







17



KULLIYYAH OF INFORMATION AND COMMUNICATION TECHNOLOGY

awslattar

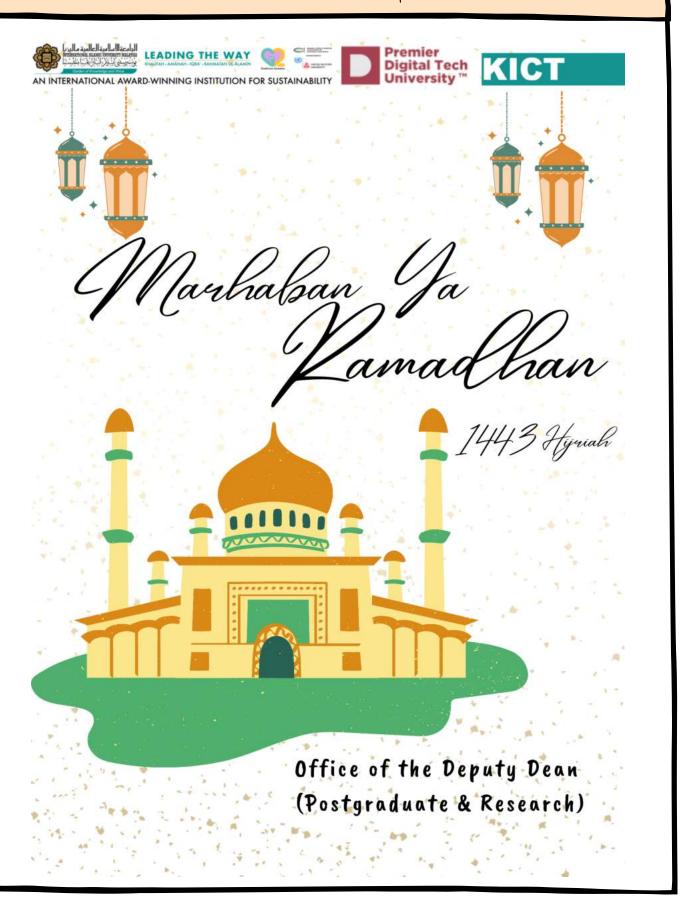
ISSUES NO.4/APRIL 2022

lable of contents

10. Publication

1 M	_
1. Marhaban Ya Ramadhan from DDPGR	1
2.IIUM Flagship Project: Sustainable Social Bank	2
3. Submission of Research Proposal (FRGS)	3
4. Copyrighted Works 2020	4
5. FYP Showcase	5
6. Congratulations on Completion of Research	13
Project	
7. Congratulations on Consultancy Project	14
8. Congratulations to the Speaker	15
9. Kulliyyah Seminar/Talk: Upcoming Events	16

Marhaban Ya Ramadhan from DDP9R



IIUM Flagship Droject: Sustainable Social Bank

Dear YBhg. Tan Sri/Dato'/Prof./Dr./Sir./Madam/Br./Sr.,

Assalāmu ^cAlaikum Warahmatullāhi Wabarakātuh



Congratulations!

IIUM FLAGSHIP

SUSTAINABLE SOCIAL BANK

Assoc. Prof. Dr. Normi Sham Awang Abu Bakar (Project Leader) & Team

PROJECT OF THE YEAR AWARD

Hall of Fame Malaysia

GPM Sustainability Award 2022

11th March 2022

May Allah reward us all for our efforts towards the betterment of the University and the ummah.

