



PERSONAL DETAILS

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Expertise : Cybersecurity, Digital Forensic, Risk and Security Management,
Blockchain, Security Knowledge Modelling, Disaster
Management

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1	Doctor of Philosophy	Informatics	University of Wollongong (UOW), Australia	2009	2012
2	Master's degree	Real Time Software Engineering	Universiti Teknologi Malaysia (UTM)	2001	2002
3	Bachelor's degree	Computer Science	Universiti Teknologi Malaysia (UTM)	1995	2000

AWARD AND HONORS RECEIVED

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1	Excellent Staff Award, Faculty of Computing UTM 2023	Faculty	2023
2	Excellent Staff Award, Faculty of Computing UTM 2021	Faculty	2021
3	Excellent Staff Award, Faculty of Computing UTM 2019	Faculty	2019
4	Excellent Staff Award, Faculty of Computing UTM 2016	Faculty	2016
5	Excellent Staff Award, Faculty of Computing UTM 2015	Faculty	2015
6	Excellent Staff Award, Faculty of Computing UTM 2014	Faculty	2014
7	Anugerah Makmal Terbaik, Sekolah Komputeran, Fakulti Kejuruteraan (Ahli Makmal Cyber Threat Intelligent UTM–CSM)	Faculty	2021
8	Certificate of Service as Co-Editor MDPI Sustainability Open Access Journal for Special Issue " <i>Risk Assessment and Sustainable Disaster Management</i> " (IF: 3.251)	International	2021
9	Best Paper Award, <i>Persatuan Saintis Islam Malaysia</i> (PERINTIS) Journal	National	2019
10	Award "Active Blended Learning Course" Semester 1718-2	UTM	2018
11	Silver Award in INATEX 2016 ("Academic Quality Assurance Management Metamodel Knowledge Repository)	UTM	2016
12	Bronze Award in INATEX 2016 for ("FLOODFEED: A Low-Cost Mobile Crowdsourcing Flood Sensor Initiative")	UTM	2016
13	Anugerah Kecemerlangan Pengajar Paling Aktif menggunakan Kaedah Pembelajaran Teradun (Blended Learning) Kursus SCSR1013 Digital Logic Sem 1415-1	UTM	2015
14	Award "Active Blended Learning Course" Semester 1920-1	UTM	2014
15	Best Paper Award, Paper at Knowledge Management International Conference 2014 (KMICe2014) Conference	International	2014
16	A Nomination for The Best Paper Awards in the 24th Australasian Conference on Information Systems (ACIS) for <i>Track Social Informatics</i>	International	2013
17	Information Technology Award for Industrial Training Management System (ITMS), UTM 's Quality Day 2007	UTM	2007

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL/ INTERNATIONAL)	ROLE	YEAR
1	Malaysian Board of Technologists (MBOT)	National	Professional Technologist (Ts.) – Cyber Security Technology	May 2020 - Present
2	Malaysian Board of Technologists (MBOT)	National	Graduate Technologist	July 2018 – May 2020
3	Institute of Electrical and Electronics Engineers (IEEE) (ID: 92668074)	International	Member	2012 - Present
4	Association for Information Systems (AIS)	International	Member	June 2018 - Present
5	Certified Cybersecurity Professional Certification	International	Certified Trainer	2022
6	CISCO CyberOps Associate	International	Certified Trainer	2021
7	CISCO Academy Orientation	International	Certified Trainer	2021
8	Cybersecurity CSM Cyber Security Operation Centre (CSOC) Training	National	Certified Trainer	2021
9	CISCO Internet of Things (IoT)	International	Certified Trainer	2021
10	TECFORTE ELITE Cyber Security Operation Centre (SOC) Training	National	Trainer	2021
11	Ethereum and Solidity Practitioner (ESP), ETH/SOL101 &102 Ver1.5 (Blockchain)	National	Certified Trainer	2020
12	Certified Solidity Practitioner (CSP), Awareness Level SOL101 Ver1.5 (Blockchain)	National	Certified Trainer	2020
13	Certified Solidity Practitioner (CSP), Professional Course ETH102 Ver1.5 (Blockchain)	National	Certified Trainer	2020
14	Certified Computer Hacking Forensic Investigator (CHFI), EC-Council	International	Certified Trainer	2017

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT
1	Head of Information Assurance & Security Research Group (IASRG)	2022	2025	Faculty of Computing
2	Coordinator for MECR (Master of Cybersecurity) Full-Time Postgraduate Program	2022	2024	Faculty of Computing
3	Coordinator for MECR (Master of Cybersecurity) Online Distance Learning (ODL) Postgraduate Program	2022	2024	Faculty of Computing
4	Head of Information Assurance and Security Research Group (IASRG)	2022	2025	Faculty of Computing
5	Coordinator for MCSS (Master of Computer Science) Postgraduate Program	2019	2020	Faculty of Computing
6	Coordinator for SCSR (Bachelor's in Computer Network and Security) for UTMSPACE Program, UTMKL and UTMJB	2012	2020	Faculty of Computing
7	Head of Final Year Project (FYP), School of Computing Committee	2012	2019	Faculty of Computing, UTM JB
8	Final Year Project Committee Member	Jan, 2013	Jun, 2019	Faculty of Computing, UTM JB
9	Academic Advisor	2002	Present	Faculty of Computing, UTM JB
10	Department Committee of Undergraduate Final Project	2005	2006	Faculty of Computing, UTM JB
11	Fellow Committee of Motivation Course 2004	June, 2004	June, 2004	Faculty of Computing, UTM JB
12	Committee of FSKSM Practical Training Committee	Jan 2003	Jan 2005	Faculty of Computing, UTM JB
13	Committee of Office Automation	2003	2004	Faculty of Computing, UTM JB
14	Committee of Institute of Higher Learning (IHL) Quality Assurance Documentation IPTA – FSKSM	2003	2004	Faculty of Computing, UTM JB

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ ORGANISATION
1	Associate Professor	Aug, 2024	Present	Faculty of Computing, UTM JB

1	Senior Lecturer	Sept, 2012	Aug, 2024	Faculty of Computing, UTM JB
2	Practical Trainee (<i>Latihan Ikhtisas</i>)	Nov, 2020	Nov, 2021	CyberSecurity Malaysia (CSM), Cyberjaya
3	Lecturer	Oct, 2003	Sept, 2012	Faculty of Computing, UTM JB
4	Practical Trainee (During Master Program)	March, 2002	Sept, 2002	Consultancy Unit, Bureau of Innovation and Consultancy (BIP) at UTM Technovation Park UTM
5	Practical Trainee (During Master Program)	Aug, 2001	Nov, 2001	PERNEC Multimedia and Research Dev. Sdn Bhd, PERNEC Corporation, Ulu Kelang, Kuala Lumpur
6	Tutor	July, 2000	Oct, 2003	Faculty of Computing, UTM JB
7	Research Assistant (RA)	March, 2000	July, 2000	Faculty of Human Resource Development and Management, UTM JB
8	Research Assistant (RA)	March, 1998	April, 1998	Faculty of Mechanical Engineering, UTM JB (IRPA Project)

CONSULTANCY EXPERIENCE

NO	NAME OF CONSULTANCY	ROLE	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1	Scientific Study on Data Ingestion Approaches from Social Media Platform, Data Management and Preservation, and Social Network Profiling	Project Member	25,000	01/08/2022	31/01/2023	2176
2	Development of Dark Web Standard Operating Procedure (SOP) for Data Preservation & Investigation Analysis	Project Leader	25,000	01/05/2024	30/11/2024	nil
3	Advance Text Analysis and Forensic Text Analysis Study	Project Leader	25,000	01/04/2023	30/11/2023	2385
4	Standard Operating Procedure (Sop) For Data Analytics and Forensics Text (Camteks) Data Preservation with Forensics Compliance	Project Member	30,000	01/08/2022	31/01/2023	2393
5	Polisi Pengurusan Data UTM developed by UTMDigital: <i>Policy:</i> 1) Polisi Pengurusan Data, <i>Procedure:</i> 1) Prosedur Perlindungan Data, 2) Prosedur Data Privasi	UTM Internal Consultant	In progress	Sep, 2021	May, 2022	Nil

6	Penetration Testing for BIDNOW Marketplace System	UTM Consultant	10,000	Dis,2022 (1 st phase)	Feb,2023	Nil
7	Cybersecurity and Security Management Policy and Procedure Advise for BIDNOW Sdn Bhd.	UTM Consultant	In progress	Dis,2022 (1 st phase)	Dec,2023	Nil
8	JohorLand Cloud Security Framework Development (Security Framework, Security Assessment and Security Policy)	UTM Consultant	In progress	Dis,2021	June,2021	Nil
9	Aptitude and Competency Test for IT Assistant Officer and IT Technician ICT Johor (ICT Johor)	Consultancy Member	5000	Jan, 2020	Oct,2020	VOT 1633
10	Keterlibatan kepakaran dalam Program Disaster Recovery for CICT UTM (Network Recovery, Data backup, Security Management)	Project Member	5000	Jan,2014	Mar,2014	Nil
8	Upgrading of Fleetwork Trainer (FWT), Gun Aimer (GAT) & Blind Pilotage Trainer (BPT) – Simulator at KD Pelandok, Lumut (Malaysian Royal Navy (TLDM)	Trainee Consultant	-	2003	2003	Nil
11	Penyusunan Semula IKBN (Ministry of Youth & Sport Malaysia)	Trainee Consultant	-	2003	2003	Nil
12	Development of an ISO Document Tracking System for Consultancy Unit, Bureau of Innovation, UTM Skudai	Trainee Consultant	-	2003	2003	Nil
13	Feasibility Study on Development of E-Campus by Using Unix Platform (AURA Technology Sdn Bhd)	Trainee Consultant	-	2003	2003	Nil

