Curriculum Vita

Saif Uldun Mostfa Kamal

Lecturer / Iraq University College

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https://scholar.google.com/citations?user=c8ECE1oAAAAJ&hl=en

📍 Iraq University College, Alistiqlal Street, Basra, Iraq.
Sax: Male Date of birth: 03 May 1986 Nationality: Iraqi

Profile

- To establish myself in the field of education, to utilize my skills and experience to help students to achieve high improvements in academics.

Field of specialization

- Computer Technology Engineering / Computer Networks

Scientific grade

- Asst. Lecturer (since 1-10-2016), Lecturer (since 1/10/2019)

The University degrees

- **B.Sc.** (Computer Technologies Engineering), 2011 from Alrafidain University College (AUC), Baghdad, Iraq.

- **M.Sc.** (Information Technology/ Computer Networks), 23 March 2016 from National University of Malaysia (UKM), Malaysia.
  Thesis Title: "Genetic Algorithm Based Request Zone Optimization for Location Aided Routing Protocol in Mobile Ad Hoc Network".

- Others:
  a. Teaching Methodology.
  b. Training Human Resource.
  c. Training Project Management.
  d. Training Research Methodology
  e. IELTS.

Languages

- Arabic mouther languages
- English (**6** IELTS)

Teaching

Iraq University College		
(Subjects)	**(Level)**	**(Dept.)**
Computer Networks / 4 years	Forth level	Computer Technologies Eng.
CAD/CAM / 1 year	Forth level	Computer Technologies Eng.
Project Management / 1 year	Forth level	Computer Technologies Eng.
Real Time System Design / 2 years	Third level	Computer Technologies Eng.
Analog Electronic / 3 years	Third level	Computer Technologies Eng.
Digital Electronic / 3 years	Third level	Computer Technologies Eng.
Electronics / 3 years	Second level	Computer Technologies Eng.

Field of Research

a. Mobile Ad-Hoc Network.
b. Wireless sensor networks.
c. Artificial intelligent.
d. Robotics.
e. IoT.

Membership of scientific societies

- Member in the Institute of Electrical and Electronics Engineers (IEEE), Iraq.

- Member in Association for Computing Machinery (ACM), Iraq.

Published papers

1. The Design Trends of Keystream Generator for Stream Cipher for High Immunity Attacks. Published at Springer international publishing Switzerland. Part of the Lecture Notes in Electrical Engineering book series (LNEE, volume 362) (2016)
2. E-Learning Development and Assessment Report: Case Study I-Folio. Published at Journal of theoretical and applied information technology. Vol. 85, No.1 (2016)
3. Survey and Brief History on Malware in Network Security Case Study: Viruses, Worms and Bots. Published at ARPN journal of engineering and applied sciences. Vol. 11, No.1 (2016)
4. Performance Evaluation of UDP Based on Traffic Size and Traffic Load Using Ns2. Published at ARPN journal of engineering and applied sciences. Vol. 11, No.9 (2016)
5. A Rule-Based Technique to detect Router Advertisement Flooding Attack against BioBizz Web Application. Published at American scientific publishers. Vol. 4, No.2 (2016)
6. Contention and TDMA-Based Mac Wireless in Scheduled and Unscheduled Settings. Published at ARPN journal of engineering and applied sciences. Vol. 11, No.5 (2016)
7. Effect of a Comprehensive Performance Metrics Comparison between MDART, DSDV and DSR. Published) at ARPN journal of engineering and applied sciences. Vol. 11, No. 21 (2016)
8. Comprehensive overview of security issues in the internet and mobile applications. Published at Journal of information engineering and application. Vol. 7, No.6 (2017). (IUC)
9. Comprehensive Survey Congestion control mechanisms in wireless sensor networks: Comprehensive Survey. Published at Journal of Computer Engineering and Intelligent Systems Vol.9, No.7, (2018).(IUC)
10. Energy Efficiency Performance in Telecommunication System Development. Published at Journal of University of Shanghai for Science and Technology, Vol.23, No.1, (2021).(IUC)
11. A Simulative Comparison of Bb84 with B92 Quantum Cryptography Protocol. Published at ARPN journal of engineering and applied sciences. Vol. 15, No. 20 (2020) (IUC)
12. Watermark and Cryptography of Medical Images for Content Authentication. Published at Journal of University of Shanghai for Science and Technology, Vol.22, No.11, (2020).(IUC)
13. Butler Robot with Multi-wireless Connections Published at Journal of University of Shanghai for Science and Technology, Vol.22, No.11, (2020).(IUC)

Accepted papers

1. Smart City Automation Using Raspberry. 2021 (Accepted), (IUC)
2. Genetic algorithm based Location Aided Routing Protocol in Mobile Ad Hoc Networks. 20201 (Accepted), (IUC)

Undergraduate Supervision

(i) B.Sc.:
1. Energy Efficient FEC Schemes.
2. Energy Efficient Network.
3. Fuzzing tool set.
4. Digital speed control of a DC motor with load.
5. Localization techniques for wireless sensor network.
6. Routing protocols for wireless sensor network.
7. Butler Robot with Multi-wireless Connections.
8. Smart City Automation using Raspberry Pi.
9. Emergency monitoring system in wireless sensor network using Raspberry Pi.
10. Data transfer through laser beam using Raspberry Pi.

Employment history

Item. No.	Position	College	From	To	University
1	Asst. Lecturer at department of Computer Technology Engineering	Engineering	1/10/2016	now	Iraq University College
2	Coordinator at department of Computer Technology Engineering	Engineering	1/3/2017	now	Iraq University College