Thank you

Office for Strategy and Institutional Change

Submission of Research Droposal (FR95)



LEADING THE WAY









& Congratulations Submission of Research Proposal (FRGS)

Prof. Dr. Mohamad Fauzan Noordin

Prof. Ts. Dr. Mira Kartiwi

Assoc. Prof. Ts. Dr. Amelia Ritahani Ismail

Asst. Prof. Dr. Rawad Abdelkhaleq Abdulmolla Abdulghafor

Asst. Prof. Dr. Adamu Abubakar Ibrahim

Asst. Prof. Dr. Norzaliza Md Nor

Asst. Prof. Dr. Nurhafizah Mahri

Asst. Prof. Dr. Najhan Muhamad Ibrahim

Asst. Prof. Dr. Asmarani Ahmad Puzi

Asst. Prof. Dr. Ahsiah Ismail

Asst. Prof. Dr. Atikah Balqis Basri

Asst. Prof. Dr. Dini Oktarina Dwi Handayani

Asst. Prof Dr. Zainab Senan Mahmod Attar Bashi

We pray for the success of the proposal and securing the FRGS grant

Office of Responsible Research and Innovation

Copyrighted Works 2020



FYD Showcase - Bachelor of Computer Science

The BCS Final year Project's Showcase Highlights Semester 1 2021/2022

By Dr. Rawad Abdelkhaleq Abdulmolla Abdulghafor DCS FYP Coordinator

It gives me great pleasure to highlight the main events of the FYP 1 and FYP 2 Showcase.

Showcase day is an auspicious event. It was a big challenge to organize and execute this event which I coordinated for the first time, especially since the presentation was online.

My first concern was for this showcase event to run smoothly and without any problems or glitches. I wanted to ensure that every aspect was planned in detail, and that our students' work and contribution was perfect and to the highest possible standard.

Indeed, the showcase planning process was completed successfully and without any delays and errors. However, I cannot claim that the success of the Showcase and the absence of any mistake is due to my role as the coordinator; the showcase event was a success because of the help and contribution of all those who participated in this event, whether as examiners or as FYP students. All of them pitched in, did their part, and got the job done. Among them are my colleagues and fellow lecturers in the Department of Computer Science. They took their work very seriously indeed. Also, kudos to our talented and dedicated FYP students who followed and implemented all the directions they were given correctly, without delay and with great cheer.

As the coordinator my effort was blessed with I a great team of examiners and FYP students. Had it not been for their cooperation and their enthusiasm, I would not have succeeded in carrying out this task successfully. MS Teams was used as a tool for FYP Showcase.

We had our premiere FYP 1 on 14th February 2022. Our team consisted of 32 students and 11 examiners who appeared in five separate rooms via MS Teams. The participants entered at the same time at 10.00 o'clock in the morning, without any sign of tire or delay. The first event day went smoothly and was definitely a success, for all involved and all those watching online.

However, I was already quite worried about the showcase of FYP 2 on the second day because it involved 22 examiners and 63 students appearing in eight different rooms via MS Teams. All 85 participants had to enter at the same time at 10 o'clock in the morning on 15th February. During this kind of online live events, many things can happen, and we were ready to deal with them. For example, someone might leave the assigned room by mistake, or someone might be unable to enter it, another one might be late or would not know which room he/she was supposed to be in... All these potential problems and hick-ups were expected, and we were ready to deal with them when they happened. It was a big challenge to facilitate 85 online participants that appeared simultaneously in eight different rooms. And it all went smoothly.

Therefore, I would like to give thanks for the genuine spirit of cooperation and mutual support coming from my colleagues and all my wonderful FYP students: without your support this event would not have been crowned with success and gone so smoothly.

We have great supervisors in the department in different research areas, who executed their assigned duties supervising the event with joy and with pride. We saw their high level of commitment in the outcome of the event where all FYP students presented their work and answered all the examiners' questions. As I moved from room to room, I heard the echoes of their voices presenting their work confidently and with great efficiency.

Our department has the right to be proud of our students, not only in front of the university's other departments but also, and even more so, in front the other universities. We could show ourselves as much as them that we have capable students who can produce competitive projects in the markets and industry.

Finally, I would like to thank all the members of KICT for the beautiful cooperation between them and working as one team.