FACULTY APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Task Force Member for the Formation of Centre for Cybersecurity COE	Task Force Member	2022	2023

2	Task Force Talent and Niche Area Development Faculty of Computing	Task Force Member	2022	2023
3	Faculty of Computing Internal Auditor	Internal Auditor	2022	2023
4	Faculty of Engineering High Impact Publication Task Force	High Impact Publication Coach	2020	2022
5	UTM Foundation Program	Coordinator of Computer Literacy Course	2019	2020
6	Taskforce New Program Development Postgraduate Diploma in Computing (PGDC) School of Computing	Curriculum Development Committee	01/10/2019	31/10/2020
7	Postgraduate Master of Computer Science (MCSS), Academic Committee Member, School of Computing	MCSS Program Coordinator	2012	2019
8	Final Year Project Committee, School of Computing	Department Program Coordinator	2012	2019
9	Final Year Project Committee, School of Computing	Head of Committee	2012	2019
10	Undergraduate Bachelor's in Computer Network & Security (SCSR) for External program, Academic Committee Member, School of Computing	SCSR Program Coordinator	2012	2019
11	Industrial Training Committee Member – School of Computing	Program Committee Member	01/04/2015	30/06/2019
12	Taskforce SCSR Curriculum Development & Course Information Development (4IR)	SCSR Curriculum Development Committee	01/01/2019	31/01/2019
13	Taskforce Master of Computer Science (MECS) Curriculum Review & Course Information Development (4IR)	MCSS Curriculum Development Committee	01/01/2019	31/01/2019
14	Taskforce Master of Cybersecurity (MECH) Curriculum Review & Course Information Development (4IR)	MECS Curriculum Development Committee	01/01/2019	31/01/2019
15	Task Force Online Distance Learning (ODL) School of Computing	Task Force Member	2019	2019
16	IASRG Publication and Research Committee	SCSR Course Publication Member	2019	2019

17	Faculty of Computing Innovation and Commercialization Committee	Committee Member	2018	2018
18	Bachelor of Data Engineering (2u2i) Course Curriculum Review Workshop	Final Year Project Course Evaluator	2017	2017
19	SKK Department Welfare Committee	Committee Member	2017	2017
20	FC Student and Alumni Development Committee	Committee Member	2017	2017
21	A Review Task Force for Bachelor of Data Engineering Course (2u2i)	Task Force Member	2017	2017
19	Faculty Innovation and Commercialization Committee	Committee Member	2017	2017
20	School of Computing Curriculum Review	Committee Member	2017	2017
21	2u2i SCSD Course Curriculum Development	Committee Member	2016	2016
22	Assessment and Examination Workshop for UTM Franchise Program (Yayasan Pahang College)	Course Coordinator	2015	2015
23	SKK Department Welfare Committee, School of Computing	Department Committee Member	2015	2015
24	School of Computing Family Day 2013 Committee	Committee Member	2013	2013
25	Head of Office Automation Laboratory, SKK Department, FSKSM 2003	Committee Member	2003	2004
26	IPTA Quality Assurance Documentation Department Committee	Committee Member	2003	2004

UNIVERSITY APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Task Force RACE GE 2020 " <i>Rising Above Covid-19 Challenges for UTM Graduate Employability</i> ", Centre for Academic and Experiential Learning (CAEL) UTM iLeaGue	Member	1/8/2021	30/6/2022
2	Audit Pematuhan Bagi Bagi Pengekalan Audit Akreditasi Penuh Program Akademik	Task Force Member	2021	2021

	Pascasiswazah Bukan Profesional UTM Bagi Tahun 2021			
3	Konvesyen Alumni Antarabangsa dan Pertandingan Inovasi (INACIX2021)	Competition Judge	5/9/2021	11/9/2021
4	External Program Assessment and Examination Workshop	Course Coordinator	2020	2020
5	Task Force Pembangunan Instrumen Penilaian Untuk Mengukur Pencapaian UTM Educational Goals	Task Force Member	6/8/2020	8/8/2020
6	UTM Engineering - Industry Innovation Day (EIID 2019)	Certificate Unit Member	2019	2019
7	UTM Foundation Program Full Accreditation Audit	Academic Representative Member	2019	2019
8	Open Distance Learning (ODL) School of Computing, Faculty of Engineering	Task Force Member	1/10/2019	31/9/2020
9	UTM Engineering-Industry Innovation Day 2019 (EIIDay 2019)	Program Member	21/9/2019	30/9/2019
10	Persatuan Kakitangan Akademik UTM	Member	2019	Present
11	Bengkel Pembinaan Modul Pengajaran dan Pembelajaran Program Asasi UTM (UTM Foundation)	Member	18/9/2019	30/10/2019
12	Task Force for MOU/MOA CSM-UTM Signing Ceremony and the Launch of X-Lab Cybersecurity FC UTM	Task Force Member	2017	2017
13	Bengkel Pemurnian Course Sarjana Muda Kejuruteraan Data (2u2i) Task Force	Task Force Member	2017	2017
14	Prosiding Komputeran UTM, Inovasi Di Dalam Teknologi Dan Aplikasi Komputeran, Jilid 1, 2016 (ISBN:9789670194820)	Editor	01/06/2016	31/12/2016
15	UTM Computing Proceedings, Innovations in Computing Technology and Applications, Volume 1, 2016, (ISBN: 9789670194813)	Editor	01/06/2016	31/12/2016

NATIONAL APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	SIRIM Stakeholders Consultation for Drafting Agile Requirements Engineering Process for Industry	Stakeholder Consultant Member	28/12/2022	31/5/2023

2	SIRIM Stakeholders Consultation for Drafting Industry Revolution 4.0 Organisations - Criteria for Adoption	Stakeholder Consultant Member	1/1/2021	14/5/2021
3	Projek Malaysian Higher Learning Cybersecurity Awareness and Talent Development (TECFORTE, UTM and MDEC)	Member	14/11/2021	14/11/2022
4	Penasihat Program Diploma Teknologi Maklumat, Di Jabatan Teknologi Maklumat & Komunikasi, Politeknik Mersing (PMJ)	Program Advisor	7/9/2021	7/9/2023
5	First Workshop Program - National Blockchain Technology Roadmap Development (MOSTI)	Academic Representative Member	27/11/2020	28/11/2020
6	Second Workshop Program - National Blockchain Technology Roadmap Development (MOSTI)	Academic Representative Member	13/1/2021	14/1/2021
7	Task Force Kerjasama Di Antara Sekolah Komputeran, Fakulti Kejuruteraan Dan Bahagian Sains Teknologi & ICT, Negeri Johor	Task Force Member	1/8/2021	1/10/2021
8	Task Force Pemutih Malaysian Qualifications Register (MQR) Program Akademik Sekolah Komputeran Fakulti Kejuruteraan	Task Force Member	1/2/2020	31/1/2021
9	Malaysian Against Pornography (MAP) Association, NGO	Association Member	1/1/2010	1/1/2022
10	Bengkel Training of Trainers (TOT) Bahan Pengajaran Bagi Program Asasi UTM-MARA	UTM Representative	7/5/2018	7/5/2018

INTERNATIONAL APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	MDPI Special Issues "Risk Assessment and Sustainable Disaster management" (Impact Factor: 3.251)	Journal Co-Editor	Oct,2020	May,2022
2	The 4th International Conference on Data Science and Its Applications (ICODSA2021)	Publication Chair	Aug,2021	Oct,2021
3	Cyber Resilience Conference 2021 (CRC2021)	Publication Chair	May,2020	Jan,2021
4	The 4th International Conference on Data Science and Its Applications 2021 (ICoDSA 2021)	Paper Reviewer	Sep,2021	Oct,2021

5	International Conference on Conceptual Modelling (ER2021)	Paper Reviewer	Mar,2021	June,2021
6	International Journal of Real Estate Studies	Journal Reviewer	May,2020	June,2020
7	2019 Sustainable and Integrated Engineering International Conference (SIE2019)	Publication Member	June,2019	Dec,2019
8	The 6th International Conference on Research and Innovation In Information Systems 2019 (ICRIIS 2019)	Track Chair	June,2019	July,2019
9	The 2017 4th International Conference on Electrical Engineering, Computer Science, and Informatics (EECSI 2017)	Technical Program Committee / Paper Reviewer	Mar,2017	Mar,2017
10	International Symposium on Biometrics and Security Technologies (ISBAST2014)	Committee Member	Mar,2014	Aug,2014

SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
1	Elite Train the Trainer TECFORTE Security Operation Centre (SOC)	SOC Lab, N28a, School of Computing	21/12/2021	27/12/2021
2	APWG Seminar Series (Phishing Attack Investigation and Latest Scam Trends)	Webinar Online	7/7/2021	7/7/2021
3	In Webinar: In Conversation with Security Practitioner (Mr. Adli Wahid, Senior Internet Security Specialist APNIC Brisbane, Australia) as Moderator	School of Computing Facebook	11/8/2020	11/8/2020
4	Social Media Group Interaction Organized by UTM Academic Leadership	UTMLead Online Meeting	29/3/2020	29/3/2020
5	Evaluator of School of Computing Postgraduate Research Seminar (PARS 2013)	School of Computing	24/9/2013	29/9/2013

