

CV *Salim Muhsin Wadi*

Personal Information

Full Name: Salim Muhsin Wadi

Gender Male

Birth Date 26/ 04/ 1980

Marital Status Married

Nationality Iraqi

Languages Arabic, English.

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Academic Degree:

- **B.Sc.** in Communication Techniques Engineering/AL-Najaf Technical College 2002.
- **M.Sc.** in Communication Engineering /Electric and Electronic Dept./ University of Technology 2005.
- **Ph.D.** in Communication Engineering/ Electrical, Electronic and System Engineering Dept./ The National University of Malaysia (UKM) 2015.

Academic experience:

- Al-Furat Al-Awsat Technical University, Director of Communications Techniques Engineering Department, 2007-2008.
- Al-Furat Al-Awsat Technical University, Head of Communications Techniques Engineering Department, 2008-2009.
- Member of academic staff of Communications Techniques Engineering Department from 2005 -.
- Head of Communication Techniques Engineering Department since 2017-.
- Lecturer in Islamic University (2006-2007).
- Member of Exam Committee of Engineering Technical College/Al-Najaf, 2006-2011.

Published papers:-

- Ahmed M. Zeki, Ahmed H. Hadi, Salim M. Wadi. Hiding DPCM Speech Data Using Bit plane and DCT Transform. First Scientific Conference in Technical College - Najaf.16-17/03/2008. Najaf, Iraq. p.p. 757-766.
- Salim M. Wadi, Nasharuddin Zainal. Contrast Enhancement Method Based on Histogram Equalization Technique-Survey. Int. Con. on Eng. and Built Environment (ICEBE) 2012. 6-7/11/2012, Unites, Malaysia.
- Salim M. Wadi, Nasharuddin Zainal. A Low Cost Implementation of AES Algorithm Using 8085A Microprocessor. International Technical Conference (ITC 2012). 30/10-1/11/2012. Kuala Lumpur, Malaysia. p.p. 157-166.
- Salim M. Wadi, Nasharuddin Zainal. A Low Cost Implementation of Modified Advanced Encryption Standard Algorithm Using 8085A Microprocessor. Journal of Engineering Science and Technology, Vol. 8, No. 4 (2013), p.p. 406 - 415.

- Salim M. Wadi, Nasharuddin Zainal, A. Abdulgader. Grey Scale Image Hiding Method Based on Decomposition Operation. IEEE Student Con. on Research & Development (IEEEScrd2013), 16-17/12/2013. Putrajaya, Malaysia. p.p. 315-318.
- Salim M. Wadi, Nasharuddin Zainal. Rapid Encryption Method Based on AES Algorithm for Grey Scale HD Image Encryption. Procedia Technology, Vol. 8C (2013), p.p. 52 – 57.
- Salim M. Wadi, Nasharuddin Zainal. Reversible Color and Gray-scale Based Images in Image Hiding Method Using Adding and Subtracting Operations. Smart Computing Review, Vol. 4, No. 3, (2014), p.p. 160-170.
- Salim M. Wadi, Nasharuddin Zainal. Histogram Portioning and Equalization Based Enhancement Method for Multiple Applications. Pensee Journal, Vol 76, No. 7 (2014).
- Salim M. Wadi, Nasharuddin Zainal. High Definition Image Encryption Algorithm Based on AES Modification. Wireless Personal Communications, Vol. 79, No. 2 (2014), p.p. 811-829.
- Salim M. Wadi, Nasharuddin Zainal. Decomposition by Binary Codes-Based Speedy Image Encryption Algorithm for Multiple Applications. IET Image Processing, Vol. 9, No. 5 (2015), p.p. 413 - 423.
- Salim M. Wadi, Nasharuddin Zainal. Enhanced Hybrid Image Security Algorithms for High Definition Images in Multiple Applications. Multidimensional System and Signals Process. DOI <https://doi.org/10.1007/s11045-017-0541-5>.

Certifications or professional registrations

- International Conference on Engineering and Built Environment (ICEBE 2012).
- The 4th International Conference on Electrical Engineering and Informatics (ICEEI 2013).
- IEEE Student Conference on Research & Development (IEEEScord 2013).
- International Technical Conference (ITC 2012).
- IEEE UKM Student Branch.
- Number of Appreciation Letters from Dean of Engineering Technical College/Al-Najaf.
- Appreciation Letter from Mazaia University.

Current membership in professional organizations

- Student Remember in IEEE.
- Iraqi Engineers Union.

Briefly list the most recent professional development activities

- Course in Design and printing of Electronic Board.
- Course in Teaching Competencies.
- Course in ICDL
- Course in Speed Control Methods of Electrical Motors.

Knowledge fields:-

- Security of Wireless LANs (wimax).