

**Personal Data:**

Name as in Passport	Ali Mohammed Alsahlany
Date of Birth	the 23rd of September, 1984
Place of Birth	Najaf
Province	Najaf
Country	Iraq
Nationality	Iraqi
Religion	Muslim
Male Gender	Male
Marital Status	Married
Health Condition	Excellent and Non-smoker
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**Scientific Qualifications & Employment:**

Major Field of Study	Year	Country	University	Education Background
Technical Communications Engineering	2002-2006	Iraq	Najaf Collage of Technology	Bachelor of Science (BS)
Electrical Engineering	2010-2012	Iraq	Basra University	Master of Science (MSc)
Employment Status				Employed
Al Furat Al Awsat Technical University / Najaf College of Technology / Department of Technical Communications Engineering				Place of Employment

**Training & Work Experiences:**

Training/Experiences	Date	Location
Instructor at the Advanced communication systems Laboratory for 4th stage BSc.	2007-2009	Technical Engineering College/Al-Najaf- Communication Engineering Techniques Department
Instructor at the Computer Networks Laboratory for 4th stage BSc.	2007-2009	Technical Engineering College/Al-Najaf- Communication Engineering Techniques Department
Instructor at Principle Digital Electronic I Laboratory, for 1st stage BSc	2012-2014	Technical Engineering College/Al-Najaf- Communication Engineering Techniques Department
Instructor at Principle Digital Electronic II Laboratory, for 1st stage BSc	2012-present	Technical Engineering College/Al-Najaf- Communication Engineering Techniques Department
Instructor for Wireless Penetration Testing Course	2017-Present	Udemy Website <a href="https://www.udemy.com/user/ali-alsahlany/">https://www.udemy.com/user/ali-alsahlany/</a>

**Other Certification:**

1	"CCNA Routing and Switching" from Cisco Networking Academy at Al-Najaf College of Technology, 2019.
2	"CCNA1" from Cisco Networking Academy at Al-Najaf College of Technology 27 Dec. 2012.
3	"Qualifying Course in Teaching Methods" from The Staff Development Center, Foundation of Technical Education, Iraq 2012.

**Language Skills:**

Arabic	Native Language
English	Other (s)

**Standardized Test Scores:**

Location	Score	Date	Score
Iraq / British Council	5	27/7/2019	IELTS for UKVI
University of Babylon	440	12/1/2013	TOEFL ITP

**Special Skills:**

- 1- University Teaching (given courses; computer networks, Principle Digital Electronic and wireless communications).
- 2- Network Administration, Network Design and Security.
- 3- Matlab, Opnet, Auto CAD, C++, and packet tracer.
- 4- Lecturing.
- 5- Teamwork.
- 6- Microsoft office (word, access, power point, Excel, etc.).
- 7- Operating system (Windows, Linux)

**Hobbies:**

Collect more information about computer and programs, reading books, traveling, playing football.

**List of Publications (Journals and Conferences):**

1. Kadhim Takleef Kadhim, **Ali M Alsahlany**, Salim Muhsin Wadi, Hussein T Kadhum, "An Overview of Patient's Health Status Monitoring System Based on Internet of Things (IoT)", Wireless Personal Communications, PP.1-28, 2020.
2. Kadhim Takleef Kadhim, **Ali M Alsahlany**, Salim Muhsin Wadi, Hussein T Kadhum, "Monitoring Vital Signs of Human Heart Based on IOT", Al-Furat Journal of Innovation in Electronic and Computer Engineering, Vol. 1, No. 2, 2020.
3. Ahmed Abdulkadhim Basheer, **Ali M Alsahlany**, Salah Ahmed Abbas, Abdullah Ali Qasim, MF L Abdullah, "Design a Cylindrical Antenna for Millimeter-Wave

