



PERSONAL DETAIL

Name	DR. AZUAN BIN AHMAD
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ACADEMIC QUALIFICATION

No	Year	Qualification	Institution	Field
1	2017	PhD	UNIVERSITI TEKNOLOGI MALAYSIA	SAINS KOMPUTER (CLOUD SECURITY)
2	2011	Master	UNIVERSITI TEKNOLOGI MALAYSIA	SAINS KOMPUTER (KESELAMATAN MAKLUMAT)
3	2009	Bachelor	UNIVERSITI SAINS ISLAM MALAYSIA	SAINS KOMPUTER (JAMINAN KESELAMATAN MAKLUMAT)

TEACHING

MASTER / PHD

No	Code Subject	Subject	Start Year	End Year
1	SKJ8403	SECURE SOFTWARE DEVELOPMENT	2022	2022

DEGREE

No	Code Subject	Subject	Start Year	End Year
1	SKJ1003	C PROGRAMMING	2018	2022
2	SKJ1013	JAVA PROGRAMMING	2018	2021
3	SKJ3173	SECURED WEB PROGRAMMING	2018	2023
4	SKJ1053	BASIC OF PROGRAMMING	2021	2024
5	SKJ1073	PRINCIPLES OF OBJECT-BASED PROGRAMMING	2022	2024
6	SKS1362	INFORMATION AND COMMUNICATION TECHNOLOGY	2023	2024

INTERNAL SUPERVISION

PHD

No	Matric No	Student Name	Type of Supervisor	Start Year	End Year
1	4120075	HASSAN AWAD HASSAN AL-SUKHNI	Member of Supervisory Committee	2012	2022

2	4150169	MOHAMMED NADIR BIN ALI	Co-Supervisor	2016	2022
3	4182547	ANAND A/L RAMACHANDRAN	Co-Supervisor	2019	2024
4	4182579	KAILASSH @ MUGUNTHAN A/L NARAYANA SAMY	Co-Supervisor	2019	2024
5	4201057	FAIRUZ BIN ADDNAN	Member of Supervisory Committee	2020	2023
6	4211008	TAMARA MOUSA IBRAHIM NUSAIRAT	Co-Supervisor	2021	2024
7	4222538	NAHARUDIN BIN SAADAN	Member of Supervisory Committee	2022	2024

MASTER

No	Matric No	Student Name	Type of Supervisor	Start Year	End Year
1	3191408	MUHAMMAD 'AFIF BIN HUSAINIAMER	Co-Supervisor	2020	2022
2	3192424	MOHD SHAMIRUL BIN SULAIMAN	Supervisor	2020	2024
3	3211043	MUHAMMAD ZIKRY BIN HISHAMUDIN	Member of Supervisory Committee	2021	2024
4	3212459	MUHAMMAD KHUARIZMI BIN MOHD RAPI	Supervisor	2021	2024

INTERNAL RESEARCH

No	Title	Grant	Role	Date
1	AN INTELLIGENT QURANIC REPOSITORY RETRIEVAL MODEL	Geran Jangka Pendek Fasa 2	Co-Researcher	06/10/2016 - 16/10/2019
2	DYNAMIC S-BOX USING AFFINE TRANSFORMATION TO INCREASE THE SECURITY OF ENCRYPTION	Geran Penyelidikan USIM	Co-Researcher	22/10/2018 - 27/12/2022
3	DEVELOPING A NEW MODEL FOR CYBER TERRORISM CLASSIFICATION ON SOCIAL MEDIA ANALYTICS BASED ON SENTIMENT ANALYSIS	Geran Penyelidikan USIM	Main Researcher	01/07/2019 - 27/12/2022
4	A NEW RESILIENT ALGORITHM FOR MITIGATING MALWARE ATTACKS ON MOBILE PHONE USING MALWARE PHYLOGENETIC AND APOPTOSIS	Geran KPT	Co-Researcher	01/09/2019 - 30/03/2023
5	USIMAKERS (INDUSTRY4WRD - INDUSTRY@UNIVERSITY)	Projek Revolusi Industri 4.0	Co-Researcher	01/10/2019 - 15/06/2023
6	SURVIVORS IDENTIFICATION AND LOCALIZATION FOR SAR ROBOTICS SYSTEM USING MACHINE LEARNING	Geran Sepadan Agensi Kerajaan	Co-Researcher	01/12/2019 - 27/12/2022
7	INTERNET OF THINGS MECHANISM FOR SMART TEMPERATURE SCREENING	Geran Penyelidikan Covid-19	Main Researcher	17/04/2020 - 27/09/2023
8	INTELLIGENT MOBOTDER MODEL FOR SECURING USERS AGAINST COVID-19 CYBERCRIME ATTACKS	Geran Penyelidikan Covid-19	Co-Researcher	01/06/2020 - 19/11/2021

