

RESEARCHER'S BACKGROUND

Name	Muhammad Ramlee Bin Kamarudin
Academic Position	Associate Professor
Faculty	Faculty of Electrical Engineering
Research Interest(s)	Antenna Design for RF & Microwave Engineering
Research Entity	Wireless Communication Centre (WCC)
UTM Administrative Post(if any)	<ol style="list-style-type: none"> 1. Member of Task Force UTM Academic Staff Promotion (October 2015 – present) 2. Appointed as District Liason Officer for Johor State for Iskandar Innovation Valley (March 2016 – present)
Appointment in Professional Bodies(if any)	<ol style="list-style-type: none"> 1. IEEE Senior Member (SMIEEE), Institute of Electrical and Electronics Engineers (Since Oct 2013) (Membership:90361275) 2. Member (MIEEE), Institute of Electrical and Electronics Engineers (Since 2008) (Membership:90361275) 3. Member IET (MIET), Institution of Engineering and Technology (Since 2011) (Membership:1100217885) 4. Graduate member of BEM (Since 2010) 5. Graduate member of The Institution of Engineers Malaysia (IEM) (Since 2011) 6. Appointed as Technical Advisory Committee (TAC) for Advanced Technology Training Centre, Melaka (Pusat Latihan Teknologi Tinggi Melaka) (ADTEC), under Manpower Department of Malaysia (Jabatan Tenaga Malaysia), 2016. 7. Antenna Coordinator for 5G IMT Sub-Working Group MTFSB. 8. Vice Chair for IEEE Malaysia AP/MTT/EMC Chapter for Year 2016 9. Exhibition Co-Chair for IEEE International Conference on Communications (ICC 2016) 10. Editorial Board Member for International Journal on Antennas and Propagation (IJAP) [Tier 3: IF=0.827] 11. Editorial Board [Communication Field] for The Scientific World Journal

RESEARCH PROFILE

Publication	<ul style="list-style-type: none"> • Book: 1 • Book Chapter: 12 • Article: 78 • Editorial: 1 • Review: 1 • Conference Paper: 107
Citation	944
H-index	16
Intellectual property rights	<ol style="list-style-type: none"> 1. M. R. Kamarudin and M. R. Agdha "Wideband Logo Antenna For Cognitive Radio System", 31 March 2015 (MY 153817-A) 2. T. A. Rahman, M. R. Kamarudin and M. F. Jamlos "An Antenna System", April 2014 (MY 151217-A)

RESEARCH SUPERVISION (MAIN & CO-SUPERVISOR)

Completed	<ul style="list-style-type: none"> • PhD: 12 • MSc: 10
Current	<ul style="list-style-type: none"> • PhD: 8 • MSc: 2

