



Curriculum Vitae

Hussein Ali Hussein Al-Delfi

Mustansiriyah University – College of -- Engineering

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PERSONAL SUMMARY:

Dr. Hussein Ali Hussein, Ph.D. in Electrical Engineering/ Electronic and Communications Engineering from the University of Technology, Iraq 2020.

EDUCATION:

- PhD in Electronic and Communications Engineering from the University of Technology, Iraq 2020.
- Master of Electrical Engineering from the University of Technology, Iraq 1998.
- Bachelor's degree in Electrical Engineering from the Arab Republic of Egypt 1988.

ACADEMIC HONORS AND AWARDS:

- Two Letter of thanks from the Minister of Higher Education and Scientific Research
- Two letter of thanks from the President of the University
- Five letter of thanks from the Dean of the College

ACADEMIC /TEACHING EXPERIENCE:

- Lecturer in Electrical Engineering Department of Al-Mustansiriya University since 2005.
- Lecturer at Al-Mansour College, Department of Computer Technology Engineering in 2012.

COURSES TAUGHT:

Undergraduate	Graduate
1-Digital Electronics. 2- Analog Electronics.	.

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|---|--|
| 3- Computer network
4- Electronic Laboratory.
5-Microprocessor Laboratory.
6- Communication Laboratory | |
|---|--|

PROFESSIONAL AFFILIATIONS:

Lecturer in Electrical Engineering Department of Al-Mustansiriya University since 2005.

PUBLICATIONS:

- 1-Line Detection Using Radon Transform. Journal: Engineering and Technology Journal مجلة الهندسة والتكنولوجيا ISSN: 16816900 24120758 Year: 2010 Volume: 28 Issue: 6 Pages: 1267-1280.
- 2-System Identification of Non –Linear System Using Genetic Algorithm for Development of Active Vibration Control Algorithm. Al-Mansour Journal-Issue (18) -2012-pp.51-72.
- 3-Software Implementation of Hybrid Median Filter. Al-Mansour Journal-Issue (19) -2013-pp.89-109.
- 4- Radiation Mitigation Techniques for Mobile Radio Base Stations. Journal: Engineering and Technology Journal مجلة الهندسة والتكنولوجيا ISSN: 16816900 24120758 Year: 2014 Volume: 32 Issue: 12 Part (A) Engineering Pages: 2937-2948
- 5- Adaptive Antenna Capabilities In GSM Systems Performance Improvement GSM. Journal: Engineering and Technology Journal مجلة الهندسة والتكنولوجيا ISSN: 16816900 24120758 Year: 2015 Volume: 33 Issue: 3 Part (A) Engineering Pages: 548-559.
- 6-Improved Key Frame Extraction Using Discrete Wavelet Transform with Modified Threshold Factor TELKOMNIKA, Vol.16, No.2, April 2018, pp. 567~572, ISSN: 1693-6930, accredited A by DIKTI, Decree No: 58/DIKTI/Kep/2013,DOI : 10.12928/TELKOMNIKA.v16i2.7692
- 7-An Efficient Feature Extraction of Isolated Word for Dynamic Sign Language Classification 2018 Third Scientific Conference of Electrical Engineering (SCEE), University of Technology – Iraq 978-1-7281-1587-0/18/\$31.00 ©2018 IEEE, Pages: 305-309 .
- 8- Key frame extraction using hybrid algorithm of dynamic sign language, Indonesian Journal of Electrical Engineering and Computer Science Vol. 13, No. 1, January 2019, pp. 186~190,ISSN: 2502-4752, DOI: 10.11591/ijeecs.v13.i1.pp186-190

9- Feature Extraction of Dynamic Sign Language Based on DCT ,

Iraqi Journal of Computers, Communications, Control & Systems Engineering (IJCCCE), Vol. 20, No. 2, April 2020

10-Accurate hand gestures recognition through plastic barrier based on Doppler frequency using latent Dirichlet allocation classifier

4th International Iraqi Conference on Engineering Technology and Their Applications, IICETA 2021, 2021, pp. 27-32

11-Hybrid Ciphering and Frequency Domain Scrambling for Secure Speech Transmission through MIMO-OFDM System, International Journal of Intelligent Engineering and Systems, 2022, 15(6), pp. 563-575

12-Study the Effect of Dielectric Permittivity and Changing Substrates Material on Microstrip Patch Antenna, 2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA), 9-11 June 2022

DOI: 10.1109/HORA55278.2022


13- Factors controlling cell coverage in cellular networks, AIP Conf. Proc. 2804, 020031 (2023) <https://doi.org/10.1063/5.0154511>

14- A book titled: Electronic learning and the repercussions of Covid-19.

PROFESSIONAL DEVELOPMENT

- Participation in many scientific workshops inside Iraq
- Participation in 2018 Third Scientific Conference of Electrical Engineering (SCEE), University of Technology - Iraq.