RESEARCH ACTIVITIES

GRANT AMOUNT (MAIN)	RM 458,000
GRANT AMOUNT (MEMBER)	RM 1,864,853
TOTAL	RM 2,322,853

No	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	START DATE	END DATE	VOTE NO
1	The Integration of Decision Support Components into the Metamodel-based Disaster Management Knowledge Repository System (DMKR)	Project Leader	UTM	Potential Academic Staff	20000	01/04/2013	31/03/2014	Q.J130000.272 8.00K28
2	Bring Your Own Device (BYOD) Security Risk Assessment Metamodel	Project Leader	UTM	Tier 1	50000	01/07/2016	30/06/2018	Q.J130000.252 8.14H82
3	Social Impact of Digital Campus Security Infrastructure	Project Leader	UTM	Flagship-Research Group	30000	01/07/2014	30/06/2016	Q.J130000.242 8.02G47
4	Metamodel Based Framework in Determining House Price Volatility	Project Leader	MOSTI	Fundamental Research Grant Scheme	75000	01/07/2014	30/06/2016	R.J130000.7828 .4F498
5	Public Technology Awareness and Readiness Study in Disaster Management	Project Leader	UTM	Flagship	30000	01/04/2013	31/03/2014	Q.J130000.242 8.00G82
6	UTM-TDR 5.1 (T2): An Ontology-Driven Architecture for Strategic Threat Intelligence	Project Leader	UTM	UTM Transdisciplinary Research Grant	40000	01/12/2018	31/05/2021	Q.J130000.355 1.06G31
7	Identification of Business Intelligence in Managing Big Data for Property Management	Project Leader	Ministry of Finance	Others	53000	01/04/2018	31/12/2020	R.J130000.7328 .4B343

8	UTM-TRG 1.3 Integrated UTM Asset Management Database	Project Leader	UTM	Translational Research@ Campus	60000	01/08/2018	30/09/2020	R.J130000.7851.4J346
9	The Integration of Decision Support Components into the Metamodel-based Disaster Management Knowledge Repository System (DMKR)	Project Leader	UTM	Potential Academic Staff	20000	01/03/2013	01/03/2014	Q.J130000.272.8.00K28
10	Bring Your Own Device (BYOD) Security Risk Assessment Metamodel	Project Leader	UTM	Tier 1	50000	01/07/2016	30/06/2018	Q.J130000.252.8.14H82
11	Social Impact of Digital Campus Security Infrastructure	Project Leader	UTM	Flagship-Research Group	30000	01/07/2014	30/06/2016	Q.J130000.242.8.02G47
12	UTM-TDR 5.5 (T2): Intelligent ChatBot for South China Sea Conflict	Project Member	UTM	UTM Transdisciplinary Research Grant	40000	01/12/2018	31/05/2022	Q.J130000.355.1.05G42
13	UTMIcon 4.2 - Development of an Intelligence Brain (Engine) to Perform Security and Social Threat Profiling and Assessments	Project Member	UTM	UTM RA ICONIC GRANT	143294	01/07/2020	30/06/2023	Q.J130000.435.1.09G61
14	Malaysian Institute of Higher Learning Cyber Security Awareness Assessment and Talent Development Research Programme (MyCS Programme)	Project Member	Other	Contract	200000	15/11/2020	14/11/2022	R.J130000.7613.4C438
15	Community-Based Disaster Informatics for Building Resilient (CITIES2016 Extra Budgetary Contribution for the Republic of Korea (EBC-K) project offered by the Asia Pacific Tele community (APT) under theme of ICT & Disaster Resilient)	Sub Project Leader	Republic of Korea (EBC-K) project offered by the Asia Pacific Tele-community (APT)	Business Entity Research	122510	01/01/2017	28/12/2017	PY/2017/02438

16	"R.J130000.7613.4C438" : Malaysian Institute of Higher Learning Cyber Security Awareness Assessment and Talent Development Research Programme (MyCS Research Programme)	Project Member	Other	Matching Grant	350000	15/11/2020	14/11/2022	Q.J130000.3013.02M83
17	UTM-TDR 5.0: Strategic Threat Intelligence for South China Sea Conflict	Project Member	UTM	UTM Transdisciplinary Research Grant	280000	01/12/2018	31/05/2022	Q.J130000.3509.07G31
18	The Extend of Green Practices in Property Management in Malaysia	Project Member	UTM	Others	89320	01/09/2012	31/08/2015	R.J130000.7327.4B080
19	KTP-NMG 2019: Teknologi Pemantauan Dan Pengesanan Awal Banjir Berasaskan Komuniti- Crowdsourcing Floodfeed.	Project Member	UTM	Business Entity	5000	01/02/2019	31/08/2019	S.J130000.0855.4Y162
20	Privacy Preserving Association Rule Mining Using Attribute-Identity Mapping on Real Sensitive Data	Project Member	UTM	Tier 2	20000	01/02/2018	30/04/2019	Q.J130000.2628.15J10
21	Community-Based Disaster Informatics for Building Resilient Cities	Project Member	Korea	Business Entity	122510	01/04/2017	31/03/2018	S.K130000.0440.4Y109
22	Metamodel System in Determination for House Price in Malaysia	Project Member	UTM	Tier 1	49920	15/11/2015	14/11/2017	Q.J130000.2527.11H96
23	Automated Intelligent-Based Alert Correlation System Using Hybrid Method	Project Member	UTM	Potential Academic Staff	20000	01/06/2014	31/05/2015	Q.J130000.2728.00K97
24	Managing Continual Quality Improvement for Academic Quality Assurance Through Metamodelling Approach	Project Member	UTM	Tier 1	40000	01/04/2014	31/03/2016	Q.J130000.2528.08H13
24	A New Action-Based "Blueprint" Model for Flood Management Domain: A Novel Approach to Ontology Engineering	Project Member	MOSTI	Long Term Research Grant Scheme	227300	01/08/2012	31/07/2016	R.J130000.7828.4L808

25	UTM-TDR 5.2 (T2): Designing Named-Entity-Recognition Approach for Conflict Case Study	Project Member	UTM	UTM Transdisciplinary Research Grant	40000	01/12/2018	31/05/2021	Q.J130000.355 1.05G73
26	Integrated backup and Recovery System	Project Member	UTM	Flagship-Research Group	55000	01/07/2014	30/06/2016	Q.J130000.242 8.02G49
27	Fraudulent Websites Detection System	Project Member	UTM	High Impact Research Grant	50000	01/04/2018	30/09/2021	Q.J130000.245 1.07G38
28	Developing A Framework of Technical and Vocational Education and Training (TVET) for Producing a Competitive Workforce	Project Member	UITM Johor	Geran Penyelidikan Bestari Fasa 3/2020 UITM Johor	5000	6/12/2020	5/6/2022	
29	Metamodel-Based Framework in Governing Online Social Networks Forensic Investigation Critical Processes	Project Leader	UTM	Fundamental Research Grant Scheme	67,500	1/9/2022	31/8/2024	R.J130000.7851 .5F566

COLLABORATION / MOA/ MOU

NO	NAME OF MOU	LEVEL OF MOU (NATIONAL/ INTERNATIONAL)	STARTING DATE	ENDING DATE
1	Memorandum Kerjasama (MoC) di Antara Kerajaan Malaysia (Diwakili oleh Pusat Pencegahan Jenayah Kewangan Nasional (NFCC)) Dengan Universiti Teknologi Malaysia (UTM)	National	29 March, 2022	29 March, 2024
2	MoA with CSM-UTM (Scientific Study on Data Ingestion for Social Media Platform)	National	1 August, 2022	31 Dec, 2022
3	MoA Between BIDNOW-UTM	National	23 August, 2022	23 August, 2023
4	MoU Between BIDNOW-UTM	National	23 August, 2022	23 August, 2023
5	MOA Between Pejabat Setiausaha Kerajaan Negeri Johor (Unit ICT Johor) and School of Computing UTM	National	Jan, 2020	Feb, 2020
6	MOA Between UTM (School of Computing), MDEC and TECFORTE	National	14 Nov, 2020	14, Nov, 2022
7	MOA Between Universitas Telkom Indonesia and UTM (ICODSA 2021)	International	Apr, 2021	Apr, 2021
8	Collaboration between Sedania Innovator with Faculty of Computing, UTM	National	2016	2016

TEACHING ACTIVITIES

UNDERGRADUATE SUBJECTS	117
POSTGRADUATE SUBJECTS	57
TOTAL	174

UNDERGRADUATE

YEAR OF SEMESTER	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	TOTAL STUDENT
202220231	SECR3443	Intro to Cryptography	3	41
202020212	SECR4453	Network Security	6	82
201920202	SCSR1013	Digital Logic	3	6
201920202	SCSR3032	Project 1 Computer Network and Security	2	11
201920202	SCSR4493	Computer Forensic	3	42
201920202	SECR1013	Digital Logic	3	34

201920201	FSPK0012	Computer Literacy	2	60
201920201	SCSR3032	Project 1 Computer Network and Security	2	5
201820192	SCSR4473	Security Management	3	33
201920201	SCSR4493	Computer Forensic	3	27
201720182	SCSR4473	Security Management	3	49
201520162	SCSR4473	Security Management	3	42
201420152	SCR3032	Project 1 Final Year Project	2	1
201520161	SCSR1013	Digital Logic	3	20
201420152	SCSR3032	Project 1 Computer Network and Security	2	50
201320142	SCR4473	Security Management	3	36
201420151	SCR4473	Security Management	3	8
201420151	SCSR1013	Digital Logic	3	19
201420151	SCSR3032	Project 1 Computer Network and Security	2	1
201420151	SCSR4473	Security Management	3	30
201220132	SCR3032	Project 1 Final Year Project	2	50
200720082	DCS2203	System Software	3	4
200820091	SCK1023	Digital Logic	3	1
200720082	SCK1223	Programming Technique II	3	48
200720082	SCK2023	System Software	3	73
200820091	SCR1013	Digital Logic	3	26
200820091	SCR1013	Digital Logic	3	30
200620072	SCK1013	Computer Organization and Assembly Language	3	31
200620072	SCK1013	Computer Organization and Assembly Language	3	24
200720081	SCK1023	Digital Logic	3	27
200720081	SCR1013	Digital Logic	3	21
200520062	SCK1013	Computer Organization and Assembly Language	3	53
200620071	SCK1023	Digital Logic	3	30
200620071	SCK1023	Digital Logic	3	32
200420052	SZC4473	Computer System Special Topic	3	25
200520061	SCK1023	Digital Logic	3	30

