

Wathiq Mansoor

**Academic Leader, Strategic Planner, Innovator,
Entrepreneur**

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Australian Citizen



EDUCATION

Ph.D., Computer Engineering, Aston University, UK

M.S c., Electronic Engineering, University of

Technology, Iraq B.Sc., Electrical

Engineering, University of Baghdad, Iraq

PROFESSIONAL EXPERIENCE

2016-present Professor, Dean of Engineering &IT College, and Director of Entrepreneurship and Innovation Free Zone, University of Dubai, UAE

2006-2016: Professor and Director of Center of Research and Education, American University in Dubai, UAE.

2000-2006: Associate Professor, College of Technological Innovations Zayed University, UAE.

1999-2000: Assistant Professor, Computer Science Department, Bahrain University, Bahrain.

1998-1999: Assistant Professor, Computer Engineering Department, Sharjah University, UAE.

1997-1998: Senior Software Engineer, Applied Voice Technologies, Australia.

1995-1997: Lecturer, Western Sydney University, Australia.

1990-1995: Assistant Professor, Yarmouk

University, Jordan. 1986-1990:Researcher,

Aston University, UK

EXPERTISE IN THE FOLLOWING

Universities Structures and Operations, Development of New Academic Programs, Managing people

based on performance, innovation, and retention, Universities Research Infrastructure.

TEACHING EXPERIENCE

Software Engineering, Mobile Computing, Networking Programming, Networking, Network Security, Multimedia, Object Oriented Analysis and Design, Programming Courses, Data Structures, Database Systems, Project Management, Research Methods, Parallel Computing, Artificial Intelligence, Microprocessors, Computer Architecture, Digital System Design, Embedded Systems, Bio-Medical Devices, Neural Networks, Digital Signal Processing

Thesis Supervision

The supervision of many Ph.D. and undergraduate projects in the field of Computer engineering and innovation in business. In addition to co-supervise many postgraduate students through research collaboration with international research groups.

CURRENT RESEARCH INTEREST

Intelligent Systems, Deep Learning, Image processing, Security, Innovation in Business and Technologies, Cloud Computing, Mobile Applications, Context Aware Systems, Big Data, Robotics, Embedded Systems, Wireless Networks, Networking, Web Services

SUMMARY OF ACHIEVEMENTS

- Development of Huawei AI lab 2020.
- Development of Innovation and Entrepreneurship center 2020.
- Working on University of Dubai Re-Licensure 2019.
- 2018-2020: Successful Supervision of 5 Ph. D. students in the field of innovation in business.
- Development of Two research labs, Mohamad Bin Rashid Space Center Lab and DESC Lab2018.
- Development of new engineering programs at University of Dubai 2016-2021.
- Senior Consultant at University of Dubai in fields of Innovations in Business and Technologies supporting Industries in Innovation and Patents road-map
- Judging Committee member for Drones for Good 2016-2017. (<http://bit.ly/1KBGnSL>)
- Research Scholar at Stanford University in the field of Intelligent Mobile Systems for Medical Applications Summer 2015.
- Research Scholar at UC Berkley in the field of Smart Cities2014.
- Development of the ABET Accredited Computer Engineering Program at American University in Dubai, 2008 and 2014.
- Establishment of Center of Research and Education for Smart Technologies at AUD, since 2010. (<http://bit.ly/1KE3fSs>)
- Development of the Information Systems Curriculum at Zayed University, 2002
- Development of the Computer Engineering Curriculum at Sharjah University, 1998
- IEEE Executive member UAE section
- Steering Committee member of the Middle East Conference on Biomedical Engineering, MECBME. Next Conference will be in Turkey 2016

- Steering Committee Member of the National Mobile Contest held every year (<http://bit.ly/1Owgjzi>)² process of establishing a Semantic Interoperability study group within ITU.
- IBM Faculty Award 2009 (<http://ibm.co/1L8q1rb>)
- Engineering Letters Editorial board member(<http://bit.ly/1iyf6f2>)² Organizing several international Conferences and Workshops.
- Publishing many conferences and workshop proceedings, Books, Book Chapter, Journals, and Referred Conference papers.

