

## *CURRICULUM VITAE*

**Asst Prof. Dr. RASHIDAH FUNKE OLANREWAJU**

**Diploma (Kadpoly, Nigeria), BSC (Hons) (UPM, Malaysia), MSCIE  
(IIUM, Malaysia), PhD Eng (IIUM, Malaysia),  
DIS (IIUM, Malaysia)**

**SMIEEE, Member WIE, MIET (UK), ARISE, MCR (Malaysia),  
Member NCS (Nigeria)**

**DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING**

**FACULTY OF ENGINEERING**

**INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA**

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### **BRIEF PERSONAL PROFILE**

**Dr. Rashidah Funke Olanrewaju**, a Nigerian citizen was born in Kaduna, Kaduna State Nigeria. I earned BSc. Hons. Computer Science at University Putra Malaysia, with

Second Class Upper (CGPA 3.41 of 4.00) with major in Software Engineering in 2002, M.Sc. in Computer and Information Engineering with CGPA of 3.557 of 4.000 majoring in Information Engineering from International Islamic University Malaysia (IIUM) in 2006. I earned PhD (Engineering) in August 2011 with specialization in Information Security in Digital Image Processing where I identified watermark embedding strength and developed an Intelligent digital watermarking system based on Safe Region of Fast Fourier Transform using the newly identified embedding strength to hide watermark in the Safe Region of host image. I also earned Postgraduate Diploma in Islamic Studies (DIS) from the International Islamic University Malaysia in 2001. I am a senior member of The IEEE Computer Society, Women in Engineering, Malaysian Society for Cryptology Research, Member Engineering Institute of Technology and the Arab Research Institute of Science and Engineers (ARISE). I am currently the Group Leader of Software Engineering Research Group SERG, Faculty of Engineering, IIUM. Her current in hand projects revolve around: Intelligent detection systems, MapReduce Optimization Techniques, Compromising Secure Authentication and Authorization Mechanisms, Secure Routing for adhoc networks, Formulating Bio-Inspired Optimization Techniques, image processing and watermarking systems

### ***I. BRIEF CAREER PROFILE***

I started my professional career as a Tutor/demonstrator in Faculty of Engineering IIUM in the year 2003, I became part time Lecturer with the same Faculty in 2009. In 2011, I was appointed as a Post - Doctoral fellow in Department of Electrical and Computer Engineering IIUM after completion of my PhD research. I served for a year and got an offer for Assistant Professor in the same department since 2012-2017. Currently slated for Associate Professor and appointed as visiting Associate Professor in Ahmad Bello University, Zaria, Nigeria.

### ***II. EXPERTISE***

My principal expertise in teaching, consultancy services and research interest which spans over 14 years include Information Security, Intelligent systems, Computer Architecture and Design, Algorithm design and Applications, Programming for Engineers, web applications and image processing. I have authored, edited and co-authored more than 100 publications in journals, conferences, technical reports, chapters in textbooks and a textbook (on Programming).

### ***III. COMMUNITY SERVICE***

I am the Coordinator, Software Engineering Research Group (SERG) Faculty of Engineering 2016 till date, Chairperson International Postgraduate Conference on Engineering research (IPCER 2015), currently serving as a fellow at Mahallah Asiah, International Islamic University Malaysia till Dec. 2018, Patron, Nigerian Students' Community in Malaysia, International Islamic University Malaysia, NISCOM 2015-2017, Judge for Global Ummatic Festival 2015 (GUF 2015, IIUM), Advisor, Teakwando Club, International Islamic University Malaysia, 2014 till date. I served as the secretary general of the 5th International Conference on. Computer and Communication Engineering 2014, Social Secretary for Business and Finance Committee, Nigerians in Diaspora Organisation Malaysia Chapter (NIDO-MY), 2012, Chairperson, organizing committee, Nigerian Exhibition Booth, Global Ummatic week, IIUM, 2013. I served as a Judge for

Kulliyah of Engineering Research and Innovation Exhibition (KERIE 2014), 2014, as well as in Global Ummatic Feast, International Islamic University Malaysia, 2014. I was the Secretary for Women Affairs African Student Society in Malaysia (ASSIM), 2005- 2006. Treasurer, Nigerian Students Community in International Islamic University Malaysia (NISCOM) 2004-2005, Member, committee for food and welfare, African Asia Summit, 2005, Public Relation Officer, Muslim Students Society of Nigeria, Kaduna chapter 1995-1996, Deputy Amirah, National Council of Muslims Youth Organisation, Kaduna State 1995-1996.