

CURRICULUM VITAE

Personal Data:

Name : Mohammed Fandi Ahmad Ababneh
 Date of Birth : 15th April 1956
 Place of Birth: Rasune-Ajlune
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Education:

1. Ph.D. Computer Engineering “ Virtual Reality Techniques for Generating 3D Images using Multiprocessor Systems”, Electronic and Communication Department, Faculty of Engineering, Cairo University, Egypt, April 2000.
2. Master of Science, “Microprocessors Technology and Applications”, Brighton Polytechnic (University), UK, October 1989.
3. B.E Electronics. M.S University of Baroda, India 1980.

Experiences:

- 1- 2011 – now, Associate Prof., Computer Science Department, Prince Abdulla Ben Ghazi Faculty for Information Technology Balqa’a Applied University, Jordan.
- 2- 2008 – now, Associate Prof., Information Technology Department, Hashemite University
- 3- 2007 – 2008, Associate Prof., Information Technology Department, Arab Academy for Finance and Banking, Amman, Jordan.
- 4- 2006 – 2007, Associate Prof., Information Technology Department, Balqa’a Applied University, Jordan.
- 5- 2000 – 2006, Associate Prof., Information Technology Department, Balqa’a Applied University, Jordan.
- 6- 2001 – 2005, Head of the IT department, Balqa' Applied University, Salt, Jordan.

7- 1992 – 1996 Lecturer, College of Engineering and Technology, Balqa'a Applied University, Jordan.

Courses taught:

(a) for Postgraduate level:

- Special Topics
- Algorithms
- Image Processing
- Compiler Design
- Computer simulation
- Computer networking
- Software engineering

(b) for undergraduate level:

- Computer Architecture and Design
- Operating Systems
- Digital Design
- Computer Networking
- Microprocessor Systems
- Multiprocessor systems
- Wireless networking
- Multiprogramming techniques
- Computer peripherals
- Computer interfacing
- Computer maintenance
- Computer fundamentals
- Computer programming C++
- Integrated Circuits and Printed Circuits Design
- Use of microprocessors in control
- Digital electronics design and implementation
- Computer simulation and modeling

8- 1980 – 1992 Lecturer, Amman Polytechnic, Jordan

Courses taught:

- Electronics I, II, and III
- Digital Techniques
- Electronic measurements.

Administration Experiences:

- 1- Vice Dean 2009 - 2010
- 2- Dean Assistant 2001-2002
- 3- Head of the IT Department 2001-2005
- 4- Faculty board member

Publications:

2. Virtual Reality “ An over view and assessments”. Jordanian 3rd Conference for Electrical Engineering, Muata University, Jordan, 1999.
3. “Parallel Computer-Generated Holography Via Ray-Tracing Approach”, Electronic Engineering Scientific Magazine, Vol. 19, 2000, Monofia University, Egypt.
4. “Computer-Generated Holography: Image Quality Optimization Formula based on Experimental Study” Electronic Engineering Scientific Magazine, Vol. 19, 2000, Monofia University, Egypt.
5. “Computer Generated Holography system based on automated on-line quality inspection”, Scientific Bulletin, Ain Shams University/ Egypt, Vol. 35, No. 31, 2000.
6. “ On the Design of Software Package to Predict and Track the Performance and Faulty Conditions for a Double Loop Computer Network”, The 7th World Multiconference on Systemics, Cybernetics and Informatics, July 27-30, Orlando, Florida, USA.
7. “ On the Development of An Expert System Used For Selecting The Appropriate PCs Equipments”, Journ. Inst. Maths. & Computer Sciences, Vol. 14, No.2(2003) 131-139.
8. “ Intelligent System for Face Recognition and Identification, Journ. Inst. Maths. & Sciences, (comp. Sc. Ser.) Vol.15, No.1 (2004) 105-114.
9. "An Analytical Simulation Technique Suitable for Performance Evaluation of Various CSMA/CD LANs", Mohammad F. Ababneh & Ibrahiem M. M. EL Emary, Egyption Computer Science Journal Vol.26, No 2 July 2004.
- 10."Occurrences Algorithm for String Searching Based on Brute-force Algorithm", Ababneh Mohammad, Oqeili Saleh and Rawan A. Abdeen, Journal of Computer Science 2(1): 82-85, 2006, ISSN 1549-3636
- 11.An Optimization Approach for Selecting Blocks of Embedding Process in Robust Watermarking System, Ababneh M.F. Mohammad, Naseem Masoud Asad, Journal of Computer Science 2(1): 114-117, 2006, ISSN 1549-3636
- 12.Face Recognition, Eigenface asnd Fisherface performance, European Journal of Scientific Research, Volume 21, N0.1 July 2008.
- 13.Average Delay in TCP Networks, Euro Journals, accepted for publication.

14. Cost Estimation for Development of a Distance Learning System, under publication
15. Enhanced ADFGVX Product Cipher: Random_8 Character Product Cipher, European Journal of Scientific Research, Vol 1.26, No. 2 (2009), pp. 323-328 .
16. Optimal weight selection of ANN using to predict the Price of the General Index for Amman Stock Exchange, under publication.
17. "Solving Multi-Objective Optimization Problems Using Genetic Algorithm for Production Systems" Under Review

Activities:

- 1- Steering committee member of the Arab International IT conference
- 2- Member of Royal committee for developing Jordan force retirees in IT field.
- 3- Member of the technical committee of The International Arab Journal of Information Technology (IAJIT).
- 4- Member of The Jordan Engineering Association since 1980.
- 5- Member of the Scientific Committee of Jordan International Conference in Computer Sciences & Engineering.

Conferences Attended:

- 1- The IEEE International Conference on Electronics, circuits, and systems, December 1997, Cairo Egypt.
- 2- Jordanian 3rd Conference for Electrical Engineering, Muata University, Jordan, 1999.
- 3- Arab International IT conference Acit 2000, Zarka Privat University, Jordan
- 4- Arab International IT conference Acit 2001, Jordan Applied Sciences University, Jordan.
- 5- 4th Jordanian International Electrical & Electronics Engineering Conference April 2001, Amman Jordan.

- 6- Arab International IT conference Acit 2002, Qatar University, Qatar
- 7- Arab International IT conference Acit 2003, Alxandria Academic University, Alxandria, Egypt.
- 8- Microsoft Research Conference, 2004, Ammerican University, Dubai
- 9- Arab International IT conference Acit 2005, Al- Zarqa Privet University, Amman, Jordan.
- 10- Arab International IT conference Acit 2008, Tunisia
- 11- Arab International IT conference Acit 2012, Libya