



# HAMID ALI A. AL-ASADI

HEAD OF COMMUNICATIONS ENGINEERING DEPARTMENT,  
IRAQ UNIVERSITY COLLEGE



## About Me

**Date of Birth:** 5th March 1965

**Nationality:** Iraqi

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**Place of Birth:** Basra

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## EDUCATION

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### PhD

University Putra Malaysia (UPM); Malaysia, Communication and  
Computer Engineering 2010

### MS

University Name, University of Basra, Basra, Iraq, Communication  
and networks engineering 1995

### BS

University of Basra, Basra, Iraq, Electrical Engineering 1989

## EXPERIENCE

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**Computer Unit, EF, Basrah University, Basrah, Iraq 1989 to 1992**  
**Computer Service Engineer**

**EF, Basrah University, Basrah, Iraq 1999 to 2001**  
**Head of computer unit**

**Department of Computer & Communication system, Faculty of  
Engineering, University Putra Malaysia, Malaysia 2007 to 2011**

### Ph.D. Student

**CSD, FE, Basrah University, Basrah, Iraq 2012 to 2017**  
**Head of Department**

**Communication Engineering Department, Iraq University College,  
Basrah, Iraq, Head of Department 2018 to currently**



## TEACHING EXPERIENCE

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<b>MD, EF, Basrah University, Basrah, Iraq</b> <b>Assistant Lecturer (Teaching)</b>	1996 to 1998
<b>MD, EF, Basrah University, Basrah, Iraq</b> <b>Lecturer (Teaching)</b>	1999 to 2001
<b>CSD, EF, Basrah University, Basrah, Iraq</b> <b>Assistant professor (Teaching)</b>	2002 to 2007
<b>CCED, EF, UPM, Basrah, Iraq</b> <b>Assistant professor (Teaching)</b>	2002 to 2007
<b>Communication Engineering Department, Iraq University College, Basrah, Iraq</b> <b>professor (Teaching)</b>	2018 to currently

## PUBLICATIONS

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### *Books*

Object-Oriented Programming in Java, 2016.

Swarm Intelligence: Foundations, Models and Applications, 2016.

Handbook of swarm intelligence: algorithms and applications, 2017.

The efficiency of artificial neural networks in Diagnosis of diabetes, 2017.

Privacy and Security Challenges in Cloud Computing, A Holistic Approach, Book Chapter, Taylor & Francis: Routledge and CRC Press, 2021.

A Novel and Enhanced Routing Protocol for Large Scale Disruption Tolerant Mobile Ad hoc Networks, Lecture Notes in Electrical Engineering (LNEE), Scopus, Springer.(Under Review- Book Chapter), 2021.

Intelligent Internet of Things for Smart Healthcare Systems, Scopus, Taylor @Francis, (Under Review- Book Chapter). 2022,



### ***Journal Publications***

Temperature dependence of the lasing characteristics of vertical cavity surface emitting lasers," Engineering Journal of Technology University, Vol. 145, 1994.

Recognition of multi-fonts Arabic texts using freeman chain and Viterbi algorithm," Science Journal, Vol. 5, No. 1, 1999.

Temperature dependence of the noise characteristics of Multiisecion semiconductor lasers," Science Journal, vol. 7, No. 3,2001.

Linewidth characteristics of vertical cavity surface emitting lasers due to external optical feedback," Science Journal, vol. 8, 2001.

Influence of facet reflection on the performance of Vertical Cavity Semiconductor Optical Amplifiers," Tikrit Journal for Pure science, vol. 8, No. 2, 2002.

Theoretical investigation of spectral linewidth properties of double fused 1.3 um MQW-VCA in reflection and transition modes," Tikrit Journal for Pure Science, vol. 8, No. 2. 2002.

Vertical cavity amplifiers and its cavity length dependence the saturation power and quantum efficiency," Tikrit Journal of Pure Science, vol. 9, No. 2., 2003.