200520061	SCK2023	System Software	3	49
200220032	SZK4504	Computer System Special Topic (ATMA)	4	20
200320041	SCS4213	Operating System	3	15
200320041	DCS2213	System Software	3	35
Total Hour:			117	

*** (Undergraduate) Practical Training and Final Year Project (FYP) Supervision**

YEAR OF SEMESTER	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	TOTAL STUDENT
202020212	SCSR4134	Project 2 Computer Network and Security	4	14
201920202	SCSR4134	Project 2 Computer Network and Security	4	5
201720182	SCSR4134	Project 2 Computer Network and Security	2	2
201820191	SCSR3032	Project 2 Computer Network and Security	2	5
201820191	SCSJ3032	Project 2 Computer Network and Security Universiti Sriwijaya, Indonesia (UNSRI)	2	6
201720183	SCSR4134	Project 2 Computer Network and Security	4	10
201620172	SCSR4134	Project 2 Computer Network and Security	4	1
201620173	SCSR4134	Project 2 Computer Network and Security	4	1
201720181	SCSR4134	Project 2 Computer Network and Security	4	7
201620171	SCSR4134	Project 2 Computer Network and Security (IKIP)	4	7
201520162	SCSR4134	Project 2 Computer Network and Security	4	43
201420152	SCSR2032	Project 2 Computer Network and Security	2	2
201520161	SCSJ3032	Project 2 Computer Network and Security (UNSRI Palembang)	2	4
201420152	SCSR4134	Project 2 Computer Network and Security	4	3
201520161	SCSR3032	Project 2 Computer Network and Security (IKIP)	2	5
201420152	SCR4134	Project 2 Computer Network and Security	4	2
201420152	SCSR4134	Project 2 Computer Network and Security	4	48
201420151	SCR4134	Project 2 Computer Network and Security	4	2
201320141	SCR4134	Project 2 Computer Network and Security	4	13

POSTGRADUATE

YEAR OF SEMESTER	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	TOTAL STUDENT
202020211	MCSH1433	Information Security Management	3	14
201820192	MCSH1433	Information Security Management	3	6
201920201	MCSH1433	Information Security Management	3	5
201820191	MCSH1433	Information Security Management	3	13
201820191	MCSH2413	Security Audit & Assessment	3	12
201720181	MCSH1443	Research Methodology	3	5
201720181	MCSH2413	Security Audit & Assessment	3	13
201620172	MCSH2483	Business Continuity Plan	3	19
201720181	MCSS1283	Research Methodology	3	8
201620171	MCSH1433	Information Security Management System	3	7
201420152	MCS1433	Information Security Management System	3	2
201420152	MCSH1433	Information Security Management	3	7
201520161	MCSH2483	Business Continuity Plan	3	17
201320142	MCM2613	Information System Security Management	3	5
201320142	MCS1433	Information Security Management System	3	7
201320141	MCS1433	Information Security Management System	3	15
201220132	MCS2403	Disaster Recovery	3	28
201220131	MCS1433	Information Security Management System	3	30
201220131	UCP0010	Research Methodology	0	24
200520061	MCS1111	Concurrency (UTM CASE)	3	15

Total Hour: 57

SUPERVISION

PHD STUDENTS

PhD Main Supervisor

NO	NAME	STATUS (GRADUATED/ ONGOING)	TITLE	DATE
1	Dr. Rashidah Mokhtar	Graduated	Monitoring Continuous Quality Improvement Framework for Higher Education in Malaysia	2019
2	Dr. Ehab Azhary Seed Ahmed Mohammed Salih	Graduated	Ontology Based Conceptual Model for Business Process Improvement Method in Complex Information Systems (ONTO-BPIM)	2020
3	Dr. Aliyu Musa Bade	Graduated	Metamodelling Technique for Online Social Networks Forensic Investigation	2022
4	Dr. Doaa Saleh Abobakr Baras	Graduated	Managing Information Security Management Business Processes Knowledge Through Metamodelling Approach	2023
5	Dr. Muhammed Ahmed Saleh	Graduated	Modelling of Metamodel Standard Framework for Internet of Things (IoT) Forensic Investigation through Metamodelling Technique	2024
6	Dr. Ferdiansyah	Graduated	Data Mining-based Economic Value Estimation for Cryptocurrency Value back by Gold	2024
7	Dr. Mohamed Noordin Yusuff Marican	Graduated	Cyber Security Maturity Framework for Technology Startups in Singapore	2024
8	Mohamed Mostafa Ali Montaser	In-Viva	Blockchain-based Tracking and Tracing Management System	2022
9	Aldawsari Saeed Abdullah	Ongoing	Cybersecurity Framework for Prioritized Privacy Preservation in Saudi Healthcare Sector	2022
10	Mona Liza Binti Ja`afar	Ongoing	Methodological Improvement in Cybersecurity IT Risk Auditing Program through Bibliometric Analysis Approach	2022
11	Alsubaie Naif Mohammed Q	Ongoing	A Comprehensive Cybersecurity Incident Response Capabilities Measuring Method for Saudi Arabia Small Business Sector	2022

12	Alshammari Fudhyah Saif K	Ongoing	Developing digital awareness at school: a fundamental step for cybersecurity education in Saudi Arabia.	2022
13	Siti Hajar Binti Mohd Yusof	Ongoing	Adaptive Data Privacy Policy for Organization with Different Criteria Factors	2022
14	Zabid Bashar Ahmed Khalaf	Ongoing	Deep Reinforcement Learning Multi Agent System Model for Detecting Link Flooding Attacks Targeting Smart City Networks	2022
15	Ahmad Faris Aiman Bin Arizal	Ongoing	PRISM: A Privacy-Preserving Machine Learning Framework for Financial Institutions in Malaysia	2024
16	Nor Farahziba Binti Hamadun	Ongoing	Automated Fake Profiles Detection Using Natural Language Processing and IP Address Analysis	2024
17	Almugern,Rafef Saleh A	Ongoing	A Metamodeling Approach for Structuring and Orgnizing Cloud Forensic Domain	2024
18	Senan Adel Mawlood Al Hasan	Ongoing	Developing Management of Drone Forensic Investigations Through Metamodelling Technique	2024

PhD Co Supervisor

NO	NAME	STATUS (GRADUATED/ ONGOING)	TITLE	DATE
1	Dr. Arafat Mohammed Rashad Al-Dhaqm	Graduated	Metamodelling Approach for managing Database Forensic Investigation	2019
2	Abdulalem Ali Mohammed Saleh	Graduated	Structuring and organizing mobile forensics domain knowledge using metamodeling approach	2021
3	Khairun Nisyak Binti Zakaria	Graduated	Audit Process Framework for Cyber Security Risk Threats Through Metamodelling Approach	2022
4	Muhammad Zubair Bin Tajol Anuar	Graduated	Development of Framework for Building Condition Assessment and Performance Evaluation	2024
5	Adamu Abdullahi Garba	Graduated	A predictive cybersecurity awareness maturity framework based on naive bayes	2024
6	Muhammad Fikri Bin Khairudin	Ongoing	Automated Structural Condition Assessment by using Convolutional Neural Network Technique	2020

7	Ziyad Abdel Hafez Saleh Nassar	Ongoing	Optimizing Blockchain Application Performance in Consortium Permissioned Network Using Hyperledger Fabric	2020
8	Mohamed Awad A Elmagbari	Ongoing	A Comprehensive Framework to Determine Cybersecurity Readiness towards Application of Medical Cyber Physical Systems in Healthcare	2020
9	Mohamad Hussam Al Khatib	Ongoing	A Hybrid Stock Prediction Mode	2020

MASTER STUDENTS

Master by Research (Main Supervisor)

NO	NAME	STATUS (GRADUATED/ ONGOING)	TITLE	DATE
1	Siti Hajar Mohd Yusof	Graduated	Cyberpsychology Determinant Factors of Internet Addiction among Adolescents	2017
2	Zamhariah Md Zain	Graduated	Integrating Security in the Bring Your Own Device (BYOD) Metamodelling	2017
3	Aishah Abdullah	Graduated	Metamodel-based for Managing House Price Volatility	2017

Master by Taught Course (Main Supervisor)

NO	NAME	STATUS (GRADUATED/ ONGOING)	TITLE	DATE
1	Ain Afiqah Binti Haji Agus Salim (Master of Cybersecurity)	Graduated	Adaptive IoT Security Kit for Small Medium Enterprise	2022
2	Abubakr Osama Osman Bashir (Master of Cybersecurity)	Ongoing	Implementation of Security System for SUST South Campus Network using Software-Defined Network (SDN)	2022
3	Mohammad Mohammad Song (Master of Cybersecurity)	Ongoing	Incorporating Cybersecurity Awareness Strategies for Teenagers into Nigeria's National Cybersecurity Policy	2022
4	Amna Rashid Ali Abdullah Al Araiimi (Master of Cybersecurity)	Graduated	Android malware detection using machine learning	2022

