

## PERSONAL PARTICULARS FORM FOR ACADEMIC POSITION



### PERSONAL DETAILS

<b>Name</b>	<b>Ts. Dr. Suliadi Firdaus bin Sufahani</b>
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### WORKING EXPERIENCE

Position	Duration
Head of Statistics Panel, Universiti Tun Hussein Onn Malaysia	January 2019 - Present
Editorial Board, Journal of Science and Technology (Malaysia) (ISSN: 2229-8460)	January 2019 - Present
Editorial Board, International Journal of Soft-Computing and Metaheuristics (Indonesia) (ISSN 2621-0932)	February 2018 - Present
Senior Lecturer, Universiti Tun Hussein Onn Malaysia	March 2017 - Present
Tutor, Universiti Tun Hussein Onn Malaysia	September 2008 - February 2017
Assistant Professor, Locum Tenens, Universiti Teknologi Brunei (Exchange Lecturer, Competency Program)	January 2018 - May 2018
Oasis Integrated Group, Principle Researcher	November 2020 - Present
UTHM Mathematic Statistics Research Group, Affiliate Researcher	September 2008 - Present

Malaysian Research Institute For Vocational Education and Training, Senior Researcher, Affiliate Researcher	2019 - Present
Center for Research in Computational Mathematics, Affiliate Researcher	September 2008 - Present
UTM-Survey Research Group – Affiliate Researcher	August 2015 - May 2016
Demonstration Assistant, University of Sheffield (UK)	September 2008 - September 2012
Tutor, Universiti Teknologi Malaysia	March 2007 - October 2007
Tutor, Universiti Utara Malaysia	January 2006 - March 2007
Operational Decision Support Technology Engineer, Intel Technology Sdn. Bhd	April 2005 - June 2005
Assistant Manager of Isotex Services Sdn. Bhd	March 2004 - June 2004, March - June 2002

## EDUCATION

No.	School / Institution	Award	Duration
1	University of Sheffield (UK) / Universiti Teknologi Malaysia	PhD in Mathematics	October 2008 - December 2016
2	University of Nottingham (UK)	MSc. in Statistics	September 2007 – August 2008
3	Universiti Utara Malaysia	Bsc. In Decision Sciences (Hons) First Class (3.76) Anugerah Pelajaran Diraja @ Royal Education Award (Best Student Award)	May 2002 – March 2005
4	KPM Matriculation Bangi (Foundation)	Pure Science Matriculation Certificate	March 2001 – March 2002
5	Sekolah Abdullah Munshi (Secondary School)	Form 1 – 5	December 1995 – November 2000
6	Wellesley Primary School	Standard 1 - 6	December 1990 – November 1995

## RECOGNITION AWARDS IN SERVICE

### UNIVERSITI TUN HUSSEIN ONN MALAYSIA 2012 – 2020

No	Award	Year
1	Anugerah Perkhidmatan Cemerlang (Excellent Service Award)	2019
2	Anugerah Jasa Bakti 10 Tahun (10 Year Devotional Service Award)	2018
3	Anugerah Khas Panel Pembangunan Sumber Manusia (Human Resource Development Panel Special Award)	2014
4	Anugerah Inspirasi Cendekiawan (Anugerah Inovasi Universiti) Scholar Inspiration Award (University Innovation Award)	2019
5	FAST Innovation Award	2019

## H-INDEX

Google Scholar	No of citations	H Index	SCOPUS	No of citations	H Index
	248	9		271	10
Date (as of)	22/12/2020		Date (as of)	22/12/2020	

## TEACHING EXPERIENCE

### POSTGRADUATE SUBJECTS (MASTER AND PHD)

No.	Semester	Session	Code	Course name	Level	Credit
1	1	20202021	KWZ10003	Research Methodology	Master	3
2			PWZ10003	Research Methodology	PhD	3
3	1	20192020	KWZ10000	Research Methodology	Master	1
4			KWZ10000	Research Methodology	Master	1
5			MWA10000	Research Methodology	Master	1
6			MWB10000	Research Methodology	Master	1
7			PWZ10000	Research Methodology	PhD	1
8			MWB20114	Master Project II	Master	4
9			2	20192020	KWZ10000	Research Methodology
10	MWA10000	Research Methodology			Master	1
11	PWZ10000	Research Methodology			PhD	1
12	1	20182019	KWZ10000	Research Methodology	Master	1
13			MWA10000	Research Methodology	Master	1
14			MWB10000	Research Methodology	Master	1
15			PWZ10000	Research Methodology	PhD	1
16			MWA10702	Master Project 1	Master	2
17			MWB10702	Master Project 1	Master	2
18	2	20182019	KWZ10000	Research Methodology	Master	1
19			MWA10000	Research Methodology	Master	1
20			MWB10000	Research Methodology	Master	1
21			PWZ10000	Research Methodology	PhD	1
22			MWB10702	Master Project 1	Master	2
23			MWA20114	Master Project II	Master	4
24			MWB20114	Master Project II	Master	4
25			CWK10000	Research Methodology	Master	1
26	1	20172018	KWZ10000	Research Methodology	Master	1
27	2	20172018	KWZ10000	Research Methodology	Master	1
28			MWA10000	Research Methodology	Master	1
29			MWB10000	Research Methodology	Master	1
30			PWZ10000	Research Methodology	PhD	1

