



Dr. S.Arockiasamy

Assistant Dean & Executive Director (Innovation Center), Associate Professor

Department of Information Systems...

كلية الاقتصاد والادارة ونظم المعلومات

جامعة نزوى، سلطنة عمان

هاتف: (+968)25446385

محول: 385

البريد الإلكتروني: arockiasamy@unizwa.edu.om

موقع المكتب: H-22-11..

يعمل في الجامعة: منذ 2007

الحالة الاجتماعية: ..

Dr. Arockiasamy is currently an Executive Director of E-Cabinet Center (Innovation) and Assistant Dean for Training and Society Services of College of Economics Management and Information Systems, University of Nizwa, Sultanate of Oman. He is also serving as a member of various Committees at University of Nizwa, such as University Academic Council, Executive Board for Academic Affairs, Institutional Standard Assessment Steering Committee, and Foundation Program Board etc. He is also a Chair of Executive Board and College Board of the College of Economics, Management and Information Systems, University of Nizwa. In total, he has 29+ years of experience in Teaching and Research in India and Sultanate of Oman, which includes 12 years of Teaching and Administrative experience at University of Nizwa. Dr. Arockiasamy obtained his Master's degree from Bharathidasan University, MPhil and PhD in Computer Science from Bharathiar University, India. His main expertise and research interests are in the field of Image Processing and Data Mining. He is also involved in various Research Projects inside and outside Oman. He is a recognized 'PhD supervisor' of several Universities in India and abroad. Three Research Scholars have already completed their PhD in Computer science under his supervision. He has published over 50 Research papers in International / National Journals and conferences to his credit. Dr. Arockiasamy was serving as a Chief Editor of an in-house magazine named "Voice of CEMIS" at University of Nizwa. He has been invited as a keynote speaker in various International / National conferences in India and abroad as well. He is an External Reviewer of various National / International Journals. He has been acting as an External Examiner for evaluating PhD thesis for many Universities in India. Dr. Arockiasamy was a popular writer in a well-established Tamil Newspaper 'Daily Thanthi' for more than 8 years. A full page article on popular computer related topics titled "Computer Jaalam" was published for the benefit of many people. He has written more than 400 articles from March 2004 to December 2010. Dr. Arockiasamy joined the Faculty of University of Nizwa in 2007. Prior to his current position, he worked at a College affiliated to Bharathiar University since 1990. He was a HoD and Director, Department of Computer Science and Applications for 18 years in a reputed institution in India. He was also a Chairman of Computer Society of India, Coimbatore Chapter during the year 2006-07 and also a recipient of Chapter Patron Award for the year 2011 during CSI annual convention. He is also a recipient of a prestigious award, "Best Professor in Information Technology" by Asian Education Leadership Awards on 25th September 2012 at Dubai. This award is for

his contributions in Teaching, Research and Community Services. He is also a recipient of “Distinguished Leader in Science” Award, by Higher Education Leadership Award (HELA), Venus International Foundation on 6th January 2018 at the Hotel Le Meridian, Chennai. Recently, he has received an award, “Fabulous Global Education Leader” by World Education Congress on 4th July, at Hotel TajLand Ends, .Mumbai. This award is for his contributions in the field of Education in different capacity

المؤهلات الأكاديمية

PhD in Computer Science, Bharathiar University, 2007

MPhil in Computer Science, Bharathiar University, 1996

MSc in Computer Science, Bharathidasan University, 1990

أنشطة التدريس

Enterprise resource Planning, Master Thesis, Fall 2017

Systems Analysis and Design, Spring 2024

Introduction to Information Systems, Spring 2024

Special Topics, Spring 2024

الأنشطة البحثية

الاهتمامات البحثية -

E Business Applications

Blockchain Technology

Data Mining

العرض في المؤتمرات -

Assessing audit fees: Turnover, inflation & minimum stipend rate.. International Conference for Management, Social Sciences and Humanities ICMeSH 2021, , Universiti Teknologi Petronas, Borneo Convention Centre, Sarawak, Malaysia, July 2021., 07/07/2021

High Utility Pattern Mining using ULB-Miner, INTERNATIONAL CONFERENCE ON SUSTAINABLE ADVANCED COMPUTING (ICSAC 2021), Springer publications, CHRIST (Deemed to be University), Bangalore, INDIA. , 07/03/2021

