



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

CURRICULUM VITAE



PERSONAL DETAILS

Name : Shukor Abd Razak

Gender : Male

Date of Birth : 06 - June - 1980

Nationality : Malaysian

Marital Status : Married

Address : 42, Jalan Perjiranan 10/15, Bandar Dato Onn, 81100, Johor Bahru

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E-mail : shukorar@utm.my, sabdrazak@gmail.com

Website : <https://people.utm.my/shukorar/>

ID Staff : 9089

Expertise : Computer Security, Computer Network, Wireless Sensor Network,
Digital Forensics, Social Network and Trusts, Mobile Ad Hoc
Network, Responsive Web and Mobile Apps Development

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1	Ph.D.	Computer Science (Network Security)	University of Plymouth, UK	2003	2007
2	BSc.	Computer Science	Universiti Teknologi Malaysia	1998	2002

AWARD AND HONORS RECEIVED

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1	CEO@Faculty Programme 2.0 Fellow,	Ministry of Higher Education Malaysia	2017
2	Gold Medal in MTE	Project: Indoor Air Quality Monitoring Portable Device	2016
3	Bronze Medal in MTE	Project: Early Flood Detection Radio Sensor Network	2016
4	Bronze Medal in INATEX, UTM	Project: Early Flood Detection Radio Sensor Network	2015
5	Bronze Medal in PECIPTA	Project: Validation of Forwarded Message on Social Media Application Through Friends and Families Network	2015
6	Silver Medal in Malaysian Research Conference and Innovation Exhibition	Project: Early Flood Detection: Developing Long Range, Auto Rechargeable Radio Sensor Networks	2015
7	Bronze Medal in INATEX, UTM	Project: Indoor Air Quality Monitoring (IAQM)	2015
8	Bronze Medal in INATEX, UTM	Project: Disaster Alert System using Friendship Mechanism	2014
9	Bronze Medal in EXPO Science and Technology	Project: WEBDID- Web Document Integrity Detector	2003

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1	Malaysian Research Managers Association (MyRMA)	National	Vice President	2019 - Current
2	Cyber Security Academia Malaysia (CSAM)	National	Treasurer	2019 - Current
3	IEEE Computer Society Chapter Malaysia Section	National	Treasurer	2014 – Current
4	Malaysia Board of Technologist (MBOT)	National	Professional Technologist	2017 - Current
5	Malaysia Quality Assurance (MQA)	National	Senior Auditor	2007 - Current
6	Malaysia Information Security Professional Association	National	Excom	2015 – 2017
7	Malaysia Quality Assurance (MQA)	National	Auditor	2007 – 2016

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT
1	Director	2019	Current	Research Management Centre
2	Deputy Director (Research University)	2017	2019	Research Management Centre
3	Deputy Director (Project Management)	2015	2017	Research Management Centre
4	IT Manager	2013	2015	Research Management Centre
5	Head of Information Assurance Security Research Group	2011	2013	Faculty of Computing
6	Internationalization Program Coordinator	2009	2011	Faculty of Computing

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
1	Lecturer	2002	Current	Universiti Teknologi Malaysia
2	Ceo@Faculty Proramme Fellow	2017	2018	QSR Brands (M) Bhd
3	IT Manager (Industrial Attachment)	2013	2015	RMC, UTM

CONSULTANCY EXPERIENCE

NO	NAME OF CONSULTANCY	ROLE	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1	Development of Research Management System, UTHM	Head	79,189.40	2017	2019	GTIM 29
2	Development of Research Data Management Portal, UiTM	Head	453,600.0 0	2020	2021	UTSB
3	Projek Perundingan Hologram- Pelancaran Buku IR4.0	Member	18,020.00	2018	2019	MaGICX
4	Projek Perunduingan SQA for MRT Project	Member	50,000.00	2018	2019	UTSB
5	Projek Perundingan Pembangunan Laman Web dan Mobile Apps Ceo@Faculty Program 2.0 Cycle 3	Head	66,000.00	2019	2021	MaGICX
6	MCHM College IT Diploma Programme Curriculum Development	Head	85,000.00	2020	2021	MaGICX

FACULTY APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	JK Penerbitan IHumen	Committee	2018	2021
2	MoU Kerjasama Penyelidikan dan Penerbitan UTM-UNSRI	Committee	2012	2013
3	MoA Pelaksanaan Pendidikan Mahasiswa Kelas Bilingual Fakultas Ilmu Komputer Universitas Sriwijaya-UTM	Committee	2012	2013
4	First Year Experience Program	Committee	2009	2011
5	Academic Programme Marketing	Committee	2009	2011

UNIVERSITY APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	JK Kerja eLPPT/DCP Penyelidikan	Chair	2020	Current
2	M4E	Mentor	2020	Current
3	JK Anugerah Penyelidikan UTM	Chair	2020	Current
4	JK Kerja Pembangunan Kerangka Kerja Kompetensi Staf Akademik UTM	Track Chair (Research)	2020	Current
5	JK Pengurusan Geran Penyelidikan UTM	Chair	2019	Current
6	JK Induk Universiti Penyelidikan	Vice Chair	2018	Current
7	Taskforce Double Tax Deduction Committee UTM	Chair	2018	Current
8	JK Innovate Johor 2019	Chair	2019	2019
9	JK Sebutarga B Geran Penyelidikan UTM	Chair	2018	Current
10	Jawatankuasa Strategi Penyelidikan	Committee	2017	Current
11	Jawatankuasa MyMOHES	Committee	2017	Current
12	Taskforce for the Development of New Degree Programme in Cybersecurity at MJIT	Committee	2017	Current
13	Jawatankuasa Pemegang Amanah Tabung Seliaan TNCPi	Committee	2016	Current
14	Jawatankuasa Pengurusan Dana Pembangunan Pengajaran	Committee	2015	Current
15	UTM Computer Emergency Response Team	Committee	2015	Current
16	Jawatankuasa Tetap Senat (Penyelidikan dan Inovasi)	Committee	2014	Current
17	Jawatankuasa Integriti dan Tadbir Urus Penyelidikan dan Inovasi	Member	2016	2017
18	Sekretariat Perhubungan Daerah Segamat IISJ	Liaison Officer	2016	2018

19	Smart Digital Community Research Alliance Blue Print	Committee	2015	2017
20	Jawatankuasa Pengurusan Aset Alih Universiti	Member	2015	2017
21	Taskforce Bidang Tumpuan Utama: Kecemerlangan Penyelidikan, Inovasi dan Komersialisasi Bagi Pelan Global UTM (2012-2020)	Committee	2017	2020
22	Jawatankuasa Penilaian Teknikal Perolehan ICT Universiti	Member	2014	2016
23	Jawatankuasa Teknikal Lapangan Kebitaraan Halal Hub UTM-IISJ	Member	2016	2018
24	Jawatankuasa Audit Penilaian RU 3 Tahun (2013-2015)	Member	2016	2016
25	Jobs on Campus	Committee	2015	2015
26	Taskforce Semakan Semula Entiti Inovasi dan Pengkomersilan	Member	2015	2015
27	Postgraduate Academic Program Audit	Internal Auditor	2013	2013
28	Dokumen Kemahiran Insaniah UTM	Taskforce Member	2011	2011
29	Taskforce KFA Academic and Marketing, UTM TPU.2	Head of Project Internet Marketing	2011	2012
30	Internal Auditor	Academic Program Audit (APA)	2010	2010

NATIONAL APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Taskforce Kerja Kajian Penilaian Outcome Program Jabatan Pendidikan Tinggi – Dana FRGS	Member	2020	2020
2	Taskforce MyRA	Member	2019	2022
3	UNIKL Foundation in Computing Studies Programme	Board of Studies	2017	Current
4	UNITEN Academic Program	Auditor	2017	2022
5	Ministry of Higher Education MyTREEvolution	Member	2017	2018
6	Taskforce Malaysia Research Management and Governance (MRMG) MOHE	Member	2016	2017
7	Taskforce National Cyber Security Framework, ASM	Member	2016	2017
8	IEEE Computer Society Malaysia EDAS Workshop, Shah Alam	Program Committee	2014	2014
9	Taskforce Pelan Pembangunan Latihan ICT Sektor Awam Malaysia, INTAN (2011)	Member	2011	2011