9	DESIGN AND DEVELOPMENT OF A PROTOTYPE CORPORATE WAQF BLOCKCHAIN-BASED TRACEABILITY USING EOS PRIVATE SMART CONTRACT PLATFORM FOR ISLAMIC SOCIAL FINANCE.	Geran KPT	Co-Researcher	01/09/2020 - 30/11/2023
10	RESEARCH AND DEVELOPMENT INTEGRATED LAKE BASIN MANAGEMENT PLAN (ILBMP) FOR THE EMPANGAN TIMAH TASOH, PERLIS & TASIK MELATI, PERLIS	Geran Penyelidikan Agensi Kerajaan	Co-Researcher	01/08/2020 - 27/12/2022
11	A NEW DNA-INSPIRED SYMMETRIC ENCRYPTION ALGORITHM FOR STRONG RANDOMNESS PROPERTIES.	Geran KPT	Co-Researcher	01/11/2020 - 30/11/2023
12	SYNERGYZING WAQF ECOSYSTEM IN MALAYSIA ISLAMIC SOCIAL FINANCE: MEASURING THE IMPACT OF 'BENEFIDONORS' UTILISING THE DIGITAL PLATFORM IN ENHANCING SUSTAINABLE COMMUNITY DEVELOPMENT	Geran KPT (KKP)	Co-Researcher	01/01/2021 - 30/11/2023
13	TEKNOLOGI BLOCKCHIAN BERASASKAN KONTRAK PINTAR DI DALAM MEMASTIKAN KEBERKESANAN DAN KELULUSAN PUNGUTAN ZAKAT DI WILAYAH PERSEKUTUAN	Geran Penyelidikan Agensi Kerajaan	Co-Researcher	01/02/2021 - 15/08/2022
14	USIM-21 YEARS: IMPACT STUDY ON NATION AND SOCIETY	Geran Penyelidikan USIM	Co-Researcher	01/03/2022 - 15/06/2023
15	DETERMINANT FACTORS AFFECTING THE WILLINGNESS TO SHARE INFORMATION AMONG STAKEHOLDERS IN ENHANCING WAQF CO-CREATION ECO-SYSTEM IN MALAYSIA	Geran Sepadan Agensi Kerajaan	Co-Researcher	15/11/2022 - 15/06/2024
16	KAJIAN E-BIDAAN:APLIKASI BERTERASKAN SYARIAH	Geran Penyelidikan Agensi Kerajaan	Co-Researcher	01/02/2021 - 01/01/2022
17	DEVELOPING CYBER SECURITY PROFESIONAL MODULES: TOWARDS DIGITAL RESILIENCE.	Geran Penyelidikan Industri	Co-Researcher	01/04/2024 - 01/04/2025
18	MEREKABENTUK RUMAH HIJAU AKUAPONIK UNTUK KEBUN KOMUNITI YANG MENGGUNAKAN UNIT URBANKIT.	Biduni Mizanniyah	Co-Researcher	01/12/2023 - 01/12/2024
19	INTELLIGENT MALAYSIA OCCUPATIONAL SAFETY, SECURITY AND ENVIRONMENTAL DRONE (IMOSSED-1) AS A NEW SAFETY INSPECTION TOOL AT CONSTRUCTION SITE IN MALAYSIA	Geran Penyelidikan Agensi Kerajaan	Co-Researcher	01/09/2019 - 01/05/2022
20	DIGITAL RESOURCE CENTRE DEVELOPMENT FOR ACADEMIC ISLAMIC SOURCES	Geran Penyelidikan USIM-Industri	Co-Researcher	01/03/2024 - 01/03/2026
21	REDUCING THE CALIBRATION EFFORT OF INDOOR POSITIONING SYSTEMS USING DISCRETE FOURIER AND WAVELET TRANSFORMS	Geran Penyelidikan USIM	Co-Researcher	22/10/2018 - 22/04/2021
22	REVIVING PUBLIC TRUST IN CHARITABLE GIVING: THE ROLE OF BLOCKCHAIN TECHNOLOGY IN DONOR MOTIVATION AND ACCOUNTABILITY	Geran Penyelidikan USIM RACER	Co-Researcher	01/11/2023 - 01/11/2025
23	DIGITAL QUANTUM RANDOM NUMBER GENERATOR	Geran Pembangunan Inovasi (GPI)	Co-Researcher	06/06/2024 - 06/06/2026
24	EXPLORING THE USE OF ARTIFICIAL INTELLIGENCE FOR AUTOMATED ORTHODONTIC DIAGNOSIS	Geran Penyelidikan Pusat Tanggungjawab (PTj)	Co-Researcher	01/02/2024 - 01/02/2025
25	MACHINE CONTROL SYSTEM MODELING FOR	Geran Sepadan	Co-Researcher	17/05/2022 -

	COMPRESSED NATURAL GAS USING FUZZY LOGIC	Antarabangsa		17/05/2023
26	PENERAPAN TEKNOLOGI BLOCKCHAIN UNTUK EFEKTIVITAS PENGUMPULAN DAN DISTRIBUSI ZAKAT DI MALAYSIA DAN INDONESIA	Geran Sepadan Antarabangsa	Co-Researcher	15/06/2024 - 15/06/2025
27	CONCEPTUALIZING SHARIAH COMPLIANCE GUIDELINES FOR ONLINE AUCTION: TOWARDS PRESERVING THE RIGHTS OF CONTRACTING PARTIES	Geran KPT - Geran FRGS	Co-Researcher	01/11/2020 - 01/05/2023
28	A RESILIENT MODEL FOR MITIGATING MALWARE ATTACKS USING PHYLOGENETICS VIA MINIMUM DESCRIPTION LENGTH (MDL) AND ENHANCED DEEP LEARNING (EDL) FOR CYBER-PHYSICAL SYSTEMS (CPS)	Geran KPT - Geran FRGS	Co-Researcher	01/08/2024 - 01/08/2027
29	ENHANCING CRYPTOGRAPHIC RESILIENCE THROUGH SYMMETRIC ENCRYPTION ALGORITHM UTILIZING VARIABLE LENGTH CHROMOSOMES GENETIC ALGORITHM	Geran KPT - Geran FRGS	Co-Researcher	01/08/2024 - 01/08/2027
30	DEVELOPING A FRAMEWORK ON THE USE OF ROBO ADVISOR FOR THE ISLAMIC FINANCIAL PLANNING EDUCATION IN MALAYSIA	Geran KPT - Geran FRGS	Co-Researcher	01/11/2020 - 01/11/2023
31	PEMBENTUKAN KERANGKA TADBIR URUS PENGURUSAN HARTA PUSAKA BERASASKAN TEKNOLOGI BLOCKCHAIN MENGGUNAKAN KAEDAH "SMART CONTRACT" BAGI KELESTARIAN HARTA PUSAKA BEKU	Geran KPT - Geran FRGS	Co-Researcher	07/09/2021 - 29/02/2024
32	A NEW HYBRID DEEP NEURAL NETWORK MODEL FOR DETECTION OF MALWARE ATTACKS ON THE INTERNET OF MEDICAL THINGS ENVIRONMENT	Geran KPT - Geran FRGS	Main Researcher	01/09/2022 - 01/09/2025

