

## CURRICULUM VITAE



### RASHID ABDELHALEEM SAEED

BSc (Electronics), MS (Comm), PhD (Comm)

*IEEE, IEM, SigmaXi, SEC*

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#### CURRENT ADDRESS:

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Electronics Engineering Department, Engineering Faculty, Sudan University of Science and Technology (SUST), Sudapost P.O.Box 74 Eastern Diems, Khartoum, Sudan  
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#### QUALIFICATIONS

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| 2004-2007    | PhD in Communications and Network Engineering, Faculty of Engineering<br>From Universiti Putra Malaysia (UPM), Kuala Lumpur, Malaysia.<br><b>Thesis:</b> PERFORMANCE ENHANCEMENT OF ULTRA-WIDEBAND POWER CONTROL BY USING RANGING AND NARROWBAND INTERFERENCE MITIGATION. |
| 01 July 2003 | Postgraduate Diploma in Information Technology (Advanced Network and Telecommunication) from International Institute for information Technology (I2IT), Pune, India.  |
| 22 May 2002  | M.S. in Electrical Engineering (Communications Eng.), Faculty of Engineering (Distinction)<br>From Karary University, Khartoum, Sudan.<br><b>Thesis:</b> DESIGN AND ANALYSIS OF MICROSTRIP ANTENNA FOR WIRELESS LOCAL AREA NETWORK (WLAN).                                |

01 May 1999 BSc in Electronics Engineering - Faculty of Engineering (First Class Honor).  
 From Sudan University For Science And Technology (SUST), Khartoum, Sudan.  
**Final Year Project:** DATA OVER RADIO  
 (Design, analysis, and test between TWINS Company Campuses as case study).

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**EMPLOYMENT HISTORY**

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May 2012~ **Deputy Dean** (Nov. 2012) and **Head** of Research Projects Department (May 2012) and **Scientific Research Deanship** - Sudan University of Science and Technology (SUST), Khartoum, Sudan.

2011~ **Associate Professor** (Dec. 2011) - **Assistant Professor** (Feb. 2008), **Lecturer** (April 2002) and **Teaching Assistant** (Sept. 1999) in Sudan University of Science and Technology (SUST), Khartoum, Sudan.  
 School of Electronics Engineering, Faculty of Engineering.

2010~2011 **Assistant Professor** - International Islamic University Malaysia (IIUM), Kuala Lumpur, Selangor, Malaysia.  
 School of Electrical and Computer Engineering, Faculty of Engineering.

2009~2010 **Senior Researcher** - Telekom Malaysia R&D Innovation Centre, Kuala Lumpur, Malaysia.

2007~2009 **Senior Researcher** - Malaysian Institute of Microelectronic Systems (MIMOS), Wireless Networks and Protocol (WNP) Lab, Kuala Lumpur, Malaysia.

2000-2003 **Head of IT Unit** - Sudan University For Science and Technology (SUST) - Engineering Faculty, Khartoum, Sudan.

1998-1999 **Engineer** - SIEMENS Company (Sudan campus), Khartoum, Sudan.

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**Trainings in Management and Leadership**

25<sup>th</sup> June 2007 Lean Six Sigma® Awareness Foundation and White Belt Exam by SSA® USA, Kuala Lumpur -Malaysia.

29<sup>th</sup> Sept - 2<sup>nd</sup> Oct. 2007 Lean Six Sigma® Green Belt Program for Software and Technology-DMAIC++ by Six Sigma Academy - SSA®, USA, Kuala Lumpur-Malaysia (Certified).

