

FACULTY VITAE

1. **Name:** Rana M. M. Yousef

2. **Education:**

Degree	Discipline	Institution	Year
PhD	Software Engineering	University of the West of England, Bristol, UK	2010
M.Sc.	Computer Science	The University of Jordan, Jordan	2004
B.Sc.	Computer Science	The University of Jordan, Jordan	2002

3. **Academic Experience**

Institution	Rank	Title	Dates Held	FT/PT
The University of Jordan	Associate Professor	Associate Professor	21st November 2015 – present	FT
The University of Jordan	Assistant Professor	Assistant Professor	21st November 2010 – 2015	FT
The University of Jordan	Teaching Assistant	Teaching Assistant	16th February 2003 – 1st February 2007	FT

4. **Non-Academic Experience**

Organization	Title	Duties	Dates	FT/PT
The University of Jordan, Deanship of Academic Research	Dean Assistant	Dean assistant for computer, development and quality affairs	September 2014 – September 2015	FT

5. **Current membership in professional organizations**

- Jordan Computer Society
- Association of Jordanian Women Academics

6. **Publications:**

Journal papers:

- Sarah Imtera, **Rana Yousef** (to be published in 2019) "Service Traceability in SOA-Based Software Systems: A Traceability Network add-in for BPAOntoSOA Framework", International Journal of computer applications.
- **Rana Yousef** (2016) "Assessing the Quality of Candidate Software Services Generated Using Service Identification Approaches." International Journal of Computer Science Issues (IJCSI) 13.2 (2016): pp. 64.
- Sarah Khader and **Rana Yousef** (2016). "Utilizing Business Process Models to Generate Software Test Cases." International Journal of Computer Science Issues (IJCSI) 13.2: pp.1.

- **Rana Yousef.** (2015) Using a Reversed Affinity Analysis Technique to Validate Service Identification Approaches. International Journal of Advanced Science and Technology. Vol 79, pp. 37- 48.
- **Rana Yousef,** Tamara Almarabeh. (2015) “An enhanced requirements elicitation framework based on business process models”. Scientific Research and Essays. Vol 10 (7).
- **Rana Yousef,** Omar Adwan and Mohammad A. M. Abushariah. (2014) "Extracting SOA Candidate Software Services from an Organization’s Object Oriented Models). Journal of Software Engineering and Applications, Vol 7, 770-778.
- **R. Yousef,** M. Odeh, D. Coward and A. Sharieh. (2011) “Translating RAD Business Process Models into BPMN Models: A Semi-Formal Approach”. International Journal of Web Applications (IJWA). Vol 3, No 4. 187-196.

Conference papers:

- Fayez Alrafee, Moh'd Belal Al-Zoubi and **Rana Yousef** (2017) "Towards Improving Customer Behavior Prediction through Social Networks". Proceedings of the New Trends in Information Technology (NTIT-2017), Amman -Jordan.
- **Rana Yousef** and Mohammed Odeh (2013). "The Derivation of Business Process Architecture from Business Process Models: A Reverse Engineering Case Study". International Conference on New Visions for Information and Communication Technology (ICNVICT), Jordan.
- **Rana Yousef.** (2013) "Using Affinity Analysis to Identify Services for SOA-Based Software Systems: A Case Study", International Conference on Information and Communication Systems ICICS'13, Jordan.
- **Rana Yousef,** Mohammad Odeh (2011). “The srBPA Ontology: A Formal Representation of the Riva-based Business Process Architecture ”. IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (AEECT), Jordan.
- **Rana Yousef,** Mohammad Odeh (2011). “A BPA-Based Approach for the Identification of SOA Candidate Software Services” The 5th International Conference on Information Technology, ICIT'11, Jordan.

Books and book Chapters:

- **Rana Yousef** and Mohammed Odeh. (2012) “A New Service Identification Approach Based on the Riva Business Process Architecture”. Frontiers In Information Technology. Chapter 8, MASAUM Network. ISBN:978-969-9742-00-2.
- **Rana Yousef.** Ontology-Based Service Identification: From Riva-based BPA to SOA Candidate Software Services. (2013) LAMBERT Academic Publishing, Germany. ISBN:978-3-659-49015-6.

7. Professional development activities

Funded Project:

- **Rana Yousef,** Prof. Abeer Al-Bawab and Dr. Ghadeer Mehjar. (11/2014 – 11/2016) “Restructuring of operations related to the functions of Deanship of Academic Research in the University of Jordan to increase their efficiency and effectiveness”. Funded by the Deanship of Academic Research - the University of Jordan.