## UNDERGRADUATE SUBJECTS

No.	Semester	Session	Code	Course name	Level	Credit
1	1	20202021	BWB31002	Industrial Management	Bachelor	2
2			BWB44503	Marketing Management	Bachelor	3
3			BWU10401	First Year Seminar	Bachelor	1
4			BWB42604	Bachelor Degree Project II	Bachelor	4
5	1	20192020	BWB44003	Strategic Marketing	Bachelor	3
6			BWB43703	Performance Modelling of Communication Network	Bachelor	3
7			BWB21002	Industrial Management	Bachelor	2
8			BWB42604	Bachelor Degree Project II	Bachelor	4
9	2	20192020	BWU10302	Occupational Safety and Health	Bachelor	2
10			BWB44703	Optimization	Bachelor	3
11			BWB32402	Bachelor Degree Project I	Bachelor	2
12	1	20182019	BWB44003	Strategic Marketing	Bachelor	3
13			BWB43703	Performance Modelling of Communication Network	Bachelor	3
14			BWA40304	Bachelor Degree Project II	Bachelor	4
15	2	20182019	BWU10302	Occupational Safety and Health	Bachelor	2
16			BWB32402	Bachelor Degree Project I	Bachelor	2
17			BWM22502	Statistic Engineering For Technology	Bachelor	2
18	1	20172018	BWB44003	Strategic Marketing	Bachelor	3
19			BWB43703	Performance Modelling of Communication Network	Bachelor	3
20			BWB42604	Bachelor Degree Project II	Bachelor	4
21			BWM22502	Statistic Engineering For Technology	Bachelor	2
22	2	20172018	BWB32402	Bachelor Degree Project I	Bachelor	2
23			BWB20903	Business Statistics	Bachelor	3
24	1	20162017	BBR34103	Basic Method of Statistics	Bachelor	3
25			BWB44003	Strategic Marketing	Bachelor	3
26	2	20162017	BWU10102	Entrepreneurship	Bachelor	2
27			BWM21403	Mathematics IV	Bachelor	3
28			BWB42703	Statistical Modelling For Biology	Bachelor	3
29			BWB21503	Statistics For Decision Making	Bachelor	3
30	1	20152016	BBR23703	Basic Algebra	Bachelor	3
31			BBR33903	Basic Calculus	Bachelor	3

32			BBR33803	Basic Statistics	Bachelor	3
33	2	20152016	BBR33803	Basic Statistics	Bachelor	3
34	1	20142015	BBR33903	Basic Calculus	Bachelor	3
35			BWA30903	Advance Linear Programming	Bachelor	3
36			BBR33803	Basic Statistics	Bachelor	3
37			BWM20502	Engineering Statistics	Bachelor	2
38			BWM22502	Engineering Statistics For Technology	Bachelor	2
39	2	20142015	BBR33803	Basic Statistics	Bachelor	3
40	1	20132014	BWM21403	Mathematics IV	Bachelor	3
41			BWA20403	Linear Programming	Bachelor	3
42			BWM20502	Engineering Statistics	Bachelor	2
43			BSM2922	Engineering Statistics	Bachelor	2
44	2	20132014	BWA21003	Data Analysis	Bachelor	3
45			BWM20502	Engineering Statistics	Bachelor	2
46			BWB21503	Statistics For Decision Making	Bachelor	3
47	1	20122013	BWM20502	Engineering Statistics	Bachelor	2
48	2	20122013	BWM21303	Mathematics III	Bachelor	3
49			BWM20403	Engineering Mathematics III	Bachelor	3
50			BSM2913	Engineering Mathematics	Bachelor	3
51			BWM20502	Engineering Statistics	Bachelor	2
52			BSM2922	Engineering Statistics	Bachelor	2

### **PRE-UNDERGRADUATE SUBJECTS**

No.	Semester	Session	Code	Course name	Level	Credit
1	1/5/2017 – 30/8/2017		PSM33803	Basic Statistics	Pre Bachelor	3
2	1/5/2017 – 30/08/2017		PSM00403	Essential Calculus	Pre Bachelor	3
3	1/5/2016 – 30/8/2016		PSM00403	Essential Calculus	Pre Bachelor	3
4	1/5/2015 – 31/8/2015		PSM33803	Basic Statistics	Pre Bachelor	3

## SUPERVISION

### **CURRENT PHD STUDENT**

No	Student	Title	Year	Status	Position
1	Azila Md Sudin	A new zero-one mathematical modeling with the combination of three new post-optimality algorithms for Malaysian primary school children with cancer	2019	On-going	Co-Supervisor
2	Natasha Amira Mohd Zailani	Planning Balanced And Nutritious Diet For Autism Paralympic Athlete Through Decision Making And Optimization Model	2018	On-going	Main Supervisor
3	Fairuz Bahirah Baharom	Additive Programming For Modeling Malaysian Primary School Diet Problem: Autism Children	2018	On-going	Main Supervisor
4	Wan Noor Afifah Wan Ahmad	A New Modified Shooting Method In The Non-Classical Optimal Control Problem: An Economical Application	2019	On-going	Main Supervisor

### **GRADUATED PHD STUDENT**

No	Student	Title	Year	Status	Position
1	Dare Jayeola	Optimizing risk of diversification for investing precious metal using black litterman method	2018	Graduated	Co-Supervisor

### **CURRENT MASTER STUDENT (FULL RESEARCH)**

No	Student	Title	Year	Status	Position
1	Siti Hajar Mohd Ariff	Observation study on queuing system in post office.	2018	On-going	Co-Supervisor
2	Ong Ai Lee	Nutritious Planning and Scheduling For Breast Cancer Patient Using Optimization Method	2019	On-going	Main Supervisor
3	Muhammad Haris Baharrudin	Ecommerce Sales Forecasting by Optimizing Genetic Algorithm in ARIMA	2019	On-going	Co-Supervisor
4	Fatin Nur Atikah Zahari	Taxidermy and Analytical Hierarchy Process for the Development of Natural History Gallery in Pulau Tinggi Mersing Johor	2019	On-going	Co-Supervisor

**GRADUATED MASTER STUDENT (FULL RESEARCH)**

No	Student	Title	Year	Status	Position
1	Nur Abidah Azhar	A study on acceptance of silent piling technology among government sector	2018	Graduated	Co-Supervisor
2	Wan Nur Afifah Wan Ahmad	A non-standard optimal control problem arising in an economics application: royalty piecewise payment with hyperbolic tangent function	2019	Graduated	Main Supervisor
3	Izah Rafidah Ahmad	Class time tabling with Genetic Algorithm technique for Faculty of Applied Sciences and Technology first year student	2019	Graduated	Main Supervisor
4	Opara Otuodi Chigozie	A Study of Correlation Between Down Syndrome and Parental Age in Negeri Sembilan	2020	Graduated	Main Supervisor
5	Gan Fui Yee	Improved Current Housing Guideline For Preference of B40 & M40 Non-Bumiputera Homebuyers In Kuala Lumpur	2020	Graduated	Main Supervisor