1. FYD - Molion-U Winners Semester 1, 2021/2022

KICT/MOTION-U INNOVATION COMMERCIALIZATION AWARDS 2022

	AWARDS	PROJECT	PROJECT TEAM	
	BEST IDEA INNOVATION AWARD	KitaApps	Normunawwarah binti Sanaludin Muhammad Aidil Fahmiey bin Osman	
	BEST SOCIAL IMPACT AWARD	I-Jariah Mobile Application	Assmida binti Hassdee	2337
	BEST TECHNOLOGY AWARD	Smart Water Monitoring System for flood detection	Kpoghomou Niankoye Adama	Dr. Rizal Mohd No
Computer Science Departement	PROMISING STARTUP AWARDS	Goodshare: Mobile app for borrowing item (GOLD)	Ba Shammakh Mazen Mohammed Ahmed	Dr. Rizal Mohd No
nputer Scienc Departement		Ensemble Learning for Forecasting Poverty using Classification Methods	Sofian Nadilah	Dr. Raini Hassan
mput Depa		(SILVER)	Muhammad Haziq Adli Bin Zamzuri	Dr. Kaini nassan
S		The Effects of COVID-19 in Global	Hasan Tanveer Mahmood	Dr. Raini Hassan
		Warming Through the Application of Data Science (BRONZE)	Tasnim Rafia	Dr. Kaini Hassan
المالم	GRAND PRIZE (MOTION-U AWARD)		Normunawwarah binti Sanaludin	
		KitaApps	Muhammad Aidil Fahmley bin Osman	

2. FYD-Showcase Winners Servester 1, 2021/2022

		Development Category		
			Projec	
Medal	Supervisor	Student	t ID	Project Title
	Assoc. Prof. Dr.	Anis Zahirah Binti Ahmad Madani		
Gold	Normi Sham Awang Abu Bakar	Wan Nurul Adibah Binti Wan Tarmizi	710D	SASMEC @ IIUM Reporting System
Gold	Dr. Hamwira Yaacob	Muhammad Hazim Bin Mir Munir Muhammad Zulhafizal Bin Misrat	707D	Application of EEG as Authentication on End Devices
Silver	Dr. Rizal Mohd Nor	Queen Fatema Mehrin Liu Yufei	719D	Shariah Contract Evaluation System
Bronze	Dr. Akeem	Nur Iwana binti Ahmad Radzi	701D	Plastic Waste Classifier for
Bronze	Olowolayemo	Nurul Fadhillah binti Ismail	,010	Sustainable Recycling
Bronze	Dr. Hamwira Yaacob	Nur Amira Husna Binti Mohd Badli	709D	MyKalori: Malaysian Food Calorie
Bronze	Di. Halliwila laacob	Nur Maisara Binti Ahmad Rasid	,050	Estimation System
		Ba Shammakh Mazen Mohammed		
Bronze	Dr. Rizal Mohd Nor	Ahmed	720D	Mobile App for Borrowing Items
		Mourshid Suhib Khaled Hassan		
Bronze	Dr. Nurul Liyana	Ahmad Nasali bin Abd Manaf	717D	Docplant: Plant Disease Application
	Zulkufli	Muhammad Syazmi bin Suhaidi		Detection
Bronze	Dr. Norlia Yusof	Ramzi Maresh Ahmed	711D	e-Recruitment using Vector Space
		Conde lancine		Model
Bronze	Dr. Hafizah Mansor	Faeez Zimam bin Feizal	706D	Home Intruder Detection System
		Fadhluddin bin Sahlan		using Machine Learning and IoT
		Amirah binti Masri		Recruitment Management System
Bronze	Dr. Azlin Nordin	Maisyarah binti Bohari	705D	for IIUM Credited Co-Curricular Courses (RMSCCC)
Bronze	Dr. Norlia Yusof	Khamis Menshawi Khamis	713D	Real-Time American Sign Language
Bronze	Di. Norma Tusor	Manaaz Riyas Ahmed	, 150	Recognition System
		Ayza - Adani binti Jaffry		
Bronze	Dr. Hafizah Mansor	Muhammad Nur Firdaus bin Muhamed	725D	I-Ibadah
		Haireen		

