


CURRICULUM VITAE

1	Contact Information			
	Name	Assoc. Prof. Dr. Sakinah Ali Pitchay Associate Professor, DS54		
	Office Address	Faculty of Science and Technology Universiti Sains Islam Malaysia, Bandar Baru Nilai, 71800 Nilai, Negeri Sembilan, Malaysia.		
	Telephone (Office)	+606-798 6539 (FST)		
	Cell Phone	+6012-2683836		
	Email (Official)	sakinah.ali@usim.edu.my	Email Alternative	sakinah.ali.83@gmail.com
	LinkedIn Profile	www.linkedin.com/in/sakinah-ali-pitchay		
2	Personal Information			
	Citizenship	Malaysian		
3	Education History			
	PhD	PhD (Computer Science) – Birmingham University, UK 2013 *Passed with no correction.		
	Masters	MSc (Computer Science – Real Time Software Engineering) – UTM KL, Malaysia 2007		
	Bachelor	B.IT (Computer Science – Software Engineering) – UMT, Malaysia 2005		
4	Areas of Specializations			
	Major	Computer Science (Image Processing and Software Engineering)		
	Minor	Information Security		
5	Awards & Recognition			
	Innovation Competition: 53 medals 8 special awards. (1 Diamond, 24 Gold, 14 Silver & 8 Bronze) 1 consolation prize.	<div>1) 2024 – Bronze Medal, DisasterPrep: Gamified Mobile Edutainment for Future Disaster Preparedness and Resilience - Int. University Carnival on E-Learning (IUCEL) 2024</div> <div>2) 2023 – Special Award Top 3 & Gold Award, The International Virtual E-Content Development Competition (Leader), SWINDLERT, Pitching Educator Category.</div> <div>3) 2023 – Gold Award, The International Virtual E-Content Development Competition (Supervisor), Pitching Student Category</div> <div>4) 2023 – Gold Award, Secure Cybercitizenship (SET), Malaysia Technology Expo 2023 – International Innovation Award (Leader)</div> <div>5) 2023 – Silver Award, SAKTI-Chatbox, Malaysia Technology Expo 2023 – International Innovation Award (Member)</div> <div>6) 2023 - Silver Award, SWINDLERT: Mobile Gamification Using Augmented Reality for Cybercrime Edutainment, - Int. University Carnival on E-Learning (IUCEL) 2023</div> <div>7) 2023 - Gold Medal, SAKTI-Secure Chat Box – SCITEX USIM</div> <div>8) 2023 - Silver Medal, DisAPrep: Enhancing Disaster Preparedness Through Edutainment-Based Mobile Application – SCITEX USIM</div> <div>9) 2023 – Bronze Award, SWINDLERT, Malaysia Technology Expo 2023 – International Innovation Award (Leader)</div> <div>10) 2023 – Silver Medal (Professional), Secure Cybercitizenship (SET), Virtual Innovation Competition (Leader)</div> <div>11) 2023 – 3 Gold Award, International Virtual Competition of Creative & Innovative Idea (IVCCII) (Supervisor)</div> <div>12) 2023 – Gold Medal (Tertiary (Science & Technology)), NGSOC Component in IT Asset Management Policy in Security Operation Centre, Virtual Innovation Competition (Postgraduate Supervisor)</div> <div>13) 2023 – Gold Medal (Virtual 3MT), D-STAC: Dashboard System for Student Association, Virtual Innovation Competition (Supervisor)</div> <div>14) 2023 – Silver Medal (Virtual 3MT), DISAPREP: Mobile Edutainment as a Medium for Disaster Preparedness, Virtual Innovation Competition (Supervisor)</div> <div>15) 2023 - Gold Award, SWINDLERT: Mobile Gamification Using Augmented Reality for Cybercrime Edutainment, Final Year Project and Postgraduate: Research & Innovation</div>		

		<p>Poster Competition (RIPC) Series 1/2023, {Supervisor}</p> <p>16) 2023 - Gold Award, VolunMates: Data Visualization in Volunteer System, Final Year Project and Postgraduate: Research & Innovation Poster Competition (RIPC) Series 1/2023, {Supervisor}</p> <p>17) 2023 - Gold Award, D-STAC: Dashboard System for Student Association Towards Producing Holistic Graduates, Final Year Project and Postgraduate: Research & Innovation Poster Competition (RIPC) Series 1/2023, {Supervisor}</p> <p>18) 2022 - Gold Award, CYBERPOLY: Cybersecurity Edugame, Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA), 1-3 Nov 2022. (Leader)</p> <p>19) 2022 - Gold Award & 1st Place, Cyberpoly: Mobile Gamification for Raising Cyber Attacks Awareness, "Thesis In 5 Minutes Series 1/2022", MNMF Network.</p> <p>20) 2022 - Diamond Award & 1st Place, VolunMates: Data Visualization in Volunteer System, Thesis in 5 Minutes (T5M Series 2/2022), {Supervisor}</p> <p>21) 2022 - Gold Award & 2nd Place, D-STAC: Dashboard System for Student Association Towards Producing Holistic Graduates, Thesis in 5 Minutes (T5M Series 2/2022), {Supervisor}</p> <p>22) 2022 - Gold Award, SWINDLERT: Mobile Gamification Using Augmented Reality for Cybercrime Edutainment, Thesis in 5 Minutes (T5M Series 2/2022), {Supervisor}</p> <p>23) 2022 - Gold Medal, CYBERPOLY: Cybersecurity Edugame, "International University Carnival on E-Learning (IUCEL) 2022". (Leader)</p> <p>24) 2022 - Gold Medal, FinEd: Financial Literacy Through Edutainment, "International University Carnival on E-Learning (IUCEL) 2022". (Leader)</p> <p>25) 2022 - Bronze Medal, International Malaysia Technology ExPO (MTE) 2022, Cyberpoly: Mobile Gamification for Security Awareness Campaign.</p> <p>26) 2022 - Gold Award, Cyberpoly: Cybersecurity Edugame, Defence, Security and Sustainability Exhibition (DSS 2022).</p> <p>27) 2022 - Top 3 Awards for Highschool/IPT Student Category (2nd Place), Cyberpoly: Cybersecurity Edugame, International Learning Innovation Competition (PIP), {Advisor}.</p> <p>28) 2022 - Consolation Prize for Highschool/IPT Student Category, Financial Literacy Through Edutainment, International Learning Innovation Competition (PIP), {Advisor}.</p> <p>29) 2022 - Silver Award, Cyberpoly: Cybersecurity Edugame, International Virtual E-Content Development Competition 2022.</p> <p>30) 2022 - Silver Award, FinEd: Financial Literacy Through Edutainment, International Virtual E-Content Development Competition 2022.</p> <p>31) 2022 - Gold Medal, Cover-Selection-Based Audio Steganography (CAS) Based on Least Significant Bit (LSB) for Balanced Performance, 2nd Innovation Bank Challenge (IBC), Research Category.</p> <p>32) 2022 - Gold Medal, FinEd: Financial Literacy Through Edutainment, 2nd Innovation Bank Challenge (IBC), Innovation Category.</p> <p>33) 2022 - Silver Medal, Cyberpoly: Cybersecurity Edugame, 2nd Innovation Bank Challenge (IBC), Innovation Category.</p> <p>34) 2021 - 1st Winner, Cyberpoly, "Start-up Idea for Developing Entrepreneurship", 3rd Widyatama International Innovation and Academy Competition.</p> <p>35) 2021 - Gold Medal, Cyberpoly: Mobile Gamification for Raising Cyber Attacks Awareness, Karnival Inovasi @ UMT 2021 (<i>Amalan Inovasi Pelajar</i>)</p> <p>36) 2021 - Gold Medal, FinEd: Financial Literacy Education, Karnival Inovasi @ UMT 2021 (<i>Amalan Inovasi Pengajaran & Pembelajaran</i>)</p> <p>37) 2021 - Silver Award, Cyberlaw Almanac, International E-Content Development Competition 2021 (e-ConDev 2021)</p> <p>38) 2021 - Best Poster Award, Best Virtual Video Presentation Award, Gold Award, Cyberpoly: Mobile Gamification for Raising Cyber Attacks Consciousness, The 1st Technology and Research Exhibition (TREX) 2021</p> <p>39) 2020 - Special Prize Theme Section, 11th NAPROCK International Programming Contest, 20 March 2020, Organizer {Nourishment Association for Programming Contest KOSEN, NPO}</p> <p>40) 2019 - FIRST PLACE, Software Programming Innovation Competition (PROCOM), Tel-Med Care, Cash prize RM2500, 4-5 Dec 2019, Organizer: Chinese Weekly, MMU, NAPROCK, Embassy Japan in Malaysia, MDEC, JAGAM. Malaysian representative of Procom International at Cambodia, March 2020. {Mentor}</p>
--	--	---

		<p>41) 2019 – Silver Award – Innovation, TravMed Cloud, Melaka International Intellectual Exposition (MiiEX) 2019.</p> <p>42) 2019 – Bronze Award IUCEL 2019, MOBAS: Mobile Barcode Scanner Based Attendance System for Education 4.0</p> <p>43) 2019 – Bronze Award IUCEL 2019, Bluetooth Smart Based Attendance System for Teaching and Learning</p> <p>44) 2019 – Bronze Award IUCEL 2019, Dashboard Monitoring System (DMS) for Postgraduate Study</p> <p>45) 2018 – Silver Medal i-Inova 2018 – Jawi Captcha (JaCAPT) Based Security System for Login Authentication</p> <p>46) 2018 – Bronze Medal InIIC Series 1/2018 – DeMuse: Music Mood Application</p> <p>47) 2017 – Gold Medal IUCEL 2017 – Supporting eLearning through Centralized Integrated Portal Postgraduate System (iPPS)</p> <p>48) 2017 – Bronze Medal IUCEL 2017 – e-Mentor: Mobile Application for Mentor Mentee Management</p> <p>49) 2016 - Silver Medal ITEX 2016- IM Ready</p> <p>50) 2016 - Silver Medal i-Inova 2016 – Q-Checked</p> <p>51) 2016 - Silver Medal InIIC Series 2/2016 – Integrated Academic and Research Management System (i-ARMS)</p> <p>52) 2015 – Bronze Medal Pecipta 2015 – EZCERT 2.0</p> <p>53) 2014 - Gold Medal ITEX 2014 -EZCERT</p>
	<p>Recognition</p> <ul style="list-style-type: none"> • 3 internationals • 4 nationals • 15 university level • 8 faculty level 	<p>1) 2024 - Education 2.0 Conference, Outstanding Leadership Award, Dubai, UAE.</p> <p>2) 2024 - Majlis Anugerah Alumni Universiti Malaysia Terengganu (MAIKA'23), Ikon Alumni Akademik.</p> <p>3) 2024 - Anugerah Qudwah Hasanah, Majlis Anugerah Kecemerlangan dan Inovasi 2023</p> <p>4) 2023 - 1st Winner of OIC-CERT (Computer Emergency Response Team) Global Cybersecurity Award (USD 1,000.00) in Abu Dhabi, UAE, Cyber Hasanat.</p> <p>5) 2023 - Anugerah Inovasi Terbaik, Majlis Anugerah Penyelidikan & Inovasi USIM 2022.</p> <p>6) 2023 - Anugerah Inovasi & Pengkomersialan (Projek: Cyberpoly), Majlis Anugerah Kecemerlangan dan Inovasi tahun 2022 USIM</p> <p>7) 2023 - Ma'al Hijrah 1445H/2023M Award (Academic Category), USIM</p> <p>8) 2023 - Academic Icon, Alumni Chapter Computer Science of Universiti Malaysia Terengganu {National}</p> <p>9) 2023 - Finalist Academic Icon, Majlis Anugerah Alumni Universiti Malaysia Terengganu (MAIKA) 2022 {National}</p> <p>10) 2023 - Anugerah Kreativiti & Inovasi, Majlis Apresiasi & Kecemerlangan Fakulti Sains & Teknologi (HafluFAST'22) {Faculty}</p> <p>11) 2023 - USIM Representative/Nomination for Anugerah Ahli Akademik Harapan, 15th Anugerah Akademik Negara (AAN) {National}</p> <p>12) 2023 - Anugerah Staf Contoh Fakulti Sains dan Teknologi Bulan Januari 2023.</p> <p>13) 2022 - Anugerah Perkhidmatan Setia, USIM</p> <p>14) 2022 - Graduate Employability Personality Award, USIM</p> <p>15) 2022 - Anugerah Pensyarah Pilihan (Perempuan), Majlis Anugerah Fakulti Sains dan Teknologi (MAFAST) {Faculty}</p> <p>16) 2022 - Anugerah Kecemerlangan LNPT 90% and above, FST USIM</p> <p>17) 2022 - Tokoh Inovasi & Pementoran, Majlis Apresiasi & Kecemerlangan FST (HafluFAST'21) {Faculty}</p> <p>18) 2021 - Certificate of Recognition, Rising Star Agri-Food Innovation Challenge, TFF (Thought for Food) Challenge 2021, {International}</p> <p>19) 2021 - Anugerah Staf Contoh Fakulti Sains dan Teknologi Bulan Jun</p> <p>20) 2021- Penghargaan Kecemerlangan Perkhidmatan 2020 – LNPT melebihi 90%, FST</p> <p>21) 2020 - Anugerah Perkhidmatan Cemerlang 2019, USIM</p> <p>22) 2020 - Penghargaan Kecemerlangan Perkhidmatan 2019 – LNPT melebihi 90%, FST</p> <p>23) 2019 - Anugerah Penyelidik Harapan Kategori Sains, Teknologi dan Perubatan 2018, Majlis Anugerah Kecemerlangan dan Inovasi Universiti Sains Islam Malaysia 2019</p> <p>24) 2019 - Penghargaan Kecemerlangan Perkhidmatan 2018 – LNPT melebihi 90%, Fakulti Sains dan Teknologi</p>