INTERNATIONAL APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	UNESCO International Programme for the Development of Communication (IPDC)	Committee	2020	Current
2	UNESCO Information for All Programme (IFAP)	Committee	2020	Current
3	IEEE International Conference on Applications, Information and Network Security (AINS)	Program Chair	2018	2021
4	IEEE International Conference on Open Systems (ICOS)	Financial Chair	2014	2021
5	IEEE International Conference on e-Learning, e-Management and e-Services (IC3e)	Financial Chair	2014	2021
6	IEEE International Conference on Big Data and Analytics (ICBDA)	Financial Chair	2018	2021
7	IEEE International Conference on Wireless Sensors (ICWiSe)	Financial Chair	2014	2021
8	IEEE International Conference on Games and Multimedia (GAME)	Financial Chair	2019	2021
9	International Conference On Intelligent Software Methodologies, Tools, And Techniques (SOMET 2019)	Financial Chair	2018	2021
10	International Symposium on Biometrics and Security Technologies (ISBAST)	Program Chair	2014	2014
11	13th IEEE IFIP Annual Mediterranean Ad Hoc Networking Workshop (MedHocNet)	Technical Program Committee	2014	2014
12	International Conference on e-Commerce (EC)	Technical Program Committee	2014	2014
13	International Network Conference (INC)	International Program Committee	2010	2010
14	IADIS e-Commerce Conference	Program Committee	2009	2009
15	IEEE International Conference on Electronic Devices, Systems and Applications (ICEDSA)	Technical Program Committee	2010	2010
16	IEEE Symposium on Industrial Electronics and Applications (ISIEA)	Technical Program Committee	2009	2009
17	International Conference on Business, Engineering and Industrial Applications (ICBEIA)	Technical Program Committee	2011	2011
18	IEEE Applied Power Electronics Colloquium (IAPEC)	Technical Program Committee	2011	2011
19	IEEE EMBS Conference on Biomedical Engineering & Science	Technical Program Committee	2010	2010
20	IEEE International Conference on	Technical Program	2010	2010

	Electronic Devices, Systems and Applications (ICEDSA)	Committee		
21	Computer and Security Journal, Elsevier	Technical Program Committee	2010	current
22	Wireless Communication and Mobile Computing Journal, Wiley	Technical Program Committee	2010	current
23	International Journal of Advances in Soft Computing and Its Application (IJASCA)	Technical Review Committee	2009	2010
24	Security and Communication Network Journal, Wiley	Technical Program Committee	2009	2010

SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
1	Networking and Security Seminar	Kolej Universiti Perguruan Ugama (KUPUSB), Brunei	11 July 2011	13 July 2011
2	Seminar Kebangsaan Sains Islam	Universiti Sains Islam Malaysia (USIM)	5 July 2012	5 July 2012
3	Recent Technological Trends in Computing Research Workshop	Kolej Universiti Perguruan Ugama (KUPUSB), Brunei	11 November 2013	13 November 2013
4	Prosper-thy-neighbour: 3 negara jiran 2.0 – raising heroes phnom penh Seminar	Ministry of Education (Cambodia)	12 December 2019	14 December 2019
5	Cyber Security Awareness and Cyber Risk Mitigation Program	Malaysia Parliament	6 December 2019	6 December 2019

RESEARCH ACTIVITIES

NO	NAME OF GRANT	ROLE	CATEGORY OF GRANT UTM/ OTHERS	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE
1	RMC Dashboard And Analytics Dan Research management Mobile Apps	Head	UTM	UTMF	197,000.00	2020	2022	4J459
2	Study of Features and Functions for Community Based Courier Services Application	Head	UTM	UTM IIIG	10,000.00	2020	2021	02M22
3	Sensitive Patient Data Anonymity Using Biometric Signals	Head	UTM	UTM MG	22,007.50	2020	2021	02M19
4	A Study Of Generic And Functional Features Of Mobile Applications And Responsive Web Development	Head	UTM	UTM GUP	100,000.00	2019	2021	20H64
5	Modeling Information Security Policy Field	Head	UTM	UTM PD	125,600.00	2019	2021	04E96
6	Development Of Demand Driven Bulk Purchase E-Commerce Platform For Society-Merchant Deal	Head	UTM	UTM IIIG	15,000.00	2019	2020	01M40
7	An Enhanced Adaptive Energy-Aware Mechanism For Extended Wireless Sensor Network Lifetime	Head	UTM	UTM GUP	50,000.00	2018	2021	20H60
8	UTM QSR Digital Store 2.0	Head	UTM	UTM IIIG	10,000.00	2018	2019	01M23
9	Structuring and Managing Database Forensic Investigation Knowledge Through A Metamodelling Approach	Head	UTM	UTM GUP	40,000.00	2017	2019	18H31
10	myTelecardiology: Non-Intrusive and Secure Mechanisms for Patient-Centric	Head	OTHERS	MOHE TRGS	1,114,764.00	2016	2019	4L844

	Cardio Data Capture, Exchange and Analysis for Malaysian							
11	Study on the Impact of Mobile Applications in Quit Smoking Program	Head	UTM	UTM GUP	50,000.00	2016	2018	15H82
12	Crowdfunding Platform as a Tool to Enable Public and Industry Engagement in Academia Research	Head	UTM	UTM FLAGSHIP	50,000.00	2016	2018	03G42
13	Identification of True Identity of Online Users based on Human Intrinsic Characteristics for Cybercrime investigation	Head	OTHERS	MOHE FRGS	58,400.00	2015	2017	4F804
14	Cloud Based Environment for Interactive English Teaching and Learning	Head	UTM	UTM FLAGSHIP	64,200.00	2014	2017	02G30
15	Secure Integrated E-Health Infrastructure	Head	UTM	UTM FLAGSHIP	31,290.50	2014	2015	01G94
16	A Reliable Computerized Voting Mechanism - Malaysia Election Case Study	Head	UTM	UTM GUP	70,676.00	2014	2015	08H30
17	Traffic Adaptive Medium Access Control for Wireless Networks	Head	UTM	UTM PD	65,000.00	2014	2015	01E68
18	New Fragmented Image File Identification and Recovery Mechanisms Using Error Level Analysis and Data Compression Features for Digital Forensic Investigation	Head	OTHERS	MOHE FRGS	57,300.00	2013	2015	4F193
19	Identity Disintegration Mechanism For Cardiothoracic Information Privacy	Head	UTM	UTM FLAGSHIP	30,000.00	2013	2014	00G69
20	Identification of	Head	UTM	UTM GUP	50,000.00	2012	2014	08J10

	Attacks/Misuse Associated with Email through Email Header Forensic							
21	An Alternative File Signature Analysis Technique for Computer Forensic Investigation	Head	UTM	UTM GUP	40,000.00	2011	2012	02J16
22	Exploratory on the Suitability and Efficiency of Friendship Mechanism in Minimizing the impact of Fake Broadcast Messages in Civilians Networks	Head	UTM	UTM GUP	50,000.00	2009	2010	10H91
23	Friend-Assisted Secure Autonomous Mobile Ad Hoc Networks	Head	OTHERS	MOSTI ESCIENCE FUND	109,300.00	2007	2009	3S257
24	Mobile Ad Hoc Network Multi Hop Routing Algorithm	Head	OTHERS	MOSTI ESCIENCE FUND	112,300.00	2007	2009	3S258
25	Malaysian Institute of Higher Learning Cyber Security Awareness Assessment and Talent Development (MyCS Programme)	Head	OTHERS	MDEC	200,000.00	2020	2022	4C438
26	Crowd-funding Ecosystem for Malaysian - Case Study Through Implementation and NGO Participation	Head	OTHERS	Mysmart Solution	23,000.00	2020	2021	4C386
27	Best Practice for Mass and Remote Worker Registration and Management	Head	OTHERS	Manforce Resources	30,000.00	2020	2021	4C417
28	A Study of Intelligent Dashboard for Project Management and Tracking	Head	OTHERS	Motobina	51,000.00	2020	2021	4C383
29	A Study of Customer's Front End Application	Head	OTHERS	QSR Brands	20,000.00	2019	2020	4C293
30	A Crowdsourcing Platform for On Demand Childcare Services	Head	OTHERS	Caretots Sdn Bhd	108,000.00	2019	2020	4C260
31	A Study on Critical	Head	OTHERS	QSR Brands	50,000.00	2015	2016	4C204