ACADEMIC LEADERSHIP EXPERIENCE

- Development of Universities Hierarchical Systems
- Development of new programs in engineering.
- Academic experience in various prestigious universities.
- A vision toward research and innovation in higher education.
- Extensive research records, even while in teaching institutions.
- Proven ability to attract funding from industry, to develop and manage a team to complete funded projects.
- Proven ability to manage and work with colleagues of varying status and cultural backgrounds.
- Observable strategic planning skills, including the assessing and transforming of curricular programs, teaching methods and tools, and improving processes to run more efficiently.
- The development of research center for smart technologies (CREST) 2012, which included collaborating with industry through joint research projects that are industry driven, providing advanced training to the professionals to enhance their technical skills, and to provide smart software solutions to the business and the industry in UAE.

Awards

Award	Value	Awarder	Year	Role
Research Grant 2022 "Performance Evaluation of Lunar Rashid Rover Communication System,"	AED 350 K	University of Dubai Internal	2022	CO-PI
Research Grant 2022 RSSI Based Navigation in Indoor Positioning for Critical Applications	AED 350 K	University of Dubai Internal	2022	CO-PI
Research Grant 2022 Robotics and Autonomous Vehicles	AED 350 K	University of Dubai Internal	2022	CO-PI
1st Place in Self-Driving Transport Challenge for Local Academia	\$200,000	Roads and Transport Authority (RTA)	2019	PI
Research Grant Dubai Electronic Security Center	AED350,000	Dubai Electronics Security Center (DESC)	2018-2020	PI

Mohammed Bin Rashid Space Center (MBRSC) Research Lab at University of Dubai	AED 2.5 Mil per year	Mohammed Bin Rashid Space Center (MBRSC)	2018-Present	Co-PI
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PUBLICATIONS AND PRESENTATIONS

Patents:

Patent No. PCT/IB2020/055839 for “Secured and Robust Wireless Communication System for Low-Latency Applications” in the name of DESC (Dubai Electronic Security Center) approved by The United States Patent and Trademark Office. **2020**

https://patentscope.wipo.int/search/en/detail.jsf?docId=US311737734&_cid=P12-L91CGI-73720-1

Books and Books Editing:

E-Healthcare Systems and Wireless Communications: Current and Future Challenges, IGI, 2012.
Editorial Board member

Web-Based Information Technologies & Distributed Systems, Atlantis Press, publication June 2010.
(<http://bit.ly/1Vb8wLE>)

Mansoor, Wathiq M. "Parallel implementation of image segmentation algorithms on a network of transputers." PhD dissertation, Aston University, 1990.

Journals Editing:

Guest Editor for the Journal of Ambient Intelligence and Smart Environments -1 (2021) 1–2, 2021
Guest Editor for the Journal of Pervasive Computing and Communications, Special Issue on Managing
Context Information in Mobile and Pervasive Environments. Vol. 2, Issue 4, 2007

Journals, Papers, and Book Chapter References:

Jamalian, Mohadese, Hamed Vahdat-Nejad, Wathiq Mansoor, Abigail Copiaco, and Hamideh Hajiabadi. **2023**.
"Analyzing the Effect of COVID-19 on Education by Processing Users' Sentiments" *Big Data and Cognitive
Computing* 7, no. 1: 28. <https://doi.org/10.3390/bdcc7010028>

A Copiaco, Y Himeur, A Amira, W Mansoor, F Fadli, S Atalla, SS Sohail **2023** ,"An innovative deep
anomaly detection of building energy consumption using energy time-series images," *Engineering
Applications of Artificial Intelligence* 119, 105775