Conductimetric studies of 1:1 monosubstituted salicylic/acid in aqueous solution at 25o C," Science Journal of Chemical, Libya, 2004.

Constraint base Student Modeling (CBSM) in ICAIT," Iraqi Journal of Physics, Vol. 6., 2005.

Fuzzy Logic Approach to Recognition of Isolated Arabic Characters." International Journal of Computer Theory and Engineering (IJCTE), Vol. 2, No. 1., 2010.

Effects of pump recycling technique on stimulated Brillouin scattering threshold: A theoretical model," Optics. Express, Vol. 18, No. 21, pp. 22339-22347 Impact factor: 3.88, Scopus. 2010.

Brillouin Linewidth Characterization in Single Mode Large Effective Area Fiber through the Co-Pumped Technique," International Journal of Electronics, Computer and Communications Technologies (IJECCT), Vol. 1(1), pp. 16-20. 2010.

Particle swarm optimization on threshold exponential gain of stimulated Brillouin scattering in single mode fibers," Optics. Express, Vol. 19, No. 3, pp. 1842-1853. Impact factor: 3.88, Scopus. 2011.



Analytical study of nonlinear phase shift through stimulated Brillouin scattering in single mode fibre with pump power recycling technique,” Volume 13 Number 10, Journal of Optics. Impact factor: 1.99, Scopus. 2011.

Analytical analysis of second-order Stokes wave in Brillouin ring fiber laser,” Optics Express, Vol. 19, No. 25, pp. 25741- 25748. Impact factor: 3.88, Scopus. 2011.

Architectural Analysis of Multi-Agents Educational Model in Web-Learning Environments," Journal of Emerging Trends in Computing and Information Sciences, Vol. 3, No. 6, June 2012.

An efficient Technique for off-line Isolated Arabic Alphabetic Recognition of handwritten Data-Entry," Journal of the college of basic education, Vol. 19, No. 78., 2013.

Reduction of the Nonlinear Phase Shift Induced by Stimulated Brillouin Scattering for Bi-Directional Pumping Configuration System Using Particle Swarm Optimization Algorithm," The Journal of the European Optical Society – Rapid Publications, Vol 8, pp.13012(1-6), impact factor is 1.044, Scopus. 2013.

Simplifying Handwritten Characters Recognition Using a Particle Swarm Optimization Approach,” EUROPEAN ACADEMIC RESEARCH, Vol 1, pp. 535- 552, Issue(5), 5 Aug.2013, impact factor is 0.485 (GIF). 2013.

Maximizing the Output Power for Brillouin Fiber Laser by Particle Swarm Optimization Modeling," Lasers in Engineering Journal., Vol. 29, Issue 5-6, pp. 327-338, 2014. Impact factor is 0.47, Scopus, 2014.

Experimental evaluation and theoretical investigations of fiber Raman amplifiers and its gain optimization based on single forward pump. Journal of Laser Applications, 24(4), 042002, Scopus.2014.

Nonlinear Phase Shift due to Stimulated Brillouin Scattering in Strong Saturation Regime for Different Types of Fibers. Journal of Optical Communications (JOC), Vol. 36, Issue 3, Pages 211–216, 2014. 2014.

A Convergence Analysis of Metaheuristics Algorithms PSO-ACO and its Application to characters Recognition. Vol. 158, Issue. 10 of SYLWAN journal, (ISSN: 0039-7660), 2014.

Object recognition in Image Using Hybrid (DRA-CSO) Architecture, Vol. 4 , Issue. 02 , Feb. 2015 of International Journal of Engineering Research & Technology (IJERT), 2015.



High Accuracy Arabic Handwritten Characters Recognition using (EBPANN) Architecture, International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 6 Issue 2, 2015. 2015.

New hybrid SVMs-BCOA Architecture for Iraqi Vehicles License Plate Recognition, European Journal of Computer Science and Information Technology, Vol.3, No.1, pp.73-86. APS Impact Factor: 7.80. 2015.