Research Category				
Medal	Supervisor	Student	Proje ct ID	Project Title
6.11	Dr. Akeem	Mohammed Raashid Salih Batha	702R	Deep Learning Model to Predict
Gold	Olowolayemo	Mohammed Yasin		Mortality Risk in Patients with Covid 19 using Chest X-Rays
	We done saw	Tasnim Rafia	733R	The Effects of COVID-19 in Global
Silver	Dr. Raini Hassan	Hasan Tanveer Mahmood		Warming Through the Application of Data Science
Bronze	Dr. Akeem Olowolayemo	Abrar Habib Haque	736R	Covid-19 Prediction Using Machine learning
Bronze	Dr. Hafizah Mansor	Nur Fadhilah Ajwa bt Rosdee	727R	In-vehicle network CAN security
DIVIIZE	DI. Halizan Walison	Nur Nadiah bt Ali Azmi	72/N	in-venicie network can security
		Zubair KM	729R	Early detection of emotion for autistic children by using neurophysiological signals
Bronze	Dr. Norzaliza Md Nor	Billah Syed Mashkur		
	De Balai Hassan	Muhammad Haziq Adli Bin Zamzuri	i 734R	Ensemble Learning for Forecasting
Bronze	Dr. Raini Hassan	Sofian Nadilah		Poverty using Classification Methods

3. Dictures of the FYD1 and FYD 2 Showcase Semester 1, 2021/2022.































The BIT Final Year Project's Showcases Highlights Semester 1 2021/2022

By Dr. Ahmad Fatzilah Misman DIS FYP Coordinator

The BIT's Final Year Project (FYP) of semester 1 main event is over. Showcasing INFO4993 and INFO4994 back-to-back in two consecutive days, the BIT's FYP showcase has gone through almost 20 years since the year the Kulliyyah (Faculty) of Information and Communication Technology, IIUM (KICT) started. For this year 2021/2022 semester 1, both events happened on the 14th and the 15th of February respectively. The events showcased the final year student's IT skills in building and presenting application and multimedia software which often have been implicated to prove for independent effort-based learning. It provides a platform needed to prove that the KICT graduands can walk what they talked about the university's BIT program. Unfortunately, since the COVID19 pandemic hit in the year 2020, the event has not been as grand as how it used to be but a scaled down event which remotely organized via teleconferencing on Google meet only.



From the INFO 4993 (FYP 1) showcase, as many as 48 final year students either individually or in pair delivered 33 projects in total. INFO4993 focuses on training their ability on doing and documenting project from research, proposal, feasibility study, model design and finally create prototype with the designed model. The progress achievement would then be demonstrated at the showcase. The number represents two categories whereby 9 projects did multimedia software, and 24 others did application software. Every individual and group hence demonstrated their showcase parallelly within a total of 8 sessions, before a panel of 2 experts who selected among the KICT academia for assessment. The showcase ultimately selected Sadaga Quest for the most potential project of INFO 4993 with the highest score in the rank of the top 7 most potential projects. It was developed by female team developers: Tengku Nur Izzah Atirah Tengku Mahamud and Siti Nur Afiqah Mat Hassan who won the FYP1 showcase. Sadaga Quest demonstrated a designed prototype that envisioned a web application that gathers virtual management place for community from both ends of natural calamities including pandemic diseases. On one hand the affected people while on the other are volunteers, helpers, donators as well as the relevant authorities. This portal is muti-platform friendly, focuses on coordinating the efforts between the affected group with the communities who want to help. For example, they utilize this portal service to advocate, promote their donation and events, and share information on complementary items, goods and also foods supply hence the affected people who in need can connect to. Evidently no one from multimedia category managed to score up to be with most potential list however since none scored beyond the qualifying 70% mark. The worst 3 projects failed to pass based on incompletion. The INFO4993 project chart list shows the winners of the FYP1 Sem 1 2021/22 showcase.