	Success Factor of Crowdfunding Platform for Corporate Social Responsibility							
32	A Study Of Emerging Trends And Development Of IT Solutions In Restaurant Industries - The 4th Ir Challenges	Head	OTHERS	QSR Brands	20,000.00	2015	2016	4C199
33	A Study of Non-Malignant Aritmia Detection Algorithm Based on Photoplethysmogram Signals	Head	OTHERS	Telkom University Indonesia	21,525.00	2020	2021	4B576
34	Malaysian Institute of Higher Learning Cyber Security Awareness Assessment and Talent Development (MyCS Programme)	Head	UTM	UTM MG	350,000.00	2020	2022	02M83
35	UTM Researchers Expert Profile Dashboard On Research Projects, Supervision And Publications	Member	UTM	UTMF	414,510.60	2020	2023	4J441
36	Development Of Integrated Research Financial Process Model	Member	UTM	UTMF	593,935.70	2020	2023	4J440
37	A development of Communication for Behavioural Impact (COMBI) mobile-based application based on Behavioural Change model for persuading dengue surveillance	Member	UTM	UTM PR	49,390.00	2020	2022	00L48
38	RPG Game Approach For Tjap Go Meh - Acculturation As Mutual Respect For Society	Member	UTM	UTM MG	22,007.50	2020	2021	02M20
39	MyDNAmark mobile app and website	Member	UTM	UTM TDR	20,000.00	2018	2022	06G58
40	MyDNAmark Database Visualisation	Member	UTM	UTM TDR	40,000.00	2018	2022	05G68

41	Gamification Platform User Data And Content Security Using Blockchain Technology For University 4.0	Member	OTHERS	MRUN	60,000.00	2018	2021	4L872
42	Hybrid Crypto-Token Blockchain: A New Architecture Of Digital Marketplaces	Member	UTM	UTM COE	49,800.00	2018	2020	03G94
43	Randomness Evaluation of Heart Beat Inter-Pulse Interval as Entity Identifier for Implants Key Agreement	Member	UTM	UTM GUP	40,500.00	2018	2019	19H11
44	A Personal Dashboard Based Research Project Management Framework, Amount	Member	UTM	UTMF	1,002,427.85	2017	2020	4J275
45	IOT-Enabled Smart Heart Monitoring Device Prototype Enhancement and Miniaturization for Arrhythmia Screening in Connected Heart Care System	Member	UTM	UTM GUP	39,800.00	2017	2019	16H83
46	Matching grant research and development on virtual interactive software for health, safety and environment (hse) academy, institut teknologi petroleum petronas (instep)	Member	UTM	UTM MG	59,100.00	2016	2018	00M92
47	A New Profession-Based Case Study Building Methodology for Computer Forensics Course in Institutes of Higher Learning	Member	UTM	UTM DPP	20,000.00	2016	2018	4J243
48	A Communication For Behavioural Impact (Combi) Behavioural Change Model For Dengue Surveillance In Malaysia	Member	UTM	UTM GUP	50,000.00	2016	2018	13H45
49	Computer-Assisted	Member	UTM	UTM GUP	20,000.00	2016	2017	12J17

	Emergency Response For Missing Person Incidents Within Indoor Environment Based on Strategic Information Dissemination and Crowdsourcing							
50	Development of Flash Flood Detection Using Distributed Radio Sensor Network For Urban Areas	Member	OTHERS	MOHE PRGS	66,000.00	2016	2017	4L677
51	My-telecardiology: a web-based telecardiology framework for cardiac disease prevention and monitoring in malaysia community	Member	UTM	UTM GUP	49,900.00	2015	2016	10H95
52	Integrated Sensor Network and Active RFIDS for Dynamic Building Evacuation	Member	UTM	UTM GUP	36,000.00	2015	2016	11H69
53	Disaster relief and preparedness: Aerial Disaster Site Surveying System through the use of a middleware for integrating web interface, mobile app, and air drones	Member	OTHERS	MOHE PRGS	60,000.00	2015	2015	4L642
54	Early Flood Detection: Developing Long-range, Auto Rechargeable Radio Sensor Network	Member	OTHERS	MOHE PRGS	55,000.00	2015	2015	4L643
55	Secure information dissemination and notification system for digital campus	Member	UTM	UTM FLAGSHIP	55,000.00	2014	2016	02G37
56	Strategic prediction of research and publication performance in monitoring kai targets	Member	UTM	UTM FLAGSHIP	45,000.00	2014	2016	02G93
57	Unattended building inhabitants control using wireless sensor networks in disaster monitoring	Member	UTM	UTM GUP	20,000.00	2014	2015	09J57

58	An architecture of intelligent transportation systems based on wireless sensor networks	Member	UTM	UTM GUP	66,700.00	2013	2015	03H19
59	Integrated RFID-Wireless Sensor Networks Design for Disaster Monitoring in Large Landscape Environment	Member	UTM	UTM PAS	30,000.00	2013	2014	00K36
60	Friendship Mechanism Disaster Alert System On Multi Medium Social Network	Member	UTM	UTM FLAGSHIP	30,000.00	2013	2014	00G88
61	An energy-efficient routing approach for extending wireless sensor network lifetime,	Member	OTHERS	MOHE FRGS	120,000.00	2012	2014	4F222
62	Kajian Halatuju dan Impak Sistem MyGrants	Member	OTHERS	MOHE FRGS	721,500.00	2012	2014	4F803
63	A framework for standardising practices at National Cardiothoracic Registry (NCTR) using user-centred design approach	Member	OTHERS	MOHE FRGS	125,000.00	2012	2014	4F334
64	Simplifying technologies for the disadvantage groups	Member	UTM	UTM GUP	32,000.00	2012	2013	08J20
65	A Lightweight Anomaly Detection for Wireless Sensor Networks	Member	UTM	UTM GUP	42,000.00	2012	2013	08J95
66	Research and Development of Mobile Application to Improve Material Procurement Process for MMHE	Member	OTHERS	MOHE CONTRACT	110,000.00	2018	2019	4C181
67	Research and Development on Virtual Interactive Software for Health, Safety, And Environment (HSE) Academy, Institut Teknologi Petroleum Petronas (INSTEP)	Member	OTHERS	INSTEP	147,800.00	2015	2016	4C079

68	Tjap Go Meh - Introduction of Acculturation as Mutual Respect for Society	Member	OTHERS	TELKOM UNIVERSITI, INDONESIA	21,525.00	2020	2021	4B569
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RESEARCH GIFT

NO	NAME OF MOU	SPONSOR	AMOUNT (RM)	YEAR
1	Malaysian Institute of Higher Learning Cyber Security Awareness Assessment and Talent Development (MyCS Programme), Tecforte Sdn Bhd	TECFORTE SDN BHD	500,000.00	2020

COLLABORATION / MOU

NO	NAME OF MOU	LEVEL OF MOU (NATIONAL/ INTERNATIONAL)	STARTING DATE	ENDING DATE
1	Kursi Endowment Professor CASIS-QSR	National	2018	2022
2	UTM-MDEC-Tecforte, Malaysian Institute of Higher Learning Cyber Security Awareness Assessment and Talent Development (MyCS Programme)	National	2020	2022
3	UiTM-UTSB, Projek Perundingan Pembangunan Sistem Pengurusan Data Penyelidikan UiTM	National	2020	2021

TEACHING ACTIVITIES

UNDERGRADUATE

YEAR OF SEMESTER	SEMESTER (1/2)	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	SECTION
2007/2008	1	SCK3033	Network Programming	3	1