New Hybrid (SVMs-CSOA) Architecture for classifying Electrocardiograms Signals, International Journal of Advanced Research in Artificial Intelligence (IJARAI), Vol. 4, No. 5. .

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A Hybrid Model of MFCC/MSFLA for Speaker Recognition, American Journal of Computer Science and Engineering, Vol. 2, No. 5. Pp: 32-37. 2015.

Object Recognition Using Artificial Fish Swarm Algorithm on Fourier Descriptors, American Journal of Engineering, Technology and Society; Volume 2, Issue 5: pp. 105-110., 2015.

A Proposed Risk Assessment Model For Decision Making In Software Management, Journal of Soft Computing and Decision Support Systems 3:5 (2016) 31-43. 2015.

The Internet of Things Software Architectural Solutions, Australian Journal of Basic and Applied Sciences (AJBAS), 9(933):271-277., 2015.

Fuzzy model for evaluation of selected Diabetes Medical Sites, IJRDO-Journal of Computer Science Engineering, Vol. 2 Issue 1 January 2016.

Cuckoo Search Algorithm and Discrete Wavelet Transform for Iraqi Road Signs Recognition System, The ICSES Journal on Evolutionary and Metaheuristic Algorithms (IJEMA), 2016.

Development of Tacit Knowledge Measurement Model for Academic Staff Activities, American Journal of Computer Science and Information Engineering, Vol.3 , No. 6, Nov. 8, 2016, Page: 37-44, 2016.

A Distributed Clustering Methodology for Connecting Dense Sensor Network Fields, International Journal of Innovative Research in Electronics and Communications (IJIREC) Volume 3, Issue 4, PP 1-6. 2016.

Energy Efficient Hierarchical Clustering Mechanism for Wireless Sensor Network Fields, International Journal of Computer Applications, Vol. 153, Issue 8, PP 42-46. 2016.

Mobile Clustering Algorithm for Effective Clustering in Dense Wireless Sensor Networks, European Journal of Advances in Engineering & Technology (EJAET), Vol. 4, Issue 1, PP. 1-6., 2017.



Integrated Energy Efficient Clustering Strategy for Wireless Sensor Networks, The Journal of Middle East and North Africa Sciences, 3(4), pp. 8-13. 2017.

Hybrid Clustering Methodology using Optical Communication in Wireless Sensor Networks, International Journal on Advanced Science, Engineering and Information Technology Vol. 7, No. 1. 2017.

Highly Competent Distributed Clustering Mechanism for Augmenting Lifetime in Optical Based Wireless Sensor Networks , (Under Review). 2017.

A Study on Optical Fiber Telecommunications, Asian Journal of Applied Science and Technology (AJAST) Volume 1, Issue 2, Pages 219. 2017.

Design Considerations for Optical Communication Systems, A Multidisciplinary Journal of Scientific Research & Education, 3(3), March-2017, Volume: 3, Issue: 3. 2017.

Design of a fiber laser in optical telecommunication systems, Asian Journal of Applied Science and Technology (AJAST), Volume 1, Issue 3, Pages 1-3, April 2017 2017.

Thin Film Nanocomposite Membrane Impregnated with Clay Nanoparticles for Water Desalination, Saudi j. civ. eng.; Vol-1, Iss-1 (Oct-Nov, 2017):24-29. 2017.

Reverse Osmosis Polyamide Thin Film Nanocomposite Membranes for Water Desalination: A Study, International Journal of Advanced Research in Chemical Science (IJARCS) Volume 4, Issue 7, PP 1-7., 2017.

Security Evaluation and Analysis of Threat Models in Authentication Systems, (Under Review). 2018.