		<p>25) 2017 - Staf Contoh Bulanan Fakulti Sains dan Teknologi, USIM (Mei 2017)</p> <p>26) 2016 - Penghargaan Kecemerlangan Perkhidmatan 2016 – LNPT melebihi 90, FST USIM</p> <p>27) 2015 - Penghargaan Kecemerlangan Perkhidmatan 2015 – LNPT melebihi 90%, FST 28)</p> <p>29) 2015 - Anugerah Naib Canselor, USIM 2015</p> <p>30) 2014 - Anugerah Pensyarah Aktif 2014, Pusat Akses Pembelajaran Terbuka Global (GOAL CENTRE), USIM</p> <p>31) 2014 - Anugerah E-Pembelajaran USIM</p> <p>32) 2014 - Anugerah Perkhidmatan Cemerlang, USIM</p> <p>33) 2014 - Anugerah Kecemerlangan Penyelidikan – EZCERT</p> <p>34) 2004 - Anugerah Pelajar Cemerlang 2004 Sarjana Muda Teknologi Maklumat (Kejuruteraan Perisian)</p>
6	Professional Qualification	
	Certification	<ul style="list-style-type: none"> - Microsoft Certified: Azure AI-Fundamentals, Cert. Number: I507-7872 - Digital Forensic for First Responder Training – 2017, CyberSecurity Malaysia and MOSTI - Certified Tester, Foundation Level (CTFL) – 2014, Certificate No.: MY0357-14 - Graduate Technologist, MBOT, No. Pendaftaran: GT18051935
	Membership	<ul style="list-style-type: none"> - Cyber Security Academic Malaysia (CSAM), Life membership. ID: 202300139 - Member, International Association of Engineers, No: 133929, 2013-till date - Member, Gov. Comp. Emergency Response Team (GCERT), 2015-2022 - Member, Graduate Technologist (Teknologis Berijazah), Lembaga Teknologis Malaysia (MBOT), GT18051935, Information & Computing Technology, 2018 - Member, Unit CyberSecurity and System (CSS), Universiti Sains Islam Malaysia, 2018 – current - Member, Institut Sains Islam (ISI), Universiti Sains Islam Malaysia, 2018 – 2021
7	Employment History	
		<ul style="list-style-type: none"> - Jan 2021 – current: Deputy Dean (Student Affairs & Alumni), USIM - Feb 2019 – till date: Associate Professor, USIM - Oct 2015 – Dec 2020: Head of Programme Computer Science (Information Security & Assurance), USIM - July 2013 – till date, Senior Lecturer, USIM - June 2007 – Dec 2008, Tutor, USIM - 2006 (6 months) – Master Intern, Software Tester, Custommedia Sdn Bhd, Technology Park Malaysia - 2005 (3 months) – Master Intern, Unit Penyelidikan CASE, UTM KL - 2003 – Undergraduate Intern, Tenaga Nasional Berhad and MPMBB
8	Teaching	
		<p>Postgraduate</p> <ul style="list-style-type: none"> - SZ80118 Thesis I, 2013 - 2019 (Coordinator) - SZ80218 Thesis II, 2018 (Coordinator) - SKJ8013 Cyber Crime and Forensics, 2014 <p>Undergraduate</p> <ul style="list-style-type: none"> - SKJ1063 Computer Network, 2018 – current - SKJ2011 Inclusive Digital Society, 2023 – current - SSS3052 Research Methodology, 2019 – 2020 - SKZ4999 Industrial Training, 2020 – current (Coordinator) - SKZ4356 Industrial Training, 2016 – 2022 (Coordinator) - SKJ4301 Honours Seminar, 2016 – current - SKJ4232 Thesis I, 2016 - 2021 - SKJ4294 Thesis II, 2016 - 2021 - SKJ3443 Network and Management Information System, 2014-2018 - SKJ4642 Principles of Computer Network, 2016-2018 & 2020 - SKS1362 Information Communication Technology, 2014-2016 - SKM2504 Multimedia and Data Management Technology, 2013-2014

		- UTA1082 Information and Communication Technology, 2007
9	Supervision	
	Brief Information	<ul style="list-style-type: none"> - 1 PhD student completed as a supervisor (4120098). - 1 PhD student completed as main supervisor (4130199). - 2 MSc students completed as supervisor (3172548 & 3212455) - 2 MSc students completed as co-supervisors (3150099 & 3150093). - 1 MSc student completed as main supervisor (3231326) - 2 MSc students completed as co-supervisors (3222544 & 3231327) <p>IN PROGRESS</p> <ul style="list-style-type: none"> - 2 PhD students in progress, as co-supervisor (4150247, 4202464) - 1 MSc student as main supervisor (3221437) - 1 MSc student as co-supervisor. (3222544)
	PhD	<ol style="list-style-type: none"> 1. [COMPLETED, VIVA in Oct 2016] – Compound Binarization for Degraded Document Image and Feature Point Extraction for Handwritten Arabic Optical Character Recognition, Arwa Mahmoud Yousef Al-Khatatneh (4120098). Graduated 2017, Faculty Award (Doctor of Philosophy – Research) 2. [COMPLETED, VIVA in Dec 2017] – Rainy Streaks Removal Using Total Variation and Sparse Coding, Samer Mahmoud Mohamed Shorman (4130199). Graduated 2018 3. [Terminated, started Sept 2014], Wail Abdo Ali Al-Hiagem (4140075) 4. [Softbound submission 2024] – Combination Between Software Engineering and Computer Forensic, Al-Jidi Bashar Izzeddin Issa (4150247). 5. [In Progress, started March 2017] – Big Data Technology, Almadhoun Mahmoud A, (4160225). 6. [In Progress, started Dec 2021] – Mohd Amri Aminudin (4202464).
	Master's by Research & Mixed Mode	<ol style="list-style-type: none"> 1. [GRADUATED, 2017] – Anes Abdulqahar Shaker (3150099), A New Hybrid AES Algorithm Combined with Steganography Based on the Concept of Lunar and Solar Letters, Graduated 2018. 2. [GRADUATED, 2017] – An Ontology Based Approach for Retrieving Medical and Health Science Knowledge in Quran, Muhammad Afifi Bin Mohamad Safee (3150093), Graduated 2018 – GRA RAGS. 3. [GRADUATED, 2023] - A New Algorithm of Geo-Encryption Based on Location for Secure Cloud Storage, Nur Syafiqah Binti Mohd Shamsuddin (3172548) - GRA FRGS. 4. [GRADUATED, 2023] - Master of Computer Science (Information Security & Assurance), Mixed Mode] - IT Asset Management Policy in NGSOC Using Delphi Technique, A'in Hazwani Binti Ahmad Rizal (3212455). Awarded postgraduate award in USIM convo. 5. [IN PROGRESS, 2023 – Current, Master of Science (by Research)], Ahmad Taqiyuddin Mohd Anas (3222544) – GRA, FRGS, Passed Qualifying Test, GRA FRGS. 6. [IN PROGRESS, 2023 – Current, Master of Science (by Research)], Nurun Nuha binti Rahim (3231326) – GRA FRGS, Passed Qualifying Test. 7. [IN PROGRESS, 2023 – Current, Master of Science (by Research)], Hazeeqah Amny Binti Kamarul Aryffin (3231327) – GRA FRGS, Passed Qualifying Test.
	Undergraduate (FYP-Thesis) - Supervisor	<ol style="list-style-type: none"> 1. [IN PROGRESS, 2024] – CyDef: Cyber Defense Virtual Escape Room, Nur Athirah Binti Sahom (1210547). 2. [IN PROGRESS, 2024] – VirtuSci Lab: Science Lab using Augmented Reality, Norsyuhadah Abdullah (1210555) 3. [IN PROGRESS, 2023] – DISAPREP: Mobile Application for Disaster Preparedness Via Edutainment, Laila Mastura Binti Ahmad Zabidin (1200587). 4. [COMPLETED, 2023] – AL-MUALIM: Learning Arabic Language Via Interactive Mobile Application, Mohammed A. M. Shehab (1200007). 5. [GRADUATED, 2023] – D-STAC: Dashboard System for Student Association, Aufa Binti Abdullah (1190501). 6. [GRADUATED, 2023] – VOLUNMATES: Data Visualization in Volunteer System, Auni Halili binti Zamburi (1190514). 7. [GRADUATED, 2023] – SWINDLERT: Mobile Gamification Using Augmented Reality for Cybercrime Edutainment, Muhammad Syahmi Imran Bin Mohamad (1190557). 8. [GRADUATED, 2022] – Cyberpoly: Mobile Gamification for Raising Cyber Attacks

		<p>Awareness, Anis Syahira Binti Suhaimi (1180448), {TOP 5 BEST PRESENTER AND FINAL YEAR PROJECT AWARD}, GRADUATED 2022.</p> <p>9. [GRADUATED, 2022] – CRYSTAL: Indoor Air Quality Monitoring System Using IoT Technology, Muhammad Imran Bin Mohamad Fauzi (1180471), Graduated 2022.</p> <p>10. [GRADUATED, 2022] - Potholes Detection System Using Image Processing, Khairun Nadhirah Binti Hai Rozzaman (1180493), Graduated 2022.</p> <p>11. [GRADUATED, 2021] – Vehicle Speed Monitoring System via IOT Technology, Nafisah Bt Kamaruzzaman (1170033), Graduated 2021.</p> <p>12. [GRADUATED, 2021] – Cyberia: Interactive Mobile Board Game Apps for Cybersecurity Awareness, Nur Amirah Binti Yahaya (1170023), Graduated 2021.</p> <p>13. [GRADUATED, 2021] – Data Visualization in Thesis Management System, A'in Hazwani Binti Ahmad Rizal (1170057). {TOP 5 BEST PRESENTER AND FINAL YEAR PROJECT AWARD}, Graduated 2021.</p> <p>14. [GRADUATED, 2021] – USIM Mosque and Surau Financial Management System, Noor Fatin Najwa Binti Othman (1170047). Graduated 2021.</p> <p>15. [GRADUATED, 2020] - i-Diet: Diet Mobile Application on Food and Exercise Recommendation, Mohamad Noramirul Bin Nordin. {TOP 5 BEST POSTER AND PROJECT DEMONSTRATION AWARD}. Graduated 2021.</p> <p>16. [GRADUATED, 2020] - DAppoint: Dental Appointment Reminder System in USIM With Alphanumeric CAPTCHA Login Authentication, Nur 'Izzatul Munirah Binti Salleh. {TOP 5 BEST POSTER AND PROJECT DEMONSTRATION AWARD}</p> <p>17. [GRADUATED, 2019] Mobile Application Attendance System Using Codabar Barcode, Muhammad Idlan Zikri Bin Abdul Radzif. Graduated 2019.</p> <p>18. [GRADUATED, 2019] Carry Marks System Using Jawi-Captcha for Login Authentication, Nurul Izzaty Bt Kamarul Bahrin. Graduated 2019.</p> <p>19. [GRADUATED, 2018] Jawi Captcha Based Security System for Login Authentication (JaCAPT), Nur Nabihah Bt Mohd Suhaimi, [SILVER MEDAL FOR I-NOVA'18], Graduated 2018</p> <p>20. [GRADUATED, 2018] Image Encryption and Decryption Using Advanced Standard (AES) Algorithm, Fathin Nadhrah Bt Ahmad Nabih. {TOP 5 BEST PRESENTER}, Graduated 2018</p> <p>21. [GRADUATED, 2018] Geo-Encryption Using Advanced Encryption Standard (AES) Algorithm for Android User (GeoCrypt), Nur Izzati Bt Zahri. Graduated 2018</p> <p>22. [GRADUATED, 2017] – i-ARMS: Secured Web-Based for Integrated Academic and Research Management System, Muhamad Fadhil Bin Ahmad Zaki, Graduated 2017. {Pembentangan Tesis Prasiswazah Terbaik Program Keselamatan & Jaminan Maklumat 19-23 Dis 2016}</p> <p>23. [GRADUATED, 2017] – A Secured Tool of Encryption and Decryption for Image and Text Using Different Techniques (enDec), Nurul Syazwani Bt Saruan, Graduated 2017. {Pembentangan Tesis Prasiswazah Terbaik Program Keselamatan & Jaminan Maklumat 19-23 Dis 2016}</p> <p>24. [GRADUATED, 2017] – E-Mentor: Mobile Application for Mentor Mentee Program, Izzaty Bt Anuar, Graduated 2017. [BRONZE MEDAL IN IUCEL 2017]</p> <p>25. [GRADUATED, 2017] – e-Events: ISA Events Mobile Application for ISA Programme, Nurhannan Bt Khairi.</p> <p>26. [GRADUATED, 2016] - Faculty of Science and Technology (Fst) Online Room Booking System, Nur Syafiqah Binti Zakaria.</p> <p>27. [GRADUATED, 2016] - Maps Directory Application in FST Building for Android User, Nur Aimi Atiqah Binti Rahimi.</p> <p>28. [GRADUATED, 2015] – A Comprehensive Study on Anti-Forensic and Anti-Anti Forensic Tools, Che Ku Muhammad Khalaf Bin Che Ku Muda.</p>
10	Publications	
	<p>Journals</p> <p>Updated January 2023 (Total ISI/Scopus/ERA = 20)</p> <p>(Total Non-ISI/Scopus =</p>	<p>2024</p> <p>1) Azni Haslizan Ab Halim, Farida Ridzuan, Nur Hafiza Zakaria, Abdul Alif Zakaria, Najwa Hayaati Mohd Alwi, Sakinah Ali Pitchay, Ismail Az-Zuhar, Ahmed A.AiSabhany, SAKTI©: Secured Chatting Tool Through Forward Secrecy, Journal of Advanced Research in Applied Sciences and Engineering Technology 49(1), 2024, pp. 54-62</p>

5)

2022

- 2) **Sakinah Ali Pitchay**, Anis Syahira Suhaimi, Najwa Hayaati Mohd Alwi, Farida Ridzuan & Azni Haslizan Ab Halim. Enhancing Cyber-attacks Awareness via Mobile Gamification Techniques, International Journal of Advanced Research in Technology and Innovation, Vol 4(2), ISSN 2682-8324, 2022.
- 3) **Sakinah Ali Pitchay**, Anis Syahira Suhaimi, Najwa Hayaati Mohd Alwi, Farida Hazwani Mohd Ridzuan & Azni Haslizan Ab Halim, Cyberpoly: Cybersecurity Edugame, "International University Carnival on E-Learning (IUCEL) Proceedings" 2022, pp. 106-110, eISBN 978-967-26517-1-0.
- 4) **Sakinah Ali Pitchay**, Muhamad Badrul Amin Mohd Tarmizi, Muhammad Syahmi Imran Mohamad, Aufa Abdullah & Auni Halili Zamburi, FinEd: Financial Literacy Through Edutainment, "International University Carnival on E-Learning (IUCEL) Proceedings" 2022, pp. 693-698, eISBN 978-967-26517-1-0.
- 5) Bashar Izzeddin Issa Aljidi, Sundresan Perumal and **Sakinah Ali Pitchay**. Securing data using deep hiding selected least significant bit and adaptive swarm algorithm. Indonesian Journal of Electrical Engineering and Computer Science. Vol. 28(3), Dec 2022. ISSN: 2502-4752.
- 6) A'in Hazwani Ahmad Rizal, **Sakinah Ali Pitchay** & Yau Ti Dun. Systematic Literature Review on IT Asset Management Framework in Security Operation Center, Malaysian Journal of Information and Communication Technology. Vol 7(2) 2022, e-ISSN 0127-7812.