H Vahdat-Nejad, T Mohammadi, W Mansoor **2023**,"CATMI: Context-Aware Traffic Management at Autonomous
Un-Signalized Intersections", *International Journal of Intelligent Transportation Systems Research*, 1-14

Alavikunhu Panthakkan Anzar S M, Sangeetha Jamal, Kakkanad, Kochi, Wathiq Mansoor
"Concatenated Xception-ResNet50 - A novel hybrid approach for accurate skin cancer prediction",
Computers in Biology and Medicine, **2022**, 106170, ISSN 0010-4825,
<https://doi.org/10.1016/j.combiomed.2022.106170>.
(<https://www.sciencedirect.com/science/article/pii/S0010482522008782>)

Vahdat-Nejad, Hamed, Wathiq Mansoor, Sajedeh Abbasi, Mahdi Hajiabadi, Fatemeh Salmani, Faezeh
Azizi, Reyhane Mosafer, Mohadese Jamalian, and Hadi Khosravi-Farsani. **2022**. "Impact of the Internet
of Things on Psychology: A Survey" *Smart Cities* 5, no. 3: 1193-1207.
<https://doi.org/10.3390/smartcities5030060>

Deepa Deepa, Yashbir Singh, Wathiq Mansoor, Weichih Hu, Rahul Paul and Gunnar E. Carlsson5,"
Comparative study of left atrium epicardial fat tissue pattern using persistent homology approach",
BMC Research Notes (**2022**) 15:299 <https://doi.org/10.1186/s13104-022-06173-2>

Haggag S., Elnakib A., Sharafeldeen A., Elsharkawy M., Khalifa F., Farag R., Mohamed M., Sndhu H.,
Mansoor W., Sewelam A., El-Baz A (**2022**)., A Computer-Aided Diagnostic System for Diabetic
Retinopathy Based on Local and Global Extracted Features, *Applied Sciences*, Vol. 12, Issue 16, 2022.
<https://www.mdpi.com/2076-3417/12/16/8326>

Vahdat-Nejad H, Azizi F, Hajiabadi M, Salmani F, Abbasi S, Jamalian M, et al . arge-Scale Twitter Mining
for Extracting the Psychological Impacts of COVID-19. *itrc*. **2022**; 14 (2) :23-31
URL: <http://ijict.itrc.ac.ir/article-1-516-en.html>

Kaur, D., Singh, S., Mansoor, W., Kumar, Y., Verma, S., Dash, S. and Koul, A., 2022. Computational
intelligence and metaheuristic techniques for brain tumor detection through IoMT-enabled MRI
devices. *Wireless Communications and Mobile Computing*, **2022**, pp.1-20.

Daradkeh, Mohammad, Laith Abualigah, Shadi Atalla, and Wathiq Mansoor. **2022**. "Scientometric Analysis and Classification of Research Using Convolutional Neural Networks: A Case Study in Data Science and Analytics" *Electronics* 11, no. 13: 2066. <https://doi.org/10.3390/electronics11132066>

Khandhar, H.M., Bhatt, C., Le, DN., Sharaf, H., Mansoor, W. (2022). Plant Disease Identification Based on Leaf Images Using Deep Learning. In: Chowdary, P.S.R., Anguera, J., Satapathy, S.C., Bhateja, V. (eds) *Evolution in Signal Processing and Telecommunication Networks. Lecture Notes in Electrical Engineering*, vol 839. Springer, Singapore. https://doi.org/10.1007/978-981-16-8554-5_21

Nasir, M.U., Zubair, M., Ghazal, T.M., Khan, M.F., Ahmad, M., Rahman, A.U., Hamadi, H.A., Khan, M.A. and Mansoor, W., **2022**. Kidney cancer prediction empowered with blockchain security using transfer learning. *Sensors*, 22(19), p.7483.