5	Muhammad Amir Bin Hamzah (<i>Master of Information Security</i>)	Graduated	Artificial Intelligence Algorithm Enhancement in Intrusion Detection and Prevention System for Wireless Sensor Network.	2021
6	Sambo Sisala (<i>Master of Information Security</i>)	Graduated	A Development of Ontology for Bring Your Own Devices (BYOD) in Hospitals	2020
7	Nordziakon Husnan (<i>Master of Information Security</i>)	Graduated	Embedded Critical Thinking in the IT Security Internal Audit Process among Government Operational IT Staff	2020
8	Amirah Mahirah Razali (<i>Master of Information Security</i>)	Graduated	Blockchain-based Halal Compliance Monitoring for Administering Malaysia Halal Product	2020
9	Salman Humdullah (<i>Master of Information Security</i>)	Graduated	Secured Data Storage Framework for Land Registration Using Blockchain Technique	2020
10	Idi Mohamed (<i>Master of Computer Science</i>)	Graduated	Cybersecurity Capability Maturity Model (C2M2) for Critical Information Technology Infrastructure among Nigeria Financial Organizations	2019
11	Muhammad Fakhrol Syazwan Kamarudin (<i>Master of Information Security</i>)	Graduated	An Ontology Development Architecture for Strategic Threat Intelligence South China Sea Conflict	2019
12	Alaskary Abdulaziz Abdullah (<i>Master of Information Security</i>)	Graduated	Evaluating Human Factors of Information Security Awareness in Taibah University, Madinah	2019
13	Desmond Ko Khang Siang (<i>Master of Information Security</i>)	Graduated	Performance Analysis of Lightweight Cryptography in IoT Protocol (Message Queuing Telemetry Transport)	2017
14	Haniyana Haidzir (<i>Master of Information Security</i>)	Graduated	Business Continuity Maturity Model for Malaysian Public Hospitals Sector	2017
15	Clement Chen Kai Wen (<i>Master of Information Security</i>)	Graduated	A Development of Metamodel for IT Information Assets Security Risk Audit and Assessment for Commercial Banks	2018
16	Md Yeahia Bhuiyan (<i>Master of Information Security</i>)	Graduated	An Enhancement of the Technology-Organization-Environment model for Assessing IT cloud adoption Service Level Agreement Security Objectives	2017

17	Muneeb-UI-Hasan (<i>Master of Information Security</i>)	Graduated	A Development of an Information Security (IS) Database Audit and Assessment Conceptual Framework for University-based Organizations	2018
18	Zurain Nasaruddin (<i>Master of Information Security</i>)	Graduated	Public Data Audit Method by using Requirement Engineering for Public Hospital	2018
19	Choo Xin Ying (<i>Master of Information Security</i>)	Graduated	Evaluate and Rank Vulnerability Affecting University's Computing Environment through Common Vulnerability Scoring System (CVSS)	2018
20	Abbas Yaslam Saeed Hussein (<i>Master of Information Security</i>)	Graduated	Information Security Awareness Framework for Enhancing Security Privacy Among Twitter Users: Case Study Among University Students	2017
21	Youssef Mahamat Koukou (<i>Master of Information Security</i>)	Graduated	Method Engineering Approach for managing Business Process of Computer Network Disaster	2016
22	Saqer Saleh Mohamed (<i>Master of Information Security</i>)	Graduated	Big Data Security Classification Framework	2015
23	Ali Saifullah Jasmy (<i>Master of Information Security</i>)	Graduated	Case-based Reasoning Retrieval Access Control Model for Telecardiology	2014
24	Wadzani Aduwamai Gadzama (<i>Master of Information Security</i>)	Graduated	Assessing the Employees Awareness and Usage of Information Security Policy in Federal Inland Revenue Service Nigeria	2014
25	Maeen Mohammed Abdulbaqi Alkhateeb (<i>Master of Information Security</i>)	Graduated	Business Continuity Plan Framework for Small IT Businesses	2014
26	Ali Abdulwahid Mohamed (<i>Master of Information Security</i>)	Graduated	Categorizing System Criticality Guideline for Medical Health-based Organization	2014
27	Hussein Yusuf Sheikh Ali (<i>Master of Information Security</i>)	Graduated	Requirement Factors in Developing A Disaster Recovery Planning for IT-based organizations	2014
28	Alwuhayd Muteb Mohammed (<i>Master of Information Security</i>)	Graduated	Assessing Cloud Computing Security Level of Awareness among IT and non-IT Students in UTM	2014
29	Mohammed Salem Mohammed	Graduated	A Development of a Security Risk Management Metamodel	2013

	Bamuqabel (<i>Master of Information Security</i>)			
30	Hussein Ahmed Hashi (<i>Master of Information Security</i>)	Graduated	A Development of Physical Security Asset Protection Metamodel	2013
31	Fatemeh Sabbaghi (<i>Master of Information Security</i>)	Graduated	The Redundancy-based Disaster Recovery Framework for Cloud Computing	2013

UTM POSTGRADUATE EXAMINATION / VIVA

PHD

NO	ROLE	NAME OF STUDENT	TITLE	YEAR
1	Examiner	Dai Xin	Data stream frequent itemsets mining and concept drift detection based on automata technique	2021
2	Examiner	Ramzy Mohamed Ali Gebreel Mohamed	Head Movement Controlled Human-Computer Interaction for Disabled People	2020
3	Examiner	Mohamed Awad A Elmagbari	A Comprehensive Framework to Determine Cybersecurity Readiness Towards Implementation Of Medical Cyber Physical Systems in Healthcare	2020
4	Examiner	Norsyaliza Abd Razak	Database Attribute Selection Model in ETL Process for Malaysian Healthcare Data Warehouse Development	2020

MASTER BY RESEARCH

NO	ROLE	NAME OF STUDENT	TITLE	YEAR
1	Examiner	Asaju Abdulazeez Olamilekan	Game Based Authentication Mechanism for EDOS Framework	2019

MASTER BY MIXED-MODE/TAUGHT COURSE

NO	ROLE	NAME OF STUDENT	TITLE	YEAR
1	Examiner	Talha Farid	Hybrid of Supervised Learning and Optimization Algorithm for Optimal Detection of IOT DDOS Attacks	2021
2	Examiner	Fakhriyah Salih Mohammed Abouzaekkouk	Adopting Deep Learning for Detection of DDOS Attack on IOT	2021
3	Examiner	Oyinkansola Oluwapelumi Kemi Afolabi-Babarinsa	Intrusion Alert Reduction Based on Integration of Unsupervised and Supervised Learning Algorithms	2021
4	Examiner	Ayub Suleiman Jama	Extending the UTAUT Model to Examine Security Hesitation of Mobile Money in Somalia	2020

5	Examiner	Sani Umar	An Improved Energy Efficient Pressure Based Data Scheme for Underwater Wireless Sensor Network	2020
6	Examiner	Hani Ghassan	Spam Review Detection on Hybrid of Bio-Inspired Feature Selection and Classification Algorithm	2019
7	Examiner	Mutasem Mohammad Yousef Zrekat	Organizational Readiness to Adopt Internet of Things in Jordanian Public Hospitals	2019
8	Examiner	Rafeena Mohamad Rabii	Cyberbully Detection Using Term Weighting Scheme and Naïve Bayes Classifier	2019
9	Examiner	Nur Rafeeqa Sulaiman	Named Entity Relationships for South China Sea Conflict	2019
10	Examiner	Asaju Abdulazeez Olamilekan	Game Based Authentication Mechanism for EDOS Framework	2019
11	Examiner	Amer Saeed Ali Alkatheri	Classification of Sexual Harassment on Facebook using TF-IDF Term Weighting Scheme	2017
12	Examiner	Asiah Mastura Binti Suhaimi	Key Management System Based on The Public Key Infrastructure for Cloud Storage	2017
13	Examiner	Hasan Binjuraid	Case-Based Digital Registry Diagnostic Application	2016
14	Examiner	Jason Tan Zheng Xun	Comparative Study on PPDM using Encryption Techniques with K-Means Clustering	2017
15	Examiner	Nurain Binti Zulkiflee	Fraud and Scam Detection in English Website	2016
16	Examiner	Nurul Hafizah Hazwani Binti Hashim	Fraud and Scam Detection in Malay Website	2016

EXTERNAL POSTGRADUATE EXAMINATION / VIVA

PHD

NO	ROLE	NAME OF STUDENT	TITLE	YEAR	UNIVERSITY
1	External Examiner	Aldhanhani Mohamed Jumah Mohamed Ali	The Effectiveness of the Current Cybersecurity Framework of the United Arab Emirates' Oil and Gas Sector	2022	Universiti Perguruan Sultan Idris (UPSI)

2	External Examiner	Norulzahrah binti Mohd Zainudin	Model Kesediaan Forensik Digital Bersepadu Untuk Keselamatan Siber di Malaysia	2024	Universiti Pertahanan Nasional Malaysia (UPNM)
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PUBLICATIONS

JOURNAL

No	Article Title	Journal Title	EISSN	Vol.	Issues	Page	Publication Year	IF	Type Of Publication	Category Of Publication	Quartile Ranking	Category Author
1	Developing Reusable Covid-19 Disaster Management Plans Using Agent-Based Analysis	MDPI Sustainability (Risk Assessment and Sustainable Disaster Management)	2071-1050	14	12	6981	2022	2.576	Published	WOS Indexed Journal	Q2	Co-Author
2	A Review of Support Vector Machine-based Intrusion Detection System for Wireless Sensor Network with Different Kernel Functions	International Journal of Innovative Computing	2180-4370	11	1	-	2021	0	Published	Non-indexed Journal	0	Co-Author
3	A Systematic Review of Published Articles, Phases and Activities in an Online Social Networks Forensic Investigation Domain	International Journal of Advanced Computer Science and Applications (IJACSA)	2156-5570	12	11	153-160	2021	1.092	Published	Indexed Journal	Q4	Co-Author
4	Face Validation of Database Forensic Investigation Metamodel	MDPI Infrastructures	2412-3811	6	2	13	2021	0.24	Published	Indexed Journal	Q3	Co-Author