CONFERENCE

No	Conference Name	Paper Work	Role	Date
1	8th IEEE Symposium on Computer Applications & Industrial Electronics	CLOUD DENIAL OF SERVICE DETECTION BY DENDRITIC CELL MECHANISM	Peserta Biasa	28/04/2018 - 29/04/2018
2	7th International Conference on Software and Information Engineering	Collaborative Cloud IDS in Detecting Denial of Service by Dendritic Cell Mechanism	Pembentang Lisan / Kertas Kerja	02/05/2018 - 04/05/2018
3	2018 Artificial Intelligence and Cloud Computing Conference	Cloud Co-Residency Threat Detection Technology Inspired by Human Immune System	Pembentang Lisan / Kertas Kerja	21/12/2018 - 23/12/2018
4	2019 IEEE International Conference on Automatic Control and Intelligent Systems	Mobile Application of Food Recommendation for Allergy Baby Using Rule-Based Technique	Pembentang Lisan / Kertas Kerja	29/06/2019 - 29/06/2019
5	2019 European Conference on Frontiers of Computer Science and Information Technology	A New Cryptojacking Malware Classifier Model Based on Dendritic Cell Algorithm	Pembentang Lisan / Kertas Kerja	22/09/2019 - 24/09/2019
6	International Conference on Cybersecurity 2019	Mobile Malware Classification for Social Media Application	Pembentang Lisan / Kertas Kerja	25/09/2019 - 26/09/2019
7	MUZAKARAH AHLI MAJLIS PENASIHAT SYARIAH INSTITUSI KEWANGAN ISLAM DI MALAYSIA KALI KE 15	Kajian awal penggunaan e-wallet (e-dompet) mengikut perspektif Syarak	Pembentang Lisan / Kertas Kerja	17/10/2019 - 17/10/2019

8	International Alumni Convention and Innovation Exhibition 2021 (INACIX 2021)	Peranan Usahawan Alumni Dalam Membantu Kebolehpasaran Graduan Universiti Sains Islam Malaysia	Pembentang Lisan / Kertas Kerja	18/09/2021 - 20/09/2021
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AREA OF SPECIALIZATION AND RESEARCH INTERESTS

No	Field / Area	Level of Expertise
1	COMPUTER COMMUNICATIONS NETWORKS	HIGH
2	COMPUTER SECURITY	VERY HIGH
3	OTHER ARTIFICIAL INTELLIGENCE	HIGH
4	SOFTWARE ENGINEERING	MODERATE

PUBLICATION - BOOK

2022

1. Azuan Ahmad dan penulis-penulis lain,ALUMNI@USIMBERJANJI PADA IBUNDA SEMPENA ULANG TAHUN USIM KE-20,

2019

1. Prof. Madya Dr. Madihah Mohd Saudi Prof. Madya Dr. Azwani Sofia Ahmad Khair Dr. Azuan Ahmad,Outcome Based Education: Introduction and Implementation Guidelines,USIM PRESS

2018

1. Nurlida Basir Nurzi Juana Mohd Zazizi Nur Fatin Nabila Mohd Rafei Heng Azuan Ahmad,C Programming for Beginners,Penerbit USIM

PUBLICATION - JOURNAL

2024

1. Suroto Munahar, Muji Setiyo,Madihah Mohd Saudi,Azuan Ahmad, Alfin Anugrah Dhimas R,Muhamad Hardiansyah,Assessment of comfort index (CI) based on vibration characteristics in CNG control system development,Results in Engineering,21,March 2024,1-14
2. Mohd Ilias M Shuhud, Rossly Salleh, Azuan Ahmad,Digital Empowerment: Unveiling Motivations and Overcoming Challenges in Content Creation for Women Entrepreneurs,,6,No.1,74-80
3. Khairil Faizal Khairi, Nur Hidayah Laili & Azuan Ahmad,The Newly Developed of Blockchain Architecture on Zakat Collection in Malaysia: A Case in MAIWP- PPZ, Malaysia,,16,2s,777-789
4. Naharudin Saadan, Khairil Faizal Khairi, Azuan Ahmad & Agoos Munalis Tahir,Mapping Blockchain Adoption Challenges: A Bibliometric Analysis,The Journal of Muamalat and Islamic Finance Research,21,1 (June),101-126

2023

1. Khairil Faizal Khairi, Nur Hidayah Laili, Hisham Sabri, Azuan Ahmad, Van Hieu Pham & Manh Dung Tran,The development and application of the zakat collection blockchain system,Journal of Governance &