2020

- 7) Murtadha Arif Bin Sahbudin, **Sakinah Ali Pitchay** & Marco Scarpa. Geo-COVID: Movement Monitoring based on Geo-fence Framework For COVID-19 Pandemic Crisis. Advances in Mathematics: Scientific Journal (2020), No.9, pp. 7385–7395, ISSN: 1857-8365 (printed); 1857-8438 (electronic), <https://doi.org/10.37418/amsj.9.9.85> Special Issue on ICCEMS. {Indexed: **SCOPUS**}
- 8) Nur Syafiqah Mohd Shamsuddin and **Sakinah Ali Pitchay**, Journal of Physics: Conference Series, Implementing Location-Based Cryptography on Mobile Application Design to Secure Data in Cloud Storage, 1551 (2020), IOP Publishing, doi:10.1088/17426596/1551/1/012008 {Indexed: **SCOPUS**}

2019

- 9) Nur Syafiqah Mohd Shamsuddin and **Sakinah Ali Pitchay**. Location-based Cryptographic Techniques for Data Protection. Postgraduate Seminar Faculty of Science and Technology 2018 (KoSiST'18). Malaysian Journal of Science, Health and Technology (MJoSHT), [S.I], Nov 2019. ISSN 2601-0003, vol 4. Special Issue. KoSiST 2018

2018

- 10) Aslina Baharum, **Sakinah Ali Pitchay**, Rozita Ismail, Emelia Abdul Rahim, Suhaida Halmi, A.Bhanupriya Naidu A/P Anathan. Discovering Austim Child Potential Using Autism Parenting Application. International Journal of Advances in Electronics and Computer Science, ISSN:2393-2835. Vol. 5(5), 2018. {Impact factor: **2.68**}
- 11) Aslina Baharum, **Sakinah Ali Pitchay**, Rozita Ismail, Noor Fzlinda Fabeil, Nordaliela Mohd Rusli, Iza Azura Ahmad Bahar, Demuse: Releasing Stress Using Music Mobile Application, Journal of Theoretical and Applied Information Technology, vol. 96(14), pp. 4624-4648, ISSN: 1992-8645, E-ISSN: 1817-3195, 2018. {Indexed: **SCOPUS**}.
- 12) **Sakinah Ali Pitchay**, Wail Abdo Ali Alhiagem, Farida Ridzuan and Sundresan Perumal. Mobile Application Design for Protecting the Data in Cloud Using Enhanced Technique of Encryption. Int. Journal of Engineering & Technology (IJET), vol.7, No. 4(15), pp. 98-102, 2018. ISSN: 1793-8236, {Indexed: **SCOPUS**}
- 13) Sundresan Perumal, Ganthan Narayana Samy, Bharanidharan Shanmugam, Pritheega Magalingam, **Sakinah Ali Pitchay** and Sameer Hasan Albakri. Transformative Cyber Governance Security Model for Malaysian Government Agencies. Int. Journal of Engineering & Technology (IJET), vol.7, No. 4(15), pp. 87-92, ISSN: 2227524X, 2018. {Indexed: **SCOPUS**}
- 14) Nurlida Basir, N. F. Nabila, Nurzi Juana Mohd Zaizi, Madiah Mohd Saudi, Farida Ridzuan and **Sakinah Ali Pitchay**. Retrieval Performance for USIM's Quranic Search Engine. Int. Journal of Engineering & Technology (IJET), vol.7, No. 4(15), pp. 126-129, 2018. {Indexed: **SCOPUS**}
- 15) Muhammad Afifi Mohamad Safee, Madiah Mohd Saudi, **Sakinah A. Pitchay**, Farida Ridzuan, Nurlida Basir, Kamarudin Saadan, Fatin Nabila. Hybrid Search Approach for Retrieving Medical and Health Science Knowledge from Quran. International Journal of

		<p>Engineering & Technology (IJET), vol. 7, No. 4(15), pp. 69-74, 2018. DOI: https://doi.org/10.14419/ijet.v7i4.15.21433, {Indexed: SCOPUS}</p> <p>2017</p> <p>16) Samer Mahmoud Shorman, Sakinah Ali Pitchay and Rosalina Abdul Salam. Rain Streaks Removal Using Total Variation and Sparse Coding Based on Case Based Reasoning Approach. Journal of Engineering and Applied Sciences. Vol. 12(25) Sl. 7010-7013. 2017. {Indexed: SCOPUS}, ISSN: 1816-949X, DOI: 10.3923/jeasci.2017.7010.7013</p> <p>17) Anes.A.Shaker, Farida Ridzuan and Sakinah Ali Pitchay. Text Steganography using Extensions Kashida based on the Moon and Sun Letters Concept. International Journal of Advanced Comouter Science and Applications (IJACSA). Vol. 8(8), pp. 286-290, 2017. ISSN: 21565570, {Indexed: SCOPUS}.</p> <p>18) Basir, Nurlida; Nabila, N. F; Zaizi, Nurzi Juana Mohd; Saudi, Madihah M; Ridzuan, Farida Hazwani Mohd; Pitchay, Sakinah Ali. Intelligent Quranic Ontology Retrieval. Journal of Computational and Theoretical Nanoscience. Advance Science Letters (ASL). Vol. 23(5). pp. 4449-4453(5), May 2017. American Scientific Publishers. ISSN: 19366612, {Indexed: SCOPUS}</p> <p>2016</p> <p>19) Samer Mahmoud Shorman and Sakinah Ali Pitchay, A Review of Rain Streaks Detection and Removal Techniques for Outdoor Single Image, ARPN Journal of Engineering and Applied Sciences, Vol. 11, No. 10, pp. 6303 - 6308, May 2016.ISSN: 1819-6608, {Indexed: SCOPUS}</p> <p>20) Intan Nurfarahin Ahmad, Farida Ridzuan, Madihah Mohd Saudi and Sakinah Ali Pitchay. Indexing Android Mobile Malware,Journal of Engineering and Applied Sciences, Vol. 11(3),pp. 369-374, 2016. ISSN: 1816-949X, {Indexed: SCOPUS}</p> <p>21) Muhammad Afifi Mohamad Safee, Madihah Mohd Saudi, Sakinah Ali Pitchay and Farida Ridzuan. A Systematic Review Analysis for Quran Verses Retrieval. Journal of Engineering and Applied Sciences, Vol. 11(3), pp. 629-634, 2016. ISSN: 1818-7803 {Indexed: SCOPUS}</p> <p>2015</p> <p>22) Arwa Al Khatatneh and Sakinah Ali Pitchay. Compound Binarization for Degraded Document Images, ARPN Journal of Engineering and Applied Sciences, Vol. 10(12), pp. 594-599, 2015. ISSN: 18196608, {Indexed: SCOPUS}</p> <p>23) Samer Shorman and Sakinah Ali Pitchay, Significance of Parameters in Genetic Algorithm, the Strengths, Its Limitations, and Challenges in Image Recovery. ARPN Journal of Engineering and Applied Sciences, Vol. 10(2), pp. 585-593, 2015. ISSN: 18196608, {Indexed: SCOPUS}</p> <p>2012</p> <p>24) Ata Kaban and S.A Pitchay. Single-frame Image Recovery using a Pearson type VII MRF. 2012, Journal of <i>Neurocomputing</i>, 80: pp. 111-119, Publisher: Elsevier, ISSN: 0925-2312. {Indeed: SCOPUS} (invited and referred extension of MLSP'2010 paper, 14 in print for the special issue out of 78 papers.)</p> <p>2011</p> <p>25) Sakinah Ali Pitchay. Single Frame Image Recovery for Super Resolution with Parameter Estimation of Pearson, 2011, <i>IAENG International Journal of Computer Science</i>, vol: 38(1), pp. 57 – 65, Publisher: IAENG, ISSN: 1819-9224. {Indexed: SCOPUS, EI Compendex, DOAJ}, (Invited journal)</p>
	<p>Proceedings</p> <p>Updated January 2023 (Total ISI/Scopus/ERA = 21) (Total Non-ISI/Scopus = 21)</p>	<p>2023</p> <p>1) Sakinah Ali Pitchay, Azni Haslizan Ab Halim, Najwa Hayaati Mohd Alwi, Farida Ridzuan, Aufa Abdullah. "Secure Cybercitizenship (SET): A Gamification Learning Tool for Cybersecurity Awareness", APS Proceedings Vol. 6, pp. 106-115, July 2023, eISBN: 978-629-97536-4-3</p> <p>2022</p> <p>2) Sakinah Ali Pitchay, Anis Syahira Suhaimi, Najwa Hayaati Mohd Alwi, Farida Ridzuan & Azni Haslizan Ab Halim. Cyberpoly: Cybersecurity Edugame, International University Carnival on E-Learning (IUCEL) Proceedings 2022, pp. 106-110. {Selected Proceeding}</p> <p>3) Sakinah Ali Pitchay, Muhamad Badrul Amin Bin Mohd Tarmizi, Muhammad Syahmi</p>

Imran Bin Mohamad, Aufa Abdullah & Auni Halili Zamburi. FinEd: Financial Literacy Through Edutainment, International University Carnival on E-Learning (IUCEL) Proceedings 2022. Pp. 693-698. **{Selected Proceeding}**.

2019

- 4) Syafiqah Shamsuddin and **Sakinah Ali Pitchay**. Implementing Location-Based Cryptography On Mobile Application Design To Secure Data In Cloud Storage. Int. Con. on Recent Advancements in Science and Technology (ICORAST), Oct 2019.

2018

- 5) Syafiqah Shamsuddin and **Sakinah Ali Pitchay**. Location-based Cryptographic Techniques: Its Protocols and Parameters. In 6th Int. Conf. on Robotics and Machine Learning Intelligence: Building Blocks for Industry 4.0 (RITA'2108), Dec 2018. {Indexed: **SCOPUS**}
- 6) Boraq Ammourah and **Sakinah Ali Pitchay**. Challenges of Applying Scrum Model and Knowledge Management for Software Product Management. In 6th Int. Conf. on Robotics and Machine Learning Intelligence: Building Blocks for Industry 4.0 (RITA'2108), Dec 2018. {Will be published in **Springer's Lecture Notes in Mechanical Engineering (LNME)**.}
- 7) Aslina Baharum, **Sakinah Ali Pitchay**, Rozita Ismail, Emelia Abdul Rahim, Suhaida Halmy, A.Bhanupriya Naidu A/P Anathan. Discovering Austim Child Potential Using Autism Parenting Application. ISERD – 337th International Conference on Education and E-Learning (ICEEL), 2018. **{Oral presenter}** {Indexed: **SCOPUS**}
- 8) Nur Syafiqah Mohd Shamsuddin and **Sakinah Ali Pitchay**. Location-based Cryptographic Techniques for Data Protection. Postgraduate Seminar Faculty of Science and Technology 2018 (KoSiST'18). Will be published in Malaysian Journal of Science, Health and Technology (MJoSHT).
- 9) A.A Boraq and **Sakinah Ali Pitchay**. Conceptual Framework of Dynamic Scrum model and Knowledge Management for Software Product Management. Postgraduate Seminar Faculty of Science and Technology 2018 (KoSiST'18). Will be published in Malaysian Journal of Science, Health and Technology (MJoSHT).
- 10) Nur Syafiqah Mohd Shamsuddin and **Sakinah Ali Pitchay**. Data Protection in Cloud Storage Using Location-based Cryptography. 1st Int. Postgraduate Conference (IPGC) 2018. {Will be published online proceeding with ISBN number}
- 11) A.A Boraq and **Sakinah Ali Pitchay**. Investigate the Success Factors that Impact Scrum Model Along With Knowledge Capturing of Software Product Management. 1st Int. Postgraduate Conference (IPGC) 2018. {Online proceeding with ISBN number}