Signature Head of Department


أ.م.د. ياسين يوسف محمد
رئيس قسم الهندسة الكهربائية
٢٠٢٢ / ١

Signature Vice Dean


الأستاذ المساعد الدكتور
عبدالحسين محمد عمار
نائب عميد شؤون الطلبة

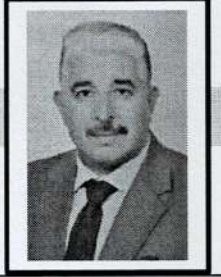
السيرة الذاتية

حسين علي حسين الدلفي

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ملخص تعريفي:

م د حسين علي حسين - دكتوراه هندسة كهربائية - إلكترونيك واتصالات - الجامعة التكنولوجية عام 2020
الشهادات الدراسية:

- دكتوراه هندسة الكترونية واتصالات / الجامعة التكنولوجية / 2020
- ماجستير هندسة الكترونية / الجامعة التكنولوجية / 1998
- بكالوريوس هندسة كهربائية / ك فنية ع / جمهورية مصر العربية / 1988

الجوائز والتكريم الأكاديمي

- كتاب شكر من السيد وزير التعليم العالي والبحث العلمي عدد 2
- كتاب شكر من السيد رئيس الجامعة عدد 2
- كتاب شكر من السيد عميد كلية الهندسة عدد 5

الخبرة الأكاديمية والتدريس:

محاضر في كلية المنصور الجامعة / قسم تقنيات الحاسوب

تدريسي في كلية الهندسة الجامعة المستنصرية قسم الهندسة الكهربائية من عام 2005

المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات العليا
1- الكترونيك رقمي 2- الكترونيك تماثلي 3- شبكات حاسبات 4- مختبر الكترونيك 5- مختبر مايكروبروسيسور 6- مختبر اتصالات	

الانتساب المهني او الجمعيات:

- تدريسي في كلية الهندسة الجامعة المستنصرية منذ عام 2005

- 1-Line Detection Using Radon Transform. Journal: Engineering and Technology Journal مجلة الهندسة والتكنولوجيا ISSN: 16816900 24120758 Year: 2010 Volume: 28 Issue: 6 Pages: 1267-1280.
- 2-System Identification of Non –Linear System Using Genetic Algorithm for Development of Active Vibration Control Algorithm. Al-Mansour Journal-Issue (18) -2012-pp.51-72.
- 3-Software Implementation of Hybrid Median Filter. Al-Mansour Journal-Issue (19) -2013-pp.89-109.
- 4- Radiation Mitigation Techniques for Mobile Radio Base Stations. Journal: Engineering and Technology Journal مجلة الهندسة والتكنولوجيا ISSN: 16816900 24120758 Year: 2014 Volume: 32 Issue: 12 Part (A) Engineering Pages: 2937-2948
- 5- Adaptive Antenna Capabilities In GSM Systems Performance Improvement GSM. Journal: Engineering and Technology Journal مجلة الهندسة والتكنولوجيا ISSN: 16816900 24120758 Year: 2015 Volume: 33 Issue: 3 Part (A) Engineering Pages: 548-559.
- 6-Improved Key Frame Extraction Using Discrete Wavelet Transform with Modified Threshold Factor TELKOMNIKA, Vol.16, No.2, April 2018, pp. 567~572, ISSN: 1693-6930, accredited A by DIKTI, Decree No: 58/DIKTI/Kep/2013, DOI: 10.12928/TELKOMNIKA.v16i2.7692
- 7-An Efficient Feature Extraction of Isolated Word for Dynamic Sign Language Classification 2018 Third Scientific Conference of Electrical Engineering (SCEE), University of Technology – Iraq 978-1-7281-1587-0/18/\$31.00 ©2018 IEEE, Pages: 305-309 .
- 8- Key frame extraction using hybrid algorithm of dynamic sign language, Indonesian Journal of Electrical Engineering and Computer Science Vol. 13, No. 1, January 2019, pp. 186~190,ISSN: 2502-4752, DOI: 10.11591/ijeecs.v13.il.pp186-190
- 9- Feature Extraction of Dynamic Sign Language Based on DCT ,
Iraqi Journal of Computers, Communications, Control & Systems Engineering (IJCCCE), Vol. 20, No. 2, April 2020
- 10-Accurate hand gestures recognition through plastic barrier based on Doppler frequency using latent Dirichlet allocation classifier
4th International Iraqi Conference on Engineering Technology and Their Applications, IICETA 2021, 2021, pp. 27–32

11-Hybrid Ciphering and Frequency Domain Scrambling for Secure Speech Transmission through MIMO-OFDM System, International Journal of Intelligent Engineering and Systems, 2022, 15(6), pp. 563–575 \

12-Study the Effect of Dielectric Permittivity and Changing Substrates Material on Microstrip Patch Antenna, 2022 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA), 9-11 June 2022
DOI: 10.1109/HORA55278.2022

13- Factors controlling cell coverage in cellular networks, AIP Conf. Proc. 2804, 020031 (2023) <https://doi.org/10.1063/5.0154511>

• كتاب التعليم الإلكتروني وتداعيات كوفيد 19
تطوير المهارات:

• الأشتراك في العديد من ورش العمل والأشتراك في المؤتمر العلمي في الجامعة التكنولوجية عام 2018.

توقيع معاون العميد

الأستاذ المساعد الدكتور
عائض محمد الجبوري
تعاون التقنية للشؤون العامة

توقيع رئيس القسم

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