5	Developing a Mobile Device Management (MDM) Security Metamodel for Bring Your Own Devices (BYOD) in Hospitals	International Journal of Innovative Computing (IJIC)	2180-4370	10	2	33-40	2021	0	Published	Non-indexed Journal	0	Co-Author
6	A Big Data & Business Intelligence in Government Office Buildings	Asia Proceedings of Social Sciences	2663-6638	7	1	14-17	2021	0	Published	Non-indexed Journal	0	Co-Author
7	Database Forensic Investigation Process Models: A Review	IEEE Access	2169-3536	8		48477-48490	2020	4.61	Published	Indexed Journal	Q1	Co-Author
8	Cyber Security Awareness among University Students: A Case Study	International Journal of Advanced Science and Technology (IJAST)	2207-6360	29	10	767-776	2020	0	Published	Indexed Journal	Scopus	Co-Author
9	An Explanatory Review on Cybersecurity Capability Maturity Models	Advances in Science, Technology and Engineering Systems Journal	24156698	5	4	762-769	2020	0	Published	Indexed Journal	Scopus	Co-Author
10	A Study on Cybersecurity Awareness Among Students in Yobe State University, Nigeria: A Quantitative Approach	International Journal on Emerging Technologies	0975-8364	11		41-49	2020	0	Published	Indexed Journal	Scopus	Co-Author

11	Business Process Improvement Methods in Healthcare: A Comparative Study	International Journal of Health Care Quality Assurance	0952-6862	32	5	887-908	2020	1.13	Published	Indexed Journal	Q2	Co-Author
12	Feature Extraction and Selection Method of Cyber-Attack and Threat Profiling in Cybersecurity Audit	Journal of Telecommunication, Electronic and Computer Engineering	2289-8131	9	1	95-100	2019	0.41	Published	Indexed Journal	Q4	Co-Author
13	A Study of Economic Value Estimation on Cryptocurrency Value back by Gold, Methods, Techniques, and Tool	Journal of Information Systems and Informatics	2656-4882	1	2	178-192	2019	0	Published	Non-indexed Journal	0	Co-Author
14	The Cyberpsychology Factors of Internet Addiction among School Teenagers	International Journal of Innovative Computing (IJIC)	2180-4370	8		31-37	2018	0	Published	Non-indexed Journal	0	Co-Author
15	Comparative Study on Perturbation Techniques in Privacy Preserving Data Mining on Two Numeric Datasets	International Journal of Innovative Computing (IJIC)	2180-4370	8	1	27-32	2018	0	Published	Non-indexed Journal	0	Co-Author
16	Evaluation of Business Continuity Plan Maturity Level Using Business Continuity Maturity Model	International Journal of Innovative Computing (IJIC)	2180-4370	8	1	33-42	2018	0	Published	Non-indexed Journal	0	Co-Author

17	Development of Metamodel on Information Security Risk Audit and Assessment for IT Assets in Commercial Bank	International Journal of Innovative Computing (IJIC)	2180-4370	8	2	23-32	2018	0	Published	Non-indexed Journal	0	Co-Author
18	CDBFIP: Common Database Forensic Investigation Processes for Internet of Things	IEEE Access	2169-3536	32	5	887-908	2017	3.244	Published	Indexed Journal	Q1	Co-Author
19	A Metamodel for Mobile Forensics Investigation Domain	PLOS ONE	1932-6203	12	4	e01762 23	2017	3.057	Published	Indexed Journal	Q1	Co-Author
20	Development and Validation of a Database Forensic Metamodel (DBFM)	PLOS ONE	1932-6203	12	-	e01762 23	2016	3.057	Published	Indexed Journal	Q1	Co-Author
21	A Generic Database Forensic Investigation Model	Jurnal Teknologi	2180-3722	78	-	45-57	2016	0	Published	Non-indexed Journal	0	Co-Author
22	The Design of the Academic Quality Assurance Management Information System	Journal of Information	1344-8994	19	7	2851-2856	2016	0	Published	Indexed Journal	Scopus	Co-Author
23	An Assessment-based Metamodel towards a Best Practice Assessment Model in Higher Education	Indian Journal of Science & Technology	0974-5645	9	34	1-11	2016	0	Published	Indexed Journal	Scopus	Co-Author
24	A Metamodel-based Knowledge Sharing System for Disaster Management	Expert Systems with Applications	0957-4174	63	-	49-65	2016	2.981	Published	Indexed Journal	Q1	Main Author

25	Structuring Knowledge on House Price Volatility through a Metamodel	ARNP Journal of Engineering and Applied Sciences	1819-6608	10	-	17785-17795	2015	0	Published	Indexed Journal	Scopus	Co-Author
26	Comparative Study Of AES, Blowfish, CAST-128 And DES Encryption Algorithm	IOSR Journal of Engineering	2250-3021	6	6	1-7	2016	0	Published	Indexed Journal	Scopus	Co-Author
27	Smart approach of E-exam assessment method using face recognition to address identity theft and cheating	International Journal of Computer Science and Information Security	1947-5500	14	10	515	2016	0	Published	Non-Indexed Journal	0	Co-Author
28	An Improvement of Student Examination Assessment through Online (e-Exam) by Considering Psychological Distress Factors	IRACST–Int J Comput Sci Inform Technol Secur (IJCSITS)	0975–9646	6	5	-	2016	0	Published	Non-Indexed Journal	0	Co-Author
29	Conceptual Investigation Process Model for Managing Database Forensic Investigation Knowledge	Research Journal of Applied Sciences, Engineering and Technology (RJASET)	2040-7459	12	4	386-394	2015	0	Published	Indexed Journal	0	Co-Author
30	Structuring Knowledge on House Price Volatility through a Metamodel	ARNP Journal of Engineering and Applied Sciences	1819-6608	10	-	17785-17795	2015	0	Published	Indexed Journal	Scopus	Co-Author

31	Model-driven Disaster Management	Information and Management	0378-7206	50	5	218-228	2014	1.663	Published	ISI Indexed Journal	Q1	Main Author
32	Development and Validation of a Disaster Management Metamodel (DMM)	Information Processing & Management (IPM)	0306-4573	50	2	235-271	2013	6.222	Published	ISI Indexed Journal	Q1	Main Author

Total Citations : 1761

h-index : 22

i10-index : 36

PROCEEDINGS/ CONFERENCE

- 1) S. M. S. Saad, R. Z. R. M. Radzi and S. H. Othman, "Comparative Analysis of the Blockchain Consensus Algorithm Between Proof of Stake and Delegated Proof of Stake," 2021 International Conference on Data Science and Its Applications (ICoDSA), 2021, pp. 175-180, DOI: 10.1109/ICoDSA53588.2021.9617549.
- 2) D. S. A. Baras, S. H. Othman, A. Al-Dhaqm and R. Z. R. M. Radzi, "Information Security Management Metamodel (ISMM) Validation and Verification through Frequency-based Selection Technique," 2021 International Conference on Data Science and Its Applications (ICoDSA), 2021, pp. 292-297, DOI: 10.1109/ICoDSA53588.2021.9617527. (Scopus indexed)
- 3) M. A. Saleh, S. Hajar Othman, A. Al-Dhaqm and M. A. Al-Khasawneh, "Common Investigation Process Model for Internet of Things Forensics" 2021 2nd International Conference on Smart Computing and Electronic Enterprise (ICSCEE), 2021, pp. 84-89, DOI: 10.1109/ICSCEE50312.2021.9498045. (Scopus indexed)
- 4) Salman Humdullah, Siti Hajar Othman, Muhammad Najib Razali, Hazinah Kutty Mammi (2021), "Secured Data Storage Framework for Land Registration using Blockchain Technique ", 2021 3rd International Cyber Resilience Conference (CRC2021), Online Conference. (Scopus indexed)
- 5) Mohamed Mostafa Ali Montaser, Siti Hajar Othman, Raja Zahilah Raja Md Radzi, (2021), "Secured Tracking and Tracing System Based on Blockchain Technology", 2021 3rd International Cyber Resilience Conference (CRC2021), Online Conference. (Scopus indexed)
- 6) M. A. Fiquaro, R. Zahilah, S. H. Othman, M. M. Arshad, and S. M. Sheikh Saad, "Vaccination System using Blockchain Technology: A Prototype Development," 2021 3rd International Cyber Resilience Conference (CRC), 2021, pp. 1-6, DOI: 10.1109/CRC50527.2021.9392416. (Scopus indexed)

- 7) Zakaria, K. N., S. H. Othman, and A. Zainal. "Review of Cybersecurity Audit Management and Execution Approaches" Paper presented at the 2019 6th International Conference on Research and Innovation in Information Systems (ICRIIS), 2-3 Dec. 2019 (Scopus Indexed)
- 8) Muhammad Fakhrol Syazwan Kamarudin and Siti Hajar Othman, "An Ontology Development Architecture for Strategic Threat Intelligence of South China Sea Conflict (OntoSCSC)", Proceeding of the Sustainable & Integrated Engineering International Conference (SIE2019).
- 9) M. F. S. Kamarudin and S. H. Othman, "An Ontology Development Architecture for Strategic Threat Intelligence of South China Sea Conflict (OntoSCSC)," IOP Conference Series: Materials Science and Engineering, vol. 884, no. 1, p. 012049, 2020/07/01 2020, DOI: 10.1088/1757-899x/884/1/012049.
- 10) S. M. S. Saad, R. Z. R. M. Radzi and S. H. Othman, "Comparative Analysis of the Blockchain Consensus Algorithm Between Proof of Stake and Delegated Proof of Stake," 2021 International Conference on Data Science and Its Applications (ICoDSA2021), 2021, pp. 175-180, DOI: 10.1109/ICoDSA53588.2021.9617549.
- 11) Sardi M.F., Yusof A.F.M., Razak K.A., Dziauddin R.A., Othman S.H., Zulkaple M. (2021) ICT-Based Landslide Disaster Simulation Drill: Road to Achieve 2030 Global Commitment. In: Sassa K., Mikoš M., Sassa S., Bobrowsky P.T., Takara K., Dang K. (eds) Understanding and Reducing Landslide Disaster Risk. WLF 2020. ICL Contribution to Landslide Disaster Risk Reduction. Springer, Cham. https://doi.org.ezproxy.utm.my/10.1007/978-3-030-60196-6_51
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- 23) UTM Computing Proceeding 2017 "Innovations in Computing Technology and Applications", Faisal Saeed, Ruhaidah Samsudin, Siti Hajar Othman, Zuraini Ali Shah, Nadhmi Abduljalil Gazem, Johan Mohamad Sharif (ISBN: 978-967-0194-95-0)(ISBN: 978-967-0194-97-4)
- 24) Prosiding Komputeran UTM 2017 "Inovasi di dalam Aplikasi dan Teknologi Komputeran", Faisal Saeed, Ruhaidah Samsudin, Siti Hajar Othman, Zuraini Ali Shah, Nadhmi Abduljalil Gazem, Johan Mohamad Sharif (ISBN: 978-967-0194-96-7)
- 25) UTM Computing 2016 "Innovations in Computing Technology and Applications", Faisal Saeed, Ruhaidah Samsudin, Siti Hajar Othman, Zuraini Ali Shah, Rohayanti Hassan, Masitah Ghazali, Johan Mohamad Sharif (ISBN:978-967-0194-81-3)
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- 36) Othman S.H and Beydoun. G. (2012), "Evaluating Disaster Management Knowledge Model by Using a Frequency-Based Selection technique" in The 2012 Pacific Rim Knowledge Acquisition Workshop, Kuching, Sarawak.
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- 44) M.N. Razali, D.M. Juanil, S.H. Othman (2004), "A Model for Knowledge Management Strategy: An Application in Real Estate"
- 45) Najib Razali, Siti Hajar Othman (2004) "The Design of Best Practice Framework in ICT Concept in Facilities Management", International Business Management Conference (IBMC 2004), Malaysia.