Regulation,12,1,294-396

2. Munahar, S., Setiyo, M., Brieghtera, R.A., Saudi, M.M., Ahmad, A. and Yuvenda, D, Fuel Control System on CNG Fueled Vehicles using Machine Learning: A Case Study on the Downhill, Automotive Experiences, 6,1,173-187
3. Mohd Saudi, M., Husaini Amer, M.A., Ahmad, A. and Idris, M.Y.I, iOS mobile malware analysis: a state-of-the-art, Journal of Computer Virology and Hacking Technique, 19,2 (May), 1-20
4. Muhammad Iqmal Hisham Kamaruddin, Azuan Ahmad, Mohd Asri Husain & Saffa Nasuha Abd Hamid, Employment Trends of COVID-19 Graduates: The Case of a Malaysian Public University,, 12,2 (June), 1564-1583
5. Fuadah Johari; Fauzias Mat Nor; Baharom Abdul Hamid; Wan Ahmad Amir Zal; Ahmad Fahme Mohd Ali; Hanim Misbah; Hasnah Haron; Syahidawati Shahwan ; Zurina Shafii ; Amir Shaharuddin; Azuan Ahmad ; Ziyaaad, ENHANCING SYNERGY IN THE WAQF ECOSYSTEM IN MALAYSIA : PROMOTING INCREASED WAQF CONTRIBUTIONS AMONG BENEFICIARIES, DONORS, AND MUTAWALLI, INTERNATIONAL JOURNAL OF ECONOMICS AND FINANCE STUDIES, 15,3, 76-107
6. Khairil Faizal Khairi, Nur Hidayah Laili, Azuan Ahmad, Blockchain Governance: The Development and Application of a Framework for Waqf Institutions,, 19,3, 53-72
7. Asmadi Mohamed Naim Azrul Azlan Iskandar Mirza Abdul Rahman A. Shukor, Mohd Zakhiri Md. Nor Nurul Aini Muhamed Azuan Ahmad Shahrul Ridhwan S. Ali, E-Wallet Models: An Appraisal of Shariah Related Issues, Ahkam: Jurnal Ilmu Syariah, 23,2, 519-542

2022

1. KHAIRIL FAIZAL KHAIRI, AZUAN AHMAD, NUR HIDAYAH LAILI, HISHAM SABRI & ROSLI SHAARI, KONTRAK PINTAR DALAM TRANSAKSI KUTIPAN ZAKAT MELALUI PEMBANGUNAN SISTEM DEMO BACKEND PLATFORM BLOCKCHAIN DI MAIWP-PPZ, AZKA International Journal Of Zakat & Social Finance (AZJAF), 3,1, 103-124
2. Suroto Munahar, Muji Setiyo, Madihah Mohd Saudi, Azuan Ahmad, Dori Yuvenda, Modelling Fuel Cut Off Controller on CNG Engines Using Fuzzy Logic: A Prototype,, 12,5, 1857-1865
3. Muhamad Azhari Wahid, Khairil Faizal Khairi, Hamdi Hakeim Mudasar, Muhammad Farid Hadhari Mahamed Rusdi, Azuan Ahmad, Mohd Zakhiri Md Nor, Azrul Azlan Iskandar Mirza, Potential Shariah Non-Compliance Practices in E-Bidding: Observation from E-Bidding Platforms in Malaysia, The Journal of Muamalat and Islamic Finance Research, 19,1, 120-139
4. NIK AZURA NIK ABDULLAH NUR HAFIZA ZAKARIA AZNI HASLIZAN AB HALIM FARIDA HAZWANI MOHD RIDZUAN AZUAN AHMAD KAMARUZZAMAN SEMAN SURIYANI ARIFFIN, A THEORETICAL COMPARATIVE ANALYSIS OF DNA TECHNIQUES USED IN DNA BASED CRYPTOGRAPHY, Journal of Sustainability Science and Management, 17,5, 165-178
5. Fauzias Mat Nor, Fuadah Johari, Hasnah Haron, Zurina Shafii, Syahidawati Shahwan, Hanim Misbah, Azuan Ahmad, Amir Shaharuddin, Nur Atika Atan, Muhammad Mohamad Yusoff, Conceptualisation and validating benefid donors model in Waqf, The Journal of Muamalat and Islamic Finance Research, 1,6, 106-119

2021

1. Muhammad Iqmal Hisham Kamaruddin, Azuan Ahmad, Mohd Asri Husin, Nur Saffa Abd Hamid, Graduate Employability Post COVID-19: The Case of a Malaysian Public University,, 11,3, 710-724
2. M. N. B. Ali, M. M. Saudi, T. Bhuiyan, A. B. Ahmad, M. N. Islam, NIPSA intrusion classification,, 6,4, 3534-3547
3. Muhammad Afif Husaini Amer, Madihah Mohd Saudi, Azuan Ahmad and Amirul Syauqi Mohamad Syafiq, Mobile Malware Classification for iOS Inspired by Phylogenetics, International Journal of Advanced Computer Science and Applications, 12,8, 99-105
4. Hanim Misbah1, Fuadah Johari, Fauzias Mat Nor, Syahidawati Hj. Shahwan, Zurina Shafii5, Azuan Ahmad, Hasnah Hj Haron, Amir Shaharudin and Muhammad Mohamad Yusoff, Adaptation from prosumerism idea in conceptualising the benefid donors concept, International Journal of Business and Economy, 3,4, 200-207
5. Waidah Ismail, Rosline Hassan, Rabihah Md Sum, Anvar Narzullaev, Azuan Ahmad, Hani Ajrina Zulkeflee, Razan Hayati Zulkeflee, Rimuljo Hendradi3, COVID-19 SCREENING TECHNIQUE FRAMEWORK FOR UNIVERSITY STUDENTS' ADMISSION,, 1,1, 129-134
6. AZUAN AHMAD, AZNI HASLIZAN AB HALIM, FARIDA HAZWANI MOHD REDZUAN, SECURITY ANALYSIS BETWEEN STATIC AND DYNAMIC SBOXES IN BLOCK CIPHERS, JOURNAL OF INFORMATION SYSTEM AND TECHNOLOGY MANAGEMENT (JISTM), 6,20, 10-16