**GRADUATED MASTER STUDENT (PROJECT DISERTATION)**

No	Student	Title	Year	Status	Position
1	Siti Nurfaizzah Raman	Forecasting of container throughputs at port of tanjung pelepas (PTP) Johor (Malaysia) through time series method	2018	Graduated	Main Supervisor
2	Shuhaidah Abdul Shukor	Forecasting of stock market price for precious metal and crude oil	2019	Graduated	Main Supervisor
3	Sharifah Amira Najwa Syed Muhamad Dawilah	Healthy diet scheduling and balance nutrient for eczema patient through mathematical programming	2019	Graduated	Main Supervisor
4	Malarvili A/P Nadarajan	Tourist Arrival Forecasting Using ARIMA, Random Walk Model and Exponential Smoothing Technique.	2020	Graduated	Main Supervisor

**CURRENT BACHELOR'S DEGREE FINAL YEAR PROJECT**

No	Student	Title	Year	Status	Position
1	Batrisyia Ibtisam Osman	Optimization Approach on Nutritious Manual Planning for Sinusitis Patient Among Malaysian	2020	On-going	Main Supervisor
2	Low Qiau Han	Analyze scheduling problem of operation theatre in Hospital Muar	2020	On-going	Main Supervisor

		using integer linear programming method			
3	Ng Rou Ting	Improvement of Queuing Management System for Public Hospital in Johor, Malaysia	2020	On-going	Main Supervisor
4	Tee Jing Ying	Vegetarian Menu Planning and Scheduling for Breast Cancer Patients in Malaysia Using Optimization Approaches	2020	On-going	Main Supervisor
5	Tan Li Jun	A regression analysis of risk factor in cervical cancer in Muar Hospital	2020	On-going	Main Supervisor
6	Maisarah Auni Jamaludin	Nutrient Planning for Heart Problem (Stroke) Patient by using Optimization Technique	2020	On-going	Main Supervisor

### GRADUATED BACHELOR'S DEGREE FINAL YEAR PROJECT

No	Student	Title	Year	Status	Position
1	Zaiton Ibrahim	A qualitative review on acceptance of silent piling technology among designers in malaysia	2013	Graduated	Co-Supervisor
2	Syed Muhammad Azri Syed Sober	A qualitative review on acceptance of silent piling technology among contractors in pulau pinang	2014	Graduated	Co-Supervisor
3	Noorshahiza Amariza	Homotopy perbutaion transform method for nonlinear equations using he's polynomials	2015	Graduated	Co-Supervisor
4	Syafiqah Mohd Abd Wahab	Homotopy perbutaion method for nonlinear partial differential equations of fractional order	2015	Graduated	Co-Supervisor
5	Syahirah Ahmad Solihin	Application of homotopy perbutaion method to poisson equation	2015	Graduated	Co-Supervisor
6	Low Zhen Sheng	A mathematical modeling for planning nutritious menu and balance nutrient for eczema patient	2018	Graduated	Main Supervisor
7	Ong Ai Lee	A statistical analysis and satisfaction index on factors that affect healthy lifestyle among UTHM student in Pagoh	2019	Graduated	Main Supervisor
8	Kweek Yan Ping	A menu planning for myopia patient with mathematical modeling	2019	Graduated	Main Supervisor
9	Wesley Goh Yi Yong	Data mining technique in precious metal price forecasting	2019	Graduated	Main Supervisor
10	Liew Su Hui	An optimization method for diet scheduling for high blood pressure patient	2019	Graduated	Main Supervisor
11	Nurul Diana Yusof	Chinese remainder theorem in computational theory toward solving cryptography problem	2019	Graduated	Main Supervisor



12	Fitrah Nur Najah Zainudin	Analysing face proportion using the golden ratio	2019	Graduated	Main Supervisor
13	Lam Suk Jin	Forecasting of Interest Rate of Malaysia Using ARIMA Model and Double Exponential Smoothing	2020	Graduated	Main Supervisor
14	Lee Hui Zhen	Forecasting on Tea Production in Malaysia using ARIMA Model and Holt's Linear Trend Method	2020	Graduated	Main Supervisor
15	Chow Pei Sze	Optimization of examination timetable by Genetic Algorithm	2020	Graduated	Main Supervisor
16	Pee Ling Kien	Forecast the GD Express Carrier Stock Prices Trend by using Stochastic Analysis Method	2019	Graduated	Main Supervisor
17	Lam Wei Soon	Optimization of Diet Planning for Diabetes Patient Through Integer Programming	2019	Graduated	Main Supervisor
18	Nurul Masitah Baharom	A Study on Factors Affecting Final Year Student Car Purchase Intention	2019	Graduated	Main Supervisor

## INDUSTRIAL TRAINING SUPERVISION

No.	Year	Name	Company	State
1.	2019	Alice Chai Swee Yan	Carsem (M) Sdn. Bhd. (M Site)	Perak
2.		Pelajar FKEE	Carsem (M) Sdn. Bhd. (M Site)	
3.		Nurfatin Syawani Binti Abdul Malek	Pertubuhan Peladang Kawasan Parit	
4.		Suhaibah Binti Harun	Pejabat Pentadbiran Perbadanan Taman Negeri Perak Darul Ridzuan	Pulau Pinang
5.		Chan Teck Loon	Talent Excelsior	
6.		Nursuraya Shazlin Binti Sujairi	Pejabat Meteorologi Pulau Pinang	
7.		Jonathan Tan Huan Jing	Havva Agrotech Sdn Bhd	
8.		Mazwin Arleena Binti Masngut	Boon Siew Honda Sdn Bhd	
9.		Nurizatin Binti Shaik Jalaludeen	Pusat Komputer Negeri	
10.	2018	Liew Su Hui	Swang Chai Chuan Sdn Bhd	Pahang
11.		Nur Hidayun Binti Ishak	Hicom Automotive Manufacturers (Malaysia) Sdn Bhd	
12.		Gan Pei Yee	C. L. Yeo & Chan Sdn Bhd	
13.		Kow Hong Sam	Singa Trading (M) Sdn Bhd	
14.		Nurul Belina Binti Zamri	Amanah Raya Berhad	
15.		Nor Afiqah Binti Mohd Aris	Pejabat Pendidikan Daerah Temerloh	Kedah
16.		Ulyawati Binti Mohsin	Sukaramai Rice Mill Sdn Bhd	
17.		Nurul Syamira Binti Md Rahim	Gegar C Travel And Tours Sdn Bhd	
18.		Noor Faziyatul Shahira Binti Roslan	Uprise Elastic Webbing (M) Sdn Bhd	
19.		Husna Afzan Binti Zakaria	Institut Kemahiran Tinggi Belia Negara Bukit Mertajam	
20.	Nursyafirah Illyana Binti Zainal Amri	UWC Holdings Sdn. Bhd.		