An investigation of citizens e-participation within Oman’s police department Facebook page, EAI SmartGov 2020 - 2nd EAI International Conference on Smart Governance for Sustainable Smart Cities, December 2-4, 2020, Portugal, 02/12/2020

Combining of Knowledge based system with Information Technology Project management, 17th International Arab Conference on Information Technology (ACIT 2016), Mouly Slimane University, Beni Mellal, Morocco. , 06/12/2016

Energy - Aware Clustering in Wireless Sensor Network, IEEE International Conference on

المنشورات -

مقال:

- Validating Biometric Pattern Recognition using Tableau: An Empirical Study, International 2023 .1
Journal of Computer Applications (IJCA), Volume 185 – No. 32, August 2023 (ProQuest, EBSCO).
S.M. Emdad Hossain, M. Raisuddin Ahmed, Mohammad Amir, S. Arockiasamy
- MBA: Market Basket Analysis Using Frequent Pattern Mining Techniques', International 2023 .2
Journal on Recent and Innovation Trends in Computing and Communication, Volume 11, Issue 5S,
Pages 15-21. [Scopus indexed] , Sallam Osman Fageeri, Mohammad Abu Kausar, Arockiasamy
Soosaimanickam
- Sentiment Classification based on Machine Learning Approaches in Amazon Product 2023 .3
Reviews', Engineering, Technology & Applied Science Research, Volume 13, Issue 3, Pages
10849-10855, [Scopus and ISI indexed], Mohammad Abu Kausar, Sallam Osman Fageeri,
Arockiasamy Soosaimanickam
- Robo Academic Advisor: Can Chatbots and Artificial Intelligence Replace Human 2023 .4
Interaction?, Journal of Contemporary Educational Technology, December 2023. (Scopus Q1, Web
of Sciences Indexed) , Mohammed Muneerali Thottoli, Badria Hamed Alruqaishi, and Arockiasamy
Soosaimanickam
- Sallam Osman Fageeri, 2022, International Journal of Engineering and Information 2022 .5
Systems (IJEAIS), Vol. 6 Issue 2, February - 2022, Pages:57-65. , Ibtisam Mohammed Humaid Al
Bahri, Arockiasamy Soosaimanickam
- High-Utility Pattern Mining Using ULB-Miner. In: Aurelia, S., Hiremath, S.S., Subramanian, 2022 .6
K., Biswas, S.K. (eds) Sustainable Advanced Computing. Lecture Notes in Electrical Engineering,
vol 840. Springer, Singapore. https://doi.org/10.1007/978-981-16-9012-9_17, Scopus indexed.,
Fageeri, S.O., Hossain, S.M.E., Arockiasamy, S., Al-Salmi, T.Y
- Lie Detection Technique using Video from the Ratio of Change in the Appearance, IJCSNS 2022 .7
International Journal of Computer Science and Network Security, VOL.22 No.7, July 2022. (ISI, Web
of Science), Emdad, S. M. H, Sallam O. F, Arockiasamy S, M. Abu Kausar, Aiman M. S
- A Study of Performance and Comparison of NoSQL Databases: MongoDB, Cassandra, and“ 2022 .8
Redis Using YCSB”, Indian Journal of Science and Technology (2022), Volume 15, Issue 31.
[Indexed Web of Science]., Mohammad Abu Kausar, Arockiasamy Soosaimanickam and
Mohammad Nasar
- Environment based Precision Agriculture, PSYCHOLOGY AND EDUCATION (2021) 58(2): 2021 .9
6157-6163 ISSN: 00333077. , Dr. Rohini. V, Dr. V. B. Kirubanand, Dr. Arokiasamy Soosaimanickam
- Classification of Eye Refractive Error using Classifier-Fusion; International Journal of 2021 .10
Digital Information and Wireless Communications (IJDWC), Vol. 11, No. 3, 2021 (ISI-Indexed
Journal)., Sallam Osman Fageeri, S M Emdad Hossain, Arockiasamy Soosaimanickam
- Public Sentiment Analysis on Twitter Data during COVID-19 Outbreak”, International 2021 .11
Journal of Advanced Computer Science and Applications (IJACSA) (2021), Volume 12, Issue 2.
[Indexed in Scopus, Web of Science]., Mohammad Abu Kausar, Arockiasamy Soosaimanickam and
Mohammad Nasar
- A Proposal to Implement a Blockchain-Based Model to Measure Student`s Performance“ 2020 .12
in Higher Education Institutions in Oman”, International Journal of Engineering and Information
Systems (IJEAIS), ISSN: 2643-640X, Vol. 4 Issue 6, June – 2020, Pages: 1-9., Siham Nasser Al Darei,
Amal Sultan AL Muqrashi, S. Arockiasamy