2020

1. Muhammad Iqmal Hisham Kamaruddin, Azuan Ahmad, Mohd Asri Husain, Saffa Nasuha Abd Hamid, Graduate employability post-COVID-19: the case of a Malaysian public university,,1,1,1-16
2. Saudi, M.M., Ismail, A.A.C., Ahmad, A., Husaini, M.A., CallDetect: Detection of Call Log Exploitation Inspired by Apoptosis,,10,5,1792-1797
3. Madiah Mohd Saudi Aiman Hakim Ma'arof Azuan Ahmad Ahmad Shakir Mohd Saudi Mohd Hanafi Ali Anvar Narzullaev Mohd Ifwat Mohd Ghazali, Image Detection Model for Construction Worker Safety Conditions using Faster R-CNN, International Journal of Advanced Computer Science and Applications (IJACSA), Vol. 11, N, Jun 2020, 246-250

2019

1. Mohamad Adib Azhar, Madiah Mohd Saudi, Azuan Ahmad, Azreena Abu Bakar, Detection of Social Media Exploitation via SMS and Camera,,13,4,61-78
2. Madiah Mohd Saudi, Sazali Sukardi, Noor Azwa Azreen Abd Aziz, Azuan Ahmad, Muhammad 'Afif Husaini, Malware Classification for Cyber Physical System (CPS) based on Phylogenetics,,9,1,3666
3. Hassan Awad Hassan Al-Sukhni Azuan Bin Ahmad Madiah Mohd Saudi Najwa Hayaati Mohd Alwi, Cyber Terrorist Detection by using Integration of Krill Herd and Simulated Annealing Algorithms, International Journal of Advanced Computer Science and Applications, 10, 7, 317-317
4. Azuan Ahmad Mohd Nazri Kama Azri Azmi Norbik Bashah Idris, Collaborative Cloud IDS in Detecting Denial of Service by Dendritic Cell Mechanism, International Journal of Electrical and Electronic Engineering & Telecommunications, 8, 2019, 1-1

2018

1. Azuan Ahmad, Wan Shafiuddin Zainudin, Mohd Nazri Kama, Norbik Bashah Idris, Madiah Mohd Saudi, Nur Hafiza Zakaria, State of the Art Intrusion Detection System for Cloud Computing, International Journal of Communication Networks and Information Security, 10, 3, 480-495

2017

1. Azuan Ahmad, Norbik Bashah Idris, Mohd Nazri Kama, CloudIDS: Cloud Intrusion Detection Model Inspired by Dendritic Cell Mechanism, International Journal of Communication Networks and Information Security (IJCNIS), 9, 1, 2-2

2015

1. Sameer Hasan Albakri, Bharanidharan Shanmugam, Ganthan Narayana Samy, Norbik Bashah Idris, Azuan Ahmad, Traditional Security Risk Assessment Methods in Cloud Computing Environment: Usability Analysis, Jurnal Teknologi, 73, 2, 85-89

2014

1. Sameer Hasan Albakri, Bharanidharan Shanmugam, Ganthan Narayana Samy, Norbik Bashah Idris, Azuan Ahmad, Security risk assessment framework for cloud computing environments, Security and Communication Networks, 7, 11, 2114-2124
2. Sameer Hasan Albakri, Bharanidharan Shanmugam, Ganthan Narayana Samy, Norbik Bashah Idris, Azuan Ahmad, Cloud computing adoption challenges, Advanced Science Letters, 2, 20, 546-548

2013

1. Azuan Ahmad, Bharanidharan Shanmugam, Norbik Bashah Idris, Ganthan Nayarana Samy, Danger Theory Based Hybrid Intrusion Detection Systems for Cloud Computing, International Journal of Computer and Communication

Engineering,2,6,650-650

2. Kuan Chee Houng, Bharanidharan Shanmugam, Ganthan Narayana Samy, Sameer Hasan Albakri, Azuan Ahmad, Security Model for Microsoft Based Mobile Sales Management Application in Private Cloud Computing, International Journal of Cloud Computing and Services Science, 2,3,159-159

PUBLICATION - PROCEEDING

2021

No	Title	Conference Name	Organizer	Level
1	PERANAN USAHAWAN ALUMNI DALAM MEMBANTU KEBOLEHPASARAN GRADUAN UNIVERSITI SAINS ISLAM MALAYSIA	International Alumni Convention and Innovation Exhibition 2021	Universiti Teknologi Malaysia	INTERNATIONAL

2020

No	Title	Conference Name	Organizer	Level
1	Cryptojacking Classification based on Machine Learning Algorithm	Proceedings of the 2020 8th International Conference on Communications and Broadband Networking	Auckland University of Technology	INTERNATIONAL

2019

No	Title	Conference Name	Organizer	Level
1	Mobile Application of Food Recommendation For Allergy Baby Using Rule-Based Technique	2019 IEEE International Conference on Automatic Control and Intelligent Systems (I2CACIS)	IEEE Malaysian Section Control Systems Chapter	INTERNATIONAL

2018

No	Title	Conference Name	Organizer	Level
1	Cloud denial of service detection by Dendritic cell mechanism	2018 IEEE Symposium on Computer Applications & Industrial Electronics (ISCAIE)	IEEE	INTERNATIONAL
2	Cloud Co-Residency Denial of Service Threat Detection Inspired by Artificial Immune System	Proceedings of the 2018 Artificial Intelligence and Cloud Computing Conference	ACM	INTERNATIONAL