2007/2008	1	SCK3032	Final Year Project 1	2	1
2007/2008	2	SCK3033	Network Programming	3	1
2007/2008	2	SCK3032	Final Year Project 1	2	1
2008/2009	1	SCK3033	Network Programming	3	1
2008/2009	1	SCK3033	Network Programming	3	1
2008/2009	2	SCK3033	Network Programming	3	1
2008/2009	2	SCK3093	Special Topics on Network and Security	3	1
2009/2010	1	SCK3033	Network Programming	3	1
2009/2010	1	SCK3033	Network Programming	3	1
2009/2010	2	SCR2413	Computer Security	3	1
2009/2010	2	SCR2413	Computer Security	3	1
2010/2011	1	SCR4493	Computer Forensic	3	1
2010/2011	2	SCR4493	Computer Forensic	3	1
2011/2012	1	SCR4493	Computer Forensic	3	1
2011/2012	1	SCR4493	Computer Forensic	3	1
2012/2013	2	SCR4493	Computer Forensic	3	1
2012/2013	2	SCR4493	Computer Forensic	3	1
2013/2014	2	SCSR3243	Netcentric	3	1
2014/2015	2	SCSR4493	Computer Forensic	3	1
2015/2016	2	SCSR4493	Computer Forensic	3	1
2016/2017	1	SCSR4493	Computer Forensic	3	1
2016/2017	2	SCSR3253	Network Programming	3	1

2017/2018	2	SCSR4493	Computer Forensic	3	1
2018/2019	2	SCSR4493	Computer Forensic	3	1
2019/2020	1	SCSR3104	Application Development	4	1
2019/2020	2	SCSR4493	Computer Forensic	3	1
2020/2021	1	SCSR3413	Computer Security	3	1
TOTAL CREDIT HOUR				83	

POSTGRADUATE

YEAR OF SEMESTER	SEMESTER (1/2)	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	SECTION
2010/2011	2	MCS1493	Law, Investigation and Ethics	3	1
2011/2012	2	MCS1493	Law, Investigation and Ethics	3	1
2011/2012	2	MCS1493	Law, Investigation and Ethics	3	1
2012/2013	1	MCS1493	Law, Investigation and Ethics	3	1
2012/2013	1	MCS1493	Law, Investigation and Ethics	3	1
2013/2014	1	MCS1493	Law, Investigation and Ethics	3	1
2014/2015	1	MCS1493	Law, Investigation and Ethics	3	1
2014/2015	2	MCS1493	Law, Investigation and Ethics	3	1
2015/2016	1	MCSH1493	Law, Investigation and Ethics	3	1
2015/2016	1	MCS1493	Law, Investigation and Ethics	3	1
TOTAL CREDIT HOUR				30	

SUPERVISION

PHD STUDENTS

Main Supervisor

No	Name	Status	Title	Year
1	Hassan Chizari PC073105	Graduated	Delaunay Triangulation- Based Global and Local Coverage Measurement for Wireless Sensor	2012

			Networks	
2	Mohammad Reza Eslaminejad PC093097	Graduated	Lifetime Improvement By Integration of Dual-Sink and Geographic Routing in WSN	2014
3	Behnam Dezfouli PC093105	Graduated	Modeling, Analysis and Eliminating Collision in WSN	2014
4	Ikuesan Richard Adeyemi PC113155	Graduated	A Network Based Psychographics for Insider Identification	2016
5	Kamal Jadidy Aval PC103105	Graduated	Node Deployment in WSN with Requested Event Detection	2017
6	Olumide Simeon Ogunnusi PC123061	Graduated	A Lightweight Mechanism for Mobile Agent Communication Confidentiality Protection in Multi Agent Systems	2017
7	Arafat Mohammed Rashad Al-Dhaqm PC133036	Graduated	Structuring and Managing Database Forensic Knowledge Through Metamodeling Approach	2019
8	Abdullah Elhigazi PC113160	Graduated	Intrusion Control Management Technique against Denial of Service Attacks in WLAN Infrastructure	2020
9	Abdulalem Ali Mohammed Saleh PC133031	Ongoing	Metamodeling Approach for Mobile Phone Forensics	-
10	Onwuegbuzie Innocent Uzougbo PCS173037	Ongoing	A Novel SelfSanative Mechanism for Wireless Sensor Network WSN Data Breeding In The Event of A Conscious Security Attack	-
11	Ajoze Abdulraheem Zubair PCS173066	Ongoing	Convergence Based Task Scheduling for Cloud Computing	-
12	Salman Rashid PCS183037	Ongoing	Enhancing In-Network Caching by Coupling Optimal Content Placement Strategy for CCN	-
13	Muaadh Abdulfattah Hassan Alsoufi PCS183048	Ongoing	Cloud Computing Forensic	-
14	NIAZ MOHAMMAD RAMAKI PCS193031	Ongoing	Digital Forensic Metamodel	-
15	SUNDAS HANIF PCS203001	Ongoing	Adaptable Architecture for Searchable Encryption System for Cloud Computing	-

PhD Co Supervisor

No	Name	Status	Title	Year
1	Tameem Eissa	Graduated	Light Weight Authentication Mechanism for Mobile Ad Hoc Networks	2012
2	Mohammed Hossein Anisi	Graduated	An energy-efficient region- sensitive hybrid data routing mechanism for wireless sensor networks	2012
3	Salim M. Zaki	Graduated	Intelligent Quorum-Based Location Service Protocol for Vehicular Ad Hoc Networks in Urban Environment	2013
4	Mohamed Abd Elgabar	Graduated	The Impact of Bitlocker Encryption on Windows Vista Forensics	2013
5	Sara Najafzadeh	Graduated	A Neighbor-Aware Broadcasting Protocol for Safety Messages on Heterogeneous Communication Range VANET	2014
6	Ramin Karimi	Graduated	Improved Connectivity in Geographic Routing Protocols Using Delay Tolerant Networks Scheme in VANET	2014
7	Hassan Asadollahi	Graduated	Energy-Balanced Schemes for Mitigating Energy Holes in Corona-Based WSN	2015
8	Abdulsalam Ya'u Gital	Graduated	Cloud Based Collaborative Virtual Environment Architecture for Improving Scalability and Consistency	2015
9	Syedmohsein Ghoreishi	Graduated	A Novel Provably Secure Pairing Free Certificateless Authenticated Key Agreement Protocol Without Decisional Problem	2020

MASTER STUDENTS**Master by Research (Main Supervisor)**

No	Name	Status	Title	Year
1	Kekere Temitope Josiah MC111273	Graduated	Method of Preventing SQL Injection Attacks in Web Based Application	2014
2	Nur Hafizah Mohd Nazari MCS163019	Ongoing	Pseudonym Generation using Palm vein for Preserving Data Privacy in Healthcare Information System	-
3	Noor Alyanis Farhaida Mohd Zainon MCS163020	Ongoing	Master and child key generation from palm vein	-
4	Muhammad Ammar Musa	Ongoing	An Enhanced Biometric Authentication	-

	MCS173025		Mechanism Using Master/Child Key Technique	
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Master by Research (Co Supervisor)

No	Name	Status	Title	Year
1	Normalia Saliman	Graduated	Towards Achieving Cooperation in a Trusted MANET Community: A Friendship Mechanism Approach	2011
2	Aziah Asmawi	Graduated	SQL Injections and Insider Misuse Detection Systems for	2011
3	Majid Hosseini	Graduated	A Novel Localization Technique for Underwater Wireless Sensor Networks	2010
4	Kam Kui Lin	Graduated	Wavelet Transform Based Electrocardiogram Delineation Method and Its Application in a WebBased Telecardiology System	2019