2017

- 12) **Sakinah Ali Pitchay**, Wail Alhiagem, Farida Ridzuan and Sundresan Perumal. Mobile Application Design for Protecting the Data in Cloud Using Enhanced Technique of Encryption. International Conference on Information Systems & Security (ICOISS) 2017. **{Oral presenter}** {Indexed: **SCOPUS**}
- 13) Nurlida Basir, Nur Fatin Nabila, Nurzi Juana Mohd Zaizi, Madiah Mohd Saudi, Farida Mohd Ridzuan and **Sakinah Ali Pitchay**. Retrieval Performance For USIM's Quranic Search Engine. International Conference on Information Systems & Security (ICOISS) 2017. {Indexed: **SCOPUS**}
- 14) Sundresan Perumal, Ganthan Narayana Samy, Bharanidharan Shanmugam, Pritheega Magalingam, **Sakinah Ali Pitchay** and Sameer Hasan Albakri. Transformative Cyber Governance Security Model for Malaysian Government Agencies. International Conference on Information Systems & Security (ICOISS) 2017. {Indexed: **SCOPUS**}
- 15) **Sakinah Ali Pitchay**, Nur Nabihah Mohd Suhaimi, Madiah Mohd Saudi, Farida Ridzuan and Nurlida Basir. An Investigation on Jawi CAPTCHA Based Security for Login Authentication and Authorization: Is it an Alternative Solution? International Conference on Internet and Multimedia Technologies 2017. In The World Congress on Engineering and Computer Science (WCECS 2017). ISSN: 2078-0958, **{SCOPUS}** **{Oral presenter}**
- 16) Madiah Mohd Saudi, Luqman Hakim Zahari, Farida Ridzuan, Nurlida Basir, **Sakinah Ali Pitchay**, N.F. Nabila. A New Mobile Malware Classification for Camera Exploitation based on System Call and Permission. International Conference on Communications Systems and Technologies (ICCST) 2017. In The World Congress on Engineering and Computer Science (WCECS 2017). **{SCOPUS}**

	<p>17) Intan Nurfarahin Ahmad, Farida Ridzuan, Madihah Mohd Saudi, Sakinah Ali Pitchay, Nurlida Basir and N. F. Nabila. Android Mobile Malware Classification using Tokenization Approach based on System Call Sequence. International Conference on Communications Systems and Technologies (ICCST) 2017. In The World Congress on Engineering and Computer Science (WCECS 2017). {SCOPUS}</p> <p>18) Sakinah Ali Pitchay. A Survey on Information Communication Technology (ICT) course in USIM from Student's Perspective. USIM 3rd e-Learning Colloquium. 10 Aug 2017. {Invited, Oral presenter}</p> <p>19) Sakinah Ali Pitchay and Izzaty Anuar. e-Mentor: Mobile Application for Tracking Student's Performance. USIM 3rd e-Learning Colloquium. 10 Aug 2017. {Invited, Oral presenter}</p> <p>20) Arwa AL-Khatatneh, Sakinah Ali Pitchay and Musab Al-qudah. An Arabic Baseline Estimation Method Based on Feature Points Extraction. Lecture Notes in Engineering and Computer Science: Proceedings of The World Congress on Engineering (WCECS) 2017, London, U.K., pp. 485-489, 5-7 July 2017. ISBN: 978-988-14047-4-9, {Oral presenter} {SCOPUS}</p> <p>2016</p> <p>21) Samer Mahmoud Shorman, Sakinah Ali Pitchay and Rosalina Abdul Salam. Rain Streaks Removal Using Total Variation and Sparse Coding Based On Case Based Reasoning Approach. International Conference on Computer Science and Telecommunication Engineering (CTSE), 2016. {SCOPUS}</p> <p>2015</p> <p>22) Sakinah Ali Pitchay, Wail Abdo Ali Alhiagem, Farida Ridzuan and Madihah Mohd Saudi. A Proposed System Concept on Enhancing the Encryption and Decryption Method for Cloud Computing, UKSim-AMSS 17th International Conference On Modelling And Simulation (UKSim), Cambridge, pp. 201-205, IEEE, Indexed: SCOPUS, 2015. {Oral presenter}</p> <p>23) Arwa Al-Khatatneh, Sakinah Ali Pitchay and Musab Al-qudah. A Review of Skew Detection Techniques for Document. Proc. 17th UKSim-AMSS International Conference on Modelling and Simulation (UKSim), Cambridge, pp. 316-321, IEEE, Indexed: SCOPUS, 2015. {Oral presenter}</p> <p>24) M. M. Saudi, N. Basir, N. F. Nabila, F. Ridzuan and S. A. Pitchay. An Efficient Easy Computer Emergency Response Team Malware Reservoir System (eZCERT). Proc. 17th UKSim-AMSS International Conference on Modelling and Simulation (UKSim), Cambridge, pp. 142-146. IEEE, Indexed: SCOPUS, 2015.</p> <p>25) N. F. Nabila, N. Basir, M. M. Saudi, S. A. Pitchay, F. Ridzuan, A.Mamat and Mustafa Mat Deris. "Using Probability Theory to Identify the Unsure Value of an Incomplete Sentence. Proc. 17th UKSim-AMSS International Conference on Modelling and Simulation (UKSim), Cambridge, pp. 497-501. IEEE, Indexed: SCOPUS, 2015.</p> <p>26) Madihah Mohd Saudi, Farida Ridzuan, Nurlida Basir, N. F. Nabila, Sakinah Ali Pitchay and Intan Nurfarahin Ahmad. Android Mobile Malware Surveillance Exploitation via Call Logs: Proof of Concept. Proc.17th UKSim-AMSS International Conference on Modelling and Simulation. pp. 176-181. IEEE, Indexed: SCOPUS, 2015.</p> <p>27) M.S.M Afifi, M.M Saudi and S.A. Pitchay. A Systematic Analysis for Knowledge Representation for Quran Verses, Postgraduate Colloquium FST (KoSiST 2015)</p> <p>28) A.M Al-Khatatneh and S.A. Pitchay and M.K. Qudah. Arabic Segmentation Methods for Document Images, Postgraduate Colloquium FST (KoSiST 2015)</p> <p>29) A.A Boraq and S.A. Pitchay. A Review on Research Methodologies in Software Engineering Management, Postgraduate Colloquium FST (KoSiST 2015)</p> <p>30) S.M Shorman and S.A. Pitchay. Removal Rain Streaks of Single Image Suing Mixed Filters to Decompose the Color Images into RGB, Postgraduate Colloquium FST (KoSiST 2015)</p> <p>31) Sakinah Ali Pitchay and Farida Ridzuan. E-Learning Tools Using Goals For Network And Management Information System Course And Its Challenges In USIM. The First E-Learning Colloquium of USIM, Jan 2015. {Oral presenter}</p> <p>32) Farida Ridzuan and Sakinah Ali Pitchay. A comparison study on the effect of e-learning tools towards students' comprehension for Principles of Computer Network Course in</p>
--	--

		<p>USIM. The First E-Learning Colloquium of USIM, Jan 2015.</p> <p>2014</p> <p>33) Arwa Mahmoud AL-Khatatneh, Sakinah Ali Pitchay and Musab Kasim Al-qudah. Advancement In Information Technology International Conference (ADVCIT), 2014. {Oral presenter}</p> <p>34) Samer M. Shorman and Sakinah Ali Pitchay. Significance of Parameters In Genetic Algorithm, The Strengths, Its Limitations and Challenges In Image Recovery, Advancement In Information Technology International Conference (ADVCIT), 2014. {Oral presenter}</p> <p>35) Samer Mahmoud Shorman and Sakinah Ali Pitchay. Comparison Image Restoration Methods between Wiener filter and Richardson Lucy using SSIM. In. Proc. Postgraduate Colloquium of Faculty of Science and Technology, USIM. pp. 79 – 82. Oct 2014. {Best Presentation Award}</p> <p>36) A.M. Al-Khatatneh, S.A Pitchay and M.K. Alqudah. An Evaluation Review of Binarization Techniques for Degraded Document Images. In Proc. Postgraduate Colloquium of Faculty of Science and Technology, USIM. pp. 83 – 86. Oct 2014</p> <p>37) A.A Boraq and S.A. Pitchay. Towards Dynamic Scrum Model and Knowledge Support in Software Product Management. In. Proc. Postgraduate Colloquium of Faculty of Science and Technology, USIM. pp. 69 – 71. Oct 2014</p> <p>38) I.M. Khalifa and S.A. Pitchay. Examining the Influence of Critical Success Factors (CSFs) in the Implementation of Enterprise Resource Planning (ERP) in SMEs. In. Proc. Postgraduate Colloquium of Faculty of Science and Technology, USIM. pp. 122 – 124. Oct 2014</p> <p>2013</p> <p>39) Sakinah Ali Pitchay and A Kab'an. Estimation of The Regularisation Parameter in Huber-MRF for Image Resolution Enhancement. Springer Proceedings of 14th International Conference on Intelligent Data Engineering and Automated Learning, IDEAL 2013, LNCS8206, pp. 294 – 301, {Publisher: Springer}, 2013. {Oral presenter} {Indexed: SCOPUS}</p> <p>40) Hanifah Abd Hamid, Waidah Ismail, Sakinah Ali Pitchay, Najwa Hayaati Mohd Alwi, Mazlynda Md Yusuf, Yumn Suhaylah Yusoff, Proposed Character Recognition Application for People with Hearing and Visually Impaired, i-NOVA 2013, USIM</p> <p>41) S. Ali-Pitchay and A Kab'an. Single-frame Signal Recovery Using a Similarity-Prior. 2013, <i>Springer Proceedings in Mathematics & Statistics</i> 30, Mathematical Methodologies in Pattern Recognition and Machine Learning, vol. 30, pp. 83-98, {Publisher: Springer}, (invited extension of ICPRAM'2012 selected contribution). {Oral presenter} {SCOPUS}</p> <p>2012</p> <p>42) S.A Pitchay and A Kab'an. Multi-task Signal Recovery by Higher Level Hyperparameter Sharing, 2012, Proc. 21st of International Conference on Pattern Recognition (ICPR'2012), pp. 2246-2249, {Publisher: IEEE Signal Processing Society, Elsevier. Indexed: SCOPUS}. {Oral presenter}</p> <p>43) S. Ali-Pitchay and A Kab'an. Single-frame Signal Recovery Using a Similarity-Prior Based on Pearson type VII MRF, 2012. In <i>Proceedings of the 1st International Conference on Pattern Recognition Applications and Methods</i>, ICPRAM'2012, pp. 123-133, {Publisher: Sci-TePress, Indexed: ISI Thomson Reuters, EI Compendex, Inspec, dblp.uni-trier.de (Computer Science Bibliography)} {Oral presenter}</p> <p>2010</p> <p>44) A Kab'an and S.A Pitchay. Single-frame Image Superresolution using a Pearson type VII MRF. 2010, Proc. IEEE International Workshop on Machine Learning for Signal Processing, MLSP, pp. 29-34, August 29 - September 1, 2010, Kittila, Finland. {SCOPUS}</p>
	<p>Chapter in Books/Lecture Notes</p> <p>Updated January 2023 (Total ISI/Scopus/ERA = 5)</p>	<p>2022</p> <p>1. Azni Zain Ahmed, Sakinah Ali Pitchay, Kamarul Aryffin Baharuddin, Asma Lailee Mohd Noor & Siti Sara Ibrahim. ALIVE, Agile Leadership in the Covid-19 Era. "Leadership and Decision Making in Uncertain Times: Focus on Higher Education", pp. 91-114, 2022, ISBN: 978-967-363-866-6, Publisher: UiTM Press.</p> <p>2019</p>