2016

No	Title	Conference Name	Organizer	Level
1	Cloud Intrusion Detection Model Inspired by Dendritic Cell Mechanism	1ST INTERNATIONAL CONFERENCE ON ADVANCED INFORMATION AND COMMUNICATION TECHNOLOGY 2016	Chittagong Independent University (CIU), Bangladesh	INTERNATIONAL

2014

No	Title	Conference Name	Organizer	Level
1	A case study for the cloud computing security threats in a governmental organization	2014 International Conference on Computer, Communications, and Control Technology (I4CT)	MALTESAS	INTERNATIONAL
2	Traditional Security Risk Assessment Methods in Cloud Computing Environment: Usability Analysis	1st International Conference of Recent Trends in Information and Communication Technologies	Universiti Teknologi Malaysia	INTERNATIONAL

2013

No	Title	Conference Name	Organizer	Level
1	Forensic Analysis Tool for Malicious Pdf Files And Shellcode Analysis	International Conference on Emerging Trends in Engineering and Technology (ICETET'2013)	G H Raison College of Engineering	INTERNATIONAL
2	Enhancement and Implementation of Network Access Control Architecture for Virtualization Environments	International Conference on Informatics and Creative Multimedia (ICICM) 2013	UTM & MMU	INTERNATIONAL

PUBLICATION - THESIS

2012

No	Title	Field	Thesis Level	Type
1	A Hybrid Cloud Intrusion Detection System Based On Modified Dendritic Cell Algorithm	Cloud Computing Security	Doctor of philosophy	Main Author

2010

No	Title	Field	Thesis Level	Type
1	Forensic Analysis Tool for Malicious Pdf Files And Shellcode Analysis	Computer Security	Master	Main Author

ACADEMIC RECOGNITION

REVIEWER

No	Article Title	Journal Name	Type of Reviewer	Impact Factor	Level	Year
1	5th International Conference on Electrical, Control and Computer Engineering (InECCE2019)	Springer Lecture Notes in Electrical Engineering	Conference Paper Reviewer	0.13	INTERNATIONAL	2019
2	A Novel System Architecture for Secure Authentication and Data Sharing in Cloud Enabled Big Data Environment	Journal of King Saud University	Journal Article Reviewer	13.473	INTERNATIONAL	2020

3	DIGITAL SECURITIES: THE FUTURE OF MALAYSIAN CAPITAL MARKETS	Penerbit UKM	Manuscript / Book Reviewer		INTERNATIONAL	2021
4	Tuned Uncertainty Algorithm-Based Fuzzy KNN Classifier for Detecting and Diagnosing Diabetes	Journal of King Saud University - Computer and Information Sciences	Journal Article Reviewer	13.473	INTERNATIONAL	2021
5	MALWARE DETECTION USING DEEP LEARNING (DL): A REVIEW	4th INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY 2023 (ICoRAST 2023)	Conference Paper Reviewer	0	INTERNATIONAL	2023

INVITED / KEYNOTED SPEAKER

No	Title	Conference Name	Level	Date
1	Workshop on Offensive Internet Security	Advanced Security Training		01/05/2015 - 02/05/2015
2	PEMBENTANG AZKA LIVE WEBINAR TEKNOLOGI BLOCKCHAIN	Teknologi Blockchain Berasaskan Kontrak Pintar	NATIONAL	04/08/2022 - 04/08/2022
3	Frequency Analysis using RTL:SDR technology	Postgraduate Seminar Faculty Science and Technology (KoSiST2019)	UNIVERSITY	06/11/2019 - 06/11/2019
4	PENCERAMAH BAGI PROGRAM MALAM MUNAJAT 2.0	Malam Munajat siri 2.0	UNIVERSITY	07/07/2022 - 07/07/2022
5	RTL-SDR: How to sniff Radio Frequency.	Durian Security Conference 2017		08/04/2017 - 08/04/2017
6	JEMPUTAN SEBAGAI PENCERAMAH JEMPUTAN BAGI KEM KECEMERLANGAN STAR SPM 2023 SMK TAMAN SEMARAK	KEM KECEMERLANGAN STAR SPM 2023 SMK TAMAN SEMARAK	OTHERS	09/09/2023 - 09/09/2023
7	Security Threat Globally	Legal, Ethical and Security Aspect in Information System Seminar		12/05/2014 - 12/05/2014
8	JEMPUTAN SEBAGAI PENCERAMAH BAGI KESELAMATAN SIBER DAN KECERDASAN BUATAN BAGI PERSPEKTIF KESELAMATAN NEGARA	PROGRAM CERAMAH KHAS BAGI CAWANGAN KHAS PDRM	NATIONAL	13/07/2023 - 13/07/2023
9	MODERATOR FOR SESSION 6: SMART ECONOMY SMART MELAKA INTERNATIONAL CONFERENCE AND EXPO 2023	SMART MELAKA INTERNATIONAL CONFERENCE AND EXPO 2023	INTERNATIONAL	13/10/2023 - 13/10/2023
10	Hack Me Now or Never	Program Bersama Industri Dalam Bidang Teknologi Maklumat		19/08/2015 - 19/08/2015
11	Information Security is Our Future	Program Bersama Industri Dalam Bidang Teknologi Maklumat		19/08/2015 - 19/08/2015
12	Ceramah Pembangunan E-Module	Financial Literacy e-Modul Development for Micro Business Entrepreneur: From Financial Inclusion to Social Inclusion	UNIVERSITY	21/10/2022 - 21/10/2022
13	PEMBENTANG DISKUSI PENYELIDIKAN ISU-ISU MUAMALAT SIRI 1/2023	PEMBENTANG DISKUSI PENYELIDIKAN ISU-ISU MUAMALAT SIRI 1/2023	NATIONAL	22/03/2023 - 22/03/2023