21.		Leng Yee Chee	Zebra Technologies Malaysia Sdn Bhd	
22.		Siew Ya Bing	Zebra Technologies Malaysia Sdn Bhd	
23.		Loh Eng Chuen	Laird Technologies	
24.		Muhammad Muizz Bin Mohd Nawawi	Trio Paper Mills Sdn Bhd	
25.		Nurul Diana Binti Yusop	MQ Consultancy Sdn Bhd	
26.		Muhammad Shamil Bin Abdul Sahood	Fujikura Federal Cables Sdn. Bhd.	
27.	2017	Ummal Aisha Farhana	Tremendous Wealth Advisors	Selangor
28.		Nasuha Binti Fauzi	Nestle Manufacturing (Malaysia) Sdn Bhd	
29.		Shabirah Binti Md Basar	Tremendous Wealth Advisors	
30.		Sharifah Amira Najwa Binti Syed Muhamad Dawilah	Tremendous Wealth Advisors	
31.		Siti Nur Hanisah Binti Mohamad Razali	Tremendous Wealth Advisors	
32.		Puteri Nur Izazi Binti Burhanuddin	Tremendous Wealth Advisors	
33.		Nurul Syahirah Binti Zaharudin	Tremendous Wealth Advisors	
34.		Chong Siew Yee	Versatrend Sdn Bhd	
35.		Chan Pei Shan	Silverlake Structured Service Sdn Bhd	
36.		Nurul Aisyah Binti Johan	Pejabat Daerah Dan Tanah Klang	
37.		Nur Liyana Hidayah Binti Abdul Halim	APM Automotive Holdings Berhad	
38.		Ida Sharina Binti Zin Azman	Nj Management & Services	
39.		Ng Jin Chuan	Thumbprints Utd Sdn Bhd	
40.		Tee Wei Sim	Daikin Malaysia Sdn Bhd	
41.		Koh Yee Mun	Daikin Malaysia Sdn Bhd	

## RESEARCH GRANTS AND CONTRACTS

### INTERNATIONAL / NATIONAL RESEARCH GRANTS (LEADER)

No	Code	Type	Title	Allocation (RM)	End Date
1	K175	FRGS	New hybrid binary mathematical modeling with new optimal sensitivity analysis algorithms for autism primary school children in Malaysia for B40 household category	81500.00	30/11/2022

**INTERNATIONAL / NATIONAL RESEARCH GRANTS (MEMBER)**

No	Code	Type	Title	Allocation (RM)	End Date
1	M025	Industrial Grant	Development and analysis of antioxidant ready to drink (artd) juice from pineapple-kelulut honey blended	70000.00	31/07/2022
2	K178	FRGS	A new model of household behaviours and effect on the food security of Malaysian b-40 : an empirical analysis in big data.	44700.00	31/10/2021
3	K251	Geran Kontrak Kementerian	Bandar Penggaram towards low carbon cities 2030: urban transportation	20000.00	31/03/2021
4	1498	FRGS	New fuzzy control chart for normal and nonnormal distribution using $\lambda$ -cut	87200.00	31/08/2017
5	F0245	FRGS	A novel object recognition technique for remote sensing images based on mathematical morphology and correlation methods	62000.00	30/11/2016

**UNIVERSITY RESEARCH GRANTS (LEADER)**

No	Code	Type	Title	Allocation (RM)	End Date
1	H418	GPPS	A new modified shooting method in the non-classical optimal control problem: an economical application in royalty payment	30000.00	31/10/2021
2	H556	GPPS	Ebay marketing revolutionary: effectiveness of social media platform	23000.00	31/07/2021
3	H419	GPPS	Planning balanced and nutritious diet for autism paralympic athlete through decision making and optimization model	24000.00	30/04/2021
4	B086	GPP	Malaysian secondary school menu planning programme (with sufahani-ismail algothm)	30000.00	14/10/2019
5	U903	TIER1	A new zero-one mathematical modeling with the combination of three new post-optimality algorithms for Malaysian primary school children with cancer	20000.00	31/08/2019
6	U991	GPPS	A non-standard optimal control problem arising in an economics application : for royalty payment with piecewise function	12000.00	31/10/2018

**UNIVERSITY RESEARCH GRANTS (MEMBER)**

No	Code	Type	Title	Allocation (RM)	End Date
1	H854	TIER1	The impact of email marketing strategy for small medium enterprises: empirical insights from Malaysia	20000.00	14/11/2022
2	H648	GPPS	A new manufacturing flexibility guideline for industry	21600.00	31/12/2021
3	H069	TIER1	A new modified shooting method in the non-classical optimal control problem: an economical application	20000.00	31/12/2020
4	H158	TIER1	Pulsating blood flow through a constricted porous artery	20000.00	31/12/2020
5	H232	TIER1	The analysis of multinomial logistics with gaussian fuzzy data rule on satisfaction level for hotel management	20000.00	31/12/2020
6	H422	GPPS	Nutritious planning and scheduling for breast cancer patient with optimization methods	20000.00	31/12/2020
7	H424	GPPS	Guideline for assessment of b40 to buy a residential property in Kuala Lumpur	20000.00	31/12/2020
8	U909	TIER1	Modelling climate variability and dengue fever incidence in peninsular Malaysia	20000.00	29/02/2020
9	U904	TIER1	A new hybrid forecasting technique with quadratic programming on diversifying the gold and oil investment	20000.00	31/08/2019
10	U907	TIER1	A new flood alert indicator by advanced forecasting method and new algorithm for river stream flow in Johor	20000.00	31/08/2019
11	U136	STG	The development of exquisite rigorous proof and logical reasoning towards the undergraduate students for enhancing their mathematical analysis	20000.00	31/03/2017
12	U231	Geran Kontrak	Pencapaian kursus matematik dan statistik di kalangan pelajar UTHM: punca kelemahan dan teknik pengajaran dan pembelajaran yang lebih diminati	4000.00	31/01/2016
13	1362	GIPS	Acceptance of silent piling technology among local authorities in malaysia	13000.00	31/10/2014