UTM POSTGRADUATE EXAMINATION / VIVA

PHD

No	Role	Name of Student	Title	Year
1	Internal Examiner	Imtithal Alnour Saeed Mohammed	Enhanced Multi-Agent for IDs Using Reinforcement Learning	2020
2	Internal Examiner	Nurfadilah Bt Ariffin	Classification of Ransomware Entity from Online Forum Discussion	2020
3	Internal Examiner	Alrimy Bander Ali Saleh	An ensemble-based anomaly-behavioural crypto-ransomware pre-encryption detection model	2019
4	Internal Examiner	Anser Ghazzaal Ali Qurashee	Fusion of Design and Development Using GUI Development Tools	2019
5	Internal Examiner	Mohammad Hafiz Mohamed	A Scalable Multi Stage Mobile Beacons - Assisted Localization Scheme for Large Scale Underwater Sensor Network	2017
6	Internal Examiner	Taniza Tajuddin	An Identity Profiling Framework for Facebook Forensics Investigation on Smartphone	2017
7	Internal	Said Khalfan Said Al-	Hacking Countermeasure	2014

	Examiner	Wahaibi	Framework and Blueprint by Reverse Engineering Hacking Technique	
8	Internal Examiner	Mohammad Hafiz Mohamed	A Scalable Multi Stage Mobile Beacons - Assisted Localization Scheme for Large Scale Underwater Sensor Network	2012

MASTER BY RESEARCH

No	Role	Name of Student	Title	Year
1	Internal Examiner	Abdulhamid Aliyu Ardo	A Misbehaviour Detection Scheme for Effectively Detecting False Decision in VANET	2016
2	Internal Examiner	Maryam Pouryazdanpanah	Multi-Sink Vector Based Routing Protocol for Underwater Wireless Sensor Networks	2013
3	Internal Examiner	Wan Mohd Yaakob	Colour Constancy Feature Detection and Matching Technique for WLAN/Camera Indoor Positioning Systems	2013
4	Internal Examiner	Lim Kah Seng	Developing a Knowledge-based Graphical Password Anti- Shoulder Surfing Mechanism for Mobile Device	2012
5	Internal Examiner	Oon Erixno	Dynamic Timeslot Allocation Technique for Wireless Sensor Network	2012
6	Internal Examiner	Marjan Moradi	A Reverse Localization Scheme for Underwater Acoustic Sensor Networks	2012

EXTERNAL POSTGRADUATE EXAMINATION / VIVA

PHD

No	Role	Name of Student	Title	Year
1	External Examiner	Ahmed Shiraz Memon (University of Iceland)	Federated Access to Collaborative Data and Compute Infrastructures	2020
2	External Examiner	Okta Nurika	Comprehensive Network Card Simulation Models to Optimize	2018

		(UTP)	Data Transmissions in Data Centre	
3	External Examiner	Kamahazira Binti Zainal (USIM)	Risk concentration for context assessment (ricca) using danger theory	2018
4	External Examiner	Anahita Farjamfar (UPM)	A Generic Smartphone Forensic Investigation Process Model	2016
5	External Examiner	Yusoof Mohammed Hasheem (UTHM)	Mobile Forensic Triage for Damage Phones using M-Triage	2016
6	External Examiner	Yuus Yusoff (UNITEN)	Ascertaining the Trustworthiness of Digital Evidence Based on Hadith Authentication Methodology	2014

MASTER BY RESEARCH

No	Role	Name of Student	Title	Year
1	External Examiner	Muhammad Thariq Bin Abdul Razak (UTHM)	Enabling Digital Forensic Readiness in IoT Environment Through MDETS	2020
2	External Examiner	Nur Syakirah Mohd Jaafar (UTP)	An Enhanced Approach to Select Intrinsic Mode Functions using Empirical Mode Decomposition and Fourier Transform	2019
3	External Examiner	Tengku Norsuhaila Binti T Azmi (UTHM)	A New Approach for JPEG Fragmentation Point Detection Using Sequential Difference By Segment (SDbS)	2018
4	Examiner	Asou Aminnezhad (UPM)	A Probabilistic Security Game Model to Maximize the Payoff and Return on Security Investment	2017
5	Examiner	Ahmed Nur Elmi Abdi (UTHM)	MP4-Karver: Carving of Corrupted MP4 Videos Using ASMD Repairing Technique	2017
6	Examiner	Dana Hasan Ahmed (UPM)	Distributed Defense Scheme (DDS) for Securing DNS Transactions	2017
7	Examiner	Fawwaz Zamir Mansor (UTHM)	Substitution-Based Approach for Linguistic Steganography using Antonym	2017
8	Examiner	Qatrunnada Abdul Rahman (UiTM)	Multiple Trusted Devices Authentication Scheme for Ubiquitous Computing Application	2016
9	Examiner	Mohamed Irfan (UM)	Dynamic Traffic Light Flow Control System Using on-Road Sensor	2016

			Technology	
10	Examiner	Hend Muslim Jasim (UPM)	Image Data Operation Encoding based Signature Embedding Technique to Enhance Watermarking Performance in Image Copyright Protection	2016
11	Examiner	Maryam Savari (UM)	Electrical Network Frequency Based Audio Forgery Detection	2015
12	Examiner	Koo Sue Lynn (UM)	An Evaluation of Mobile Device Identification Using Spectral Features	2014
13	Examiner	Erfan Shaghaghi (UM)	Adaptive Traffic Signal Controlling System Using Vehicular Communication	2014
14	Examiner	Ali Feizollah (UM)	An Evaluation Study of Mobile Botnet Detection Using Machine Learning Classifiers	2013
15	Examiner	Mohammed Ibrahim (UPM)	Modeling Based Approach for Reconstructing Evidence of VOIP Malicious Attacks	2013
16	Examiner	Ameneh Tafreshi Motlagh (UM)	SNR-based Weighted Round Robin Scheduling Mechanism for WiMAX Networks	2013
17	Examiner	Jhonny (UM)	A Hybrid TCP Congestion Mechanism to Improve Mobile WiMAX Networks	2012
18	Examiner	Zahrol Azam Ahmad (UPM)	Encryption Selection Mechanism for Wireless LAN 802.11 Performance Optimization	2012
19	Examiner	Mohamed Njikam (UTeM)	Performance Study on Mobile Wireless Network VoIP (MWN-VoIP) Using Quality of Service	2012
20	Examiner	Hamid Mohamadzadeh Esfahani Nezhad (UM)	Improving Deployment of Dynamic Honeypot in Intrusion Deception System by Using Passive Fingerprinting	2011
21	Examiner	Abdalla Abdel Hamed Mohamed Madani (UM)	Securing Mobile Messaging Using XML Key Management Specification	2010
22	Examiner	Murugan Thangavelu (UM)	Combating Fraud and Theft Threats at Host Level using Intrusion Prevention System	2008

PUBLICATIONS

JOURNAL

ISI/SCOPUS INDEXED

NO	ARTICLE TITLE	JOURNAL TITLE	Year	IF	Vol / Issue	Page	Type	Quartile	Category Author
1	Friend-assisted Intrusion Detection and Response Mechanisms for Mobile Ad Hoc Networks	Ad Hoc Network Journal	2008	3.178	Vol: 6 Issue: -	1151-1167	ISI	1	Corresponding Author
2	Delaunay Triangulation as a New Coverage Measurement Method in Wireless Sensor Network	Sensors	2011	2.964	Vol: 11 Issue: 3	3163 – 3176	ISI	1	UTM First Author
3	Towards providing a new lightweight authentication and encryption scheme for MANET	Wireless Networks	2011	2.023	Vol: 17 Issue: 4	833 – 842	ISI	2	UTM First Author
4	EF-MPR, a New Energy Efficient Multi-Point Relay Selection Algorithm for MANET	Journal of Supercomputing	2012	1.349	Vol: 59 Issue: 2	744 – 761	ISI	2	Co Author
5	Overview of Data Routing Approaches for Wireless Sensor Networks	Sensors	2012	2.964	Vol: 12 Issue: 4	3964 – 3996	ISI	1	Co Author
6	Efficient Data Gathering in Mobile Wireless Sensor Networks	Life Science Journal-Acta Zhengzhou University Overseas Edition	2012	0.165	Vol: 9 Issue: 4	2152 – 2157	ISI	4	Co Author
7	Fundamental Lifetime Mechanisms in Routing Protocols for Wireless Sensor Networks: A Survey and Open Issues	Sensors	2012	2.964	Vol: 12 Issue: 10	13508 - 13544	ISI	1	UTM First Author