Suggested Mechanisms for Understanding the Ideas in Authentication System, International Journal of Advancements in Computing Technology9(3):10-24, Scopus. 2018,

Toward for Strong Authentication Code in Cloud of Internet of Things based on DWT and Steganography, Journal of Theoretical and Applied Information Technology, Vol. 96. No. 10, Scopus. 2018.

Optimization Noise Figure of Fiber Raman Amplifier based on Bat Algorithm in Optical Communication network, International Journal of Engineering & Technology (UAE), Scopus. 2018.

Advanced Oxidation Processes (AOPs) for Wastewater Treatment and Reuse: A Brief Review, Asian Journal of Applied Science and Technology (AJAST), Volume 2, Issue 3, Pages 18-30, July-September. 2018.



Optical Signal to noise ratio Characterization of Ring Cavity Brillouin Fiber Laser, Al-utroha Journal of Engineering Science and Technology, Vol. 7, No. 3, pp, 11-28, 2018. 2018.

A Novel and Enhanced Distributed Clustering Methodology for Large Scale Wireless Sensor Network Fields, Journal of Computational and Theoretical Nanoscience, Volume 16, Number 2, February 2019, pp. 633-638(6), Scopus. 2019.

Stability Multi-Wavelength Fiber Laser Employing Semiconductor Optical Amplifier in Nonlinear Optical Loop Mirror with Different Gain Medium”, SPIE Future Sensing Technologies, 2019, Tokyo, Japan. 2019.

Multiwavelength Fiber Laser Employing Semiconductor Optical Amplifier in Nonlinear Optical Loop Mirror with Polarization Controller and Polarization Maintaining Fiber”, InCAPE2019, (Accepted to publish) 2019.

Characteristics of Multiwavelength Fiber Laser Employing Semiconductor Optical Amplifier in Nonlinear Optical Loop Mirror with Different Length Polarization Maintaining Fiber, InCAPE2019, (Accepted to publish) 2019.

Priority Incorporated Zone Based Distributed Clustering Algorithm For Heterogeneous Wireless Sensor Network, Advances in Science, Technology and Engineering Systems Journal Vol. 4, No. 5, PP. 306-313, Scopus. 2019.

Classification of groundwater quality using artificial neural networks in Safwan and Al-Zubayer in Basra, Al-utroha Journal of Engineering Science and Technology, Vol. 7, No. 3, pp, 11-28. 2019.

A Network Analysis for Finding the Shortest Path in Hospital Information System with GIS and GPS, Journal of Network Computing and Applications (2020) 5: 10-22. 2020.

Enhanced Clustering Algorithm for Efficient Clustering in Wireless Sensor Network, International Journal of Computing and Digital Systems ISSN (2210-142X) Int. J. Com. Dig. Sys. 9, No.4 (July-2020), Scopus. 2020.

Nature Inspired Algorithms multi-objective histogram equalization for Grey image enhancement. Advances in Computer, Signals and Systems 4: 36-46. 2020.

A Critical Comparative Review of Nature-Inspired Optimization Algorithms (NIOAs), International Journal of Simulation Systems, Science & Technology, (under review), Scopus., 2020.

Cryptanalysis and Improvement Mutual Authentication Scheme Based on Smart Card and QR Code for Cloud Computing, Indonesian Journal of Electrical Engineering and Computer Science (under review), Scopus. 2020.



A novel image encryption scheme based on DCT transform and DNA sequence, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 21, No. 3, pp. 1455~1464., 2021.

An Optimal Algorithm for Better Efficiency in Multimedia Application on WSN, Journal of Intelligent and Fuzzy Systems, Scopus, IOS Press, (Under Review). 2021,

### ***Journal Papers Accepted***

Self-Phase Modulation Mitigation in Coherent Optical Communication Systems, International Journal of Microwave and Optical Technology (IJMOT), Department of Electrical and Biomedical Engineering, USA, Scopus. 2021.

### ***Journal Papers in Review***

Secure and High-Quality Framework for Medical Images with RDH and Homomorphic Encryption, journal of supercomputing, 2022.