		<ol style="list-style-type: none"> 2. Sakinah Ali Pitchay, Sharina Ali Pitchay & Nur Syafiqah Mohd Shamsuddin. The Integration of Naqli and Aqli in Information Security and Assurance from The Islamic and Technological Perspectives. Chapter 1 ADAB: Digital Citizen, Security Awareness and Misuse of Social Media. ISBN 978-967-440-593-9, 2019, Publisher: USIM Press 3. Sakinah Ali Pitchay. The Integration of Naqli and Aqli in Information Security and Assurance from The Islamic and Technological Perspectives. Chapter 8 A Review on Pokemon Go: Security Threats from an Islamic Perspective and Information Security. ISBN 978-967-440-593-9, 2019, Publisher: USIM Press. 4. Syafiqah Shamsuddin and Sakinah Ali Pitchay. Location-based Cryptographic Techniques: Its Protocols and Parameters. In 6th Int. Conf. on Robotics and Machine Learning Intelligence: Building Blocks for Industry 4.0, RITA'2108, Springer's Lecture Notes in Mechanical Engineering (LNME), pp. 75-86. ISBN: 978-981-13-8322-9, {SCOPUS} 5. Boraq Ahmad Abed Ammourah and Sakinah Ali Pitchay. Challenges of Applying Scrum Model and Knowledge Management for Software Product Management. In 6th Int. Conf. on Robotics and Machine Learning Intelligence: Building Blocks for Industry 4.0, RITA'2108, Springer's Lecture Notes in Mechanical Engineering (LNME), pp. 123-130. ISBN: 978-981-13-8322-9, {SCOPUS} 6. Aslina Baharum, Suhaida Halamy, Nurul Hidayah Mat Zain, Sakinah Ali Pitchay and Nur Ainna Ramli. Innovation for Sustainable Growth (Series 1), DeMuse: Music Mood Application, Growing Creative and Innovative Solutions, 2018, Publisher: MNF <p>2017</p> <ol style="list-style-type: none"> 7. Sakinah Ali Pitchay, A Survey on Information Communication Technology (ICT) course in USIM from Student's Perspective, Buku Kompilasi Artikel Kolokium E-Pembelajaran Universiti Sains Islam Malaysia, 2017. 8. Sakinah Ali Pitchay and Izzaty Anuar, e-Mentor: Mobile Application for Tracking Student's Performance, Buku Kompilasi Artikel Kolokium E-Pembelajaran Universiti Sains Islam Malaysia, 2017. <p>2016</p> <ol style="list-style-type: none"> 9. Sakinah Ali Pitchay and Muhamad Fadhil Ahmad Zaki. Growing Creative and Innovative Solutions Series 2. Chapter 35: i-ARMS: Secured Web-Based for Integrated Academic and Research Management System, pp. 157-161,, InICC 2/2016. ISBN: 978-967-13637-3-7, MNF Publisher. <p>2013</p> <ol style="list-style-type: none"> 10. Sakinah Ali Pitchay. Single-Frame Signal Recovery Using a Similarity-Prior. Mathematical Methodologies in Pattern Recognition and Machine Learning. pp. 83-98, 2013. {Publisher: Springer Science+Business Media New York, Indexed: SCOPUS} <p>2011</p> <ol style="list-style-type: none"> 11. Sakinah Ali Pitchay. Non-linear Image Recovery from a Single Frame Super Resolution Using Pearson Type VII Density. <i>Intelligent Automation and Systems Engineering</i>, pp. 295-307, Lecture Notes in Electrical Engineering 103, 2011. {Publisher: Springer, Indexed: SCOPUS} (invited publication on Lecture Notes) <p>2010</p> <ol style="list-style-type: none"> 12. Sakinah Ali Pitchay and Ata Kaban. Non-linear Image Recovery from a Single Frame Super Resolution Using Pearson Type VII Density. <i>International Conference on Machine Learning and Data Analysis, Lecture Notes in Engineering and Computer Science in World Congress on Engineering and Computer Science (WCECS 2010)</i> pp 426 – 431, 2010. {Publisher: IAENG, Indexed: SCOPUS}
	Books/Modules	<ol style="list-style-type: none"> 1. Sakinah Ali Pitchay, Applied Science & Technology in Information Security & Assurance, Financial Mathematics & Actuarial Science & Risk Management. "Mobile Application for Attendance System Using Barcode (MOBAS)". ISBN 978-967-440-890-9. USIM Press. {Editor & Author}, 2021. 2. Sakinah Ali Pitchay, Farida Hazwani Mohd Ridzuan, Nur Hafiza Zakaria, Textbook USIM Tamhidi Centre - Computing II. Penerbit USIM Press. ISBN: 978-967-440-982-1. {Editor & Author}, 2021 3. Sakinah Ali Pitchay, The Integration of Naqli and Aqli in Information Security and

		<p>Assurance in Islamic and Technological Perspectives. ISBN 978-967-440-593-9, USIM Press. Editor, 2019.</p> <p>4. Sakinah Ali Pitchay, Penambahbaik Modul bagi Research Methodology (Bahasa Inggeris), GOAL-Centre, USIM 2014</p> <p>5. Sakinah Ali Pitchay, Azreena Abu Bakar, Hanifah Abdul Hamid and Azni Haslizan Ab Halim. <i>Information and Communication Technology Lab Manual</i>, Centre for General Studies USIM, contributed 8 from 10 chapters, 2009, ISBN: 9673490090, 9789673490097. {Publisher: Pearson}</p>
	Bulletin	<p>1) Sakinah Ali Pitchay. C-Learning vs E-Learning. GOALShare Bulletin. Vol. 1, pp. 3, Jan 2015. eISSN 2289-8727 {http://issuu.com/goalcentresim/docs/full_goalshare_jan_2015-1}</p> <p>2) Sakinah Ali Pitchay. Challenges in Teaching ICT Subject in USIM. GOALShare Bulletin. Vol. 4, pp. 3, April 2015. eISSN 2289-8727 {http://issuu.com/goalcentresim/docs/full_goalshare_april_2015}</p> <p>3) Sakinah Ali Pitchay. Free Android and iOS: Must-Have Applications. GOALShare Bulletin. Vol. 5, pp. 4, Issue May 2015. eISSN 2289-827 {http://issuu.com/goalcentresim/docs/full_goalshare_mai_2015}</p> <p>4) Sakinah Ali Pitchay. Tips to Create an Effective e-Learning Strategy Using GOALS. GOALShare Bulletin. Vol. 6, pp. 4, June 2015. eISSN 2289-827 {https://issuu.com/goalcentresim/docs/full_goalshare_jun_2015b}</p>
	Copyrights	<p>1) Secure Cybercitizenship (SET), Filing No.: LY2023W00970, Filling Date: 13 March 2023 (Leader)</p> <p>2) SWINDLERT, Filing No.: LY2023W00971. Filling Date: 13 March 2023 (Leader)</p> <p>3) SAKTI-Chatbox, Filing No: LY2023W00969, Filling Date: 13 March 2023</p> <p>4) CYBERPOLY, CRLY2022W01109, Filling No: LY2022W01109, Filling Date: 17/3/2022 (Leader)</p> <p>5) Jawi Captcha (JaCAPT) Based Security System for Login Authentication. Filling No: LY2018003092, Filling Date: 27/07/2018, (Leader)</p> <p>6) Q-Checked. CRLY00007808, Filling No: LY2017001537, Filling Date: 08/05/2017</p> <p>7) EZCERT 2.0 Filling No: LY2015002036, Filling Date: 02/12/2015</p>
11	Research	
	Principal (Total of RM 90, 500) (4 completed) Updated Jan 2024	<u>Completed</u> <ol style="list-style-type: none"> Game-Based Learning Tool for Cybersecurity Awareness with Naqli and Aqli Integration, PPPI/BM/FST/USIM/13723, 1/8/2022 – 31/7/2023. Grant: Biduni Mizanniyah. A new algorithm for adaptation rules using case-based reasoning (CBR) technique. 15/12/2014 – 1/06/2017. Amount: RM39,000 Grant: Dana Pembudayaan Penyelidikan (RAGS), USIM/RAGS/FST/36/50914. Investigation on Reconstruction of Binary Image Using Genetic Algorithm. 09/04/2014 – 08/04/2015. Amount: RM1,000. Grant: Geran Penyelidikan Insentif USIM. A New Algorithm of Geo-Encryption Based on Location for Cloud Storage. 15/08/2017 – 15/08/2020. Amount: RM50,500.00. Grant: Geran Penyelidikan Fundamental (FRGS), USIM/FRGS/FST/055002/50217.
	Principal & Member (Total of RM 1, 047 828.00) (3 on-going) (10 completed) Updated May 2024	<u>Ongoing</u> <ol style="list-style-type: none"> CYBER HASANAT: Secure Cybercitizenship Awareness, Geran Sumbangan Suruhanjaya Kebangsaan UNESCO Malaysia (GSS), Feb – Aug 2024. Amount: RM8203.00 (Principal) Enhancing Disaster Preparedness and Resilience Through A Mobile Edutainment Based on User-Centered Approach, PPPI/PENTADBIR/FST/USIM/19723. Nov 2023 – Nov 2025, Amount: RM 20,000.00 (Principal) A Novel Framework of Surveillance and Quarantine Monitoring During Pandemic based using Geo-fencing Techniques. Fundamental Research Grant Scheme (FRGS). Oct 2023 – Oct 2025, Amount: RM 123,800.0 (Member)

		<p>4. Balanced Cover Audio Suggestion for Audio Steganography Algorithm Based on NSGA-II Segmentation and Chaotic Map. Nov 2020-2023. Fundamental Research Grant Scheme (FRGS). Amount: RM 99,425.00 (Member)</p> <p>Completed</p> <p>5. A Study on Malaysian Digital Signature (DS) Market Demand and Feasibility of Certification Authority (CA) Interoperability, RM10,000.00, (1/6/2023 – 30/11/2023), Grant: Malaysian Communications and Multimedia Commission (MCMC), USIM/MCMC/FST/LUAR-K/42623.</p> <p>6. A New Integrated Postgraduate Student Systems Development. PPP/KHAS_PPS/FST/30/15215. 25/08/2015 – 25/12/2016. Amount: RM250,00.00, Grant: Geran Penyelidikan Khas</p> <p>7. A New Algorithm for Indexing Big Data Using Case Based. USIM/RAGS/FST/36/50814 Duration: 01/12/2014-30/11/2016 Amount: RM35,000, Dana Pembudayaan Penyelidikan (RAGS), USIM/RAGS/FST/36/50814.</p> <p>8. A study of ICT Literacy Among First Year Students of USIM, 01/02/2008 - 31/12/2012. Grant: PPPP/PPU-01-20108</p> <p>9. An Investigation on Factors Contributing to Knowledge Sharing In USIM, 01/02/2008 - 31/12/2012, Grant: PPPP/PPU-01-10108.</p> <p>10. Evolutionary Multi-Objective Optimization for Cover Audio Selection in Audio Steganography. 15/08/2017 – 15/08/2019. Amount: RM62,000. Grant: Geran Penyelidikan Fundamental (FRGS).</p> <p>11. Intelligent Spam Detection Model Based on Immunological Memory of Adaptive Immune System. Duration: 01/08/2016-01/08/2019 Amount: RM69,000, Geran Penyelidikan Fundamental (FRGS).</p> <p>12. An Intelligent Self-Destruct Smartphone Algorithm Using Apoptosis for Root Exploitation. Duration: 01/07/2014 - 01/01/2018 Amount: RM100,400, Grant: Geran Penyelidikan Fundamental (FRGS)</p> <p>13. Penggalan Petunjuk Ilmu Aqli Dalam Quran. Duration: 1/07/2014-1/07/2016 Amount: RM270,000. Geran Penyelidikan Kompetitif (USIM-C)</p>
12	Conference / Workshop / Talk	
	Invited Speaker	<p>2024</p> <p>1. Invited Speaker, "Seminar Pembangunan Diri dan Kompetensi Kerjaya Pelajar JKMP, FKAB, Universiti Kebangsaan Malaysia</p> <p>2. Invited Speaker, Mock Presentation Workshop - Preparation for PIITRAM 2024, 9 Feb 2024</p> <p>3. Invited Speaker, Program Career Series: Resume, 28 April 2024, FSU, USIM.</p> <p>4. Virtual Session Speaker, 7th International Conference on Multi-Disciplinary Research Studies & Education (ICMDRSE), "Education and Technology Trends Session", 25 May 2024.</p> <p>2023</p> <p>5. Invited Speaker, Tech Tactics in Education: Data and IT Security in the New Now conference, Orlando, Florida (F2F), 7-9 Nov 2023, Building Cybersecurity Competencies in Higher Education via Gamification: From Theory to Innovative Solutions</p> <p>6. Invited Speaker, Webinar On Next-Gen Solutions: Innovations in Cybersecurity Awareness, 11 Aug 2023</p> <p>7. Invited Speaker, 24 Hours IEEE Day 2023 Celebration, Online Zoom, 3 Oct 2023</p> <p>8. Invited Speaker, Exploring The IT Industry: Coffee Talk Session at Agmo Studio, 19 July 2023, Higher Education Malaysian Association (HEYA)</p> <p>9. Invited Speaker, How Diversity Makes Team More Innovative, SCITEX, Dec 2023, USIM</p> <p>10. Invited Speaker, Tips & Strategies: Innovation Talk - The Secret to Great Opportunities, 8 Sept 2023, USIM</p> <p>11. Invited Speaker, Career Talk: Beginning to Adulthood, 13 Jan 2023, MS Teams, Faculty of Economics & Muamalat, USIM</p> <p>12. Invited Speaker, Resume Tips & LinkedIn Profile (F2F), 31 March 2023, USIM</p> <p>13. Invited Speaker & Jury Hackaton Competition (Aturkreatif'23), 4 June 2023.</p>