8	A Novel Lightweight Authentication Scheme for Mobile Ad Hoc Networks	Arabian Journal for Science and Engineering	2012	0.932	Vol: 37 Issue: 8	2179 – 2192	ISI	3	UTM First Author
9	EEDARS: An Energy-Efficient Dual-Sink Algorithm with Role Switching Mechanism for Event-Driven Wireless Sensor Networks	KSII Transactions On Internet And Information Systems	2012	0.467	Vol: 6 Issue: -	2473 – 2492	ISI	4	UTM First Author
10	A Location Based Prediction Service Protocol For Vanet City Environment	International Journal Of Innovative Computing Information And Control	2012	1.667	Vol: 8 Issue: 10(1)	6811 – 6836	ISI	1	Co Author
11	Classification of Energy- Efficient Routing Protocols for Wireless Sensor Networks	Ad Hoc Sensor and Wireless Networks	2013	0.788	Vol: 17 Issue: 1-2	103 – 129	ISI	4	UTM First Author
12	Trust-based Routing Mechanism in MANET: Design and Implementation	Journal Mobile Networks and Applications	2013	2.788	Vol: 18 Issue: 5	666 - 677	ISI	1	UTM First Author
13	Energy- efficient and Reliable data Delivery in Wireless Sensor Networks	Wireless Networks	2013	1.555	Vol: 19 Issue: 4	495 - 505	ISI	3	Co Author
14	Quorum-Based Location Service Protocol Service Protocol for Vehicular Ad Hoc Networks in Urban Environment	International Journal of Ad Hoc and Ubiquitous Computing	2013	0.656	Vol: 14 Issue: 1	27 - 43	ISI	4	Co Author
15	EDR: Efficient Data Routing in Wireless Sensor Networks	International Journal of Ad Hoc and Ubiquitous Computing	2013	0.656	Vol: 12 Issue: 1	46 -55	ISI	4	Co Author
16	Analysing wireless sensor network deployment	ScienceAsia	2013	0.447	Vol: 39 Issue: S	80 -84	ISI	4	UTM First Author

	performance using connectivity								
17	Location Service Protocol for Highly Mobile Ad Hoc Network	Arabian Journal of Science and Engineering	2014	0.832	Vol: 39 Issue: 2	861 - 873	ISI/ Scopus	3	Co Author
18	Local coverage measurement algorithm in GPS-free wireless sensor networks	Ad Hoc Networks	2014	3.178	Vol: 23 Issue: -	1-17	ISI/ Scopus	1	UTM First Author
19	IM2PR: interference-minimized multipath routing protocol for wireless sensor networks	Wireless Networks	2014	1.555	Vol: 20 Issue: 7	1807 – 1823	ISI/ Scopus	3	Co Author
20	DICSA: Distributed and Concurrent Link Scheduling Algorithm for Data Gathering in Wireless Sensor Networks	Ad Hoc Networks	2014	3.178	Vol: 25 Issue: A	54 – 71	ISI/ Scopus	1	UTM First Author
21	CAMA: Efficient Modeling of the Capture Effect for Low-Power Wireless Networks	ACM Transactions on Sensor Networks (TOSN)	2014	2.662	Vol: 11 Issue: 1	1 – 43	ISI/ Scopus	2	UTM First Author
22	Integration and Analysis of Neighbor Discovery and Link Quality Estimation in Wireless Sensor Networks	The Scientific World Journal, Hindawi	2014	1.3	Vol: 2014 Issue: -	ID: 789642	ISI/ Scopus	2	Co Author
23	Network Initialization in Low-Power Wireless Networks: A Comprehensive Study	The Computer Journal	2014	0.93	Vol: 57 Issue: 8	1238 - 1261	ISI/ Scopus	4	Co Author

24	Improving Broadcast Reliability for Neighbor Discovery, Link Estimation and Collection Tree Construction in Wireless Sensor Networks	Computer Networks	2014	2.594	Vol: 62 Issue: -	101-121	ISI/Scopus	1	UTM First Author
25	LINKORD: Link Ordering Based Collection Tree Protocol for Wireless Sensor Networks	Computing	2015	1.476	Vol: 97 Issue: 3	205-236	ISI/Scopus	2	Co Author
26	Modeling Low-Power Wireless Communications	Journal of Network and Computer Applications	2015	3.492	Vol: 51 Issue: -	ID: 102126	ISI/Scopus	1	UTM First Author
27	A Lightweight One-Pass Authentication Mechanism For Agent Communication In Multi-Agent System Based Applications	Jurnal Teknologi	2015	-	Vol: 77 Issue: 18	1-9	ISI/Scopus	-	UTM First Author
28	A Threshold-Based Controller For Multi-Agent Systems	Jurnal Teknologi	2015	-	Vol: 77 Issue: 18	37-42	ISI/Scopus	-	UTM First Author
29	Interconfidentiality Protection Of Agent Communication In Multi-Agent System Based Applications	Jurnal Teknologi	2015	-	Vol: 77 Issue: 13	1-10	ISI/Scopus	-	UTM First Author
30	A Performance Improved Certificateless Key Agreement Scheme Over Elliptic Curve Based Algebraic Groups	Jurnal Teknologi	2015	-	Vol: 77 Issue: 20	47-52	ISI/Scopus	-	Co Author
31	Observing Consistency in Online Communication Patterns for User	PLoS ONE	2016	3.394	Vol: 11 Issue: 12	e0166930	ISI/Scopus	1	UTM First Author

	Re-Identification								
32	A Generic Database Forensic Investigation Process Model	Jurnal Teknologi	2016	-	Vol: 78 Issue: 6-11	45-57	ISI/Scopus	-	UTM First Author
33	CDBFIP: Common Database Forensic Investigation Process for Internet of Things	IEEE Access	2017	3.244	Vol: 5 Issue: -	24401-24416	ISI/Scopus	1	UTM First Author
34	A Metamodel for Mobile Forensics Investigation Domain	PLoS ONE	2017	2.806	Vol: 12 Issue: 4	e0175223	ISI/Scopus	1	UTM First Author
35	Development and Validation of a Database Forensic Metamodel (DBFM)	PLoS ONE	2017	2.806	Vol: 12 Issue: 2	e0170793	ISI/Scopus	1	UTM First Author
36	Two-stage motion artefact reduction algorithm for electrocardiogram using weighted adaptive noise cancelling and recursive Hampel filter	PLoS ONE	2018	2.74	Vol: 13 Issue: 11	e0207176	ISI/Scopus	1	Co Author
37	Polychronicity tendency-based online behavioral signature	International Journal Of Machine Learning And Cybernetics	2019	3.844	Vol: 10 Issue: 8	2103-2118	ISI/Scopus	1	UTM First Author
38	Database Forensic Investigation Process Models: A Review	IEEE Access	2020	3.745	Vol: 8 Issue: -	48477-48490	ISI/Scopus	1	UTM First Author
39	Data Anonymization Using Pseudonym System to Preserve Data Privacy	IEEE Access	2020	3.745	Vol: 8 Issue: -	43256-43264	ISI/Scopus	1	Corresponding Author

