

Curriculum Vitae

Rokaia Sh. Habeeb

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PERSONAL SUMMARY:

Mrs. Rokaia Habeeb is a lecturer at the computer engineering department, Mustansiriyah University, Baghdad-Iraq since 2002. Her MSc. Thesis entitled (Tuning Fuzzy Logic Controller using Genetic Algorithm). Her research interests include Intelligent Systems, Optimization Algorithms, PID controller and Cryptanalysis.

EDUCATION:

- M.Sc. in Communication and Electronics Engineering (Mustansiriyah University, Baghdad, Iraq 2002).
- B.Sc. in Electrical Engineering (Mustansiriyah University, Baghdad, Iraq 1995).

ACADEMIC HONORS AND AWARDS:

- Rank 4th in BSc. Class in Electrical Engineering (Mustansiriyah University, Baghdad, Iraq 1995).
- Rank 2nd in MSc. Class in Communication and Electronics Engineering (Mustansiriyah University, Baghdad, Iraq 2002).

ACADEMIC /TEACHING EXPERIENCE:

- Lecturing in the Machine Laboratory at the Electrical Engineering Department (1995-1997).
- Lecturing in the Fundamental Electrical Engineering Laboratory, Logic Circuits Laboratory, 8085 microprocessor Laboratory, Control Laboratory, and Image processing Laboratory at the Computer and Software Engineering Department (1998-2019).
- Supervising Fourth Year projects at the Computer and Software Engineering Department (1998-2019).

COURSES TAUGHT:

Undergraduate	Graduate
1- System programming (8085,8086 microprocessors) 2- English Writing Technique (First Year) 3- Advanced Digital Systems (Second and Third year) 4- Mathematics (First Year) 5- Advanced Engineering Mathematics (Second Year)	

PROFESSIONAL AFFILIATIONS:

- Rapporteur of the Computer and Software Engineering Department (2005-2006)

PUBLICATIONS:

- "Multi population Genetic Algorithms for Tuning Fuzzy Logic Controller ", MN Al-Tikriti, RS Al-Joubori, i-Manager's Journal on Software Engineering 2 (2), 56. 2007
- "Arabic Text Cryptanalysis using Genetic Algorithm", RS Habeeb, Iraqi Journal for Electrical and Electronic Engineering 12 (2), 161-166. 2016
- "Design an Optimal PID Controller with Nonlinear Function Using Bacteria Foraging Optimization for Single Flexible Link Robot Manipulator", Dr. Ekhlas H. Karam, Noor S. Abdul-Jaleel, Rokaia Sh. Habeeb, journal of engineering and sustainable development, Vol. 21, issue 4, July 2017, pp. 14-29.
- "Analysis of Large Set of Images Using MapReduce Framework", Sawsan M. Mahmoud, Rokaia Shalal Habeeb, I.J. Modern Education and Computer Science, 2019, 12, 47-52 Published Online December 2019 in MECS (<http://www.meecs-press.org/>) DOI: 10.5815/ijmeecs.2019.12.05

PROFESSIONAL DEVELOPMENT

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عالي جبار كاظم
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