



Biography

Professor Oludayo Olugbara



Prof Olugbara holds a PhD in Computer Science, University of Zululand, 2008, M.Sc. in Mathematics (Computer Science Specialisation), University of Ilorin, Nigeria, 1995, and a B.Sc. (Honors) in Mathematics (First Class Honors), University of Ilorin, Nigeria, 1991.

He is a member of the DUT Senate, is Vice-Chairman of the Space Science Research Group, DUT, and is also a member of the Research Network for E-Skills (ResNES). He has extensive teaching experience in Computer Science, Information Technology and Mathematics at undergraduate and postgraduate levels. He has supervised postgraduate research students at the Tshwane University of Technology since 2009. He lectured at the Covenant University, Nigeria, between 2002-2006, Akintola University of Technology, Nigeria between 1995-2001, and the University of Ilorin, Nigeria between 1992-2001. He arrived at DUT in 2010 when he was appointed Associate Professor of Computer Science and Information Technology in the University's Information Technology Department. In 2011, he became Professor of Computer Science and Information Technology in the University's IT Department.

He has supervised 6 Doctoral students, 10 Master's students and more than 250 undergraduate students. He mentors postgraduate students and examines dissertations and theses at the aforementioned academic level.

He has published over 30 peer reviewed journal articles and over 50 conference papers. He has also presented at workshops and symposiums including the International Workshop on Pattern Discovery in Biology, Covenant University, Ota, Nigeria, 2005. He is a peer reviewer for the Maejo International Journal of Science and Technology, Thailand, 2009 to date, and the Journal of African Studies and Development, 2009 to date.

Prof Olugbara is an external moderator and an examiner for the University of KwaZulu-Natal's College of Agriculture, Engineering and Science, University of Zululand's Department of Computer Science, Faculty of Science and Agriculture, as well as the University of South Africa's School of Computing. He co-authored the book: Computer Application Packages, 1995, published by McKay Educational Series. He has also authored chapters in five books, including classification of hyperspectral images using machine learning methods. H.K., Kims et al. (eds.). IAENG Transactions on Engineering Technologies, Lecture Notes in Electrical Engineering, 247, 555-569. Springer Science+Business Media Dordrecht and mitigating rural e-learning sustainability challenges using cloud computing technology. H.K., Kims et al. (eds.). IAENG Transactions on Engineering Technologies, Lecture Notes in Electrical Engineering, 247, 497-511. Springer Science+Business Media Dordrecht.

His research inclinations are Machine Learning, Computer Games, Image Processing, Grid/Cloud computing, e-Healthcare, e-Commerce, e-Government and Scientific Computing. Prof Olugbara has over 24 years of programming experience in software development, the use of operating systems (Windows XP/Vista, LINUX and SUSE) and the use of many productivity enhancement software tools. While he uses programming languages and scripts including C#, Java, HTML, XML, PHP, MATLAB, QT and Carbide C++, his main programming tool for implementing and testing his research ideals is C/C++.

He is a member of the Marquis Who's Who in the World, USA. He is also a member of the editorial board of the Signal & Image Processing: An International Journal. Prof Olugbara has received a string of awards and scholarships including the Centre of Excellence Scholarship award by the University of Zululand, 2006-2008, International Federation of Information Processing (IFIP) TC2 Scholarship Award by Microsoft Research Limited, Cambridge, 2007, International Student Society Most Deserving Award by the University of Zululand, 2006-2007, Medal Award by the International Conference on Information and Communication Technology (ICICT), Cairo, 2005, and the Faculty of Science Prize by the University of Ilorin, Nigeria, 1991.

Prof Olugbara has chaired conference sessions, collaborated with other scholars on research and presented at numerous regional, national and international conference meetings. He is a member of six professional societies including the Association for Computing Machinery (ACM), New Zealand, Computer Society of South Africa (CSSA), as well as the Mathematical Association of Nigeria (MAN), Nigeria.

His consulting experience includes Principal Consultant, Kreative Resources Consultancy, Ilorin, Nigeria, designer and implementer of the Student Registration and Examination Results Processing System, University of Ilorin, Nigeria, and Principal Consultant for the Training of local government chairmen and secretaries of the 754 local governments in Nigeria, 2000.