

Curriculum Vitae

Current Position

Lecturer & Coordinator of Computer Science Dep.

Personal Details

Name Lway Faisal Abdulrazak
Nationality Iraqi
Address Sulaimaniya - Iraq.
Place & date of birth Iraq – Baghdad, 21 - May – 1982
Languages English (fluent) - Arabic (Mother tongue)
Email dr.lway@cihanuni-sul.com

Academic Qualification:

Highest Education

2007-2011 PhD Degree in Electrical Engineering.
Research title Coexistence of IMT-Advanced System with Fixed Satellite Services Receiver
In 3400-4200MHz Frequency Band
University University of Technology Malaysia, Johor State, Malaysia
Medium of research English

Second Highest Education

2005-2007 Master's Degree in (Electrical-Electronics & Telecommunication).
Project title Development of Low Profile Uni-Directional Antenna for WLAN Applications
University University of Technology Malaysia, Johor State, Malaysia
Grade 3.54 out of 4
Medium of research English

Third Highest Education

2000-2005 Bachelor's Degree in (Electrical & Electronics Engineering)
Major Field in Electrical-Telecommunication Engineering
Project title A Security of Digital Communication System
University University of Omar AlMukhtar , Al-Bieda , Libya
Grade (76.1%) with second honor
Medium of research English

Academic Working Experience:

- ***Lecturer at Computer Science Dep. -Cihan University taught the following subjects:***
 1. 2011-2015: Statistics, Applied Statistics and Probability Theory.
 2. 2012-2013: Microprocessor.
 3. 2012-2014: Computation Theory.
 4. 2012-2015: MATLAB Programming.
 5. 2012-2015: Numerical Analysis.
 6. 2013-2015: Research Methodology.

Supervised undergraduate projects:

1. "GSM Base station to Base Station Interference Mitigation Techniques" Electrical Eng. Dep. –Faculty of Engineering, Sulaimaniya University/ Sulaimaniya- Iraq.
 2. "Fraud Protection of Credit Card System" Computer Science Dep. – Faculty of Science, Cihan University- Sulaimanyia- Iraq.
- **Teaching Assistant:**
 1. 2005-2006: Electronic Digital Lab./ Undergraduate / Universiti Teknologi Malaysia.
 2. 2006-2007: Electronic Circuits lab. / Undergraduate / Universiti Teknologi Malaysia.
 3. 2010-2011: Digital Communication Lab./Undergraduate /Universiti Teknologi Malaysia.

Administrative Experience:

- **Link-tutor:** for Computer Science Department- Cihan University-Sulaimanyia, 2013 till now.
- **Link-tutor:** coordinator of Business Information Technology Center, collaboration between University of Greenwich-UK and Cihan University, from 2013 till now.
- **Coordinator of Admission Test:** for two years in Cihan university / Sulaimaniya (2011-2013).
- **Member of Examination Board:** Cihan university / Sulaimaniya, from 2011-till now.
- **Students Activities Facilitator and Organizer:** Cihan university / Sulaimaniya, 2011-2014.
- **University Website Administrator:** December 2011 Till August 3013
- **Purchase committee member:** September 2011-Till August 2013

Funded Projects:

1. 608.000 Malaysian Ringgit (185.000 USD), Project title: "Spectrum needs for IMT-Advanced in Malaysia". Grant from the Malaysian Communication and Multimedia Commission (MCMC), Cyberjaya, Malaysia. Duration: June 2007 to October 2009.
2. 169.000 Malaysian Ringgit (51.000 USD), Project Title: "Study the possibilities of High Altitude Platform Station Gateway Links deployment in the Range 5850-7075MHz for Malaysia". Grant from the Malaysian Communication and Multimedia Commission (MCMC), Cyberjaya, Malaysia. Duration: February 2009 to December 2010.

Professional Membership:

- **Member of IEEE** (Institute of Electrical and Electronics Engineers) Malaysian sector, since 2007 to date.

Technical Reports:

- Emerging Wireless Technology (*Spectrum Needs* for IMT-Advances Malaysia), 2012.

Selected Publications:

1. **Lway Faisal Abdulrazak**, Zaid A. Shamsan and Tharek Abd. Rahman. Potential Penalty Distance between FSS Receiver and FWA for Malaysia. International Journal Publication in WSEAS Transactions on COMMUNICATIONS, ISSN: 1109-2742, Issue 6, Volume 7, June 2008, pp637-646.

2. **Lway F. Abdulrazak**, Zaid A. Shamsan, Ali K. Aswad, and Tharek Abd. Rahman, "Introduce the FWA in the Band 3300-3400 MHz", in Proceedings of World Academy of Science, International Journal of Engineering and Technology (WASET), Volume 36, pp. 176-179, December 2008, ISSN 2070-3740. Thailand.
3. **Lway Faisal Abdulrazak**, Arshed A. Odah. "Tractable Technique to Evaluate the Terrestrial to Satellite Interference in the C-Band Range". International Journal of Theoretical and Applied Information Technology, PP 762-769 - Vol. 65 No.3. - 31st July 2014.
4. Kusay F. Al-tabatabaie, **Lway F. Abdulrazak** "Optimum Terrestrial KA Microwave Link for Malaysia Based on Rain Distribution Profile Extracted From Radar Data" International Journal of Theoretical and Applied Information Technology, PP 106-110 - Vol. 72 No.1. – 15 Feb, 2015.
5. **Lway Faisal Abdulrazak** and Arshed A. O. "Interference Mitigation Technique through Shielding and Antenna Discrimination". International Journal of Multimedia and Ubiquitous Engineering. Vol. 10, No. 3 (2015), pp. 343-352.