Atalla, S., Amin, S. A., Manoj Kumar, M. V., Sastry, N., Mansoor, W., & Rao, A. (2022). Autonomous Tool for Monitoring Multi-Morbidity Health Conditions in UAE and India. *Frontiers in artificial intelligence*, 5, 865792. <https://doi.org/10.3389/frai.2022.865792>

Kaur, D., Singh, S., Mansoor, W., Kumar, Y., Verma, S., Dash, S. and Koul, A., **2022**. Computational Intelligence and Metaheuristic Techniques for Brain Tumor Detection through IoMT-Enabled MRI Devices. *Wireless Communications and Mobile Computing*, 2022.

Daradkeh, M., Gawanmeh, A., & Mansoor, W. (2022). Information adoption patterns and online knowledge payment behavior: The moderating role of product type. *Information*, 13(9), 414.

Muhammad Umar Nasir, Muhammad Zubair, Taher M. Ghazal, Muhammad Farhan Khan, Munir Ahmad, Atta-ur Rahman, Hussam Al Hamadi, Muhammad Adnan Khan, Wathiq Mansoor, IOT-Based Kidney Cancer Prediction Empowered with Blockchain Security Using Transfer Learning, submitted to MDPI Sensors September **2022**.

Almuraqab, Nasser A. Saif, and Wathiq Mansoor. "DETERMINING FACTORS THAT INFLUENCE SMARTPHONES PURCHASING INTENTION IN THE UNITED ARAB EMIRATES (UAE): EMPIRICAL RESEARCH." *International Journal of Entrepreneurship* 25 (2021): 1-11..

Alavikunhu Panthakkan, S.M. Anzar, Saeed Al Mansoori, Wathiq Mansoor and Hussain Al Ahmad, "A systematic comparison of transfer learning models for COVID-19 prediction" published in *Intelligent Decision Technologies Journal*, June **2022** (IOS Press, DOI 10.3233/IDT-220017), pages: 1-18-Scopus-Q4

Almuraqab, Nasser A. Saif, Sajjad M. Jasimuddin, and Wathiq Mansoor. "An empirical study of perception of the end-user on the acceptance of smart government service in the UAE." *Journal of Global Information Management (JGIM)* 29, no. 6 (2021): 1-29..

Abdulmunem Alshehhi, Prof, Wathiq Mansoor, Ms Ameena Alshehhi, Hamad AlMulla, and Ms Dahlia Mansoor. "Impact of Artificial intelligence on Online Learning During COVID-19: A Framework." *Psychology and Education* 58, no. 2 (2021): 9581-9587.

G Kbar, W Mansoor, "Modified RSA Using Triple Keys Based Encryption/Decryption", *Jordan Journal of Electrical Engineering*, **2021**.

Mansoor, Wathiq, and Vijayakumar Varadarajan. "Trustworthy computing for secure smart cities." *Journal of Ambient Intelligence and Smart Environments Preprint* (2021): 1-2.

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Ghassan Kbar, Wathiq Mansoor, "Modified RSA using Triple keys based

encryption/decryption" Jordan Journal of Electrical Engineering (JJEE),**2020**.

Sa'ed Abed, Ali Ashkanan, Wathiq Mansoor, Amjad Gawanmeh, " Enhanced SAT Solvers Based Hashing Method for Bitcoin Mining", Advances in Intelligent Systems and Computing,1134, pp. 191-198, **2020**

Lootah, Shamma Essa, Wathiq Mansoor, and Genanew B. Worku. "A CONCEPTUAL EXPLORATION OF FACTORS AFFECTING AGILITY IN ORGANIZATIONS." International Journal of Management (IJM) 11, no. 7 (**2020**).

Ajay Arunachalam; Vinayakumar Ravi; Wathiq Mansoor; Uttam Ghosh; Pradip Kumar Sharma, "Resource

Discovery Approaches in Mobile Peer-to-Peer Networks: Opportunities, Challenges, and Research Directions”, submitted to Springer HCIS, June **2020**.