### ***Conference Papers***

Evaluating Iraqi universities websites based on fuzzy expert system using multiple quality criteria's, Universities ICT Research and Development conference, Basra, Iraq. 2016.

Diabetes Mellitus diagnosis system based on Supervised Learning Back Propagation Neural Networks, Universities ICT Research and Development conference, Basra, Iraq. 2016.

Controlling and Managing System for Electrical Devises Based on Timer via PC, Universities ICT Research and Development conference, Basra, Iraq. 2016.

Satellite Image Enhancement based on ERDAS and MATLAB techniques, Universities ICT Research and Development conference, Basra, Iraq. 2016.

Design Classification System for Satellite Imagery Data and Bands using hybrid techniques, Universities ICT Research and Development conference, Basra, Iraq. 2017.

General domain ontology in enterprise software development process, Universities ICT Research and Development conference, Basra, Iraq. 2017.





A Novel Scan2Pass Architecture for Enhancing Security towards E-Commerce, Future Technologies Conference 2017, 29-30 November 2017 | Vancouver, BC, Canada.2017.

Design and Implementation of Challenge-Response Protocol for Enhanced E-Commerce Security, Future Technologies Conference (FTC) 6-7 September. 2018.

Ultra-Wideband Communication System for Orthopedic Surgical Maneuver, The 6th International Conference on Computer Science and Computational Mathematics, Langkawi, Kedah Darul Aman, Malaysia. 2017.

Stability of Multiwavelength Fiber Laser Employing Semiconductor Optical Amplifier in Nonlinear Optical Loop Mirror with Polarization Maintaining Fiber, SPIE Future Sensing Technologies, , Tokyo, Japan, Vol. 11197, 1119716, Scopus, conference., 2019.

An Efficient and Secure Scheme for Dynamic Shared Data in Cloud, CSAE 2019: Proceedings of the 3rd International Conference on Computer Science and Application Engineering, Article No.: 155 Pages 1–6<https://doi.org/10.1145/3331453.3361648>, Scoops, Conference. 2019.

An Efficient and Secure Scheme for Dynamic Shared Data in Cloud, CSAE 2019: Proceedings of the 3rd International Conference on Computer Science and Application Engineering, Article No.: 155 Pages 1–6<https://doi.org/10.1145/3331453.3361648>, 2020.

Multi-Factor Authentication for an Administrator's Devices in an IoT Environment, 2nd International Conference on Advances in Cybersecurity (ACeS 2020), CCIS 1347, pp. 27–47, 2021.

## **PATENTS**

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A Lightweight Messaging Method for End to End Smart Device Communication in the Internet of Things Cloud)), Iraq University College, Basrah University, Iraq University College and China National Intellectual Property, No=202010715354.X, 23 July 2020.

AN ARTIFICIAL INTELLIGENCE ROBOTIC BASED SYSTEM IN AGRICULTURE FOR OPTIMIZATION OF IRRIGATION, Iraq University College and Australia Government (IP Australia), No=2021102447, 10 May 2021.

## **PRESENTATIONS AND INVITED LECTURES**

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**Keynote Speaker**, “intelligent optical network,” 2<sup>nd</sup> International Conference on Electrical, Electronics and communication Technology, 26<sup>th</sup> to 27<sup>th</sup> August 2021.



**Workshop**, “Analysis of optical network architecture,” St. Joseph College of Engineering workshop, 2021.

## **PROFESSIONAL TRAINING**

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### **SYMPOSIUM OR WORKSHOP**

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2021 International **Symposium** on Electronics, Communications and Control Engineering, (SECCE 2021), Prague, Czech, 14-16, October, 2021.

2021 12th IEEE Control & System Graduate Research **Colloquium** (ICSGRC 2021) Shah Alam, Malaysia, 7 August 2021 as a virtual / hybrid conference.