## PUBLICATIONS

### WEB OF SCIENCES (WOS)

No	Authors / Title	Role	Year
1	Asmala Ahmad, Khadijah Amira Mohd Fauzey, Mohd Mawardy Abdullah, <b>Suliadi Firdaus Sufahani</b> , Mohd Yazid Abu Sari, Abd Rahman Mat Amin Noise and Restoration of UAV Remote Sensing Images, INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, The Science and Information Organization, 11, 12, ISSN:21565570	First Author UTHM	2020
2	Asmala Ahmad, Shaun Quegan, <b>Suliadi Firdaus Sufahani</b> , Hamzah Sakidin, Mohd Mawardy Abdullah Haze Effectson Satellite Remote Sensing Imagery And Their Corrections, INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, The Science and Information Organization, 10, 69, ISSN:21565570	First Author UTHM	2019
3	Dare Jayeola, Zuhaimy Ismail, <b>Suliadi Firdaus Sufahani</b> (2017) Effects Of Diversification Of Assets In Optimizing Risk Of Portfolio, MALAYSIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES, Penerbit UTM Press, 12, 584, ISSN:2289599X	First Author UTHM	2017

### INTERNATIONAL INDEXED JOURNAL (SCOPUS)

No	Authors / Title	Role	Year
1	Kamilu Kamfa, Sulaiman Ibrahim, <b>Suliadi Firdaus Sufahani</b> , R.B. Yunus, Mustafa Mamat, A Modified BFGS method via New Rational Approximation Model for Solving Unconstrained Optimization Problems and Its Application, ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL, 9, 12, 10771–10786, ISSN: 1857-8365	First Author UTHM	2020
2	Sugiyarto, Muhammad Randa, <b>Suliadi Sufahani</b> Analysis Stock Price Index Using Residual Income Model In Jakarta Islamic Index, JOURNAL OF ADVANCE RESEARCH IN DYNAMICAL & CONTROL SYSTEMS, JARDCS, 12, 47, ISSN:1943-023	First Author UTHM	2020
3	Opara Otuodi Chigozie, <b>Suliadi Firdaus Sufahani</b> , Kamil Khalid, Azila M. Sudin Statistical Study On The Relationship Between Maternal Age And Down Syndrome Birth In Malaysia, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH, IJSTR, 3, 6677, ISSN:22778616	Corresponding Author	2020
4	Gan Fui Yee, <b>Suliadi Firdaus Sufahani</b> , Mustafa Mamat, Mohamad Afendee Mohamed, Puspa Liza Ghazali, Kamil Khalid Analog The Performance Between Three Classifiers On Bank Marketing Data, INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING (IJRTE), Blue Eyes	Corresponding Author	2019

	Intelligence Engineering & Sciences Publication, 7, 382, ISSN:22773878		
5	Ahmad Muhibbin, Achmad Fathoni, Zainal Arifin, <b>Suliadi Firdaus Sufahani</b> Data Analysis On Civic Education Learning Development Based On Controversial Issues In The Mass Media In Collaboration With Active Learning To Increase The Democratic Higher Order Thinking Skills, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH, International Journal of Scientific & Technology Research , 10, 2124, ISSN:22778616	First Author UTHM	2019
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13	M. Ghazali Kamardan, N. Aminudin, Norziha Che Him, <b>Suliadi Firdaus Sufahani</b> , Kamil Khalid, Rozaini Roslan (2018) Modified Multi Prime Rsa Cryptosystem, IOP, 1, ISSN:1757-899	Co-Author UTHM	2018
14	Low Zhen Sheng, <b>Suliadi Sufahani</b> (2018) Optimal Diet Planning For Eczema Patient Using Integer Programming, IOP PUBLISHING, 1, ISSN:1757-899	Corresponding Author	2018
15	Azila M. Sudin, <b>Suliadi Sufahani</b> (2018) Optimization Technique With Sensitivity Analysis On Menu Scheduling For Boarding School Student Aged 13-18 Using "Sufahani-Ismail Algorithm", UTHM , 1, ISSN:1757-899	Corresponding Author	2018
16	Norziha Che-Him, M. Ghazali Kamardan, Mohd Saifullah Rusiman, <b>Suliadi Sufahani</b> , Mahathir Mohamad, Nafisah@ Kamariah Kamaruddin (2018) Spatio-Temporal Modelling Of Dengue Fever Incidences In Malaysia , IOP PUBLISHING, 1, ISSN:1757-899	Co-Author UTHM	2018
17	Zuhaimy Ismail, Noratikah Abu, <b>Suliadi Firdaus</b> New Product Forecasting With Limited Or No Data, AIP, AIP , 10, 91, ISSN:0094-243X	First Author UTHM	2016
18	Asmala Ahmad, <b>Suliadi Firdaus Sufahani</b> Analysis Of Landsat 5 Tm Data Of Malaysian Land Covers Using Isodata Clustering Technique, IEEE, 92, ISBN:978-146733116-6	First Author UTHM	2012

#### NATIONAL INDEXED PROCEEDING (NON-SCOPUS)

No	Authors / Title	Role	Year
1	Wan Noor Afifah Wan Ahmad, <b>Suliadi Firdaus Sufahani</b> New Fundamental Theory Through Modified Shooting Method With Piecewise Function In Solving The Royalty Problem, UTHM, 216, ISBN:9789672389316	Corresponding Author	2020
2	Maselan Ali, <b>Suliadi Sufahani</b> , Nurnazifa Hasim, Mohd Saifullah Rusiman, Rozaini Roslan, Mahathir Mohamad, Kamil Khalid (2018) The Development Of Proof In Analytical Mathematics For Undergraduate Students, UTHM, 1, ISSN:1757-899	Co-Author UTHM	2018
3	<b>Suliadi Sufahani</b> , Zuhaimy Ismail A Diet Planning Model For Malaysian Boarding School Using Zero-One Integer Programming, UTHM, 137, ISBN:9670468515	Corresponding Author	2013
4	<b>Suliadi Firdaus Sufahani</b> , Siti Noor Asyikin Mohd Razali, Mohamad Farhan Mormin, Azme Khamis (2012) An Analysis Of The Prevalent Of Pneumonia For Children Under 12 Years Old In Tawau General Hospital, UTHM, 1, ISBN:983-9805-86-4	Corresponding Author	2012
5	<b>Suliadi Firdaus Sufahani</b> , Siti Noor Asyikin Mohd Razali, Zuhaimy Ismail A Scheduling Problem For Hospital Operation Theatre, UTHM , 8, ISBN:983-9805-86-4	Corresponding Author	2011

