

Faculty Vitae – Nada Hussein Mohammad Ali Al-Khafaji

1. Name: Nada Hussein Mohammad Ali Al-Khafaji

2. Education: Ph.D., University of Technology-Computer Science Department, 2015

3. Academic experience:

– Assistant programmer 1987-2001 Physics science Department, University of Baghdad

– Assistant Lecturer 2001-2006 Computer Science Department, College of Science, University of Baghdad

– Lecturer 2006- till now(2015) Computer Science Department, College of Science, University of Baghdad

4. Certifications or professional registrations:

– Training course in South Korea(IT training course) by KOICA 2005.

– TOEFL ITP, June 2010, University of Baghdad.

– IC3, August 2011, Internet and Computing Core Certification.

– Ph.D. Research Scholarship for six months /United Kingdom 2014

– RefWork-Getting Started, February 2014, Anglia Ruskin University/ UK.

– Planning Your Career, February 2014, Anglia Ruskin University/ UK.

– Project Management, February 2014, Anglia Ruskin University/ UK.

– Design Your Research Poster, February 2014, Anglia Ruskin University/ UK.

– Postgraduate Training Stage-1: Introduction, February 2014, Anglia Ruskin University/ UK.

– Introduction to Research Ethics & Integrity, March 2014, Anglia Ruskin University/ UK.

– Thesis writing up: How to write a proposal, April 2014, Anglia Ruskin University/ UK.

– Advanced Wireless & Mobile Systems, May 2014, Anglia Ruskin University/ UK.

– Thesis Writing Up: How to Write a Literature Review, May 2014, Anglia Ruskin University/ UK.

– Thesis writing up: How to analyze data, May 2014, Anglia Ruskin University/ UK.

– Thesis writing up: how to write research methodology, May 2014, Anglia Ruskin University/ UK.

– Postgraduate Training Stage-2: Thesis Production and Examination Preparation, May 2014, Anglia Ruskin University/ UK

5. Publications

– Nada Hussein M. Ali, Abdul Monem S. Rahma and Abdul Mohsen Jaber, 2013, ***“Encryption using Dual Key Transformation based on Creation of Multi S- Boxes in AES Algorithm”***, International Journal of Computer Applications, Volume 83 – No 10, December, pp. 1-6.

– Nada Hussein Mohammad Ali Al-Khafaji, Abdul Monem S. Rahma, Abdul Mohsen Jaber, Sufian Yousef, 2014, ***“Random Key Permutation Stream Algorithm Based on Modified Functions in AES Algorithm”***, International Journal of Engineering and Technology Volume 4 No. 6, June, pp.367-373.

– Nada Hussein M. Ali, Abdul Monem S. Rahma, Abdul Mohsen Jaber, Sufian Yousef, 2014, ***“A Byte-Oriented Multi Keys Shift Rows Encryption and Decryption Cipher Processes in Modified AES”***, International Journal of Scientific & Engineering Research, Volume 5, Issue 4, April, pp. 953-955.

– Nada Hussein M. Ali, Sufian Yousef, Abdul Monem S. Rahma, Abdul Mohssen J. Abdul Hossen, 2014, ***“A Novel Multi Modification in AES Block Cipher Algorithm for Comlexity”***, International Review on Computers and Software (I.RE.CO.S.), Volume 9

No. 6, pp. 01-905, June.

– Nada Hussein M. Ali, Abdul Monem S. Rahma, Abdul Mohssen J. Abdul Hossen, Sufian Yousef, 2014, “**Multi Keys Shift Rows Encryption and Decryption Processes in AES transformation**”, 4th

Annual Research and Scholarship Conference 14th May 2014, Anglia Ruskin University/ United Kingdom.

– Nada Hussein M. Ali, “An Improved AES Encryption of Audio Wave Files”, Thesis submitted to University of Technology – Computer Science Department 2015.

– Nada Hussein M. Ali, Abdul Monem S. Rahma and Abeer Salim Jamil , 2015 , “**Text hiding in Color Images using the Secret Key Transformation Function in GF(2)**” ,

Iraqi journal of Science, in print .

– Abeer Salim Jamil , Abdul Monem S. Rahma and Nada Hussein M. Ali, 2015, “**Using Shape Representation to Design Panorama Video System**”, Al-Mansour Journal, in print