2021 **Symposium** on Future Telecommunication Technologies (SOFTT'2021) IEEE Communication Society (ComSOc) Indonesia Chapter & The University Center of Excellence for Advanced Intelligent Communications (AICOMS), Telkom University 6-7, December, 2021.

2nd International **Symposium** on Computer Vision and Machine Intelligence in Medical Image Analysis (ISCM 2021) Organized by Sikkim Manipal Institute of Medical Science in collaboration with Sikkim Manipal Institute of Technology, Sikkim, India 11-12 Nov 2021.

International **Symposium** on Networks, Computers and Communications (ISNCC) Montreal-Canada 16-18, June, 2020.

2020 2nd International **Workshop** on Signal Processing and Machine Learning (WSPML 2020), Kuala Lumpur, Malaysia, 20-22, November 2020.

ISNCC-2020 (2020 International **Symposium** on Networks, Computers and Communications (ISNCC)), Dubai-UAE June, 1-3, 2021.

11th series of IEEE **Symposium** on Computer Applications & Industrial Electronics (ISCAIE 2021), Malaysia, 3rd to 4th April 2021.

2021 IEEE **Symposium** on Industrial Electronics & Applications, Malaysia, 10th to 11th July 2021.

2021 IEEE **Symposium** on Wireless Technology & Applications, Malaysia, 17th August 2021, Virtual Conference **workshop**.

The 4th Smart Cities Symposium - 2021 (SCS'21), Bahrain, 21-23 November 2021.



4th IEEE International Circuits and Systems **Symposium** (ICSyS), (ICSyS2019) , Kuala Lumpur, Malaysia, 18-20 September 2019.

International **Symposium** on Electronics, Communications and Control Engineering, (SECCE 2019), [www.isecce.org](http://www.isecce.org) eju Island, Korea, 15-17, October, 2019.

The 3rd Smart Cities **Symposium** - 2020 (SCS'20), (<https://www.3rd-smartcities-2020.com/>), University of Bahrain, Bahrain, In Collaboration with The Institution of Engineering and Technology, UK, 12-14, April, 2020.

The 2020 6th International **Symposium** on Mechatronics and Industrial Informatics, (ISMII 2020), <http://www.ismii.org/> Sanya, China 10-12, January, 2020.

International **Colloquium** on Sport Science, Exercise, Engineering and Technology, (ICoSSEET 2020), <https://icosseet.site/>, Malaysia, 20 – 21 July, 2020.

The Ninth International **Symposium** on Information and Communication Technology, (SoICT 2018), Da Nang City, Viet Nam, December 6 – 7, 2018.

2nd SMART CITIES **Symposium**, Zain - eLearning Center UNIVERSITY OF BAHRAIN, KINGDOM OF BAHRAIN, 24-26 MARCH, 2019.

International **Symposium** on Computer Vision and Machine Intelligence in Medical Image Analysis (ISCMM 2019) Organized by Sikkim Manipal Institute of Medical Science in collaboration with Sikkim Manipal Institute of Technology, Sikkim, India February 26 - 27 , 2019.

2019 IEEE **Symposium** on Computer Applications & Industrial Electronics, (ISCAIE 2019), Kota Kinabalu, Malaysia, 27th to 28th of April, 2019.

The 6th International **Symposium** on Networks, Computers and Communications, (ISNCC'19), Istanbul, Turkey, 18-20 June, 2019.

6th International **Workshop** on Mobile Applications, (MobiApps 2019), Istanbul, Turkey, 26-28<sup>th</sup>, August, 2019.



## CONFERENCES

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The 2021 International **Conference** on Decision Aid Sciences and Application, (DASA2021), Kingdom of Bahrain, 2021.

The 5th International Conference on Emerging Data and Industry 4.0, (EDI40 2022), Porto, Portugal, 2022.

10th World Conference on Information Systems and Technologies, (WorldCist'22), WorldCIST'22 - 10th World Conference on Information Systems and Technologies - Home, Budva, Montenegro, 2022.