Gopi R, Sathiyamoorthi V, Selvakumar S, Wathiq Mansoor, Pushpita Chatterjee, Manikandan Ramasamy, NZ Jhanjhi, Ashish Kumar Luhach ,” Enhanced Method of ANN Based Model for Detection of DDoS Attacks on Networks“, submitted to electronics, MDPI, June **2020**.

Siva Shankar G1, Ashokkumar P1, Vinayakumar R2, Uttam Ghosh, Watiq Mansoor, “An Embedded Based Weighted Feature Selection Algorithm for Classifying Web Document”, the journal of Wireless Communications and Mobile Computing, Hindawi Publication, Vol. **2020**, article ID 8879054, <https://doi.org/10.1155.2020/8879054>.

A. Almusaylim, Z.; Alhumam, A.; Mansoor, W.; Chatterjee, P.; Jhanjhi, N.Z. “Detection and Mitigation of RPL Rank and Version Number Attacks”, in Smart Internet of Things. *Preprints* **2020**, 2020070476 (doi: 10.20944/preprints202007.0476.v1)

Amjad Gawanmeha,, Negar Mohammadi-Koushki, Wathiq Mansoor, Hussain Al Ahmad,Ahmad Alomari. "Evaluation of MAC Protocols for Vital Signs Monitoring within Smart Home Environment". Arabian Journal of Science and Engineering, Springer. **2020**

Hamed Vahdat-Nejad, Tahereh Mohammadi, M. Mahdi Nasrabadi, wathiq mansoor, “CATMI: Context-Aware Traffic Management in Unsignalized Intersections”, accepted in IET Intelligent Transport Systems, **2020**.

Wathiq Mansoor, Abdulmunem Al Shehhi, “Organizational Knowledge Systems Drive Entity Performance: An executive Summary”, International Journal of Management and Applied Science, ISSN: 2394-7926, Volume-5, Issue-6, Jun.-**2019**

,Abdulmunem Al Shehhi, Wathiq Mansoor, Hamad Al Mulla ,“Merged of Three IT Companies, Results, and Recommendations”, EconomicsWorld, May.-Jun.**2019**, Vol.6, No.3,111-123 doi: 10.17265/2328-7144/2019.03.001

Sreedharan, S., G. R. Poornima, Meena Nair, Genanew Bekele Worku, Wathiq Mansoor, and Ananth Rao. "Predicting Users' Responses of Public Utility Services-Multivariate and Neural Network Analysis-A Case Study." International Review of Advances in Business, Management and Law 1, no. 1 (**2018**): 13-33. <http://publications.ud.ac.ae/index.php/IRBML/article/view/53/49>

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Farzaneh, F.J. and Mansoor, W., **2017**. The Development of a Strategic Communication Plan in Heavy Transportation Auto Part Manufacturing Factories. Journal of Advanced Management Science Vol, 5(5).

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- Vahdat-Nejad, Hamed, Azam Ramazani, Tahereh Mohammadi, and Wathiq Mansoor. "A survey on context-aware vehicular network applications." *Vehicular Communications* 3 (2016): 43-57.
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- Ghassan Kbar, Wathiq Mansoor, "Implementation of Adaptive Efficient seamless non-broadcast Routing algorithm for Wireless Mesh Network," Submitted to the *Journal of Network Protocols and Algorithms*, January 2015.
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- Peiman Kianmehr, Wathiq Mansoor, "Prediction of Biogas Generation Profiles in Wastewater Treatment Plants Using Neural Networks," *Journal of Clean Energy Technologies* vol. 2, no. 3, pp. 201-205, 2014.
- Ghassan Kbar, Wathiq Mansoor, "Distributed Resources Management in Wireless LAN," Bookchapter in *Selected Readings on Telecommunications and Networking*, Edited By: Jairo Gutierrez, University of Auckland, NZ 2008. (<http://bit.ly/1ML1EQt>)
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- Mansoor, Wathiq, Mohamed Khedr, Djamel Benslimane, Zakaria Maamar, Manfred Hauswirth, Karl Aberer, Kostas Stefanidis, Evaggelia Pitoura, and Panos Vassiliadis. "A context-aware preference database system." *International Journal of Pervasive Computing and Communications* (2007).
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- Zakaria Maamar and Wathiq Mansoor, "Design and Development of a Software Agent-based and Mobile Service- oriented Environment," *e-Service Journal*, Indiana University Press, 2003.
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Al-Nashash, Al-Assaf, Lvov, Mansoor,W, "Classification of Material types using Laser speckle wavelets and