The INFO 4994 (FYP2) showcase staged 49 projects in the final. There were 70 contenders taking part in both team and individual project setup and distributed into 9 projects from multimedia software and 40 from application/system software development categories. Relatively INFO4994 shares the similar objectives with INFO4993 despite the FYP2 steps up the training syllabus from which the FYP1 has demonstrated in its showcase.Literally INFO4994 continues the training through the latter stages of the traditional method for software engineering. FYP2 focuses on completing the feasibility prototype design of FYP1 into completion, performing user assessment test and finally showcase the final product before judges. The judges are selected accordingly with the same procedure as with FYP1 showcase. The supervisor responsibilities are to monitor and to measure the delivery of the project progresses and the quality of the software delivered by their students. Unlike the FYP1 showcase, however, the FYP2 projects are awarded with plated theme awards namely Gold for the best project, Silver for the runner up and Bronze for the third best awards for both categories from multimedia and application/system software. Only projects score beyond 70% score are entitled for the best selection consideration. Therefore, the panel of judges of FYP2 showcase of semester 1 2021,22 had granted the Gold medal award project under application software category to Suara - A platform for voices to be heard by Mohammad Syahmi Alman bin Mohd Syahrin. The showcase demonstrated this project in a web application service that provides a platform for anyone to voice out their concerns and goals that contribute to the betterment of the nation. From the features proposed for the application, it is set to become a significant application by providing a safe and secure environment for everyone, so that they can use it with confidence, in efforts of reaching their objectives and goals. In doing so, the application complements Goal 16 of the Sustainable Development Goals, which is to promote peaceful and inclusive societies for sustainable development. At the same time the judges also announced a verdict namely Recycleology-E Learning Web Application Based on The Knowledge Recycle by a tag teamer Nasir Ami Dilaperuri and Nur Laila Husman binti Muiezam who had won the gold medal award under multimedia project category. The projects tells over E-learning web apps narrative named recycleology which will provide creative, attractive, and interactive contents to educate about recycling, this system also aimed to notify the people to be more aware about the environment by turning the waste to be something useful. the content provided such as how to turn the plastic waste to be something useful, for example, from this the system also can be references for student who learn art class to be their inspiration soon. The INFO4994 project chart list down all the medal winners of the FYP2 Sem 1 2021/22 showcase.

INFO 4994 System Development Project Sem 1 2021/22

Award	Title and D	Supervisor	
Gold	Sua	ra- A Platform For Voices To Be Heard	Prof. Dr.
		by	Mohamad
	1811893	Muhammad Syahmi Aiman Bin Mohd Shahrin	Fauzan
			Noordin
Silver	<i>I-</i>	I-jariah: Sharing With Those In Needs	
		by	Dr. Mohd Izzuddin
	1819114	Assmida Binti Hassdee	Mohd Tamrin
	1819254	Nur Syahmina Binti Kadir	Trong ramin
Bronze	Cici M	lart: Online Retail Application And Retail	Dr. Noor
		Management System	Dr. Noor Hasrul Nizan
		by	Mohammad
	1812129	Muhammad Hammizie Bin Zamri	Noor
	1813785	Muhammad Azri Bin Hasin	
		Mentalada	Dr. Hazwani
		by	Mohd
	1619091	Belal Abdulqawi Mukred Alqadasi	Mohadis
	1624552	Hanan Haidar Abdullah Alatas	IVIGITAGIS

INFO 4994 Multimedia Project Sem 1 2021/22

Award		Title and Developers	Supervisor
Gold	Recycleo	Dr. Suhaila Samsuri	
	1726782 1727070	Nasir Ami Dilaperuri Nur Laila Husna Binti Mueizam	
Silver	1810328	<i>Sabeel</i> by Maisarah Binti Hamzah	Dr. Mohd Syarqawy Hamzah
Bronze	1716549 1815499	<i>Little Khalifah</i> by Muhammad Amir Firdaus Bin Zaidin Syarizal Bin Shamsul	Dr. Hazwani Mohd Mohadis