**INTERNATIONAL BOOKS**

No	Authors / Title	Publisher	Year
1	Mohd Zulariffin Md Maarof, <b>Suliadi Firdaus Sufahani</b> , Nur Syereena Nojumuddin Diabetes Daily Record: 2 Years Log Book With Weekly Review: Blood Sugar Insulin Dose Grams Carb Activity Log Book For Glucose Tracker, Amazon, 1, ISBN:1698651384	Amazon	2019
2	Mohd Zulariffin Md Maarof, <b>Suliadi Firdaus Sufahani</b> , Nur Syereena Nojumuddin Guitar Tablature Notebook: 7 Blank Chord Diagrams 150 Pages Blank Paper Manuscripts For Ukulele Players, Musicians, Teachers And Students, Amazon, 1, ISBN:1699517932	Amazon	2019
3	Mohd Zulariffin Md Maarof, Nur Syereena Nojumuddin, <b>Suliadi Firdaus Sufahani</b> , Zuhaimy Ismail Implementation Of Genetic Algorithm In Model Identification Of Box-Jenkins Methodology, Amazon, 1, ISBN:1699074127	Amazon	2019

**NATIONAL BOOK**

No	Authors / Title	Publisher	Year
1	Long, K.S., <b>Sufahani, S.F.</b> , Roslan,R A Letter On Application Of Mathematics And Statistics, UTHM , 1, ISBN:9789672216063	UTHM	2018

**NEW EDITION BOOK**

No	Authors / Title	Publisher	Year
1	Zuhaimy Ismail, Kasim Thukiman, Ismail Mohamad, Mohd Azhar Abd Hamid, Fadillah Ismail, Mazilah Abdullah, <b>Suliadi Firdaus Sufahani</b> Indeks Kepuasan Rakyat Malaysia (Mpsi) 2016, UTM SURVEY RESEARCH GROUP , 25, ISBN:978-983-42794-9-3	UTM	2016

**BOOK CHAPTERS (NON-SCOPUS)**

No	Authors / Title	Role	Year
1	<b>S.F. Sufahani</b> , Z. Ismail, S.L. Kek (2019) A Binary Programming Mathematical Approach For Serving Healthy And Palatable Secondary School Menu, A Letter On Applications Of Mathematics And Statistics, UTHM , 1, ISBN:978967221606	Corresponding Author	2019
2	Salah Uddin, Mahathir Mohamad, MGHazali Kamardan, <b>Suliadi Sufahani</b> , Obaid Ullah Mehmood, Rozaini Roslan (2019) Fractional Derivative On Mhd Flow Of The Third Grade Fluid In The Porous Tube Subjected To A Constant Body	Co-Author UTHM	2019



	Acceleration And Pressure Gradient, A Letter On Applications Of Mathematics And Statistics, UTHM , 119, ISBN:9789672216063		
3	<b>S.F. Sufahani</b> , S.S. Ismail, K. Javen, N. Mohammad, S.L. Kek (2019) Survey On Domestic Water Consumption Population In The District Of Melaka Central, A Letter On Applications Of Mathematics And Statistics, UTHM , 85, ISBN:9789672216063	Corresponding Author	2019

### INTELLECTUAL PROPERTIES (PATENTS)

No	Reseachers	Title	Year	Patent No
1	<b>Suliadi Firdaus Sufahani</b> , Azila Md Sudin	Method and System For Meal Planning	2019	PI2019002288
2	<b>Ts. Dr. Suliadi Firdaus Sufahani</b>	Malaysian Secondary School Menu Planning Programme	2018	UI2018002261

### INTELLECTUAL PROPERTIES (COPYRIGHTS)

No	Researcher	Title	Year	Copyright No
1.	<b>Suliadi Firdaus Sufahani</b> , Ng Rou Ting	Methodology On Improvement The Queuing Management System For Hospital	2020	LY2020006017
2.	<b>Suliadi Firdaus Sufahani</b> , Batrisyia Ibtisam Binti Osman	Sufahani-Osman-Sinusitis Algorithm (SOSA)	2020	LY2020006018
3.	<b>Suliadi Firdaus Sufahani</b> , Low Qiau Han	1 Week Result On Operation Theater Scheduling Problem For Hospital	2020	LY2020006019
4.	<b>Suliadi Firdaus Sufahani</b> , Tee Jing Ying	1 Vegetarian-Sufahani-Tee-Breast Cancer Algorithm (VEST-BECA)	2020	LY2020006020
5.	<b>Suliadi Firdaus Sufahani</b> , Tan Li Jun	Risk Factor Of Cervical Cancer-Probit and Logit Regression Result	2020	LY2020006023
6.	<b>Suliadi Firdaus Sufahani</b> , Maisarah Auni Jamaludin	Sufahani-Jamaludin-Heart-Problem Algorithm (SJHEPA)	2020	LY2020005991
7.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Sufahani-Ahmad Nelder-Mead-Golden-Royalty Algorithm (SANMGRA)	2020	LY2020005997
8.	<b>Suliadi Firdaus Sufahani</b> , Opara Otuodi Chigozie	Result For Statistical Relationship Between Maternal Age and Down Syndrome In Malaysia	2020	LY2020005992
9.	<b>Suliadi Firdaus Sufahani</b> , Gan Fui Yee	Result For B40 and M40 Buyer To Purchase A Property In Kuala Lumpur Using Multistage Approach	2020	LY2020005993
10.	<b>Suliadi Firdaus Sufahani</b> , Ong Ai Lee	Computerized Integer Programming Method: Menu Scheduling For Critical Illness Patients	2020	LY2020005994