artificial Neural Networks," Materials evolution Journal, Vol. 59/9, pp 1072-1078, September **2001**, Thompasssek.

Mansoor, W. M. and Claridge, E., "2-Dimensional FFT Implementation on a Transputer Network," IASTED Journal of Microcomputer Applications, Vol. 8, No. 1, **1989**, USA.

Papers in refereed conference/workshop proceedings:

- Bousbiat, H., Klemenjak, C., Himeur, Y., Elmenreich, W., Amira, A., Mansoor, W. and Atalla, S., **2022**, December. Neural NILM Learning Paradigms: From Centralised to Decentralised Learning. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 138-142). IEEE.
- Mandal, R., Mondal, M.K., Banerjee, S., Chatterjee, P., Mansoor, W. and Biswas, U., **2022**, December. Design and implementation of an SLA and energy-aware VM placement policy in green cloud computing. In 2022 IEEE Globecom Workshops (GC Wkshps) (pp. 777-782). IEEE.
- Atalla, S., Himeur, Y., Mansoor, W., Amira, A., Fadli, F., Copiaco, A. and Sohail, S.S., **2022**, December. Recommendation System Towards Residential Energy Saving Based on Anomaly Detection. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 169-174). IEEE.
- Al-Saad, M., Aburaed, N., Al Mansoori, S., Mansoor, W. and Al-Ahmad, H., **2022**, December. A Study on Deep Learning Approaches for Mars Weather Forecasting. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 76-79). IEEE.
- Mandal, R., Mondal, M.K., Banerjee, S., Chatterjee, P., Mansoor, W. and Biswas, U., **2022**, December. PbV mSp: A priority-based VM selection policy for VM consolidation in green cloud computing. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 32-37). IEEE.
- Al Marri, A., Jarn, B.B., Mansoor, W., Atalla, S. and Miniaoui, S., **2022**, December. Measuring Employee Productivity Through Copresence Using RFID Within the Workplace. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 129-133). IEEE.
- Parui, S., Samanta, D., Chakravorty, N., Mansoor, W. and Ghosh, U., **2022**, December. A Study on Seizure Detection Performance in an Automated Process by Extracting Entropy Features. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 86-91). IEEE.
- Alshujaa, B., AlNuaimi, F., Mansoor, W. and Atalla, S., **2022**, December. Comparison of Food Calorie Measurement Using Image Processing and Machine Learning Techniques. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 123-128). IEEE.
- Kheddar, H., Himeur, Y., Atalla, S. and Mansoor, W., **2022**, December. An Efficient Model for Horizontal Slicing in 5G Network using Practical Simulations. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 158-163). IEEE.
- El Rai, M.C., Darweesh, M., Al-Saad, M., Mansoor, W. and Al-Ahmad, H., **2022**, October. SemiSegPolyp: Semi-Supervised Polyp Segmentation using Graph Signals. In 2022 29th IEEE International Conference on Electronics, Circuits and Systems (ICECS) (pp. 1-4). IEEE.
- Siddiqui, A.A., Sohail, S.S., Areeb, Q., Mansoor, W. and Nafis, M.T., **2022**, December. Classification of Cumin, Fennel and Carom Using Transfer Learning. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 46-49). IEEE.
- Abbasi, N., Vahdat-Nejad, H., Mansoor, W. and Salmani, F., **2022**, December. Extracting Drug-Related Tweets in COVID-19 Pandemic. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 103-106). IEEE.
- Das, D., Banerjee, S., Chatterjee, P., Ghosh, U., Mansoor, W. and Biswas, U., **2022**, December. Design of an Automated Blockchain-Enabled Vehicle Data Management System. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 22-25). IEEE.
- Panthakkan, A., Valappil, N., Appathil, M., Verma, S., Mansoor, W. and Al-Ahmad, H., **2022**, December.