	<p>14. Invited Speaker, Career Workshop: Teknik Penulisan Resume (F2F), 15 Okt 2023, Pusat Alumni & Kerjaya USIM</p> <p>15. Invited Speaker, Seminar "Level Up your LinkedIn: Strategies for Success", 24 Nov 2023, Olek Godang @ USIM, Pesta Konvokesyen kali ke-21 {700 participants}</p> <p><u>2022</u></p> <p>16. Invited Speaker, Seminar Akademik Empowering Youth In Academic Performance, 25 Dec 2022. UIAM Gombak.</p> <p>17. Invited Speaker, Bengkel Linked From Zero to Hero, 9 Dec 2022, Zoom, Bahagian Hal Ehwal Pelajar, MPP USIM & PERSADA. {450 participants, 700+ registered users}</p> <p>18. Invited Speaker, 'Oh Senang Je! (OSJ) : Bengkel Linked In', Google Meet, 6 Aug 2022. Persatuan Belia Harmoni Malaysia (HARMONI) Nilai, Negeri Sembilan.</p> <p>19. Invited Speaker & Jury Hackathon Competition (Aturkreatif), 21 May 2022.</p> <p>20. Invited Speaker, LinkedIn Workshop, Zoom, 2 April 2022. Sekretariat Quran dengan Multimedia, USIM.</p> <p>21. Invited Speaker, LinkedIn Workshop, MS Teams, 21 May 2022, Pusat Islam, USIM</p> <p>22. Invited Speaker, LinkedIn Workshop, Google Meet, 4 June 2022. Sekretariat Rakan Siswa Yadim USIM 21/22.</p> <p><u>2021</u></p> <p>23. The 11th International Conference on Green Technology, Zoom Online Conference, 26 Oct 2021, Universitas Islam Negeri Maulana Malik Ibrahim, Malang, Indonesia – Invited Speaker</p> <p>24. Speaker, Graduate Employability (GE) Seminar USIM 2021</p> <p>25. Speaker, Seminar Hari Kerjaya Fakulti Sains & Teknologi, MS Teams, 21 Sept 2021.</p> <p>26. Speaker, CareerFaST & Graduate Employability Workshop: Future Self Brand via LinkedIn & CV Development, MS Teams, 27 June 2021.</p> <p><u>2018</u></p> <p><u>52013</u></p> <p>27. Wacana Siswazah Fakulti Sains dan Teknologi (FST), USIM, Malaysia, 8 November 2013. "Getting Started with LaTeX - Pembentang Wacana.</p>
International	<p><u>2024</u></p> <p>1. The International Conference on Emerging Technologies and Sustainability 2024 (ICETS), Universitas Pamulang (UNPAM), Kota Tangerang Selatan, Indonesia, 31 Aug & 1 Sept 2024 – Oral Presenter</p> <p><u>2020</u></p> <p>2. The 9th International Conference on Computer Science & Computational Mathematics (ICCSM 2020), Organized: Science and Knowledge Research Society, 9-10 July 2020 – Presenter</p> <p>3. 7th International Cryptology and Information Security Conference 2020 (CRYPTOLOGY2020), 9 - 10 June 2020, Web Conferencing, Organizer : UPM, CyberSecurity Malaysia, Malaysian Society for Cryptology Research – Participant</p> <p>4. Asia AI Virtual Summit (AIVS) 2020, 11 June 2020 – Participant</p> <p>5. World UX Online Conference, 10 June 2020 – Participant</p> <p><u>2019</u></p> <p>6. International University Carnival on E-Learning (IUCEL) 2019, UNIMAS – Oral Presenter (Sponsored)</p> <p><u>2018</u></p> <p>7. ISERD 337th International Conference on Education and E-Learning (ICEEL), 2018, Seoul, South Korea, 18-19 March 2018 – Oral Presenter</p> <p><u>2017</u></p> <p>8. International Conference on Internet and Multimedia Technologies 2017 (ICIMT'17), San Francisco, USA, 25-27 October 2017 – Oral Presenter - Dana Geran Penyelidikan</p> <p><u>2016</u></p> <p>9. International Conference on Signal Processing and Imaging Engineering 2016, WCECS,</p>

	<p>San Francisco, USA, 19-21 October 2016 – Oral Presenter – Dana Geran Penyelidikan</p> <p><u>2015</u></p> <p>10. 17th International Conference on Computer Modelling and Simulation 2015 (UKSim'15) Cambridge, UK, 25-27 March 2015 - Oral Presenter – Dana Geran Penyelidikan</p> <p><u>2014</u></p> <p>11. Advancement In Information Technology International Conference 2014 (ADVCIT'14) Bandung, Indonesia, 16-18 De 2014 - Oral Presenter – Dana Geran Penyelidikan</p> <p><u>2013</u></p> <p>12. The In. Conf. on Intelligent Data Engineering & Automated Learning, (IDEAL'2013), Hefei, China, 20-23 Oct 2013 - Oral Presenter – Dana Geran Persidangan USIM</p> <p><u>2012</u></p> <p>13. The 21st International Conference on Pattern Recognition (ICPR 2012) Tsukuba, Japan, 11-15 November 2012 - Oral Presenter – Dana Geran Pelajar Siswazah School of Computer Science, University of Birmingham, UK</p> <p>14. 1st International Conference on Pattern Recognition Applications and Methods (ICPRAM'12), Vilamoura, Portugal, 6-8 February 2012 - Oral Presenter – Dana Geran Pelajar Siswazah School of Computer Science, University of Birmingham, UK</p>
Local	<p><u>2018</u></p> <p>15. 2nd Advanced Research in Engineering & Information Technology (AVAREIT'18) Kuala Lumpur, Malaysia 22-23 January 2018 - Keynote Speaker / Pembentang Jemputan Ucaptama – Sponsored by Malaysia Technical Scientist Association (MALTESAS)</p> <p>16. 6th Int. Conf. on Robotics and Machine Learning Intelligence: Building Blocks for Industry 4.0 (RITA'2108), 16-18 Dec 2018.</p> <p><u>2017</u></p> <p>17. International Conference on Information Systems & Security (ICoISS 2017) Melaka, Malaysia, 7-8 November 2017 - Oral Presenter – Dana Geran Penyelidikan</p> <p>18. International University Carnival on e-Learning (IUCEL 2017) Negeri Sembilan, Malaysia, 26-27 September 2017 - - Oral Presenter – Dana Geran Penyelidikan</p> <p>19. USIM 3rd e-Learning Colloquium 2017, Negeri Sembilan, Malaysia, 10 August 2017 - Pembentang Lisan</p> <p><u>2016</u></p> <p>20. International Conference on Computer Science, (COMCSECT 2016) Kuala Lumpur, Malaysia, 23-24 January 2016 - - Oral Presenter</p> <p>21. International Conference on Computer Science and Telecommunication Engineering, Selangor, Malaysia, 19-20 November 2016 - Oral Presenter – Dana Geran Siswazah</p> <p>22. International Invention and Innovative Competition (InIIC Series 2/2106) - Oral Presenter</p> <p><u>2015</u></p> <p>23. International Conference on Telecommunication, Electronic and Computer Engineering Melaka, Malaysia, 16-17 November 2015 - Pembentang Lisan – Dana Geran Penyelidikan</p> <p>24. Postgraduate Colloquium FST (KoSIST 2015), Negeri Sembilan, Malaysia, 13 October 2015 - Pembentang Lisan – Dana Geran Siswazah</p> <p>25. Kolokium e-Pembelajaran USIM Kali Pertama, Negeri Sembilan, Malaysia, 21 January 2015 – Pembentang Lisan – Tanpa Biaya</p> <p><u>2014</u></p>

		26. Advancement in Information Technology International Conference (ADVCIT), Selangor, Malaysia, 16-18 December 2014 - Pembentang Lisan – Dana Geran Penyelidikan
13	Consultation & Expert Contribution	
	Consultation	<p>2023</p> <p>1. KPT-Pace Grant, Empowering Graduates with Power BI (Business Intelligence), RM300,000.00, USIM. (Leader)</p> <p>2022-2023</p> <p>1. KPT-Pace Grant, EC-Council Certified Network Defender (CND), RM150,000.00, USIM. (Leader)</p> <p>2. Intervention Grant (Geran Intervensi) Application Evaluation Panel USIM 2022.</p> <p>2021</p> <p>3. Intellectual Property (Harta Intelek) Registration Application Evaluation Panel, USIM</p> <p>4. KPT-Pace Grant, Pensijilan Profesional Global Ace Penetration Tester Cybersecurity Malaysia, RM90,000.00, USIM.</p> <p>2019</p> <p>5. Perunding & Enumerator Pembangunan Kerja-kerja Pengaturcaraan Sistem bagi pihak Kiplepay Sdn Bhd, 1 Sept 2019 – 31 Mac 2020, USIM/KIPLEPAY/ALJAZARI/FST/80119 – KIPLE FRAUD MANAGEMENT SYSTEM, (lead by Dr Sundresan Perumal (FST)), Ongoing, RM500,000.</p> <p>2019</p> <p>6. Penggubal (Creator) Module Introduction to IR 4.0. {By invitation, Level: National, RM215}.</p> <p>7. Instructor & Facilitator, The Incredible Ways with IR 4.0 and AI Through Programming – The Beginning, 4 – 8 Nov 2019, Organized by Ministry of Higher Education (MOHE) Malaysia and USIM {By invitation, Level: National, RM7630.00}.</p> <p>8. Pentaksir (Vetter) Soalan Sains Komputer I Program Matrikulasi (PSPM). Kementerian Pendidikan Malaysia (KPM), 12-15 Feb 2018. {By invitation, Level: National, RM400}</p> <p>2018</p> <p>9. Penggubal (Creator) Soalan Peperiksaan Akhir Sains Komputer Semester I SCS015, Program Matrikulasi (PSPM). Kementerian Pendidikan Malaysia (KPM), 2018. {By invitation, Level: National, RM250}.</p> <p>10. Pentaksir (Vetter) Soalan Peperiksaan Akhir Sains Komputer SCS025 (Bahasa Pengaturcaraan) Program Matrikulasi (PSPM). Kementerian Pendidikan Malaysia (KPM), 12-15 Feb 2018. {By invitation, Level: National, RM400}</p> <p>2017</p> <p>11. Perundingan "A Joint User Requirements Gathering and Interface Design of iPPS System", Ikhtisas Venture, 1 August 2015 – 31 January 2017.</p> <p>12. Consultant. System Development. 2016–2017. Indkom Engineering. Pembantu Perunding, Membangunkan kerja-kerja pengaturcaraan Sistem 'Material Resource Planning (MRP)', Indkom Engineering Sdn Bhd. (2016-2017). {Level: National}</p> <p>13. Pemeriksa Skrip Jawapan Sains Komputer (SC025) Sem II 2016/2017 Program Matrikulasi (PSPM), Kementerian Pendidikan Malaysia (KPM), 2017. 12 - 17 Mei 2017. {By invitation, Level: National, RM600}</p> <p>2016</p> <p>14. Pemeriksa Skrip Jawapan (Answer Script Checker) Sains Komputer (SC015) Program Matrikulasi (PSPM) Sem I 2016/2017. Kementerian Pendidikan Malaysia (KPM), 24 - 29 Nov 2016. {By invitation, Level: National, RM650}</p> <p>15. Pentaksir (Vetter) Sains Komputer DC015 Program Matrikulasi (PSPM). Kementerian Pendidikan Malaysia (KPM), 26 - 28 Julai 2016. {By invitation, Level: National, RM300}</p> <p>2015</p> <p>16. Penggubal (Creator) Kertas Soalan Sains Komputer (SC015) Sem I Program Matrikulasi</p>

	<p>(PSPM), Kementerian Pendidikan Malaysia (KPM), 29 Okt 2015 - 25 Jan 2016. Dwi Bahasa – Inggeris dan Bahasa Melayu serta skema jawapan. {By invitation, Level: National, RM250}</p> <p>17. Penggubal (Creator) Kertas Soalan Sains Komputer (DC015) Sem I Program Matrikulasi (PSPM). Kementerian Pendidikan Malaysia (KPM), 29 Okt 2015 - 25 Jan 2016. Dwi Bahasa – Inggeris dan Bahasa Melayu serta skema jawapan. {By invitation, Level: National, RM250}</p> <p>18. Penggubal (Creator) Kertas Soalan Sains Komputer (DC025) Sem II Program Matrikulasi (PSPM). Kementerian Pendidikan Malaysia (KPM), 29 Okt 2015 - 25 Jan 2016. Dwi Bahasa – Inggeris dan Bahasa Melayu serta skema jawapan. {By invitation, Level: National, RM250}</p> <p>19. Pemeriksa Skrip Jawapan Sains Komputer (SC015) Program Matrikulasi (PSPM). Kementerian Pendidikan Malaysia (KPM), Sem 1, Sesi 2015/2016. 11-16 Nov 2015. {By invitation, Level: National, RM786}</p> <p>20. Pemeriksa Skrip Jawapan Sains Komputer (SC025) Program Matrikulasi Kementerian Pendidikan Malaysia (KPM), Sesi 2014/2015. 29 Apr - 4 Mei 2015. {By invitation, Level: National, RM720}</p> <p>21. Pentaksir (Vetter) Soalan Sains Komputer DC015 Program Matrikulasi (PSPM). Kementerian Pendidikan Malaysia (KPM), 31 Mac - 3 Apr 2015. {By invitation, Level: National, RM400}</p> <p>22. Pentaksir (Vetter) Soalan Sains Komputer SC015 Program Matrikulasi (PSPM). Kementerian Pendidikan Malaysia (KPM), 24 - 27 Feb 2015. {By invitation, Level: National, RM400}</p> <p>2014</p> <p>23. Penggubal (Creator) Kertas Soalan Sains Komputer (SC015) Program Matrikulasi. Kementerian Pendidikan Malaysia (KPM), Sesi 2015/2016. 29 Oct 2014 - 20 Jan 2015. Dwi Bahasa – Inggeris dan Bahasa Melayu serta skema jawapan. {By invitation, Level: National, RM250}</p> <p>24. Penggubal (Creator) Kertas Soalan Sains Komputer (DC015) Program Matrikulasi. Kementerian Pendidikan Malaysia (KPM), Sesi 2015/2016. 29 Oct 2014 - 20 Jan 2015. {By invitation, Level: National, RM250}</p> <p>25. Pemeriksa Skrip Jawapan Sains Komputer (SC015) Program Matrikulasi KPM Sesi 2014/2015, 14 - 19 Nov 2014. {By invitation, Level: National, RM600}</p> <p>26. Pemeriksa Skrip Jawapan Sains Komputer SC025, Program Matrikulasi KPM. 30 Apr - 5 Mei 2014. {By invitation, Level: National, RM600}</p> <p>27. Penggubal Tambah Baik, Modul Kursus Analisis Data dan Metodologi Penyelidikan, Universiti Sains Islam Malaysia, 4-29 Ogos 2014. Dalam Bahasa Inggeris. {By invitation, Level: University, RM300}</p> <p>2013</p> <p>28. Pemeriksa Skrip Jawapan Sains Komputer SC015, Program Matrikulasi KPM. 9-14 Nov 2013. {By invitation, Level: National, RM618}</p>
Reviewer	<p><u>Programme</u></p> <p>1. External Reviewer Programme (Penilai Luar Program) “Deemed Accredited”. Bachelor of Information Technology (Hons) Information System Engineering. Universiti Teknologi MARA (UiTM). Januari 2018. {By invitation, Level: National, RM600}</p> <p>2. External Reviewer Programme (Penilai Luar Program) “Deemed Accredited”. Bachelor of Science (Hons) Netcentric Computing. Universiti Teknologi MARA (UiTM). Januari 2018. {By invitation, Level: National, RM600}</p> <p><u>Journal</u></p> <p>1. 2023: Journal of Communication and Media Technologies</p> <p>2. 2023: International Journal of Medical Informatics</p> <p>3. 2023: International Journal of Computational Vision and Robotics</p> <p>4. 2017 – 2024 : IEEE Access</p> <p>5. 2017: Journal of Telecommunication, Electronic and Computer Engineering (JTEC)</p>

