

BAN Mohammed Khammas

Lecturer

 Al-Nahrain University- College of Information

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 1979-05-09

Experience

2003-01 - 2006-07

lecturer

Baghdad University

Teaching the following subjects:

- 1- Computer Network.
- 2- Computer Architecture.
- 3- Digital System Design.

2006-07 - present

lecturer

Al-Nahrain University

Teaching the following subjects:

- 1- Logic Circuits.
- 2- Computer Architecture.
- 3- Microprocessor.
- 4- Engineering and Numerical Analysis.
- 5- VHDL.
- 6- Electrical Circuits.
- 7- Networks Fundamentals.

8- Digital Electronic.

9- Network Security.



Education

1999-09 - 2002-06

BSc

BSc Degree in Computer Engineering - Baghdad University

2004-09 - 2006-07

MSc

MSc Degree in Computer Engineering Techniques - College of Electrical and Electronics Techniques

2013-02 - 2017-04

PhD

PhD in Electronic and Computer Engineering Department - Universiti Teknologi Malaysia

Published paper:

- 1- Ban M. Khammas , “ Design Neural Wireless Sensor Network Using FPGA” , Eng. & Tech. Journal, Vol.30, No.9, 2012
- 2- Ban M. Khammas , “Design a Fault Tolerance for Real Time Distributed System”, Al-Khwarizmi Engineering Journal, Vol. 8, No. 1, PP11 -17 (2012).
- 3- Mohammed A. Abdala, Ban M. Khammas, Hamsa A. Abdullah, “Eye-Identification System Based on Back-Propagation NN Recognizer”, Journal of Engineering and Development, Vol. 14, No. 4, December (2010) ISSN 1813-7822.
- 4- Thamer M.Jamel, Ban M. Khammas, “IMPLEMENTATION OF A SIGMOID ACTIVATION FUNCTION FOR NEURAL NETWORK USING FPGA” , Published in the 13th Scientific Conference of Al-Ma'moon University College -18 April 2012 – Baghdad , Iraq .
- 5- Hamza Awad Hamza Ibrahim, Sulaiman Mohd Nor, Ban Mohammed Khammas, “Ambiguity and Concepts in Real Time Online Internet Traffic Classification”, International Journal of Engineering and Technology (IJET), ISSN : 0975-4024 Vol 6 No 1 Feb-Mar 2014.
- 6- Ban Mohammed Khammas, Alireza Monemi, Joseph Stephen Bassi, Ismahani Ismail, Sulaiman Mohd Nor, Muhammad Nadzir Marsono, “FEATURE SELECTION AND MACHINE LEARNING CLASSIFICATION FOR MALWARE DETECTION”, Jurnal Teknologi (Sciences & Engineering) 77:1 (2015) 243–250.
- 7- Ismahani Ismail, Muhammad Nadzir Marsono, Ban Mohammed Khammas, Sulaiman Mohd Nor, “ Incorporating known malware signatures to classify new malware variants in network traffic”, INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT Int. J. Network Mgmt 2015; 25 471 : –489 Published online 28 September 2015 in Wiley Online Library (wileyonlinelibrary.com).
- 8- Ban Mohammed Khammas, Alireza Monemi, Ismahani Ismail, Sulaiman Mohd Nor, and M.N. Marsono , “Metamorphic Malware Detection Based on Support Vector Machine

Classification of Malware Sub-Signatures”, TELKOMNIKA, Vol. 14, No. 3, September 2016, pp. 1157~1165 ISSN: 1693-6930.

- 9- Joseph Stephen Bassi, Loo Hui Ru, Ismahani Ismail, Ban Mohammed Khammas, Muhammad Nadzir Marsono, “ONLINE PEER-TO-PEER TRAFFIC IDENTIFICATION BASED ON COMPLEX EVENTS PROCESSING OF TRAFFIC EVENT SIGNATURES”, Jurnal Teknologi (Sciences & Engineering) 78:7 (2016) 9–16.
- 10- Ban M. Khammas, Sami Hasan , Rabah H. Aboud, Joseph Stephen Bassi, Ismahani Ismail , “ Accuracy-Improved Malware Detection Method using Snort Sub-signatures and Machine Learning Techniques” , CEEC'18 with IEEE Xplore.2019 .
- 11- Ban M. Khammas, Sami Hasan, Noor Nateq, Joseph Stephen Bassi, Ismahani Ismail, Muhammad Nadzir Marsono, “ First Line Defense Against Spreading New Malware in the Network”, CEEC'18 with IEEE Xplore.20 19.
- 12- Tan Hui Xin, Ismahani Ismail, Ban Mohammed Khammas, “ Obfuscated computer virus detection using machine learning algorithm”, Bulletin of Electrical Engineering and Informatics Vol. 8, No. 4, December 2019, pp. 1383-1391.
- 13- Ban Mohammed Khammas, Ismahani Ismail, M. N. Marsono, “ Pre-filters in-transit malware packets detection in the network”, TELKOMNIKA, Vol.17, No.4, August 2019, pp.1706-1714.