11.	<b>Suliadi Firdaus Sufahani</b> , Tee Jing Ying	Vegetarian-Sufahani-Tee-Breast Cancer Methodology (VEST-BECM)	2020	LY2020005995
12.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Sufahani-Ahmad-Broyden-Brent-Royalty Algorithm (SABBRA)	2020	LY2020006013
13.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Sufahani-Ahmad-Broyden-Golden-Royalty Algorithm (SABGRA)	2020	LY2020006007
14.	<b>Suliadi Firdaus Sufahani</b> , Low Qiau Han	Methodology On Operation Theater Scheduling Problem For Hospital	2020	LY2020006009
15.	<b>Suliadi Firdaus Sufahani</b> , Opara Otuodi Chigozie	Methodology For Statistical Relationship Between Maternal Age and Down Syndrome	2020	LY2020006011
16.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Sufahani-Ahmad-Powell-Brent-Royalty Algorithm (SAPBRA)	2020	LY2020006015
17.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Sufahani-Ahmad-Nelder-Mead-Brent-Royalty Algorithm (SANMBRA)	2020	LY2020005999
18.	<b>Suliadi Firdaus Sufahani</b> , Tan Li Jun	Risk Factor Of Cervical Cancer-Probit and Logic Regression Method	2020	LY2020006001
19.	<b>Suliadi Firdaus Sufahani</b> , Low Qiau Han	Programming Coding On Operation Theatre Scheduling Problem For Hospital	2020	LY2020006002
20.	<b>Suliadi Firdaus Sufahani</b> , Gan Fui Yee	Methodology For B40 and M40 Buyer To Purchase A Property In Kuala Lumpur Using Multistage Approach	2020	LY2020006005
21.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Result On Royalty Problem With Seven-Stage Piecewise Constant Function By Using The Combination Of Powell With Golden Section Search Method In Shooting Technique	2019	LY2019007742
22.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Sufahani-Ahmad-Powell-Golden-Royalty Algorithm (SAPGRA)	2019	LY2019007743
23.	<b>Suliadi Firdaus Sufahani</b> , Lam Wei Soon	Methodology On Diet Planning Model For Diabetes Patient	2019	LY2019007745
24.	<b>Suliadi Firdaus Sufahani</b> , Nurul Masitah Baharom	Questionnaire On the Satisfaction Index On Factors Affect Final Year Student To Buy Their First Car Among UTHM Students	2019	LY2019007747
25.	<b>Suliadi Firdaus Sufahani</b> , Opara Otuodi Chigozie	Result On Influence Of Maternal Age On Down Syndrome In Malaysia By Using Regression Analysis	2019	LY2019005546
26.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Sufahani-Ahmad-Newton-Golden-Royalty Algorithm (SANGRA)	2019	LY2019005544

27.	<b>Suliadi Firdaus Sufahani</b> , Pee Ling Kien	Methodology On Forecasting The Behaviour Of GDEX Stock Price By Using Stochastic Analysis Method	2019	LY2019005545
28.	<b>Suliadi Firdaus Sufahani</b> , Lee Hui Zhen	Result On Forecasting The Trend Of The Tea Production In Malaysia From The Year 2012 To 2017 By Using Holt's Linear Trend	2019	LY2019005547
29.	<b>Suliadi Firdaus Sufahani</b> , Chow Pei Sze	Result On Optimization Of Examination Timetable By Genetic Algorithm	2019	LY2019005548
30.	<b>Suliadi Firdaus Sufahani</b> , Lam Suk Jing	Result On The Trend Overnight Interest Rate In Malaysia By Using Augmented Dickey-Fuller Test	2019	LY2019005549
31.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Result On Royalty Problem With Three-Stage Piecewise Constant Function By Using The Combination Of Newton With Brent Method In Shooting Technique	2019	LY2019005540
32.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Result On Royalty Problem With Three-Stage Piecewise Constant Function By Using Combination Of Newton With Golden Section Search Method In Shooting Technique	2019	LY2019005542
33.	<b>Suliadi Firdaus Sufahani</b> , Wan Noor Afifah Wan Ahmad	Sufahani-Ahmad-Newton-Brent-Royalty Algorithm (SANBRA)	2019	LY2019005541
34.	<b>Suliadi Firdaus Sufahani</b> , Kwek Yan Ping	Result On Mathematical Modelling On Special Nutrient Boundary and Special Diet For Myopia Patient With 435 Type Of Food For 23 Years Old Female Patient Through Binary Programming	2019	LY2019002134
35.	<b>Suliadi Firdaus Sufahani</b> , Azila Md Sudin	Sufahani-Sudin-Tahfiz Algorithm (SSTA)	2019	LY2019000578
36.	<b>Suliadi Firdaus Sufahani</b> , Liew Su Hui	Sufani-BloodPressure-Liew Algorithm (SLBA)	2019	LY2019000579
37.	<b>Suliadi Firdaus Sufahani</b> , Azila Md Sudin	1 Week Result in Modeling Malaysian Tahfiz Primary School Menu Planning System With 426 Type of Food For Children Aged 7-12 Through Binary Programming	2019	LY2019000580
38.	<b>Suliadi Firdaus Sufahani</b> , Kwek Yan Ping	Sufahani-Myopia-Kwek Algorithm (SMKA)	2019	LY2019000583
39.	<b>Suliadi Firdaus Sufahani</b> , Azila Md Sudin	Malaysian Tahfiz Primary School Menu Planning System	2019	LY2019000584
40.	<b>Suliadi Firdaus Sufahani</b> , Kwek Yan Ping	1 week Result on Mathematical Modelling On Special Nutrient Boundary And Special Diet For Myopia Patient With 435 Type Of	2019	LY2019000585