INFO 4993 System Development Project Sem 1 2021/22

Rank	Title and [Supervisor		
1.				
		by	Br. Muhd Rosydi	
	1822438	Tengku Nur Izzah Atirah Bt Tengku Mahamud	Muhammad	
	1829714	Siti Nor Afiqah Bt Mat Hassan		
2.		IIUM Pickup Mobile Application	l	
		by	Dr. Nurhafizah	
	1811252	Nurul Jannah Binti Hussain	Mahri	
	1814246	lman Nurzawani Binti Osman		
3.		Epharmac4u		
		by	Br. Abdul Rahman Ahmad Dahlan	
	1738471	Shanjan Mahmud Reaz	Anmad Danian	
4.	1825891	Mohammad Raihanul Islam		
4.		MentAllay		
	1915105	by Dan Daia Maurin	Dr. Zahidah Zulkifli	
	1815105 1722015	Ben Daia Mounir Chbani Youssef		
5.	1722015	Ez2book		
J .			Dr. Madihah S	
	1910457	by Ahmad Naufal Ibad Bin Mohd Lazim	Abdul Aziz	
	1915634	Nurul Najihah Binti Khairul Najmy	ABGGI AZIZ	
		me: A Secure Productivity And Mood Tracking		
	Revivigyi			
		App For The Mentally II	Dr. Shuhaili Talib	
	1829901	<i>by</i> Danial Afiq bin Azlan		
6.	1829901			
0.		Cybersecurity Homel	Dr. Nurul Nuha	
	1826557	Muhammad Amirul Aiman Bin Yusoff	Abdul Molok	
	1827419	Muhammad Aiman Hakim Bin Abdull Mutalib		
	1027 125	Bookku - A Used Book Marketplace		
		by		
	1828623	Faris Irfan Bin Rosemanzailani	Dr. Mira Kartiwi	
	1828459	Ahmad Irfaan Helmi Bin Jaffar		
7.		Student Fitness		
		by	Dr. Atikah Balqis	
	1627421	Md Anwarul Karim	Basri	
	1739373	Antor Md Emran Hossen		

Completion of Research Droject



LEADING THE WAY







ongratulations on Completion of Fundamental Research Grant Scheme

TITLE:

AN INFORMATION QUALITY REQUIREMENTS MODEL FOR ONLINE HEALTH
INFORMATION

AMOUNT: RM 46,000



ASST. PROF. DR. SITI ASMA BINTI MOHAMMED

TEAM MEMBERS

1. PROF. TS. DR. MIRA KARTIWI

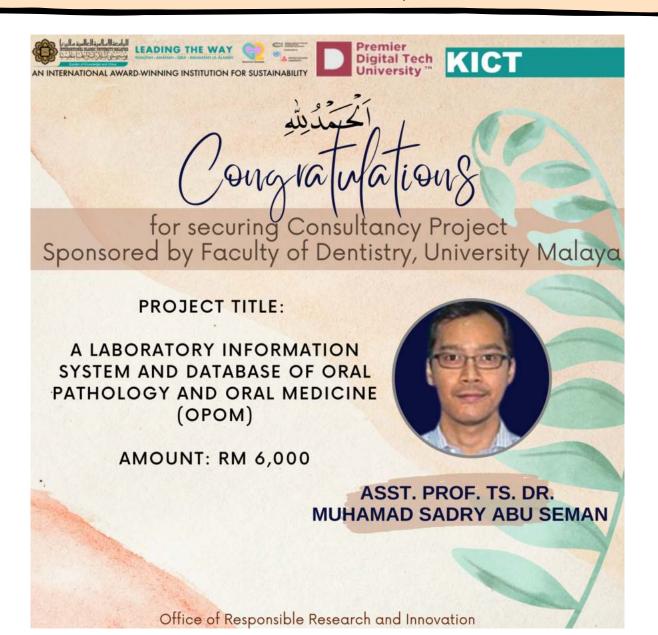
2. DR. SULIANA SULAIMAN,

UNIVERSITI PENDIDIKAN SULTAN IDRIS

3. DR. ROHAIZAH BINTI ABDUL WAHID, UNIVERSITI PENDIDIKAN SULTAN IDRIS

Office of Responsible Research and Innovation

Consultancy Droject



Speaker in the NUNI International Seminar Series #5



Kulliyyah Seminar/Talk: Upcoming Events











KICT INTELLECTUAL TALK SERIES 1/2022

TOWARDS HUMANISING **TECHNOLOGY:** AN ISLAMIC PERSPECTIVE.