- An Investigation of Citizen's e-Participation Within Oman's Police Department Facebook" 2020 .13
Page", ICST Institute for Computer Sciences, Social Informatics and Telecommunications
Engineering 2020 Published by Springer Nature Switzerland AG 2020, H. Santos et al. (Eds.):
SmartCity 360 2019, LNICST 323, pp. 236–248, 2020. . Tamanna Dalwai, Menila James, William
Webster, Abdullah Mohammed Alshukaili, and Arockiasamy Soosaimanickam
- Building an Information Systems Model for Traffic Congestion in Muscat City, 2020 .14
International Journal of Advanced Science and Technology, (IJAST), Science & Engineering
Research Support Society, 2020. . Afrah Al Zeidi, Arockiasamy Soosaimanickam
- Integrated Security for Mobile Ad-Hoc Network. International Journal of Engineering and 2019 .15
Information Systems (IJEAIS), 3 (9).. Hossain, S. M. E, Mourad H, Arockiasamy S, Robiul I, Yaqoob R
- Semantic Web Search using Personalized User Preference Graph Clustering Based on 2019 .16
Semantic Information Retrieval, Indonesian Journal of Electrical Engineering and Informatics
(IJEI), Vol. 7, No. 4, December 2019, pp. 1~11. . Princess Maria John, S. Arockiasamy, P. Ranjit
Jeba Thangaiyah
- Adaptable Medical Diagnostic Vessel for Human Body Check-up", International Journal" 2018 .17
of Advancements in Computing Technology (IJACT), Topic:Engineering and Technology, Vol:10,
Iss:1, pp:47-51, 2018-03-31, International Journal of Advancements in Computing Technology
(ISSN: 2005-8039)., South Korea. . Hossain S.M.E , Elshaiekh N. E , Said A. M and Arockiasamy S
- A Comparative Study of the Efficient Data Mining Algorithm to Find the Most Influenced 2018 .18
Factor on Price Variation in Oman Fish Markets", SAKARYA UNIVERSITY JOURNAL OF COMPUTER
AND INFORMATION SCIENCES, VOL. 1, NO. 2, A1, AUGUST 2018., Amal Al Hattali, Arockiasamy
Soosaimanickam
- A Comparative Study of the Efficient Data Mining Algorithm for Forecasting Least Prices 2018 .19
in Oman Fish Markets", International Journal of Applied Engineering Research ISSN 0973-4562
Volume 13, Number 11 (2018), pp. 8751-8758, © Research India Publications.
<http://www.ripublication.com>, Amal Al Mughashi, Arockiasamy Soosaimanickam
- A personalized user preference and feature based semantic information retrieval system 2018 .20
in semantic web search", International Journal Grid and Utility Computing, Topic:Engineering and
Technology, Vol:Vol. 9 , Iss:No. 3, 2018 , pp:256-266, 2018-07-15, Inderscience Publishers, United
Kingdom., Princess Maria John, S. Arockiasamy, P. Ranjith Jeba Thangaiyah
- Analysis of Energy Preservation Technique based on ACR-LEACH and Cyclic LEACH", 2017 .21
International Journal of Information and Communication Technology, Inderscience Publishers, ISSN
online: 1741-8070, Vol. 11, No. 4, 2017.. V. S. Anita Sofia, S. Arockiasamy, P. Ranjit Jeba
Thangaiyah
- Combining of Knowledge based system with Information Technology Project" 2016 .22
management", in the 17th International Arab Conference on Information Technology (ACIT 2016),
6-8, December 2016, at Mouly Slimane University, Beni Mellal, Morocco.. Nour Eldin AlShaiekh,
Arockiasamy Soosaimanickam
- A Conceptual Architectural Framework of Cloud Computing for Higher Educational" 2015 .23
Institutions in the Sultanate of Oman". J. of Emerging trends in Computing and information
Science, Vol. 6, No.8, 2015. Zeyana Al Kindi, John D. Haynes, S Arockiasamy
- Adopting Quadrilateral Arabic Roots in Search Engine of E-library System", International" 2014 .24
Journal of Recent Research in Social Sciences and Humanities (IJRSSH), Vol. 1, Issue 1, pp:
(47-53), Month: April - June 2014, Available at: www.paperpublications.org.. Said Mohammed Al
Rashdi, Arockiasamy
- Development of an Energy Preservation Technique based on Cyclic Model in WSN", 2014 .25
Interscience Research Network International Conference on Communication, Computation and
Cognition, March 2014. (ISBN: 978-93-83060-13-9).. V.S.Anita Sofia, S. Arockiasamy, P. Ranjit Jeba