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- 47) Siti Hajar Othman, Shamsul Shahibuddin (2000), "Subject Registration System Using Client Server, Internet and Legacy System", MSTC 2000, Malaysia.

SEMINARS/ WORKSHOPS

- 1) Ferdiansyah, Siti Hajar Othman, Raja Zahilah Raja Md Radzi and Deris Stiawan (2019), "*A Study of Bitcoin Stock Market Prediction: Methods, Techniques and Tools* ", Postgraduate Annual Research Seminar 2019 (PARS 2019)
- 2) SISAT School Series of Colloquium (2010) (Presenter: Siti Hajar Othman; Title: "Metamodel Validation Techniques"); on 14 August 2010, at Meeting Room, Building 39a, Faculty of Informatics, University of Wollongong.
- 3) SISAT School Series of Colloquium (2011) (Presenter: Siti Hajar Othman; Title: "Disaster Management (DM) Knowledge Modelling: An Instantiation of DM Models From DM Metamodel"; on 28 July 2011, at Meeting Room, Building 39a, Faculty of Informatics, University of Wollongong.
- 4) SISAT School Series of Colloquium (2011) (Presenter: Siti Hajar Othman; Title: "The Prototype system of a Metamodel-based Disaster Management Knowledge Repository; on December 2011, at Meeting Room, Building 39a, Faculty of Informatics, University of Wollongong.
- 5) tACT 2006 (Expo on the Art of Computing Technology 2006) Treasurer ; Date : 19 Jan 2006 – 22 Jan 2006, Venue : Dewan Sultan Iskandar, UTM, Skudai, Johor, MALAYSIA

THESIS

- 1) **(PhD)** Siti Hajar Othman, "Metamodelling Approach for Managing Disaster Management Knowledge". Doctor of Philosophy (PhD), University of Wollongong, Australia, 2012.
- 2) **(Master Degree)** Siti Hajar Othman, "Software Development of ISO Document Tracking System (IDTS) For Consultancy Unit, Bureau of Innovation and Consultancy, UTM Skudai". Master of Science (Real Time Software Engineering), 2002.
- 3) **(Bachelor Degree)** Siti Hajar Othman, "Capaian dan Integrasi Sistem Legasi Dengan Menggunakan Teknologi Internet dan Pelanggan Pelayan (Integration of Legacy System By Using a Internet and Client Server Technology)". Bachelor of Science (Computer Science), 2000.

ORIGINAL BOOK

- 1) Logik Digital: Bahagian 1 (2021), Raja Zahilah Raja Mohd Radzi, Hazinah Kutty Mammi, Mazleena Salleh, Muhalim Mohamed Amin And Siti Hajar Othman, Dewan Bahasa Dan Pustaka (DBP) (Status: In Publication Process)
- 2) Logik Digital: Bahagian 2 (2022), Raja Zahilah Raja Md Radzi, Hazinah Kutty Mammi, Mazleena Salleh, Siti Hajar Othman. Dewan Bahasa dan Pustaka (DBP) (Status: In progress)
- 3) Buku Panduan Latihan Praktik FSKSM (2007), Norazah Yusof, Siti Hajar Othman, Nik Isrozaidi, Nazmona Mat Ali, Noranita Fairos, Sazali Manaf, Haswadi, Suraya Miskon, Zuraini Ali Shah, Johan Mohamed Sharif, Razana Alwee.

BOOK CHAPTER

- 1) Othman, S. H. (2014). Supporting Domain Ontology through a Metamodel: A Disaster Management Case Study. In I. Management Association (Eds.), Crisis Management: Concepts, Methodologies, Tools, and Applications (pp. 1019-1037). IGI Global. <http://DOI:10.4018/978-1-4666-4707-7.ch050>
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- 4) Othman S.H and Beydoun. G. (2010). "Evaluating Disaster Management Knowledge Model by Using a Frequency-Based Selection Technique" Lecture Notes in Computer Science (LNCS) 2012, Vol: 7457/2012, Knowledge Management and Acquisition for Intelligent System, pp. 12-27, DOI: 10.1007/978-3-642-32541-0_2.
- 5) Othman, S. H. (2013). Supporting Domain Ontology through a Metamodel: A Disaster Management Case Study. In M. Nazir Ahmad, R. Colomb, & M. Abdullah (Eds.), Ontology-Based Applications for Enterprise Systems and Knowledge Management (pp. 191-209). Hershey, PA: Information Science Reference. DOI:10.4018/978-1-4666-1993-7.ch011

EXPERT REPORT

- 1) Strategic Report on "China's Behavioral Pattern Towards South China Sea Conflicts" (2021) for Malaysian Foreign Ministry by Amiruddin Abd Wahab, Siti Hajar Othman, Mohammad Nizam Kassim, Anazida Zainal.

- 2) Johor Land HRMS System Penetration Testing Report version 1.0, (2021) by Bander Ali Saleh Al-Rimy, Fuaad Abdel Galel, Anazida Zainal, Siti Hajar Othman, Rashidah Abd Kadir.
- 3) Johor Land Cloud Security and Cybersecurity Framework Report version 1.0, (2021) by Siti Hajar Othman, Rashidah Abd Kadir, Maheyzah Md Siraj, Muhalim Mohamed Amin, Hazinah Kutty Mammi, Arafat Al-Dhaqm.
- 4) Johor Land Cloud Security and Cybersecurity Policies Report version 1.0, (2021) by Siti Hajar Othman, Rashidah Abd Kadir, Maheyzah Md Siraj, Muhalim Mohamed Amin, Hazinah Kutty Mammi, Arafat Al-Dhaqm.
- 5) Report on "Issues on College Student's Academic Performance" (2003), Siti Hajar Othman, Asniza Murad, Hafizah Ngajikin, Kursus Induksi Felo UTM
- 6) Report on "Case Study on The Needs of Expertise and Knowledge For Current Jobs Market for Computer Science Student" (2001), Siti Hajar Othman, Maheyzah Md Siraj, FSKSM UTM

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- 6) M. A. Saleh, S. Hajar Othman, A. Al-Dhaqm and M. A. Al-Khasawneh, "Common Investigation Process Model for Internet of Things Forensics" 2021 2nd International Conference on Smart Computing and Electronic Enterprise (ICSCEE), 2021, pp. 84-89, DOI: 10.1109/ICSCEE50312.2021.9498045. (*Scopus indexed*)
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PLENARY/ CHAIRPERSON/ ORAL POSTER PRESENTER/ KEYNOTE ADDRESS / INVITED GUEST SPEAKER

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1	Conference Chair	The 2025 4 th International Conference on Cyber Security, Artificial Intelligence and Digital Economy	7-9 March 2025	UTM, Johor Bahru
2	Invited Lecturer/Speaker	AI for Cybersecurity Talk in Universitas Sepuluh Nopember, Surabaya Indonesia	6-10 May 2024	Surabaya, Indonesia
3	Invited Lecturer/Speaker	International Lecture Series Universitas Teknokrat Indonesia	16 November 2022	Indonesia
4	Invited Guest Speaker	Social Computing and Cultural Modelling (SCCM 2011) Conference	10 March, 2011	Chieng Mai, Thailand
5	Invited Guest Speaker	2nd Asia Conference on Computers and Communications ACCC2021 (Singapore)	24 Sep, 2021	Singapore
6	Track Chair	The Cyber Resilience Conference (CRC2021)	31 Jan, 2020	Johor Bharu, Johor (Online)
7	Track Chair	The 6th International Conference on Research and Innovation in Information Systems 2019 (ICRIIS2019)	31 Dec, 2019	Johor Bharu, Johor

8	Track Chair	The 22nd Australasian Conference on Information Systems (ACIS2011), Sydney, Australia (Track: IS and Service-based Systems Track)	Jan, 2011	Sydney, Australia
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PROFESSIONAL SERVICES