9th European Conference on Social Media, (ECSM2022), ECSM • Academic Conferences International (academic-conferences.org), Krakow, Poland, 2022.

7th International Conference on Circuits and Systems, (CIRSY 2021), Dubai, UAE, 2021.

5th International Conference on Electrical & Computer Engineering, (E&C 2021), UAE, 2021.

8th International Conference on Artificial Intelligence and Applications, (AIFU 2022), <https://ccsea2022.org/aifu/index> Sydney, Australia, 2022.

11th International Conference on Communications, Circuits and Systems, (ICCCAS 2022), [www.icccas.org](http://www.icccas.org), Singapore, 2022.

3rd International Conference on Big Data and Blockchain, (BDAB 2022), <https://acsty2022.org/bdab/index>, Zurich, Switzerland. 2022.

17th International Conference on Cyber Warfare and Security, (ICCWS 2022), ICCWS • Academic Conferences International (academic-conferences.org) New York, U.S.A, 2022.

5th International Conference on Electrical, Electronic, Communication and Control Engineering, (ICEECC 2021), ICEECC2021 – Double Tree by Hilton, Johor Malaysia . 15th -16th December 2021 (utm.my), Malaysia, 2021.

2nd International Conference on Data Science and Cloud Computing, (DSCC 2021), <https://cse2021.org/dscc/index> Sydney, Australia, 2021.

The 2021 IEEE Middle East & North Africa COMMunications Conference, (MENACOMM 2021), [menacomm2021.ieee-menacomm.org](http://menacomm2021.ieee-menacomm.org), Morocco, 2021.

12th International Conference on Computer Science, Engineering and Applications, (CCSEA 2022), <https://ccsea2022.org/> Sydney, Australia, 2022.



7rd International Conference on Networks, Communications, Wireless and Mobile Computing, (NCWMC- 2022), <https://ccsit2022.org/ncwmc/index> London, United Kingdom, 2022.

9th International Conference on Islamic Applications in Computer Science and Technologies, (IMAN 2021), International Conference on Islamic Applications in Computer Science and Technologies IMAN (dsr.edu.my), Iran, 2021.

2021 IEEE Asia-Pacific Conference on Geoscience, Electronics and Remote Sensing Technology, (AGERS), IEEE ASIA GEOSCIENCE ELECTRONICS REMOTE SENSING (agers.net), Indonesia, 2021.

International Conference on Computer Science, Information Technology, and Electrical Engineering, [ICOMITEE 2021], <https://icomitee.org/> , Indonesia, 2021.

The 2022 International Conference on Information Technology & Systems, [ICITS'22], ICITS'22 - The 2022 International Conference on Information Technology & Systems - Home, Costa Rica, 2022.

International Conference on Augmented Intelligence and Sustainable Systems, (ICAISS-2022), ICAISS 2022, Trichy, India, 2022.

6th International Conference on Mechanical Engineering, (ME 2021), <https://csty2021.org/me/index>, Dubai, UAE, 2021.

9th International Conference on Signal and Image Processing, (SIGL 2022), <https://cosit2022.org/sigl/index> Vancouver, Canada, 2022.

11th International Conference on Cloud Computing: Services and Architecture., (CLOUD 2022), <https://ccsea2022.org/cloud/index>, Sydney, Australia, 2022.

7th International Conference on Fuzzy Logic Systems, (Fuzzy 2021), <https://csea2021.org/fuzzy/index>, London, United Kingdom, 2021.

8th International Conference on Software Engineering, (SEC 2022), <https://cosit2022.org/sec/index>, Vancouver, Canada, 2022.

11th International Conference on Embedded Systems and Applications, (EMSA 2022), <https://ccsea2022.org/emsas/index>, Sydney, Australia, 2022.

2021 - 28th INTERNATIONAL CONFERENCE ON SYSTEMS ENGINEERING, (ICSEng DSA 2021), <https://icseng.pwr.edu.pl> , Wrocław, Poland, 2021.

