board member of the International Journal of Energy and Water Resources (IJEWR).