- Performance Comparison of Credit Card Fraud Detection System using Machine Learning. In 2022 5th International Conference on Signal Processing and Information Security (ICSPIS) (pp. 17-21). IEEE.
- Ali, A., Somroo, N.A., Farooq, U., Asif, M., Akour, I. and Mansoor, W., **2022**, October. Smartphone Security Hardening: Threats to Organizational Security and Risk Mitigation. In 2022 International Conference on Cyber Resilience (ICCR) (pp. 1-12). IEEE.
- Riman Mandal, Manash Mondal, Sourav Banerjee, Pushpita Chatterjee, Wathiq Mansoor, Utpal Biswas, "Design and implementation of an SLA and energy-aware VM placement policy in green cloud computing", accepted in 3rd Workshop on Recent Trends of Internet of Softwarized Things - 5G & B (IEEE IoST-5G&B), . IEEE GLOBCOM, 4-6 December **2022**, Rio de Janeiro, Brazil.
- Jehangir Arshad, Ateeq Ur Rehman, Shiza Gull Niazi, Tariq Rahim Soomro, Deepak Kalra, Wathiq Mansoor and Ateeq Ur Rehman , "A Review on Security Attacks and countermeasure in Home Area Network (HAN)", Presented in ICCR 2022: International Conference on Cyber Resilience, Dubai, UAE, October 6-7, **2022**
- Atif Ali, Nafees Ahmed Somroo, Umer Farooq, Muhammad Asif, Iman Akour and Wathiq Mansoor, "Smartphone Security Hardening: Threats to Organizational Security and Risk Mitigation", Presented in ICCR 2022: International Conference on Cyber Resilience, Dubai, UAE, October 6-7, **2022**.
- Atif Ali, Khushboo Farid Khan Ghouri, Muhammad Saleem, Tariq Rahim Soomro, Wathiq Mansoor and Alaa M. Momani, "Smartphone Security Hardening: Threats to Organizational Security and Risk Mitigation", Presented in ICCR 2022: International Conference on Cyber Resilience, Dubai, UAE, October 6-7, **2022**.
- D. Vidhya, P. Vanathi, W. Mansoor and B. Singh, "Inhibitory effect of trihydroxyisoflavone family for a candidate target MECOM for glioblastoma multiforme," *Advances in Science and Engineering Technology International Conferences (ASET)*, 21-24 Feb. **2022**, pp. 1-4, doi: 10.1109/ASET53988.2022.9734948,
- Hadi, Sabina Abdul, Rida Gadhafi, Zayed Ahmad, Maryam Ahli, Ali Mohammed, Maher AlQassab, and Wathiq Mansoor. "Memristor Based Frequency Switching in Bandpass Filters." In 2021 28th IEEE International Conference on Electronics, Circuits, and Systems (ICECS), pp. 1-5. IEEE. **2021**.
- Gadhafi, Rida, Mahesh Kannath, Husameldin Mukhtar, and Wathiq Mansoor. "An L-Strip Double-Band and Triple-Band Antenna for WiFi, WiMax and 5G Applications." In 2021 IEEE 9th International Conference on Information, Communication and Networks (ICIN), pp. 107-110. IEEE, **2021**.
- El Rai, Marwa, Mina Al-Saad, Muna Darweesh, Saeed Al Mansoori, Hussain Al Ahmad, and Wathiq Mansoor. "Moving Objects Segmentation in Infrared Scene Videos." In 2021 4th International Conference on Signal Processing and Information Security (ICSPIS), pp. 17-20. IEEE, **2021**.
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