

FACULTY VITAE

1. Name: Rola Ismail Al-khalid

2. Education:

Degree	Discipline	Institution	Year
M. Sc.	Computer Science	The University of Jordan	2002-2004
B.Sc.	Computer Technology Engineer and Numerical	Al-Balqa University	1994-1999

3. Academic Experience

Institution	Rank	Title	DatesHeld	FT/PT
The University of Jordan, College King Abdullah II School for Information Technology, Department of Computer Information System	Teacher	Teacher	From 27 October 2008 until now	FT
The University of Jordan, College King Abdullah II School for Information Technology, Department of Computer Information	Lecturer	Lecturer	6 March 2005 until 26 October 2008	FT
Philadelphia University, Private Accredited University, College of Science, Science of Computer and Information System	Lab Supervisor	Lab Supervisor	16 October 1999 to 1 March 2005	FT

4. Non-Academic Experience

5. Certifications or professional registrations

Installing computer software and solving hardware Problem for PC, at Mu'ta Company. Aug 1996(three month)

Learning different programming languages (FoxPro, oracle and UNIX), at Ministry of Education, Oct 1998 (two month).

Semester 1 of the Cisco Networking Academy Program (29/9/2002)

International Computer Driving License ICDL (7/9/2002)

ORACLE 9i (60 hours, 2/3/2002, Computer Way Training Center)

6. Current membership in professional organizations

- Member in Jordan Engineer Association

7. Honors and awards:

8. Service activities:

- Lab supervision
- Teacher Assessment Education
- Student registration counseling
- Examination Supervision
- Workshop: in-service courses

- Member in organizing programming contest

9. Publications:

- Amjad Hudaib, Rola Al-Khalid, Dima Suleiman, Mariam Itriq and Aseel Al-Anani. **A Fast Pattern Matching Algorithm with Two Sliding Windows (TSW)**. Journal of Computer Science, 4(5): 393-401, 2008
- Moussa H. Abdallah, Randa A. Al-Dallah, and Rola I. Al-Khalid. **A Novel Approach for Multimedia Information Hiding using Visual Cryptography**. The Eight (IASTED) International conference- Spain, 2008
- Aseel M. Al-Anani, M.H. Abdallah, Randa A. Al-Dallah, Rola I. Al-Khalid. **Multimedia Multilevel Hiding Technique**. *European Journal of Scientific Research* 24(1), 2008.
- Randa A Al-Dallah, Moussa H Abdallah and Rola I Al-Khalid. **A Novel Technique in Multimedia Information Hiding using Quantization Level Based Visual Cryptography**. The International Conference on Modeling and Simulation '08 – Jordan, 2008
- Moussa H. Abdallah, Rola I. Al-Khalid, Randa A. Al-Dallah. **A Payload Optimization Technique for Multimedia Visual Cryptography**. The 21st International Conference on Software Engineering & Knowledge Engineering (SEKE'2009), Boston, Massachusetts, USA..ISBN 1-891706-24-1: 703-708, July 1-3, 2009
- Rola Al-Khalid, Randa Al-Dallah, Moussa Abdallah, **Efficient Techniques for Multimedia Information Hiding using Color Visual Cryptography**, Dirasat: Pure Sciences, 38(1):100-112, 2011
- Mariam Itriq, Amjad Hudaib, Aseel Al-Anani, Rola Al-Khalid, Dima Suleiman, **Enhanced Two Sliding Windows Algorithm For Pattern Matching (ETSW)**, Journal of American Science,8(5): 607 – 616, 2012.
- Randa A Al-Dallah, Aseel M. Al-Anani, Rola I Al-Khalid and Samah A. Massadeh. **An Efficient technique for data hiding in audio signals**. American Academic & Scholarly Research Journal 4(5): 577-614, 2012.
- Randa A Al-Dallah, Aseel M. Al-Anani, Rola I Al-Khalid and Samah A. Massadeh. **An Efficient technique for data hiding in audio signals**. AASRC 2012 Fourth International Conference, ISTANBUL, TURKEY, 117-122, 2012.
- Ammar Huneiti, Rizik Al-Sayyed, Rola Al-Khalid, Dima Khalil, Heba Mousa. **E-Guide for University Students**, Journal of American Science,8(10): 574-581, 2012.
- Dima Suleiman, Amjad Hudaib, Aseel Al-Anani, Rola Al-Khalid and Mariam Itriq, **ERS-A Algorithm for Pattern Matching**, Middle-East Journal of Scientific Research 15 (7): 1067-1075, 2013.
- Amjad Hudaib, Rola Al-Khalid, Aseel Al-Anani, Mariam Itriq and Dima Suleiman, **Four Sliding Windows Pattern Matching Algorithm (FSW)**, Journal of Software Engineering and Applications - JSEA 8(3): 154-165, March 2015.
- Dima Suleiman, Mariam Itriq, Aseel Al-Anani, Rola Al-Khalid and Amjad Hudaib, **Enhancing ERS-A Algorithm for Pattern Matching (EERS-A)**, Journal of Software Engineering and Applications - JSEA 8(3): 143-153, March 2015.
- Al-Khalid, R., Al-Dallah, R., Al-Anani, A., Barham, R. and Hajir, S., **A Secure Visual Cryptography Scheme Using Private Key with Invariant Share Sizes**, Journal of Software Engineering and Applications, **10**, 1-10, 2017. doi: [10.4236/jsea.2017.101001](https://doi.org/10.4236/jsea.2017.101001).

10. Professional development activities