Face Recognition in compressed domain by applying Wavelet Transform and feature“ 2013 .26
vector optimization ” Journal of Applied Sciences (Indexed in Thomson Reuters Master Journal List,
2011 SJR 0.038), 2013, Menila James, S. Arockiasamy, P. Ranjit Jeba Thangaiah

Active Clustering Rule for LEACH model in Wireless Sensor Network ” Journal of Applied“ 2013 .27
Sciences (Indexed in Thomson Reuters Master Journal List, 2011 SJR 0.038), 2013, Anitha Sofia, S.
Arockiasamy, P. Ranjit Jeba Thangaiah

الخبرة الإدارية

Executive Director of E-Cabinet Center (Innovation center), Assistant Dean for الآن: 2017
Training and Society Services - CEMIS, University of Nizwa
*Managing the E-Cabinet Center and conducting the training and society services related
activities at the College of Economics, Management and Information Systems*

Assistant Dean for Training - CEMIS, University of Nizwa الآن: 2010
managing the Students Internship and other Training related activities in the College

HoD of Information Systems, CEMIS - University of Nizwa :2017 - 2009
Managing Information Systems and Web Design & Information Security programs

HoD and Director, Department of Computer Science and Applications - SRCAS, :2007 - 1990
Affiliated to Bharathiar University
*Managing the departments of Computer Science, Computer Applications and Information
Technology*

العضوية في الهيئات المهنية

IEEE :الآن-2013

Computer Society of India (CSI), Life Member :الآن-1996

الجوائز والتقدير

Fabulous Global Education Leader by World Education Congress 251 2019

Distinguished Leader in Science by Venus International Foundation 2018

Best professor in Information Technology by Asian Leadership Awards Committee 2012

RESOURCE PERSON IN INTERNATIONAL / NATIONAL CONFERENCES 1) Keynote Speaker in the
AICTE/ISTE sponsored Conference on “Multifaces of Web Technology” at Jayaraj Annapackiam College,
Theni. (2004) 2) Keynote Speaker in the National Conference on “Recent Trends in Computer
Technology” at Navarasam College, Erode. (2004) 3) Keynote Speaker in the National Seminar on
“Computers in Commerce” at Sri Ramakrishna womens college, Coimbatore. (2004) 4) Keynote Speaker
in the National Seminar on “Computer Applications “at Vidyasagar College, India, (2003) 5) Keynote
Speaker in the National Conference on “Image Processing” at Dr SNS College, Coimbatore. (2005) 6)
Keynote Speaker in the National Seminar on “Astonishing aspects in Information Technology”, at

Vivekananda College of Engineering and Technology, Erode. (2006) 7) Keynote Speaker in the National Seminar on "Emerging Trends in IT" at Muthayammal College of Arts and Science, Namakkal. (2007) 8) Keynote Speaker in International Conference ICRIEAT 2016, held at Hyderabad, INDIA during 21-24 December 2016, Topic: RFID-An automated identification Technology. 9) Moderator and Chair for the session FUTURE ELECTRONICS, in the 51st Annual Convention CSI 2016 (Digital Connectivity - Social impact) organized by the Computer Society of India (CSI), Coimbatore on 23-25, January 2017. 10) Keynote Speaker in the National Level Seminar on "Advanced Trends in Information and Communication Technology (ATICT)" on 26 April 2018 organized by Mazoon College, Muscat, Sultanate of Oman, Topic: Blockchain Technology: Software platform for digital assets. 11) Keynote Speaker in the International Conference on "Emerging Social, Mobile, Analytics and Cloud" (e-SMAC 2018) organized by SRI RAMAKRISHNA COLLEGE OF ARTS AND SCIENCE FOR WOMEN, INDIA on 24 January 2018, Topic: Moving .towards Cloud based Knowledge Management

المرجع: <https://www.unizwa.edu.om/staff/cemis/arockiasamy>