7th International Conference on Computer Science, Engineering and Applications, (CSEA 2021), London, United Kingdom, 2021.



2021 IEEE International Conference on Aerospace Electronics and Remote Sensing Technology, (ICARES 2021), ICARES 2021 – The Indonesia GRS/AES Joint Chapter (ieee.org) BALI-INDONESIA. 2021.

8th International Conference on Networks & Communications, (NCOM 2022), <https://ccsea2022.org/ncom/index>, Sydney, Australia, 2022.

The International Conference on Sustainability and Resilience, (SRC'21), The 3rd Sustainability and Resilience Conference: Climate Change – November 15-16, 2021, Online (uob.edu.bh) , Bahrain, 2021.

8th International Conference on Computer Science and Engineering, (CSEN-2021), 8th International Conference on Computer Science and Engineering (CSEN 2021), Dubai, UAE, 2021.

2022 Global Conference Congress on Communications, Computing and Energy Technologies, (GC-Technology 2022), GC-Technology 2022 - MIC-CommUNets 2022 - Conferences - Mosharaka for Research and Studies, ZU, Zarqa, Jordan, 2022.

9th European Conference on Social Media, (ECSM 2022), ECSM • Academic Conferences International (academic-conferences.org), Pedagogical University of Krakow, Poland, 2022.

International Conference on Data Science and Applications, (DSA 2021), <https://cndc2021.org/dsa/index> Dubai, UAE, 2021.

8th International Conference on Foundations of Computer Science & Technology, (CST 2021), <https://cst2021.org/index>, Sydney, Australia, 2021.

2nd International Conference on Networks & IOT, (NeTIOT 2021), <https://cst2021.org/netiot/index> , Sydney, Australia, 2021.

7th International Conference on Software Security, (ICSS 2021), <https://cndc2021.org/icss/index>, Dubai, UAE, 2021.

4th International Conference On Smart Systems And Inventive Technology, ICSSIT 2022), <http://icssit.com/2022/index.html>, India, 2022.

International Conference on Data Analytics for Business and Industry: Way Towards a Sustainable Economy), (DATA'21), <http://data21.uob.edu.bh/>, UNIVERSITY OF BAHRAIN, 2021.

8th International Conference on Artificial Intelligence & Applications, (ARIA 2021), <https://cst2021.org/aria/index> Sydney, Australia, 2021.



11th International Conference on Digital Image Processing and Pattern Recognition, (DPPR 2021), <https://cndc2021.org/dppr/index>, Dubai, UAE, 2021.



**Head of Communications Engineering Department, Iraq University college, Istqlal Street, Basra, 61004, Iraq**

**Computer Science Department, Basra University, Basra, 61004, Iraq**



2021 International Conference on Computer Science and Software Engineering, (CSASE), CSASE – CSASE (uod.ac) University of Duhok, Duhok – Kurdistan Region – Iraq, 2021.

2nd International Conference on Big Data, Machine Learning and IoT, (BMLI 2021), <https://inwes2021.org/bmli/index>, Chennai, India, 2021.

4th International Conference on Biomedical Engineering and Science, (BIOEN 2021), <https://ccnet2021.org/bioen/index>, Dubai, UAE, 2021.

9th International Conference of Artificial Intelligence and Fuzzy Logic, (AI & FL 2021), <https://cse2021.org/aifl/index>, Sydney, Australia, 2021.

## **LANGUAGES**

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**Arabic:** Native Language

**English:** Intermediate Listener, Novice Speaker, Advanced Reading and Writing

## **OTHER**

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*I am a member of scientific and reviewing committees of many international journals and conferences in the domains of Computer and communications engineering.*

- *International journal Editor-in-Chief positions: 31*
- *International journal Editorial and Reviewer positions: 238*
- *International conference Editorial and Reviewer positions: 995*



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