AWARDS & RECOGNITIONS

2015	<ol style="list-style-type: none"> 1. UTM Young Scientist Award (Anugerah Saintis Muda UTM) 2015 (June 2015) 2. Authored in Indexed Journals Award for 2015 (Anugerah Penulis Journal Berindex 2015), June 2015 3. Best Paper Award in Communications at The 2015 International Electrical Engineering Congress (IEECON2015) (March 2015) 4. Silver Medal Award at Malaysia Technology Expo (MTE) February 2015, Product: Embedded Steerable Antenna System Based High Speed Wireless Railway Communication (Feb 2015)
2014	<ol style="list-style-type: none"> 1. Excellence Service Award for 2013 (Anugerah Khidmat Cemerlang 2013)
2013	<ol style="list-style-type: none"> 1. Double Gold Awards at British Invention Show (BIS) 2013, London, Product: Wi-Gig 2. Gold Medal at BIS 2013 London, Product: Wi-Gig Backbone 3. Gold Medal at BIS 2013 London, Product: i-Wids 4. Gold Medal Award at MTE 2013, Product: Electronic Beam Steering Compact Antenna (E-BSCA) for WiMAX in Tropical Region 5. Gold Medal Award at MTE 2013, Product: High Speed Communication System for Wireless Distributed Campus Solution 6. Gold Medal Award at ITEX 2013, Product: A Novel 2.45GHz Switchable Beam Textile Antenna (SBTA) for Outdoor Wireless Body Area Network Application (WBAN) 7. Gold Medal Award at ITEX 2013, Product: Directional and Broadside Dual-Frequency Compact Antenna for WiMAX and WiFi Applications
2012	<ol style="list-style-type: none"> 1. Gold Medal Award at SIIF 2012 (Seoul International Invention Fair), Korea, Product: Complementary Printed Antenna for Wideband and Band Rejection 2. Bronze Medal Award at SIIF 2012 (Seoul International Invention Fair), Korea, Product: Antenna Integrated with Band Pass Filter for Frequency Agile Application 3. Bronze Award at INATEX 2012, Product: A Chip Antenna for Wireless Implantable Body Area Network Applications 4. Bronze Award at INATEX 2012, Product: Dual-Polarized Printed Yagi Antenna for Wireless On-Body Communication System (WOBAN) 5. "Sumbangan dan Pengiktirafan dalam Penyelidikan dan Pembangunan (R&D) di peringkat Kebangsaan dan Antarabangsa bagi Tahun 2011", Citra Karisma UTM 2012 6. Gold Medal Award at ITEX 2012, Product: On-Body Communication Pattern and Frequency Reconfigurable Antenna 7. Gold Medal Award at ITEX 2012, Product: Complementary Printed Antenna for Wideband and Band Rejection 8. Gold Medal Award at ITEX 2012, Product: Antenna Integrated With Band Pass Filter for Frequency Agile Application 9. Gold Medal Award at ITEX 2012, Product: A Novel Compact Three-Design Antenna (NCTA) with High Gain Enhancement for UWB Application (In Conjunction with UNiMAP) 10. Gold Medal Award at ITEX 2012, Product: A MIMO Antenna Design Challenges for UWB Application (In Conjunction with UNiMAP) 11. Silver Medal Award at MTE 2012, Product: A Beam Steering Radial Line Slot Array with Reconfigurable Operation Frequency (In Conjunction with UNiMAP)
2011	<ol style="list-style-type: none"> 1. Silver Award at PECIPTA 2011, Product: Adaptive Reconfigurable R-RLSA Antenna for WiFi Application (In Conjunction with UNiMAP) 2. Bronze Award at PECIPTA 2011, Product: A Reconfigurable Shaped Beam Quadratic Aperture Couple Microstrip Antenna Array 3. Silver Award at INATEX 2011, Product: On Body Communication and Microwave Imaging Surface Wave Antenna 4. Bronze Award at INATEX 2011, Product: Antenna Integrated with Band Pass Filter for Frequency Agile Application 5. Bronze Award at INATEX 2011, Product: Complimentary Printed Antenna for Wideband and Band Rejection Application 6. Silver Award at ITEX 2011, Product: Novel Design of UWB Rectangular Monopole Antenna with U-Slot 7. Awarded in "Publication in Index Journal 2010 with CIF 15.9" in Citra Karisma 2011
2010	<ol style="list-style-type: none"> 1. Awarded in "Publication in Index Journal 2009 with CIF 6.56" in Citra Karisma 2010 2. Gold Award at INATEX 2010, Product: A Reconfigurable Beam Shape Antenna Array With Gap-Coupling For Point-To-Point And Wi-Fi Applications

	<ol style="list-style-type: none"> 3. Gold Award at INATEX 2010, Product: (Integration Of RFID Technology Into Reconfigurable Quadratic- Aperture Coupled Antenna For Adaptive Wi-Fi Application 4. Silver Award in INATEX 2010, Product: Novel Design Of Electrically Small Rectangular UWB Antenna
2009	<ol style="list-style-type: none"> 1. Silver Award in INATEX 2009, Product: Reconfigurable of Planar Array Antenna (RPA) with Parasitic Elements for Beam Steering Control 2. Bronze Award in INATEX 2009, Product: Design of a Planar Antenna Array with Separated Feed Line Using Air Gap Techniques 3. Bronze Award in INATEX 2009, Product: Design of Reconfigurable Linear Array Antenna (RLA) with Beam Shaping at 5.8GHz
2008	<ol style="list-style-type: none"> 1. Awarded Best Service Employee 2007 (Citra Karisma 2008)

CONTACT DETAILS

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