Consultation and Training

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION	TOTAL INCOME GENERATED (RM)
1	Project Consultant Leader	BIDNOW Penetration Testing for BIDNOW Marketplace Application System	1/12/2022	BIDNOW Sdn Bhd Penang	RM10,000
1	Project Consultant	Pembangunan dan Analisis Kompetensi Teknologi Maklumat Dan Juruteknik (Vot: 1633)	29/1/2020	ICT Johor and School of Computing UTM	RM5000
2	Project Team	Projek Malaysian Higher Learning Cybersecurity Awareness and Talent Development (MySC Research Programme UTM-MDEC-TECFORTE)	1/11/2021	SOC Lab, School of Computing,	RM40,000
3	Project Consultant	Johor Land Cybersecurity and Cloud Security Framework Development	1/12/2021	JohorLand and School of Computing	RM30,000 (Estimation)
4	Internal Consultant Project Advisor	Pembangunan Polisi Pembangunan Data UTM	1/11/2021	UTM Digital UTMJB and School of Computing	Internal Consultant
5	Internal Consultant Project Advisor	Pembangunan Polisi Perlindungan Data UTM	1/11/2021	UTM Digital UTMJB and School of Computing	Internal Consultant
6	Internal Consultant Project Advisor	Pembangunan Prosedur Data Privasi UTM	1/11/2021	UTM Digital UTMJB and School of Computing	Internal Consultant
7	Project Team Member	Community-Based Disaster Informatics for Building Resilient (CITIES2016 Extra Budgetary)	1/1/2017	Disaster Preparedness & Prevention Centre (DPPC), MJIIT UTMKL	RM122,510

		Contribution for the Republic of Korea (EBC-K project)			
8	Conference Organizing Committee Member	The 3rd International Conference on Cyber Resilience Conference (CRC2021)	2021	UTM Johor Bharu (Online)	RM33,000
9	Conference Organizing Committee Member	The International Conference on Data Science and Its Applications (ICoDSA2021)	2021	UTM Johor Bharu and Jakarta (Online)	RM50,000
10	Conference Organizing Committee Member	International Symposium on Biometrics and Security Technologies (ISBAST2014)	2014	Kuala Lumpur, Malaysia	RM88.141.00

Journal / Conference Reviewer

NO	ROLE	TITLE OF PROGRAMME	YEAR
1	Conference Chair	2025 4th International Conference on Cybersecurity, Artificial Intelligence and the Digital Economy (CSAIDE 2025)	2025
2	Journal Paper Reviewer	Applied Science MDPI	2022
3	Journal Paper Reviewer	Expert Systems With Applications (ESWA)	2022
4	Journal Paper Reviewer	Elsevier - Information Systems Research (ISR)	2022
5	Journal Paper Reviewer	Transactions on Network Science and Engineering (TNSE)	2022
6	Journal Paper Reviewer	Sensors MDPI	2021 & 2022
7	Journal Paper Reviewer	Journal of Information Science Theory and Practice (JIM), KIST	2022
8	Journal Paper Reviewer	Elsevier - Expert System with Applications 2021	2021 & 2022
9	Journal Paper Reviewer	Elsevier - Journal of Disaster Risk Reduction (JDRR)	2021 & 2022
10	Journal Paper Reviewer	Elsevier Journal Paper - Telematics and Informatics 2021	2021

11	Conference Paper Reviewer	International Conference Paper - Conceptual Modelling (ER2021)	2021
12	Conference Paper Reviewer	International Conference Paper – (ICoDSA2021)	2021
13	Conference Paper Reviewer	International Conference Paper – (CRC021)	2020
14	Journal Paper Reviewer	Advances in Science, Technology and Engineering Systems Journal (ASTESJ) – Q3	2020
15	Conference Paper Reviewer	International Journal of Disaster Risk Reduction (IJDRR)	2020
16	Conference Paper Reviewer	Review International Conference Paper – (ICRIIS2017)	2017
17	Conference Paper Reviewer	International Conference Paper – The 13th International Conference on Intelligent Software Methodologies Tools & Techniques (SOMET2014)	2014
18	Journal Paper Reviewer	Elsevier - Future Generation Computer Systems (FGCS)	2014
19	Journal Paper Reviewer	Elsevier - Journal of Cleaner Production, Elsevier (JCLEPRO)	2014
20	Journal Paper Reviewer	Elsevier Journal Paper - British Journal of Education, Society & Behavioural Science (BJESBS)	2014
21	Journal Paper Reviewer	Elsevier Journal Paper - International Journal of Innovative Computing (IJIC)	2014
22	Conference Paper Reviewer	International Conference Paper - The 2012 Pacific Rim Knowledge Acquisition Workshop (PKAW2012)	2012
23	Conference Paper Reviewer	International Conference Paper - The 20th IEEE International Conference Collaboration Technologies and Infrastructures (WETICE 2011) Track: Collaborative Technology for Coordinating Crisis Management (CT2CM), France	2011
24	Conference Paper Reviewer	International Conference Paper – The 15 th Pacific Asia Conference on Information Systems (PACIS 2011), Brisbane, Australia	2011
25	Manuscript Reviewer	Book Chapter of the Ontology-Based Applications for Enterprise Systems and Knowledge Management, IGI Global (2011)	2011

Commercialisation

NO	ROLE	NAME OF PRODUCT COMMERCIALISATION	DATE	TOTAL INCOME GENERATED (RM)
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	NIL			
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Entrepreneurship

NO	SPIN OFF COMPANY (UTM)	TOTAL INCOME GENERATED (RM) (Individual equity value based on audited company account in 3 years)
	NIL	

NO	1. HICOE management/agency 2. Board of Director or 3. Management for Corporation Entity	Average acquisition in 3 years
	NIL	

Grant based on innovation and University Commercialisation Product

NO	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
	NIL							

Community Project

NO	ROLE	NAME OF PROJECT	DATE	TOTAL VALUE OF PROJECT (RM)
1	Academic Advisor / Member	Mother Against Pornography (MAP), NGO Organization Initiative	1/5/2020	NIL

Community and University Services

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
1	Invited Speaker	Primary School Security Awareness Talk <ul style="list-style-type: none"> ▪ Title: Pornography and Paedophile Threats ▪ Program: <i>Pendidikan Pemeliharaan Maruah Diri</i> 	4/02/2023	Locality	Kangkar Pulai Flat, Johor Bharu, Johor (Primary School Students)
2	Association Member	Mother Against Pornography (MAP) - Non-Governmental Organization (NGO)	1/12/2020	National	Non-Governmental Organization (NGO), Malaysia
3	Invited Speaker	Ceramah Keselamatan Siber <ul style="list-style-type: none"> ▪ Title: Cabaran Alam Siber – Dalam Norma Kehidupan Remaja ▪ Program: Program Cuti Sekolah 2020 	31/12/2020	Locality	Facebook IKRAM Iskandar Putri Johor
4	Invited Speaker	Ceramah Keselamatan Siber <ul style="list-style-type: none"> ▪ Title: Ancaman Internet Keterlaluan Dalam Mempengaruhi Kehidupan Masyarakat ▪ Program: Program Cuti Sekolah 2020 	7/11/2019	Locality	Pusat Komuniti Taman Sri Pulai, Johor Bharu
5	Invited Speaker	Ceramah Keselamatan Siber <ul style="list-style-type: none"> ▪ Title: Bahaya Pornografi dan Pedofilia ▪ Program: Program Kesedaran Siber Surau Masjid Taman Impian Jaya 	10/11/2018	Locality	Surau Masjid Taman Impian Jaya
6	Invited Speaker	Security Awareness Talk <ul style="list-style-type: none"> ▪ Title: Pornography Threat to Kids and Teenagers ▪ Program: Kembara Rohani 	1/11/2018	State	Sekolah Rendah Islam Hidayah, Johor Bharu
7	Invited Speaker	Ceramah Keselamatan Siber <ul style="list-style-type: none"> ▪ Title: Cabaran Alam Siber terhadap Kehidupan Remaja dan Kanak-Kanak ▪ Program: Keselamatan Siber 	27/10/2016	Locality	Sekolah Islam Al-Akhyar, Johor Bharu

Patent Granted and Filing

NO	NAME OF PATENT	ROLE	STATUS OF PATENT
1	The Bring Your Own Device BYOD Security Risk Assessment-based Metamodel (BYODRAM)	Co-Inventor	Approved
2	Database Forensic Investigation Metamodel DBFIM	Co-Inventor	Approved
3	Academic Quality Assurance Metamodel (AQAM)	Co-Inventor	Approved
4	The Healthcare Business Process Improvement Ontology Onto-HBPIM	Co-Inventor	Submitted
5	Mobile Forensic Metamodel MFM	Co-Inventor	Submitted

Copyright

NO	NAME OF COPYRIGHT	ROLE	STATUS OF COPYRIGHT
1	Study on Gender Identification Audio Recordings Using Gaussian Mixture Model and <i>Mel Frequency Cepstrum Coefficient</i> (MFCC) Technique	Co-Inventor	Approved
2	Disaster Management Metamodel (DMM)	Main-Inventor	Approved
3	Cyber Security Awareness Game (CSAG) For Secondary School Students	Co-Inventor	Approved
4	Information Technology Aptitude Test	Co-Inventor	Approved
5	ICU Patient Vital Signs Monitoring System Based on Internet of Things (IoT)	Co-Inventor	Approved
6	Sistem Pengendalian Projek Sarjana Muda 1	Co-Inventor	Approved
7	Academic Quality Assurance Management Metamodel Knowledge Repository	Co-Inventor	Approved
8	Big Data Analytics for Maintenance Management System	Main-Inventor	Secretariat Correction
9	Database Forensic Investigation Metamodel Development Process	Co-Inventor	Secretariat Correction
10	Cat Food Control and Monitoring System based on Internet of Things (IoT)	Co-Inventor	Submitted

11	A Tilapia Fish PH Water and Temperature Inspection and Monitoring System based on IoT	Co-Inventor	Submitted
12	Hidden Camera Detector System for First Forensic Responder by using NODEMCU (BUSTED)	Co-Inventor	Submitted
13	Metamodel-based Disaster Management Knowledge Repository System (DMKR)	Main-Inventor	Submitted
14	An Ontology Framework of the Strategic Threat Intelligence for South China Sea Conflict	Co-Inventor	Submitted
15	An Internet of Things (IoT) Forensic Investigation Metamodel (IOTFIM)	Co-Inventor	Approved