40	A Review of Mobile Forensic Investigation Process Models	IEEE Access	2020	3.745	Vol: 8 Issue: -	173359 - 173375	ISI/ Scopus	1	UTM First Author
41	Towards the Development of an Integrated Incident Response Model for Database Forensic Investigation Field	IEEE Access	2020	3.745	Vol: 8 Issue: -	145018 - 145032	ISI/ Scopus	1	UTM First Author
42	Categorization and Organization of Database Forensic Investigation Processes	IEEE Access	2020	3.745	Vol: 8 Issue: -	112846 - 112858	ISI/ Scopus	1	UTM First Author
43	Optimized backoff scheme for prioritized data in wireless sensor networks: A class of service approach	PLoS ONE	2020	2.74	Vol: 15 Issue: 8	e02371 54	ISI/ Scopus	2	UTM First Author
44	Biometrics authentication techniques: A comparative study	International Journal of Advanced and Applied Sciences	2020	-	Vol: 7 Issue: 9	97-103	ISI	-	UTM First Author
45	Interference-Aware Multipath Routing Protocol for QoS Improvement in Event-Driven Wireless Sensor Networks	Tsinghua Science & Technology	2011	-	Vol: 16 Issue: 5	475-490	Scopus	-	Co Author
46	A Location Based Prediction Service Protocol for VANET City Environment	International Journal of Innovative Computing, Information and Control (IJICIC)	2012	-	Vol: 8 Issue: 10A	6811-6836	Scopus	-	Co Author
47	A Review on the Implementation of Multiobjective Algorithms in Wireless Sensor Network	World Applied Science Journal	2012	-	Vol: 19 Issue: 6	772-779	Scopus	-	UTM First Author

48	Location Service Management Protocol for Vehicular Ad Hoc Network Urban Environment	Advances in Computer Science and Information Technology. Computer Science and Engineering,	2012	-	Vol: 85 Issue: -	563-574	Scopus	-	Co Author
49	Robust and Energy-efficient Data Gathering in Mobile Wireless Sensor Networks	Przegląd Elektrotechniczny	2013	-	Vol: 89 Issue: 1	191-196	Scopus	-	Co Author
50	Agent-based approach for modeling evacuee uncertainty behavior using game theory model	Lifescience Journal	2013	-	Vol: 10 Issue: 3	1350-1355	Scopus	-	UTM First Author
51	A Review of Current Research in Network Forensic Analysis	International Journal of Digital Crime and Forensic	2013	-	Vol: 5 Issue: 1	1-26	Scopus	-	UTM First Author
52	A Conceptual Model for Holistic Classification of Insider	Asian Journal of Applied Sciences	2014	-	Vol: 7 Issue: 5	343-359	Scopus	-	UTM First Author
53	Broadcasting in Connected and Fragmented Vehicular Ad Hoc Networks	International Journal of Vehicular Technology	2014	-	Vol: 2014 Issue: 1	1-15	Scopus	-	Co Author
54	Research on security protocol for collaborating mobile agents in network intrusion detection systems	American Journal of Applied Sciences	2014	-	Vol: 10 Issue: 12	1638-1647	Scopus	-	UTM First Author
55	Attacks and Security Solutions for Agent Communication in Multi-Agent Systems	International Journal of Soft Computing	2015	-	Vol: 10 Issue: 2	99-109	Scopus	-	UTM First Author
56	Detection and prevention of denial of service attacks (DOS) in WLANs infrastructure	Journal of Theoretical and Applied Information Technology	2015	-	Vol: 71 Issue: 3	417-423	Scopus	-	UTM First Author

57	Two Secure Non-Symmetric Role Key-Agreement Protocols	ARPN Journal of Engineering and Applied Sciences	2016	-	Vol: 11 Issue: 5	1-15	Scopus	-	Co Author
58	Understanding online behavior: Exploring the probability of online personality trait using supervised machine-learning approach	Frontiers in ICT	2016	-	Vol: 3 Issue: May	1-8	Scopus	-	UTM First Author
59	Leveraging Human Thinking Style for User Attribution in Digital Forensic Process	International Journal on Advanced Science, Engineering and Information Technology	2017	-	Vol: 7 Issue: 1	198-206	Scopus	-	UTM First Author
60	To Share or not share: Tabayyun made possible with MyVeri5	Advanced Science Letters	2017	-	Vol: 23 Issue: 5	4542-4545	Scopus	-	Co Author
61	A Secure Identity-Based Key Agreement Protocol Without Key-Escrow	Journal of Engineering and Applied Sciences	2017	-	Vol: 12 Issue: 9	4809-4813	Scopus	-	Co Author
62	Online Crowdfunding as Academic Grants: A Systematic Literature Review	Journal of Telecommunication, Electronic and Computer Engineering	2017	-	Vol: 9 Issue: 3-4 SI)	187-193	Scopus	-	Co Author
63	Computer forensic problem of sample size in file type analysis	International Journal of Advanced Intelligence Paradigms	2018	-	Vol: 11 Issue: 1-2	58-74	Scopus	-	UTM First Author
64	Routing protocol for low-power and lossy network performance comparison for objective functions	International Journal of Advanced Trends in Computer Science and Engineering,	2019	-	Vol: 8 Issue: 1.6 SI	109-115	Scopus	-	UTM First Author

NON INDEXED

1. Salim M Zaki, Mohd Asri Ngadi, Shukor Abd Razak (2009), "A Review of Delay Aware Routing Protocols in MANET", ISSR Journals, CS Letters, Vol. 1(1), pp. 1-12
2. Shukor Abd Razak, Normalia Samian, Mohd Aizaini Ma'arof, Steven Furnell, Nathan Clarke, Phil Brooke (2009), "A Friend Mechanism for Mobile Ad Hoc Network", Journal of Information Assurance and Security, Vol. 4 (5), pp. 440-448
3. Behnam Dezfouli, Marjan Radi, Shukor Abd Razak (2010), " A Cross-Layer Approach for Minimizing Interference and Latency of Medium Access in Wireless Sensor Networks", International Journal of Computer Network and Communication (IJCNC), Vol. 2, No. 4, pp. 126-142
4. Mahdi Maliki, Shukor Abd Razak (2011), "Application Porting Issues for C++ Applications", Journal of Theoretical and Applied Information Technology, Vol. 23(1), pp.51-59
5. Ramin Karimi, Norafida Ithnin ,Shukor Abd Razak,Sara Najafzadeh (2011), "Non DTN Geographic Routing Protocols for Vehicular Ad Hoc Networks", IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 5
6. Mohammad Hossein Anisi, Abdul Hanan Abdullah, Shukor Abd Razak (2011), "Energy- Efficient Data Collection in Wireless Sensor Networks", Wireless Sensor Networks, Vol. 3, No. 10, pp.338-342
7. M. R. Eslaminejad, M. Sookhak, S. A. Razak and M. Haghparast (2011), "A Review of Routing Mechanisms in Wireless Sensor Networks", International Journal of Computer Science and Telecommunications Vol. 2, Issue 7, pp. 1-9
8. Ramin Karimi, Norafida Ithnin ,Shukor Abd Razak,Sara Najafzadeh (2011), "DTN Routing Protocols for VANETs:Issues and Approaches", IJCSI International Journal of Computer Science Issues, Volume 8, Issue 6, pp.89-93
9. Salim M. Zaki and Shukor Abd Razak (2011), Mitigating Packet Loss in Mobile IPv6 Using Two-Tier Buffer Scheme. CSL, ISSRES, Vol. 3(2), pp. 1—10
10. Hassan Chizari, Majid Hosseini, Shukor Abd Razak, Abdul Hanan Abdullah (2011), "Triangle Area Segmentation for Coverage Measurement in Wireless Sensor Networks", IJCCN International Journal of Computer Communications and Networks, Vol. 1(1), pp. 1-5
11. Abdul Sattar Raja, Shukor Abd Razak, Ashiquee Rasool Mohammad, Khalid Mohiuddin (2012), "High Performance Technical Computing through Cloud Infrastructure Services", IJITCS, pp.29-38
12. Ikuesan R. Adeyemi, Shukor Abd Razak, Nor Amira Nor Azhan (2012),"Identifying Critical Features For Network Forensics Investigation Perspectives", International journal of Computer science and information security, Vol 10(9) pp.106-128
13. Sara Najafzadeh, Norafida Ithnin ,Shukor Abd Razak, Ramin Karimi (2013), "Dynamic Broadcasting in Vehicular Ad hoc Networks", International Journal of Computer Theory and Engineering, Vol 5(4), Issue 6, pp.629-632

