



University of Technology



Control and Systems Eng. Dep.

C.V.

Last update

13/09/2017

Full name:	Ashwaq Talib Hashim		Photo (optional)
Date of birth :	17/9/1972	Iraq	
Nationality :	Iraqi		
Place of work :	University of Technology		
Languages	1	Arabic	
	2	English	
	3		
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Administrative Posts

No.	Job title	University/ Institution	Department\Branch	From	To
1					

Academic Degrees

Degree	Granting Country	University	Department	Date of Acquisition
Bachelor	Iraq	Baghdad	Computer Science	1995
Master	Iraq	Basrah	Computer Science	2003
Doctorate	Iraq	Babylon	Computer Science	2014

Scientific Ranks

Scientific Rank	Date of acquisition
Assistant Lecturer	2003

Lecturer	15/5/2006
Assistant Professor	15/5/2009
Professor	

Fields of research interest	1	Cryptography
	2	Image Compression
	3	Information hiding
	4	Pattern Recognition
Government / Civil Institutions and Organizations	1	
	2	
	3	
Other Activities	1	
	2	
	3	

Laboratory Skills	
I am teaching in the following laboratories	C++ lab.
	Matlab lab.
	Data Structure lab.
	Data Base lab.

Engineering Programs Experience	
Operating system	
Programs	
Languages	C++, Matlab, Delphi, VB, VC++, SQL

Professional Experience

Published books (up-to-date)			
No.	Title of book	Publisher	Date
1	Secret Image Sharing Based on Transform Coding	LAMBERT Academic Publisher	2014

Published papers (up-to-date)			
No.	Title of paper	Publisher	Date
1	Wavelet transform based technique for text image localization	Karbala International Journal of Modern Science	2016
2	Correlated Block Quad-Tree Segmented and DCT based Scheme for Color Image Compression	Indian Journal of Science and Technology	2016
3	An Approach of Noisy Color Iris Segmentation Based on Hybrid Image Processing Techniques	International Conference on Cyberworlds /China	2016
4	Color Image Compression Using DPCM with DCT, DWT and Quadtree Coding Scheme	Eng. &Tech. Journal	2016
5	Modification of RC5 Algorithm for Image Encryption	IJCCCE	2014
6	Secret Image Sharing Based on Discrete Cosine Transform	International Journal of Computers & Technology	2014
7	Shadow Size Reduction of Shared Color Image based on Discrete Cosine Transform	Int. J. on Recent Trends in Engineering and Technology	2014
8	Secret Image Sharing based on Wavelet Transform	International Conference on Information Technology in Signal and Image Processing / India	2013
9	Quadrature Design of Linear System for Color Image Encryption	(IJCSIS) International Journal of Computer Science and Information Security	2013

10	Developed Method of Information Hiding in Video AVI File Based on Hybrid Encryption and Steganography	Eng. & Tech. Journal	2011
11	FPGA Simulation of Type-3 Feistel Network of The 128 bits Block Size Improved Blowfish Cryptographic Encryption	Eng. & Tech. Journal	2010
12	VHDL implementation of an improvement of Blowfish Encryption algorithm	1st computer conference computer science University of Technology	2010
13	Proposed Cascaded Design of 640-bit RC6 Block Cipher	1st computer conference computer science University of Technology	2010
14	A Proposed 512 bits RC6 Encryption Algorithm	IJCCCE	2010
15	Measurement of Encryption Quality of Bitmap Images with RC6, and two modified version Block Cipher	Eng. & Tech. Journal	2010
16	VHDL Implementation of Hybrid Block Cipher Method (SRC)	Eng. & Tech. Journal	2010
17	Design and Implementation of an Improvement Of Blowfish Encryption Algorithm	IJCCCE	2009
18	Type-3 Feistel Network of The 128-bits Block Size Improved Blowfish Cryptographic Encryption	Eng. & Tech. Journal	2009
19	512 –bits Hybrid serpent RC6 Proposal Encryption algorithm	First Scientific Conference of Information Technology University of Technology	2009
20	Compact Hardware Implementation of FPGA Based RC6 Block Cipher	Journal of Engineering and Applied Sciences	2008
21	Src: Hybrid Block Cipher Method	IJCCCE	2006
22	An Improvement of Serpent Algorithm	Eng. & Tech. Journal	2005

Honors		
No.	Granting Authority	Date
1	The Head of the Control and Systems Eng. Dept./ University of Technology	1/11/2003
2	The Head of the Control and Systems Eng. Dept./ University of Technology	7/11/2006
3	The Head of the Control and Systems Eng. Dept./ University of Technology	22/2/2010

4	The Principal of the University of Technology	22/6/2010
5	The Principal of the University of Technology	2/11/2010
6	The Principal of the University of Technology	13/10/2010
7	The Head of the Computer Science. Dept./ University of Babylon	25/4/2011
8	Dean of the College of Sciences./ University of Babylon	28/4/2011
9	The Principal of the University of Technology	13/6/2011
10	Minister of Higher Education and Scientific Research	2011/1/1

Supervision of post graduate theses (up-to-date)				
No.	Title	Master/Doctorate	University	Date
1	Multiple Secret Image Sharing Based on Linear System	Master	University of Technology	2016
2	Biometric Privacy Based on Secret mage Sharing	Master	University of Technology	2016