		<p><u>Proceeding/Colloquium</u></p> <ol style="list-style-type: none"> 2nd International Conference on Innovations in Computer Science & Software Engineering (ICONICS'18), 2018 The IEEE 6th International Conference on Future Internet of Things and Cloud (FiCloud 2018) 1st International Halal Management Conference (IHMC), 2017 5th International Conference on Internet Applications, Protocols & Services, (NETAPPS) 2017 International Conference Software Engineering and Computer Systems (ICSECS) 2017 6th International Conference on Computing and Informatics (ICOCI'17), 2017. 1st International Conference on Innovations in Computer Science & Software Engineering (ICONICS'16), 2016 10th IEEE International Conference on Open Source Systems and Technologies (ICOSST-2016), 2016. Postgraduate Colloquium Faculty of Science & Technology (KoSIST'15) 2015
	Editor	<ol style="list-style-type: none"> 2021 - Textbook: Computing II for foundation students of Tamhidi Physical Science & Technology, USIM Press. 2020 - Manuscript Undergraduate Research in Applied Science and Technology 2018: Information Security & Assurance, Actural Science & Risk Management and Financial Mathematics 2019 - Module The Incredible Ways with IR 4.0 and AI Through Programming – The Beginning, Introduction to IR 4.0. 2019 - Manuscript The Integration of Naqli and Aqli in Information Security & Assurance from the Islamic and Technological Perspective, USIM Press. 2017 - Guest Editor International Conference on Computer Security and Assurance (ICOISS) dalam International Conference on Recent Advancements in Science and Technology (ICoRAST).
	<p>Examiner</p> <p>(2 External PhD - International)</p> <p>(2 External Master)</p> <p>(4 Internal PhD)</p> <p>(1 Internal Master)</p>	<ol style="list-style-type: none"> External examiner: Md Aman Ullah, 2024, "Enhancing Pollen Classification Through Deep Learning: A CNN-Based Approach for Automated Pollen Identification", Master thesis, Universiti Malaysia Terengganu. External examiner: Muhammad Imran, 2022, "A concept centric approach for Aspect Based Sentiment Analysis using Deep Learning & Knowledgebase", PhD thesis, NED University of Engineering & Technology, Pakistan. External examiner: Murtadha Arif Bin Sahbudin, 2020, "Audio Recognition Techniques: Signal Processing Approaches with Secure Cloud Storage", PhD thesis, Università degli Studi di Messina, Italy. Internal examiner: Ahmad Farid Bin Mohd Jamal (3160236), 2020, "Relationship Model for Learners Engagement Based on Components of Learning Style, Learning Strategies and Learning Materials, Sarjana, USIM. External examiner: Lau King Lieng (MI1611005T), 2018, "Shopping Mobile Web App User Interface Design Based on Eye-Tracking Analysis", Sarjana, Universiti Malaysia Sabah (UMS). Internal examiner: Abdulhafid Bughari Abdulkarim (4110117), 2018, "Cloud Computing Adoption Model for Malaysian Small and Medium Enterprises (SMEs)", PhD, USIM. Internal examiner: Ahmad Mah'd Khalil Alajarmeh (4120289), 2017, "Real-time Image and Video Dehazing Based on Atmospheric Light Scattering Model and Bounded Transmission", PhD, USIM. Internal examiner: Yaseen Dawod Jassim (4110188), 2017, "Images restoration using intensity enhancement and global atmospheric light estimation methods for outdoor images", PhD, USIM. Internal examiner: Omar Ibrahim Massoud Hammza (4110152), 2016, "Quranic Multimedia Memory Model (QM3) For Memorization of the Holy Quran" PhD, USIM.
	Grant Evaluator	<ol style="list-style-type: none"> Fundamental Research Grant Scheme (FRGS), KPM, 2021-2024. Grant Reviewer USIM {Internal}, 2021-2023. Panel Penilai Permohonan Geran Pembangunan Inovasi USIM 2020. Final Report Grant Evaluator 2020-1: A New and Robust Biomimicry Technique for Indoor and Underground/Underwater Navigation Inspired by the Macrotermes Gilvus

		<p>Ferromagnetic Properties. (Fundamental Research Grant Scheme (FRGS), KPM.</p> <p>5. Final Report Grant Evaluator 2020-1: New Collision Avoidance Algorithm via Artificial Potential Field for Autonomous Distributed Multi-UAV Formation. (Fundamental Research Grant Scheme (FRGS), KPM.</p> <p>6. Final Report Grant Evaluator 2020-1:A formulation of a new symmetric block cipher inspired by DNA cryptography mechanism for randomness in encryption of electronic data. (Fundamental Research Grant Scheme (FRGS), KPM.</p>
	Invited Interview Panel	<p>1. Panel Penemuduga Pensyarah Baharu, 2020</p> <p>2. Panel Penilai Pengajaran & Pembelajaran Pensyarah, 2019</p> <p>3. Panel Penemubual Biasiswa MyBrain 2018</p>
	PhD Internship Supervisor	<p>1. Murtadha Arif Bin Sahbudin, 2020, Università degli Studi di Messina, Italy, Secure Storage Framework in Multi-Cloud Service, 1 Jan - 30 Sept 2021</p>
	Coach / Mentor / Training Instructor	<p>1. Mentor, 11th International Programming Contest, NAPROCK 2020, Special Prize</p> <p>2. Coach Alibaba GET Global Challenge, 2020</p> <p>3. The Incredible Ways with IR 4.0 and AI Through Programming – Instructor and Coordinator, Sponsor: KPM, 2019</p> <p>4. Graduate Employability Programme – Digital Distributed Economy Worker Skills 2019 – Instructor, Sponsor: KPM</p> <p>5. Mentor Innovation Competition TADHACK : (2 Groups), 14 Oct 2018 – Winner Innovation Category.</p> <p>6. Coach Programming Competition ACM UIAM : (3 Groups), 2018</p> <p>7. Coach Borneo Security Challenge : (1 group), UMS & MCMC, 2017</p> <p>8. Coach fSecure Competition : (3 groups), 2017</p> <p>9. Coach Programming Competition, The Code, UTEM Melaka, (4 groups), 2016, 2nd Place</p>
14	Others	
	Contribution to Administration	<p><u>Administration</u></p> <p>1. Reappointment: Deputy Dean (Student Affairs & Alumni), Faculty of Science and Technology USIM, 1 Jan 2023 – 31 Dec 2024.</p> <p>2. 2023 – 2025: Deputy Vice President (Alumni UMT Committee Member – Computer Science Programme).</p> <p>3. Deputy Dean (Student Affairs & Alumni), Faculty of Science and Technology USIM, 1 Jan 2021 – 31 Dec 2022.</p> <p>4. Menjalankan Tugas Dekan Fakulti Sains & Teknologi, 17, 23 & 24 Aug 2021, Nov 2022, 2023.</p> <p>5. Lantikan Semula Ketua Program (Head of Programme) Sarjana Muda Sains Komputer (Keselamatan dan Jaminan Maklumat), USIM, Okt 2019 – Dis 2020.</p> <p>6. Lantikan Semula Ketua Program (Head of Programme) Sarjana Muda Sains Komputer (Keselamatan dan Jaminan Maklumat), USIM, Okt 2017 – Okt 2019.</p> <p>7. Ketua Program (Head of Programme) Sarjana Muda Sains Komputer (Keselamatan dan Jaminan Maklumat), USIM, Okt 2015 – Okt 2017</p> <p>8. Penyelaras (Coordinator) Program Sarjana Sains Komputer (Keselamatan dan Jaminan Maklumat) Mod Campuran, Jan 2015 – Jan 2019.</p> <p>9. Memangku tugas Ketua Program (Head of Programme) Keselamatan dan Jaminan Maklumat, 25 – 28 Ogos 2015</p> <p>10. Memangku tugas Ketua Program (Head of Programme) Keselamatan dan Jaminan Maklumat, 22 Januari - 2 Februari 2015</p> <p><u>Contribution - Other Activities</u></p> <p><u>2023</u></p> <p>11. Timbalan Naib Presiden, Jawatankuasa Penaja Chapter Alumni Akademik (Sains Komputer), Universiti Malaysia Terengganu, 2023 - 2025.</p> <p><u>2022</u></p> <p>12. Ketua AJK Publisiti Majlis Syarahan Perdana Profesor, Dis 2022, Fakulti Sains dan Teknologi, USIM.</p> <p><u>2021</u></p>

13. **Jury** Hackhaton Competition (Aturkreatif), 4 July 2021.
14. **Guest Speaker** Hackhaton Workshop, 29 May 2021.
15. **Moderator** AlumFaST Siri 2.0: Tips Pengurusan Masa Perspektif Mahasiswa, MS Teams, 26 March 2021.
16. **Advisor** - Sekretariat Pelajar Fakulti Sains & Teknologi (SekreFaST) Academic Session 2020/2021 & 2021/2022.
17. ISAC **Advisor** Academic Session 2020/2021.
18. **Advisor** ICT Click 2021

2020

19. ISAC Advisor Academic Session 2020/2021
20. Tutelage - Mentor 18 pelajar program Sains Komputer (Keselamatan & Jaminan Maklumat), sesi akademik A201, A211.
21. Chairman Online Viva Voce: Master candidate (3140326), FPSK USIM.
22. Chairman Online Viva Voce: PhD candidate (4150131), FST USIM.

2019

23. Pembina Rangka Kursus baharu - Computing I & II di Pusat Tamhidi, USIM
24. Academic Advisor for Undergraduate Information Security & Assurance Batch 13 & 14, 2019 – till date
25. Penceramah dan Petugas Karnival Pendidikan Kerjaya Program Matrikulasi Kementerian Pendidikan Malaysia 2019, Kolej Matrikulasi Selangor.
26. Petugas Karnival Pendidikan Kerjaya Program Matrikulasi Kementerian Pendidikan Malaysia 2019, Kolej Matrikulasi Johor
27. Advisor: Program "ICT Click" 2019, USIM

2018

28. Penceramah Modul e-Portfolio Dalam Program Jom Kerja Jelajah Fakulti dan Pra-Alumni Sesi Akademik 2018/2109
29. Penyelia Penilaian Praktikum Peserta Kursus Asas Pembelajaran dan Pengajaran (Berteraskan Integrasi Ilmu Naqli dan Aqli) USIM
30. Petugas Karnival Pendidikan Kerjaya Program Matrikulasi Kementerian Pendidikan Malaysia 2018, Kolej Matrikulasi Selangor
31. Mentor Pertandingan TADHACK 2018 (Telecom Application Development Hack), 13 & 14 Oct 2018, UniKL. **Champion Innovation RM1,500 bagi Local Tadhack Prize dan Global Tadhack Evaluation Nominee** bagi produk "TEL-MED" (Tele-Portable Medicine) bersama 5 pelajar tahun 2 program ISA
32. Panel Temu Duga Penajaan Biasiswa Kementerian Pendidikan Tinggi peringkat Sarjanda dan Doktor Falsafah, 2018
33. Penilai Permohonan Geran Penyelidikan Peringkat Fakulti, USIM
34. Mentor Pertandingan PLUS Hackathon (Top 20)
35. Mentor Pertandingan VR MCMC Hackathon
36. Wakil Universiti Bagi Lawatan Kerja Antarabangsa ke Uzbekistan
37. Pengerusi Jawatankuasa Penilaian Teknikal Sebutharga USIM
38. Ahli Jawatankuasa Teknikal Garis Panduan e-Pembelajaran USIM
39. Coach USIM ACM-ICPC Malaysia Al-Khawarizmi National Programming Contest 2018
40. Penasihat Program "ICT Click" 2018, USIM
41. Penasihat Bit n Byte 8.0 Program Keselamatan & Jaminan Maklumat
42. Wakil Fakulti Viva Voce PhD – 4120261
43. Wakil Fakulti Viva Voce PhD – 4120074
44. Pengerusi Pembentangan Penyelidikan Pelajar Pascasiswazah FST
45. Penyelia Latihan Industri Pelajar FST 2018 (1140382, 1140380, 1140438, 1140417)
46. Ketua Pengawas Peperiksaan Sem II Sesi 2017/2018 (SKJ3443) - Nyahpusat
47. Ketua Pengawas Peperiksaan Sem II Sesi 2017/2018 (SKJ2083 & SKJ4642)
48. Coach F-Secure Inter-Varsity Cyber Security Competition 2018

2017

49. Jury: International Intellectual Exposition (MIIEx'17), UITM 2017
50. Technical Committee Member of the 6th International Conference on Computing and Informatics (ICOCI) 2017
51. Warden Keselamatan Wing A (Pentadbiran) Aras 5 Pasukan Kecemasan FST Feb 2017 -

