

## **Zaenab D. Shakir**

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### **Personal Overview**

Zaenab D.Shakir is a faculty at Al-Muthanna University. Most of his research area was in modeling and simulation that applied to the various disciplines' areas. She used systems engineering methodologies and statistical tools to model and analyze mobile computing systems, looking at improving their overall performance while considering their limited energy availability. Moreover, her research interests are in telecommunication, RF, IoT and WSN .

### **Educational Background**

- **Ph.D in Computer Engineering, Florida Institute of Technology (Florida Tech), Melbourne, FL, USA.**
- **M.Sc in Computer Engineering, University of Arkansas at Little Rock (UALR), Little Rock, AR, USA.**
- **B.Sc in Computer and Software Engineering, College of Engineering, University of Al-Mustansiria , Baghdad, IRAQ.**

### **RESEARCH INTERESTS**

- **Telecommunication, Machine Learning, RF, IoT and WSN.**

### **PUBLICATIONS**

- **Zaenab D. Shakir, K. Yoshogoe and RB Lenin, Adaptive Buffering scheme to reduce packet loss on densely connected WSN with mobile sink, 2012 IEEE Consumer Communication and Networking Conference(CCNC), P.439-444, Las Vegas, NV, USA**
- **Zaenab D. Shakir, J.Zec and I. Kostanic, Position location based on measurement reports in LTE Cellular Network. 2018 IEEE 19<sup>th</sup> Wireless and Microwave Technology Conference (WAMICON), P.1-6, Clearwater,FL,USA.**
- **Zaenab D. Shakir, J.Zec and I. Kostanic, Measurement-Based geolocation in LTE cellular network. 2018 IEEE 18<sup>th</sup> Annual Computing and Communication Workshop and Conference (CCWC),P.852-858, Las vegas,NV, USA.**
- **Zaenab D. Shakir, J.Zec and I. Kostanic, LTE geolocation based on measurement reports and timing advance, Chapter boos in Future of Information and Communication Conference, P.1165-1175, San Francisco, CA, USA.**