14	Information Security: Where are we now?	Cybersecurity Tech Seminar: The Learning Curve		22/11/2014 - 22/11/2014
15	Dendritic Cell Algorithm for Cloud Security Threat Detection	Cloud Computing Online Seminar	UNIVERSITY	26/05/2021 - 26/05/2021
16	Hacker Highschool: Security Awareness for Teens	Information Security and Assurance Seminar 2014		27/09/2014 - 27/09/2014
17	Artificial Intelligence and Blockchain Technology	Seminar Keselamatan Siber dan Technology Update	NATIONAL	28/04/2021 - 28/04/2021

CONTRIBUTION - USIM

2023

No	Name Of Activity	Position	Level	Date
1	JAWATANKUASA KESELAMATAN ICT USIM	AJK	UNIVERSITY	01/01/2023 - 31/12/2024
2	CYBERSECURITY INCIDENT RESPONSE TEAM USIM	AJK	UNIVERSITY	01/03/2023 - 28/02/2025
3	AJK Logistik dan Teknikal, SCITEX 2023	HEAD OF AJK	UNIVERSITY	16/02/2023 - 31/12/2023
4	JAWATANKUASA SEMAKAN KURIKULUM ISA FST	MEMBERS	FACULTY	22/08/2023 - 22/11/2023

2022

No	Name Of Activity	Position	Level	Date
1	AHLI JAWATANKUASA TEKNIKAL DIGITAL TRANSFORMASI, UNIVERSITI SAINS ISLAM MALAYSIA	AJK	UNIVERSITY	10/12/2022 - 31/12/2022
2	Lantikan AJK Pemandu Program KPT PACE 2022	AJK	UNIVERSITY	12/07/2022 - 31/12/2022
3	AJK PELANKSANA HARI PEMINJAMAN PAKAIAN AKADEMIK UNIVERSITI SEMPERA MAJLIS KONVOKEYEN KE-20 USIM	AJK	UNIVERSITY	26/11/2022 - 28/11/2022
4	AHLI JAWATANKUASA BENGKEL GE DAN ALUMNI UNIVER SITI 2022	AJK	NATIONAL	27/09/2022 - 29/09/2022

2020

No	Name Of Activity	Position	Level	Date
1	JAWATANKUASA KERJA PROJEK PTj LESTARI (JKPPTjL)	AJK	UNIVERSITY	10/09/2020 - 31/12/2021
2	AHLI KUMPULAN TERAS STRATEGIK 1 (GRADUAN & ALUMNI)	MEMBERS	UNIVERSITY	15/07/2020 - 31/12/2020

2019

No	Name Of Activity	Position	Level	Date
1	Technical Editor for Malaysian Journal of	TECHNICAL EDITOR	UNIVERSITY	01/01/2019 -

	Science, Health and Technology (MJoSHT) 2019			31/12/2019
2	Penyedia Rangka Kursus Program Tamhidi	COMMITTEE MEMBERS	UNIVERSITY	01/04/2019 - 15/04/2019
3	Jawatankuasa Penilaian Sebut harga Kecil PTJ	AJK	FACULTY	08/11/2019 - 31/12/2022
4	Penggubal Modul Kursus IR 4.0	PENGGUBAL MODUL	FACULTY	15/10/2019 - 30/11/2019

2018

No	Name Of Activity	Position	Level	Date
1	Ahli STREAM USIM	MEMBERS	UNIVERSITY	01/05/2018 - 01/05/2019
2	Ahli Jawatankuasa Teknikal Sempena Hari Sains Sedunia peringkat Fakulti	AJK	FACULTY	12/11/2018 - 12/11/2018
3	Ketua Unit Multimedia dan Media bagi 2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY	HEAD OF AJK	UNIVERSITY	25/09/2018 - 31/10/2019
4	AJK National Science Challenge	AJK	UNIVERSITY	28/06/2018 - 11/07/2018

CONTRIBUTION - MEMBERS OF COMMUNITY COMMITTEE / ORGANISATION

2023

No	Name Of Activity	Position	Level	Date
1	PERTUBUHAN PENGGERAK HUFFAZ BERKEMAHIRAN SELANGOR		NATIONAL	01/01/2023 - 31/12/2024

2022

No	Name Of Activity	Position	Level	Date
1	PERTUBUHAN PENGGERAK HUFFAZ BERKEMAHIRAN SELANGOR		NATIONAL	23/08/2022 - 31/12/2022

2018

No	Name Of Activity	Position	Level	Date
1	JUDGING COMMITTEE FOR YOUNG INNOVATOR CHALLENGE 2018	JURY	NATIONAL	16/08/2018 - 16/08/2018
2	PERTANDINGAN UNIMAKER PERINGKAT ZON TENGAH	TENAGA PENGAJAR	NATIONAL	18/09/2018 - 23/09/2018
3	KEMENTERIAN PENDIDIKAN MALAYSIA	PANEL TEMUDUGA PROGRAM PENAJAAN/CUTI BELAJAR BERGAJI PENUH	NATIONAL	24/04/2018 - 25/04/2018