	<p>Jan 2018</p> <p>52. Coach dan Pensyarah Pengiring Pertandingan Borneo Cyber Security Challenge, SKMM dan UMS, 2017</p> <p>53. Coach Pertandingan Tadhack 2017</p> <p>54. FST Mentor Program Menggapai Bintang 2017</p> <p>55. Penasihat Program "ICT Click" Program Sains Komputer FST 2017</p> <p>56. Ahli Jawatankuasa Semakan Semula Kursus Teknologi Maklumat dan Komunikasi (ICT) USIM, 2017</p> <p>57. Wakil FST Karnival Pendidikan Tinggi Negara (KPTN) 2017</p> <p>58. Wakil Fakulti Viva Voce PhD - 4130018</p> <p>59. Wakil Fakulti Viva Voce PhD – 4110119</p> <p>60. Wakil Fakulti Viva Voce PhD – 4120093</p> <p>61. Ketua Pengawas Peperiksaan Sem II Sesi 2016/2017 (SKJ4642)</p> <p>62. Penyelia Latihan Industri Pelajar FST 2017 (1130399, 1130417, 1130408, 1130430, 1130406, 1130441, 1130420, 1132355, 1130422, 1130439, 1130407, 1130445)</p> <p>63. Pengiring Pelajar Keselamatan dan Jaminan Maklumat bagi Network Security Industry Talk #1 Mei 2017</p> <p>64. Pengiring Pelajar Keselamatan dan Jaminan Maklumat bagi Network Security Industry Talk #2 September 2017</p> <p>65. Penyelaras Penyediaan Dokumen COPPA bagi Akreditasi MQA program Sarjana Muda Sains Komputer (Keselamatan dan Jaminan Maklumat)</p> <p>66. Penyelaras Penyediaan Dokumen Baharu Program Pengajian 4+1 Sarjana Muda Sains Komputer (Sains Data) dan Sarjana Sains Komputer (Sains Data) FST 2017</p> <p>67. Jawatankuasa Penyediaan Dokumen Baharu Program Pengajian Sarjana Muda Sains Teknologi Maklumat (Multimedia Kreatif Gunaan) FST 2017</p> <p><u>2016</u></p> <p>68. Juri Pertandingan Rekacipta dan Inovasi Islam (i-REKA'16) 2016</p> <p>69. Timbalan Pengarah Jawatankuasa Induk Ekspo Inovasi Islam 2016 (i-Inova'16)</p> <p>70. Penasihat Seminar Keselamatan dan Jaminan Maklumat (ISAS) 2016</p> <p>71. Penasihat Majlis Perasmian Seminar Kebangsaan Sains Islam FST 2016</p> <p>72. Coach USIM ACM-ICPC Malaysia Al-Khawarizmi National Programming Contest 2016</p> <p>73. Advisor: Handshake ISA 2016</p> <p>74. Advisor: Program ICT Click 2016</p> <p>75. Felo Penyelidik Bersekutu Institut Sains Islam (ISI) USIM 2016 – 2017</p> <p>76. Panel Penilai Pembentangan Penyelidikan Pelajar Pascasiswazah FST USIM 2016</p> <p>77. Wakil Fakulti Viva Voce PhD – 4110109</p> <p>78. Pengiring Pelajar Keselamatan dan Jaminan Maklumat bagi Network Security Industry Talk #2 Mei 2016</p> <p>79. Pengiring The Code 2016 – Pertandingan Pengaturcaraan FTMK, UTEM</p> <p>80. Penasihat Information Security Awareness Seminar (ISAS) 2016 dan Jawatankuasa Majlis Seminar-Seminar Program FST</p> <p>81. Penasihat Bit n Byte 6.0 Program Keselamatan dan Jaminan Maklumat 2016</p> <p>82. Program e-Rezeki, FST, MDEC dan DotMe Sdn Bhd, 2016</p> <p><u>2015</u></p> <p>83. Moderator Kolokium E-Pembelajaran Kali Pertama USIM, 2015</p> <p>84. Juri Seminar dan Pameran Produk Kreatif (SPARK) 2015</p> <p>85. Ahli Jawatankuasa Semakan Semula Kurikulum dan Auditor Dalaman FST, 2015</p> <p>86. Pasukan Pengendalian Insiden Computer Emergency Response Team (CERT) USIM 2015 kerjasama MAMPU</p> <p>87. Wakil Fakulti Viva Voce PhD – 4110119, 2015</p> <p>88. Penilai Pembentangan Penyelidikan Pelajar Pascasiswazah FST, 2015</p> <p>89. Penyelia Latihan Industri Pelajar FST 2015 (1112332, 1110012, 1110784)</p> <p>90. Jawatankuasa Penyediaan Dokumen Baharu Program Pengajian BCompSc - Embedded System Technology FST 2015</p> <p><u>2014</u></p> <p>91. Timbalan Pengarah Jawatankuasa Induk Pertandingan Rekacipta dan Inovasi Islam USIM (i-REKA'14)</p>
--	---

	<p>92. Juri Pertandingan Rekapipta dan Inovasi Islam USIM (i-REKA'14)</p> <p>93. Ahli Jawatankuasa Pelaksana Ekspo Inovasi Islam 2014 (i-Inova'14) – JK Ketua Penyertaan</p> <p>94. Juri Postgraduate Colloquium FST 2014</p> <p>95. Auditor Dalam Gerak Kerja ISMS USIM, 2014 - 2016</p> <p>96. Pengiring Program Tautan Kasih Bersamamu Pertubuhan Anak Yatim dan Miskin Sungai Pinang, Klang, Oktober 2014</p> <p>97. Pengiring Program Kembara Siswa Perdana (Kemsis Perdana'14), 21 - 23 Februari 2014</p> <p>98. Juri Battle of Naseyedian FPQS, April 2014</p> <p>99. Penyunting Penambahbaik Modul Research Methodology (Bahasa Inggeris), 2014</p> <p>100. Penyalia Latihan Industri 2014 – (1100047) dan (1100706)</p> <p>101. Ketua Pengawas Peperiksaan Semester II Sesi 2013/2014</p> <p>102. Panel Penilai Pembentangan Penyelidikan Pelajar Pascasiswazah Fakulti Sains dan Teknologi, Januari 2014</p> <p>103. Panel Penilai Pembentangan Penyelidikan Laporan Kemajuan Sarjana Sains Komputer (Keselamatan dan Jaminan Maklumat) Fakulti Sains dan Teknologi, April 2014</p> <p>Panel Penilai Pembentangan Penyelidikan Pelajar Pascasiswazah Fakulti Sains dan Teknologi, Jun 2014</p> <p>2013</p> <p>104. Ahli Jawatankuasa Penyertaan Ekspo Inovasi Islam 2013 (i-Inova'13)</p> <p>105. Ahli Jawatankuasa Majlis Sambutan 10 Tahun FST 2013</p> <p>106. Penilai Pembentangan Penyelidikan Pelajar Pascasiswazah Fakulti Sains dan Teknologi, Disember 2013</p> <p>107. Panel Penilai Pembentangan Penyelidikan Pelajar Pascasiswazah Fakulti Sains dan Teknologi, Oktober 2013</p> <p>108. AJK Protokol Majlis Sambutan 10 Tahun FST, 2013</p>
Contribution to Community	<ol style="list-style-type: none"> Invited Speaker, Program Talk Session - Innovation Competition, Graduate Student Society FST (GSS-FST), 20 Sept 2024. {Invited} Advisor Global Islamic Student Outreach Taipei, Taiwan: Ilhm and Ihsan in Formosa: Seeking Knowledge and Excellence, 18 - 24 Aug 2024. Advisor: Jaulah Sukarelawan Siswa Madani 2024: Jejak Kasih Rembau Siri 2.0: Komuniti Desa, Kampung Ulu Chembong, Rembau, 10 Aug 2024. Advisor: Jaulah Sukarelawan Siswa Madani 2024: Jejak Kasih Rembau Siri 1.0: Komuniti Emas, Pusat Jagaan Rumah Sejahtera Rembau, 18 May 2024. Advisor of Global Islamic Student Outreach (GISO): Discovering The Insights of Culture: Tadabbur Alam Di Bumi Vietnam, Ho Chi Minh, 2024. Penasihat libatsama masyarakat Cyber Hasanat: Memerangi Taktik Kejuruteraan Sosial, 15 Mei 2024 di Sekolah Menengah Agama Persekutuan (SMAP) Labu Negeri Sembilan. Penasihat libatsama masyarakat Cyber Hasanat: Lindungi Identiti Memacu Transformasi Digital, 22 Mei 2024 di Sekolah Menengah Kebangsaan Agama Sheikh Hj Mohd Said (SHAMS). Jaulah Sukarelawan USIM 2024: Semarak Siswa Madani (Chapter Negeri Sembilan) serta Perasmian Klinik dan Makmal Pergigian Bergerak, di Kampung Pachitan, Port Dickson, Negeri Sembilan. Volunteer, Teen Cyber Hasanat, 9 Dec 2023, Persatuan Penduduk Taman Dahlia, Sepang. Geran Komuniti RM5000. {Invited} Penasihat Jaulah Sukarelawan USIM 2023 (Semarak Siswa Madani): Daerah Rembau, 22 Okt 2023 di Kampung Pilin, Rembau, Negeri Sembilan Penasihat Quran Hour dengan kerjasama Majlis Perwakilan Pelajar (MPP), Sekretariat Pusat Islam (SPI), Rumah Ngaji Negeri Sembilan (RNNS), Wanita Perkim Seremban (WPS) & Malaysia Women Coalition Al-Quds Palestine (MWCQP), 18 Jan 2024 di Kompleks Islam Tuanku Muhriz, USIM Teen Cyber Hasanat bersama komuniti Taman Dahlia, Sepang – Program kesedaran keselamatan siber melalui papan permainan Secure Cybercitizenship (SET). Jemputan dari Persatuan Penduduk Taman Dahlia (PPTD), Sepang. Geran Komuniti. Advisor: FunRun 2023 (5 km) in conjunction with 20th Faculty of Science & Technology, Universiti Sains Islam Malaysia. Advisor: Jaulah Sukarelawan USIM 2023 (Semarak Siswa Madani): Daerah Rembau, 22

	<p>Okt 2023 di Kampung Pilin, Rembau, Negeri Sembilan.</p> <p>15. Fast Volunteer: Wira Bumi di Tasik Ujana, 15 Jan 2023</p> <p>16. Advisor: Libatsama masyarakat Cyber Hasanat pada 14 Jun 2023 di Dewan Orang Ramai Taman Tasik Jaya dan Sekolah Kebangsaan Taman Tasik Jaya, Seremban.</p> <p>17. Advisor: Libatsama masyarakat Cyber Hasanat pada 8 Jun 2023 di Sekolah Agama Menengah Bandar Baru Salak Tinggi (SAMBBST).</p> <p>18. Advisor Online Talk: <i>Surviving Oppression in Palestine</i>, 12 Dis 2023 Dengan Kerjasama Rumah Ngaji Negeri Sembilan (RNNS) dan Wanita Perkim Seremban (WPS), Negeri Sembilan.</p> <p>19. Invited Speaker, Webinar on Next-Gen Solutions: Innovations in Cybersecurity Awareness, QUVAE Research & Publications, Zoom Meeting, 11 Aug 2023. {Invited}</p> <p>20. Invited Speaker, Coffee Talk Session on Exploring the IT Industry, July 2023 (F2F), Higher Education Malaysian Association (HEYA). {Invited}</p> <p>21. Volunteer Online Tutor (English), Sentuhan Ilmu BOLD Programme Yayasan Petronas, Weekly, Aug 2022 – Dec 2022.</p> <p>22. Volunteer, Pusat Pemberian Vaksin IPT Mega USIM, 28 Jun – 19 Sept 2021.</p> <p>23. Speaker ISAC Talk Series 2.0: Academic Performance vs Soft Skills, MS Teams, 7 March 2021.</p> <p>24. Academic Advisor: Majlis Akademik Persatuan Pengguna Siber Malaysia (MCCA), 2020-2022.</p> <p>25. Trainer "Preparatory Masterclass For University Students", MY Hackaton Zon Kuala Lumpur, Kerjasama MOSTI dan Cradle Fund Sdn Bhd.</p> <p>26. Coordinator NxForce Security Online Training & Exam Certification for Network Fundamental ICASA, Oct – Dec 2020, MDEC.</p> <p>27. Advisor of Global Islamic Student Outreach (GISO) Phnom Penh, Kemboja 2020</p> <p>28. GISO Community Service, Wordpress Workshop, SMK Bandar Baru Sri Sendayan, Seremban, 16 Nov 2019.</p> <p>29. Supervisor, UNIMAKER Competition, UM, Nov 2019</p> <p>30. Volunteer: Pusat Jagaan Kanak-Kanak "Down Syndrome Dan Hyper Active", Pertubuhan Sukarelawan MISI7, Ogos 2018</p> <p>31. Advisor: Global Islamic Student Outreach (GISO) Hatyai & Krabi, Thailand 2018</p> <p>32. Advisor: Global Islamic Student Outreach (GISO) Phnom Penh, Kemboja 2017</p> <p>33. Advisor: Global Islamic Student Outreach (GISO) Seoul, Korea Selatan 2015</p> <p>34. Volunteer: Libatsama Komuniti Program Mahasiswa Cakna Insan Gelandangan, November 2015</p> <p>35. Mewakili Gugusan A bagi Sukan Staf Antara Jabatan 2017 – Larian 200 meter Kategori Wanita – Gangsa (Bronze)</p> <p>36. Mewakili Gugusan A bagi Sukan Staf Antara Jabatan 2016 - Larian 200 meter Kategori Wanita – Johan (Champion)</p> <p>37. FIT USIM Charity Run 2015</p> <p>38. Mewakili Gugusan A Sukan Staf Antara Jabatan 2015 - Bola Jaring – Naib Johan</p> <p>39. Mewakili Gugusan A Sukan Staf Antara Jabatan 2014 - Bola Jaring – Johan (Champion)</p> <p>40. Volunteer Advisor: Zoo Volunteer, Zoo Negara, Oct 2014</p> <p>41. Summit to Eat - Snowdon Challenge Wales, UK, Muslim Hands, United for the Needy, 2011</p>
--	---