- Applications”, 2020 International Conference on Information Science and Communication Technology (ICISCT), 2 Feb. 2020.
4. AA Qasim, MFL Abdullah, R Talib, **AM Alsahlany**, MSM Gismalla, “Modelling 5 Units Illumination for Visible Light Communication System,” 2020 International Conference on Information Science and Communication Technology (ICISCT), 2 Feb. 2020, pp. 1-6.
  5. Dhurgham Abdulridha Jawad Al-Khaffaf, and **Ali M. Alsahlany**, “60 GHz Millimetre wave/ 10 Gbps Transmission for Super Broadband Wi-Fi Network,” *Journal of Communications*, Vol. 14, No. 4, pp. 261-266, April 2019.
  6. **Ali M. Alsahlany**, Zainalabdin H. Alfatlawy, and Alhassan R. Almusawy, “Experimental Evaluation of Different Penetration Security Levels in Wireless Local Area Network,” *Journal of Communications*, Vol. 13, No. 12, pp. 723-729, December 2018.
  7. **Ali M. Alsahlany**, and Dhurgham Abdulridha Jawad Al-Khaffaf, “AN EFFICIENT IMPROVEMENT OF FRAME AGGREGATION MECHANISMS FOR VHT AT MAC AND PHY LAYERS IN IEEE802.11AC USING MIMO CHANNEL” *Journal of Theoretical and Applied Information Technology*, Vol. 96. No. 20, pp. 6817- 6827, Oct. 2018.
  8. Dhurgham Abdulridha Jawad Al-Khaffaf, and **Ali M. Alsahlany**, “A RETURN LOSS IMPROVEMENT OF SLOTTED SQUARE MICROSTRIP INSET-FEED PATCH ANTENNA,” *International Journal of Latest Trends in Engineering and Technology*, Vol. 11, No. 2, pp. 23-28, 2018.
  9. **Ali M. Alsahlany**, Mohammed J. Alhasan, and Qusay Jalil, “Performance Investigation of Interleaving and BCH code in MIMO System,” *International Journal of Innovative Research in Science, Engineering and Technology*, Vol. 7, No. 6, June 2018.
  10. **Ali M. Alsahlany**, Alhassan R. Almusawy, Zainalabdin H. Alfatlawy, “Risk analysis of a fake access point attack against Wi-Fi network,” *International Journal of Scientific & Engineering Research*, Vol. 9, No. 5, May-2018
  11. Haider M. Turki Al-Hilfi, Ali H. Najim, and **Ali M. Alsahlany**, “Evaluation of WIMAX Network Performance of Baghdad City Using Different Audio Codecs” 16th RoEduNet IEEE International Conference, September 21-23, 2017, Târgu-Mureș, Romania pp. 599 – 602.
  12. **Ali M. Alsahlany**, and Hayder S. Rashid, "Audio Codecs Impact on Quality of VoIP Based on IEEE802.16e Considering Mobile IP Handover," *American Journal of Networks and Communications*, Vol. 4, Issue 3, June 2015, Pages: 59-66.
  13. **Ali M. Alsahlany**, "Performance Analysis of VOIP Traffic over Integrating Wireless LAN and WAN Using Different CODECS," *International Journal of Wireless & Mobile Networks (IJWMN)*, Vol. 6, No. 3, June 2014.
  14. **Ali M. Alsahlany**, "Experimental Analysis of WLAN Security Weakness By Cracking 64 & 128 bit WEP Key," *The Islamic College University Journal*, Vol, 9, No. 29, Pages: 165-176, 2014.
  15. **Ali M. Alsahlany**, Haider M. AlSabbagh, and Saod A. AlSeyab, "Performance of MAC–IEEE 802.11n – over fiber network in presence errors on the transmitting channel", *Eng. And Technology Journal*, vol. 30, no. 16, 2012.
  16. **Ali M. Alsahlany**, Haider M. AlSabbagh and Saod. A. Alseyab,” Multipacket reception for multiple antenna systems in IEEE 802.11n-over-fiber network", *IEEE International conference - Telecommunications Forum (TELFOR)*, 22-24 Nov. 2011 19th, Belgrade, Serbia, pp. 599 – 602.

17. **Ali M. Alsahlany**, Haider M. AlSabbagh and Saod. A. Alseyab,” Length of optical fiber influence on the performance of Radio-Over- Fiber systems”, International Journal of Engineering and Industries (IJEI), vol. 2, no. 2, pp. 54-61, 2011.

Prof. Ali M. Alsahlany

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Research Gate ID: [https://www.researchgate.net/profile/Ali\\_Alsahlany](https://www.researchgate.net/profile/Ali_Alsahlany)

Publons ID: <https://publons.com/researcher/1507616/ali-m-alsahlany/>