26 <sup>th</sup> -30 <sup>th</sup> May 2008	Six Sigma® Black Belt Week (1) Program – Define Opportunities and Measurement Phases By Motorola® University, Kuala Lumpur – Malaysia
16 <sup>th</sup> -20 <sup>th</sup> June 2008	Six Sigma® Black Belt Week (2) Program – Analyze Phase by Motorola® University, Kuala Lumpur –Malaysia
21 <sup>st</sup> -25 <sup>th</sup> July 2008	Six Sigma® Black Belt Week (3) Program – Improve Phase by Motorola® University, Kuala Lumpur –Malaysia
18 <sup>th</sup> -22 <sup>nd</sup> Aug 2008	Six Sigma® Black Belt Week (4) Program – Control Phase by Motorola® University, Kuala Lumpur –Malaysia
4 <sup>th</sup> Oct. 2007	Identifying Disclosing and Writing of Invention for Purpose of Patent Protection, Malaysia- Kuala Lumpur
29 <sup>th</sup> -30 <sup>th</sup> Jan 2008	TRIZ Introduction: Innovation and creativity Think Differently, Malaysia- Kuala Lumpur
17 <sup>th</sup> -18 <sup>th</sup> Mar 2008	Harvard Blended Leadership Program: R& D Leadership by Harvard® Business School UK, Malaysia- Kuala Lumpur
5 <sup>th</sup> July 2008	IEEE Soft Skill Workshop: Greatness through Level 5 Leadership Principles by IEEE® USA, Kuala Lumpur –Malaysia
7 <sup>th</sup> -9 <sup>th</sup> April 2008	Malaysian Intellectual Proprietary (MIPA) Patent Drafting by MIPO® Malaysia, Malaysia- Kuala Lumpur

#### **Education and Research Professional**

7 <sup>th</sup> -8 <sup>th</sup> June 2011	Case Study Workshop
24 <sup>th</sup> -25 <sup>th</sup> May 2011	Assessment Workshop: Test Construction & Item Analysis Workshop
4 <sup>th</sup> -5 <sup>th</sup> May 2011	Problem-Based Learning (PBL), CPD, IIUM.
25 <sup>th</sup> -31 <sup>st</sup> April 2011	Basic Teaching Methodology Course (BTMC), CPD, IIUM.
21 <sup>th</sup> -22 <sup>th</sup> April 2011	Qualitative Research, CPD, IIUM.
20 <sup>th</sup> -24 <sup>th</sup> May 2010	ABET training for programme evaluators (PEV), Baltimore, U.S.
29 <sup>th</sup> Nov. -03 Dec. 2010	Competency Level 4 Assessment (CLA), CPD, IIUM.
21 <sup>th</sup> -23 <sup>th</sup> Feb 2014	Programme self evaluation test by Arab universities union, Khartoum, Sudan
06 <sup>th</sup> -07 <sup>th</sup> April 2014	e-Learning and e-Teaching Course by Arab universities union, Amman, Jordan
11 <sup>th</sup> -13 <sup>th</sup> May 2014	Programme External Evaluators by Arab universities union, Khartoum, Sudan

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#### **ACADEMIC & RESEARCH ACTIVITIES**

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**RESEARCH PROJECTS:**

1. TDMA Protocol for Wireless Vehicular Communication (EDW B10-0379) **COMPLETED**
2. Interference Analysis in OFDMA-Femtocell Systems (EDW A10-140-0687) **COMPLETED**
3. An Enhanced Network Mobility Protocol to Achieve Seamless Handoff (EDW A10-153-0700) **COMPLETED**
4. Position-based Quality of Service (QoS) Multicast Routing Protocol for Mobile Ad-Hoc Networks” (FRGS11-015-0163). **COMPLETED**
5. Context transfer based handoff in MPLS Domain ( EDW A11-242-0789) **COMPLETED**
6. Design requirement and analysis of clustering routing protocols for the development of multipurpose sensor networking (EDW A10-164-0711) **ONGOING**
7. Enhancement of Context Transfer in Mobile Multicast (EDW B11-007-0485), **ONGOING**
8. Design of Smart Grid for Sudanese Electrical Transmission Company (Nov. 2013) **ONGOING**

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**PUBLICATIONS**

Attached