CONSULTATION

No	Title	Level	Date
1	PAKAR RUNDING FST CONFERENCE SYSTEM	UNIVERSITY	01/01/2018 - 31/12/2018
2	FST OBE SYSTEM	UNIVERSITY	01/09/2016 - 31/12/2016
3	MALAYSIAN JOURNAL OF SCIENCE,HEALTH AND TECHNOLOGY SYSTEM (MJOSHT) SYSTEM	UNIVERSITY	01/09/2016 - 31/12/2016
4	PROJEK PEMBANGUNAN SISTEM MALAYSIA URBAN OBSERVATORY (MUO) FASA 1	NATIONAL	01/09/2021 - 31/05/2022
5	LANTIKAN SEBAGAI PAKAR RUJUK BAGI PEMBANGUNAN IOT SMART AGRICULTURE SYSTEM	OTHERS	01/12/2021 - 31/12/2021
6	KUNSULTAN PEMBANGUNAN APLIKASI BAGI PROJEK MALAYSIAN RESEARCH UNIVERSITY NETWORK FASA 2	NATIONAL	05/12/2019 - 31/12/2020
7	PROJEK PERUNDINGAN MOBILE TECHNOLOGY FUNDAMENTAL & NEXT GENERATION MOBILE NETWORK SECURITY	NATIONAL	16/01/2023 - 20/01/2023

ADMINISTRATION TASK

No	Position	Level	Date
1	Timbalan Pengarah Pusat Alumni dan Kerjaya	UNIVERSITY	15/06/2020 - 31/12/2023

PROFESIONAL MEMBERSHIP

No	Name of Membership	Organization	Field	Date
1	Microsoft Certified Solution Associate	Microsoft	Computer Technology	23/09/2014
2	Microsoft Certified Professional (MCP)	Microsoft	Computer Technology	09/08/2014
3	Certified IPv6 Engineer Level 1	National Advanced IPv6 Centre	Computer Network	10/09/2013
4	Certified IPv6 Engineer Level 2	National Advanced IPv6 Centre	Computer Network	17/09/2013
5	Green/Smart IT Certified	Exin	Computer Technology	11/01/2013
6	CompTIA A+ Certified	CompTIA	Computer Technology	25/11/2011
7	Certified Ethical Hacker v8	EC-Council	Computer Security	08/08/2014

RESEARCH AWARD

No	Title of Award	Type of Award	Exhibition Name	Level	Date
1	THE FLICKER- LASER COMMUNICATION SYSTEM FOR NAVAL SHIP	Emas Dan Setara	ISLAMIC INNOVATION STUDENT COMPETITION 2018 (IREKA'18)	Universiti	13/10/2018-14/10/2018

2	Unlocking Sustainable SDG Acceleration with MySIF Blockchain and Islamic Social Finance	Emas Dan Setara	International Symposium on Islamic Finance (ISF2023)	Antarabangsa	24/10/2023-24/10/2023
3	VR HAJJ AND UMRAH	Perak Dan Setara	SCIENCE AND TECHNOLOGY RESERACH EXPO (SCITEX@20TH FST)	Universiti	19/12/2023-20/12/2023
4	MYSIF WAQF CHAIN	Perak Dan Setara	33RD INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION, MALAYSIA (ITEX'22)	Antarabangsa	26/05/2022-27/05/2022
5	EZCYBERCRIME DETECTION AND RESPONSE MOBILE APPS PROTOTYPE FOR SMARTPHONE	Perak Dan Setara	30th INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION 2019 (ITEX 2019)	Antarabangsa	02/05/2019-04/05/2019
6	NATURAL DISASTER REPORTING AND EARLY WARNING SYSTEM APPS	Perak Dan Setara	INTERNATIONAL CONFERENCE AND EXPOSITION ON INVENTIONS BY INSTITUTIONS OF HIGHER LEARNING (PECIPTA'19)	Antarabangsa	22/09/2019-23/09/2019
7	THE FLICKER: SECURE FREE SPACE OPTICS COMMUNICATION FOR NAVAL	Perak Dan Setara	INTERNATIONAL CONFERENCE AND EXPOSITION ON INVENTIONS BY INSTITUTIONS OF HIGHER LEARNING (PECIPTA'19)	Antarabangsa	22/09/2019-23/09/2019
8	eZCyberCrime Detection and Response Mobile Apps for Smartphone (eZCyberCrime)	Perak Dan Setara	INTERNATIONAL CONFERENCE AND EXPOSITION ON INVENTIONS BY INSTITUTIONS OF HIGHER LEARNING (PECIPTA'19)	Antarabangsa	22/09/2019-23/09/2019
9	APLIKASI SCCP – MS1900:2014 DALAM PENGESANAN TRANSAKSI KEWANGAN SOSIAL ISLAM BERASASKAN TEKNOLOGI BLOCKCHAIN - MYSIF CHAIN	Perak Dan Setara	Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA22)	Antarabangsa	01/11/2022-03/11/2022
10	CLOUD CO-RESIDENCY THREAT DETECTION TECHNOLOGY INSPIRED BY HUMAN IMMUNE SYSTEM	Jenis Pengiktirafan Lain-lain	INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND CLOUD COMPUTING	Antarabangsa	21/12/2018-23/12/2018

AWARD

No	Name Of Award	Organization	Date
1	Best Presentation Award	International Conference on Artificial Intelligence and Cloud Computing 2018	22/12/2018
2	ANUGERAH PENSYARAH PILIHAN (L) SEMPENA MAJLIS ANUGERAH FAKULTI SAINSDAN TEKNOLOGI (MAFAST) 2022	FAKULTI SAINS DAN TEKNOLOGI	02/07/2022
3	Anugerah Penyelidik Terbaik (Kategori 45/51/52)	Fakulti Sains dan Teknologi	03/03/2022
4	Anugerah Qudwah Hasanah FST	FST, USIM	23/05/2023