QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

CURRICULUM VITAE

Dr. Maher A. Nabulsi

Department of Computer Science

Faculty of Science and Information Technology,

Al-Zaytoonah University of Jordan

P.O.Box 130 Amman 11733 Jordan

Phone: 0796627311

E-mail: **nabulsi@zuj.edu.jo**

1. Personal Data

Date of Birth: 17 /12 / 1962

Nationality: Jordanian

2. Education

- Ph.D. (Automatic control Engineering) 1993, Bitruspurg technical university, Lineengrad, Russia

- M.Sc. (Computer Engineering) 1989, Polytechnical Institute, Azerbaijan, Russia

- B.Sc. (Computer Engineering) 1989, Polytechnical Institute, Azerbaijan, Russia

3. Ph.D. Dissertation

"Investigation of dynamics and synthesis of automatic control system by robot with cylindrical coordinates", Bitruspurg technical university, Lineengrad, Russia.

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

4. **Employment**

Academic Positions

- Associate Professor, Department of Computer Science, Al-Zaytoonah University of Jordan, Amman, Jordan
  August 2014 – Now
- Assistant Professor, Department of Computer Science, Al-Zaytoonah University of Jordan, Amman, Jordan
  September 1993 - August 2014

Administrative Positions

- Chairman of Computer Science Department, Faculty of Science, Al-Zaytoonah University of Jordan, Amman, Jordan – September 1998-August 1999
- Coordinator of Computer Science Department, Faculty of Science, Al-Zaytoonah University of Jordan, Amman, Jordan –September 1993-August 1998

5. **Research Interests**
   Computer Architecture, Logic Design, Discrete Mathematics, Microprogramming, Automatic control, Robotics, and others.

6. **Teaching Experience**

   - *Undergraduate Courses*

     1. Discrete Mathematics
     2. Digital Logic Design
     3. Computer organization
     4. Assembly Language Programming
     5. Computer Architecture
     6. Microprocessors
     7. Embedded Systems

7. Membership of Committees

- **University**
  - Member of the Examinations and Evaluation Committee in the Department of Computer Science / Faculty of Science and IT (2018-2019).
  - Member of the Graduate Studies Committee in the Department of Computer Science / Faculty of Science and IT (2017-2018).
  - Member of the Appointment and Promotion Committee in the Department of Computer Science / Faculty of Science and IT (2016-2017).
  - Member of Equation, Guidance, Training & Graduates Follow-up Committee in the Department of Computer Science / Faculty of Science and IT (2015-2016).
  - Member of Quality Assurance Committee at the Faculty of Science and IT (2014-2015).

8. Professional and Scientific Meetings

Scientific Meetings Organized

- Participation in the organization of the 8th International Conference on Information Technology 2017 at Al-Zaytoonah University of Jordan.
- Participation in the organization of the 7th International Conference on Information Technology 2015 at Al-Zaytoonah University of Jordan.
- Participation in the organization of the 6th International Conference on Information Technology 2013 at Al-Zaytoonah University of Jordan.

Participation in Scientific meetings

- Participation with a working paper in the 9th International Conference on Information Technology (JEEIT conference) at Royal Amman Hotel, Jordan (April 2019).
- Session Chair in the 8th International Conference on Information Technology at Al-Zaytoonah University of Jordan (May 2017).
- Participation with a working paper in the 1st International Conference on Information Technology at Al-Zaytoonah University of Jordan (May 2003).

9. <u>Publications</u>

Journal Articles

- **Fatima M. Quiam**, Maher A. Nabulsi, and Sokyna M. Alqatawneh, "Verifying the Validity of Implications that Involve Quantifiers using the Simplification and Logical Inference Methods", ICIC Express Letters Part B: Applications, 10 (7): July 2019, 571-578.

- **Feras Al-Azzeh**, Ali Aldahoud, Maher A. Nabulsi, and Sokyna Al-Qatawneh, "Quality Effects of Using Advanced Technologies in Learning Process at Universities", ICIC Express Letters Part B: Applications, 10 (4): April 2019, 291-299.

- **Maher A. Nabulsi**, Ahmad AA Alkatib, and Fatima M. Quiam. "A New Method for Boolean Function Simplification", International Journal of Control and Automation (IJCA), 10 (12): Dec. 2017, 139-146.

- **Maher A. Nabulsi** and Nesreen A. Hamad. **"** Proofs of Implications Involving Quantifiers Distribution over Logical Operators ", Journal of Theoretical and Applied Information Technology (JATIT), 95 (12) : June 2017, 2824-2829.

- **Maher A. Nabulsi** and Ahmad Abusukhon. "An Investigation into the Relationships Between Logical Operations ", International Journal of VLSI design & Communication Systems (VLSICS), 4 (2) : April 2013, 1 – 9.

- **Ahmad Abusukhon**, Mohammad Talib, and Maher A. Nabulsi.
  " Analyzing the Efficiency of Text - to – Image Encryption Algorithm " ,
  International Journal of Advanced Computer Science and Applications
  (IJACSA), 3 (11) : 2012, 35 – 38.

- **Maher A . Nabulsi** and Mohammed A . F . Al-Husainy.
  " Using Combinational Circuits for Control Purposes " , Journal of
  Computer Science, 5 (7) : 2009, 507 – 510.

- **Maher A . Nabulsi** and Ayman M . Abdalla. " The relationship between
  Exclusive- or and the Unique Existential Quantifier ", Journal of Computer Science,
  4 (9) : 2008, 741 – 743.

- **Maher A . Nabulsi** and Ayman M . Abdalla. " A Method of Deductive Logical
  Inference Proofs " , Journal of Computer Science, 4 (4) : 2008, 345 – 348.

QFG11/0110 - 3.1E	Curriculum Vitae Form - Procedures of Appointment and Promotion Committee

- **Maher A . Nabulsi**. " Some Propositions, Quantified Assertions and their uses in Computer Hardware Design " , An-Najah University Journal for Research – A, Palestine, Volume 14 : Dec 2000, 157 – 168.

Books

- **Maher A . Nabulsi**. "Fundamentals of Computer Design, Organization and Architecture", Published in Arabic language, Dar Al-Manahej, Jordan , 2005.

Conference Articles

- **Nesreen A. Hamad** and Maher A. Nabulsi, "Implementing the Unique Existential Quantifier in Digital Logic Design", 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), May 2019, 465-468.

- **Maher A . Nabulsi**. "Study of the Relationship between Exclusive – OR and Equivalence, Inhibition and Implication Operations", Al-Zaytoonah University of Jordan, ICITNS, 2003.