DATE/DAY: 15 APRIL 2022/FRIDAY TIME:10.00 AM - 11.00 AM



SPEAKER: ASST. PROF. DR AZNAN ZUHID SAIDIN MEMBER OF PERCEPTIVE & SENTIMENT COMPUTING RESEARCH UNIT



for attendance





MODERATOR: ASST. PROF. DR. ELIN ELIANA ABDUL RAHIM MEMBER OF PERCEPTIVE & SENTIMENT COMPUTING **RESEARCH UNIT**



IN COLLABORATION WITH KICT ISLAMISATION COORDINATOR

Organized by:

Office of Responsible Research and Innovation Kulliyyah of Information and Communication Technology

Dublication in March 2022

SUBMISSION IN IREP FOR MARCH 2022

- 1. Abdullah, Abdul Halim and Attarbashi, Zainab and Che Mohamed Arif, Ahmad Suki (2022) *Results acceptability of E-Voting system using blockchain technology*. In: Seminar on Information Retrieval and Knowledge Management 2022 (SIRKM'22), 2-3 March 2022, Online.
- 2. Abubakar, Adamu and Al-Hussaini, AbulFathi Ibrahim Saleh (2022) *Bitcoin investment during Covid-19: the critical factors influencing its adoption.* Journal of Information System and Technology Management (JISTM), 7 (25). pp. 1–20. E-ISSN 0128-1666
- 4. Attarbashi, Zainab and Yuen, Chin Yi and Che Mohamed Arif, Ahmad Suki (2022) Web security awareness of it graduate students: case study. In: Seminar on Information Retrieval and Knowledge Management 2022 (SIRKM'22), 2-3 Mar 2022, Online.
- 5. KM, Zubair and Syed Mashkur, Billah and Md Nor, Norzaliza (2022) Early detection on autistic children by using EEG signals. International Journal on Perceptive and Cognitive Computing, 8 (1). pp. 59-64. E-ISSN 2462-229X
- 6. Ahmad Dahlan, Abdul Rahman and Alias, Majdan and Ibrahim, Jamaludin and Mhd. Sarif, Suhaimi and Jaapar, Ghazali and Man, Saupi and Abdul Razak, Dzuljastri and Mohd Ali, Noor Azian and Abdul Aziz, Normaziah and Mohamadali, Noor Azizah and Mahri, Nurhafizah and Ismail, Amelia Ritahani and Abdul Kadir, Andi Fitriah and Mansor, Hafizah and Mohd. Nor, Rizal and Ismail, Ahsiah and Ahmad Puzi, Asmarani and Zulkifli, Izyani and Ahmad H.Osman, Rahmah (2022) MKitchen Training and Development. Mkitchen, KICT IIUM Gombak, IIUM. ISBN 978-967-26569-2-0
- 7. Hamed Zahran Al-Hatmi, Afraa and Md Nor, Nor Saadah (2022) *Investigating students' use of digital reference service in Oman's academic libraries*. Electronic Interdisciplinary Miscellaneous Journal, 45. pp. 1-36. ISSN 2617-958X
- 8. Nur, Al Mohi and Mohd Aman, Azana Hafizah and Hassan, Rosilah and Naser Abdali, Taj-Aldeen and Attarbashi, Zainab and Hassan Abdalla Hashim, Aisha (2022) An intelligent flood alert system using LoRa on basis of internet of things. In: Communications in Computer and Information Science 1548. Springer Nature Switzerland AG 2022, Switzerland, pp. 3–15. ISBN 978-3-030-97254-7