14. Nor Amira Nor Azhan, Shukor Abd Razak, Ikuesan R. Adeyemi (2013), "Analysis of DQT and DHT in JPEG Files ", International Journal of Information Technology & Computer Science (IJITCS), Vol. 10(2), pp.1-11
15. Salim M. Zaki, M. A. Ngadi, Shukor Abd Razak (2015), "Location Server Selection Techniques in Vehicular Ad-Hoc Network", IJCSI International Journal of Computer Science Issues, Volume 12, Issue 5, pp.149-154
16. Adeyemi IR, Abd Razak S and Salleh M (2016) Understanding Online Behavior: Exploring the Probability of Online Personality Trait Using Supervised Machine-Learning Approach. Front. ICT 3:8. doi: 10.3389/fict.2016.00008
17. Aarafat Aldhaqm, Shukor Abd Razak, Siti Hajar Othman, Abdulalem Ali and Asri Ngadi (2016) Conceptual Investigation Process Model for Managing Database Forensic Investigation Knowledge. Applied Sciences, Engineering and Technology 12(14): 386-394. doi: 10.19026/rjaset.12.2377

H INDEX

No	Indexing	H-Index
1	Scopus	15
2	WoS	13

PROCEEDINGS/CONFERENCE

1. Shukor Razak, Steven Furnell, Nathan Clarke, Phil Brooke, "Attacks against Mobile Ad Hoc Networks Routing Protocols", Proceedings of the 5th Annual Postgraduate Symposium on the Convergence of Telecommunications, Networking and Broadcasting, pp. 147-152, Liverpool, June 2004
2. Shukor Razak, Steven Furnell, Nathan Clarke, Phil Brooke, "A Two-tier IDS for MANETs", Proceedings of the 4th European Conference on Information Warfare and Security, 2005, pp. 271-280
3. Shukor Razak, Steven Furnell, Nathan Clarke, Phil Brooke, "A Two-tier Intrusion Detection System for Mobile Ad Hoc Networks - A Friend Approach", Proceedings of the IEEE International Conference on Intelligence and Security Informatics (ISI 2006), 2006, pp. 590- 595, LNCS 3975
4. Shukor Razak, Steven Furnell, Nathan Clarke, Phil Brooke, "Building a Trusted Community for Mobile Ad Hoc Networks Using Friend Recommendation", AdHocNow 2007, 2007, pp. 15- 27, LNCS 4686
5. Shukor Razak, Normalia Samian, Aizaini Maarof, "A Friend Mechanism for Mobile Ad Hoc Networks", Proceedings of the 2008 The Fourth International Conference on Information Assurance and Security, 2008, pp. 243-248, IEEE Computer Society
6. Shukor Razak, Normalia Samian, Aizaini Maarof, "Towards Identifying Features of Trust in Mobile Ad Hoc Network", Proceedings of the 2008 Second Asia International Conference on Modelling & Simulation (AMS), 2008, pp. 271-276, IEEE Computer Society
7. Shukor Razak, Aziah Asmawi, Zailani, "System Architecture for SQL Injection and Insider Misuse Detection System for DBMS", Proceedings of the Information

Technology, 2008. ITSim, 2008, Vol. 4, pp. 1-6, IEEE Explore

8. Shukor Razak, Tameem Eissa, Asri Ngadi, "Enhancing MANET Security Using Secret Public Keys", International Conference on Future Network, 2009, pp. 130-134, IEEE Computer Society
9. Hassan Chizari, Majid Hosseini, Shukor Abd Razak, "Multi Point Relay Selection Using GA", Proceedings of the IEEE Symposium on Industrial Electronics and Applications, ISIEA, 2009, pp. 957-962
10. Marjan Radi, Behnam Dezfouli, Shukor Abd Razak, Kamalrulnizam Abu Bakar, "LIEMRO: A Low-Interference Energy-Efficient Multipath Routing Protocol for Improving QoS in Event- Based Wireless Sensor Networks", The 4th International Conference on Sensor Technologies and Applications (SENSORCOMM'10), July 2010, Italy, pp. 551-557
11. SaraNajafzadeh, Norafida Ithnin, Shukor Abd Razak, Ramin Karimi, "DPB: Dynamic Probabilistic Broadcasting in Vehicular Ad Hoc Networks", 2010 International Conference on Intelligent Network and Computing, IEEE, Kuala Lumpur, Malaysia, 2010
12. Ramin Karimi, Norafida Ithnin, Shukor Abd Razak, Sara Najafzadeh, " A Comparative Study of Disruption Tolerant Network Routing Protocols for Vehicular Networks", IEEE 2010 International Conference on Intelligence and Information Technology, Lahore, Pakistan, 2010
13. Ramin Karimi, Norafida Ithnin, Shukor Abd Razak, Sara Najafzadeh, "Geographic Routing Protocols for Vehicular Ad Hoc Networks", 2010 International Conference on Intelligent Network and Computing, Kuala Lumpur, Malaysia, 2010
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PLENARY/CHAIRPERSON/ORAL POSTER PRESENTER/KEYNOTE ADDRESS / INVITED GUEST SPEAKER

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1	Invited Speaker	Seminar Serantau Perguruan Ugama - Menghayati Teknologi	2011	Kolej Universiti Perguruan Ugama Brunei
2	Invited Speaker	Networking and Security Seminar	11-13 July 2011	Kolej Universiti Perguruan Ugama Brunei
3	Invited Speaker	Seminar Kebangsaan Sains Islam	2012	Universiti Sains Islam Malaysia
4	Keynote Speaker	Recent Technological Trends in Computing Research Workshop	11-13 November 2013	Universiti Brunei Darussalam
5	Plenary Speaker	International Research Management & Innovation Conference: Special Track of Research Information Management System	26-27 August 2015	Langkawi
6	Chairperson	2017 IEEE Conference on Applications, Information and Network Security	13-14 November 2017	Sarawak, Malaysia
7	Chairperson	2018 IEEE Conference on Applications, Information and Network Security	21-22 November 2018	Langkawi, Malaysia

8	Keynote Speaker	PROSPER-THY-NEIGHBOUR: 3 NEGARA JIRAN 2.0 – RAISING HEROES PHNOM PENH	12-14 December 2019	Cambodian Islamic Youth Association for Development
9	Keynote Speaker	2 nd International Seminar on Management of Research 2019	23 September 2019	Universiti Teknologi Malaysia
10	Invited Speaker	Cyber Security Awareness and Cyber Risk Mitigation Program	December 2019	Malaysia Parliament
11	Chairperson	2019 IEEE Conference on Applications, Information and Network Security	19-21 November 2019	Penang, Malaysia
12	Chairperson	2020 IEEE Conference on Applications, Information and Network Security	17-19 November 2020	Online
13	Invited Speaker	Seminar: Internet of Thing on Smart City to Leverage Civil Service	2021	University of Respati, Yogyakarta, Indonesia

PROFESSIONAL SERVICES

Patent Granted and Filing

NO	NAME OF PATENT	STATUS OF PATENT	OTHERS
1	Method and State Machine for Modelling Packet Reception with Capture Effect in Low- Power and Local Area Wireless Networks	Patent Granted	MY-168731-A
2	A Method of Generating a Session Key in Certificateless Public Key Infrastructure	Patent Filled	PI2015702683
3	A Cost Effective Decentralized Session Key Generation Method Based on Pairing Free	Patent Filled	PI2015703244

Copyright

NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT	YEAR
1	USB Storage Device Authentication System (UDAS)	Registered	2013
2	Novel Secure Key Agreement Protocols Without Pairings with Minimal Computational Expense	Registered	2014
3	Mobile Application for Forwarded Message Verification (MyVeri5)	Registered	2015
4	Research and Development Information System – RADIS Grant Management – Application	Registered	2016
5	Research and Development Information System – RADIS Grant Management – Registration	Registered	2016
6	RADIS Sodo Virement Module	Registered	2016
7	RADIS Progress Report and Final Report Module	Registered	2016
8	RADIS Project Extension Module	Registered	2016
9	RADIS RADIS Closing Account Module	Registered	2016
10	RADIS Key Amal Indicator Module	Registered	2016
11	RADIS Project Activation Module	Registered	2016
12	RADIS Appointment and SPB Module	Registered	2017