		Food For 23 Years Old Female Patient Through Binary Programming		
41.	<b>Suliadi Firdaus Sufahani</b> , Azila Md Sudin	Result in Modeling Malaysian Tahfiz Primary School Menu Planning System With 426 Type of Food For Children Aged 7-12 Through Binary Programming	2019	LY2019000586
42.	<b>Suliadi Firdaus Sufahani</b> , Kwek Yan Ping	1 Week Result on Mathematical Modelling On Special Nutrient Boundary And Special Diet For Myopia Patient With 435 Type Of Food For 89 Years Old Male Patient Through Binary Programming	2019	LY2019000587
43.	<b>Suliadi Firdaus Sufahani</b> , Liew Su Hui	1 week Result on Menu Scheduling For High Blood Pressure Patient With Optimization Method With 413 Type Of Food For 54 Years Old Female Patient Through Binary Programming	2019	LY2019000588
44.	<b>Suliadi Firdaus Sufahani</b> , Liew Su Hui	1 Week Result on Menu Scheduling For High Blood Pressure Patient With Optimization Method With 413 Type Of Food For 82 Years Old Male Patient Through Binary Programming	2019	LY2019000589
45.	<b>Suliadi Firdaus Sufahani</b> , Low Zhen Sheng	Sufahani-Eczema-Low Algorithm (SELA)	2019	LY2019000590
46.	<b>Suliadi Firdaus Sufahani</b> , Low Zhen Sheng	1 Week Result On A Mathematical Modeling For Planning Nutritious Menu And Balance Nutrient Intake For Eczema Patient With 426 Type Of Food For 87 Years Old Female Patient Through Binary Programming	2019	LY2019000591
47.	<b>Suliadi Firdaus Sufahani</b> , Low Zhen Sheng	1 Week Result On A Mathematical Modeling For Planning Nutritious Menu And Balance Nutrient Intake For Eczema Patient With 426 Type Of Food For 23 Years Old Male Patient Through Binary Programming	2019	LY2019000592
48.	<b>Suliadi Firdaus Sufahani</b> , Ong Ai Lee	Sufahani-HealthyLife-Ong Algorithm (SHOA)	2019	LY2019000593
49.	<b>Suliadi Firdaus Sufahani</b>	Result in Modeling Malaysian Secondary School Menu Planning With 426 Type of Food For Children Aged 13-18 Through Binary Programming	2019	LY2019000594
50.	<b>Suliadi Firdaus Sufahani</b>	1 Week Result in Modeling Malaysian Secondary School Menu Planning With 426 Type of Food For Children	2019	LY2019000595

		Aged 13-18 Through Binary Programming		
51.	<b>Suliadi Firdaus Sufahani</b>	Result in Modeling Malaysian Secondary School Menu Planning With 426 Type of Food For Children Aged 13-18 Through Integer Programming	2019	LY2019000596
52.	<b>Suliadi Firdaus Sufahani</b>	Result in Modeling Malaysian Secondary School Menu Planning With 100 Type of Food For Children Aged 13-18 Through Integer Programming	2019	LY2019000597
53.	<b>Suliadi Firdaus Sufahani</b>	Result in Modeling Malaysian Secondary School Menu Planning With 426 Type of Food For Children Aged 13-18 Through Linear Programming	2019	LY2019000598
54.	<b>Suliadi Firdaus Sufahani</b>	Result in Modeling Malaysian Secondary School Menu Planning With 100 Type of Food For Children Aged 13-18 Through Linear Programming	2019	LY2019000599
55.	<b>Suliadi Firdaus Sufahani</b>	Delete Reshuffle Algorithm (DRA)	2018	LY2018001828
56.	<b>Suliadi Firdaus Sufahani</b>	Delete Reshuffle Re-Optimize Algorithm (DRRA)	2018	LY2018001829
57.	<b>Suliadi Firdaus Sufahani</b>	Malaysian Secondary School Menu Planning Programme	2018	LY2018001830
58.	<b>Suliadi Firdaus Sufahani, Zuhaimy Bin Ismail</b>	Sufahani-Ismail Algorithm (SIA)	2018	LY2018001831

## LECTURE MODULES

No	Authors / Title	Publisher	Level	Year
1	MOOC Video: Postgraduate Research Methodology (Phase 2)	UTHM	National	2019
2	Maria Elena bt Nor, Mohd Saifullah bin Rusiman, <b>Suliadi Firdaus bin Sufahani</b> , Rohayu bte Mohd Salleh, Norhaidah bte Mohd Asrah, Sabariah bte Saharan, Hamizah bte Mohd Safuan BWB 32003 Industrial Reliability Module, UTHM	UTHM	National	2018
3	Azme Khamis, Siti Noor Asyikin Mohd Razali, Mohd Saifullah Rusiman, <b>Suliadi Firdaus Sufahani</b> Probability Distribution And Probability Sensities, Engineering Statistics, Pearson, 1, ISBN:978-967-349-415-6	PEARSON	National	2014

## TECHNICAL PAPERS

No	Authors / Title	Role	Level	Year
1	Norafiz Maselan, Maselan Ali, <b>Suliadi Firdaus Sufahani</b> The Expectation Requirement Prospective In Fulfill Industries Needs In Technical Skills Among Vocational Students (Tvet)., THE COLLOQUIUM, Universiti Teknologi Malaysia, 11, 4, ISSN:25903969	First Author UTHM	National	2017
2	Norafiz maSselan, Maselan Ali, <b>Suliadi Firdaus Sufahani</b> , Muhammad Fadhil Marsani Implication Of Conceptual Framework Using Business Information System Technology Based On Understanding Engineering Student, UNIVERSITI TEKNOLOGI MALAYSIA , 31, ISBN:25903969	First Author UTHM	National	2017

## POSTER FOR CONFERENCE AND INNOVATION COMPETITIONS

No	Title	Conference	Year
1.	A Probit Regression in Identifying Risk Factors of Cervical Cancer in Private Hospital	Virtual International Research & Innovation Symposium & Exposition (RISE2020)	2020
2.	Analyze Scheduling Problem of Operation Theater in General Hospital Using Integer Linear Programming Method		
3.	Improvement of Queuing Management System for Public Hospital in Johor, Malaysia		
4.	Menu Scheduling For Breast Cancer Patients With Computerized Integer Programming Methods		
5.	New Fundamental Theory In Solving The Royalty Payment Problem With Sufahani-Ahmad-Powell-Golden-Royalty Algorithm		
6.	Nutrient Planning For Heart Problem (Stroke) Patients By Using Optimization Technique		
7.	New Sufahani-Ahmad-Newton-Golden-Royalty Algorithm In Solving The Royalty Payment Problem		
8.	Optimization Approach on Nutritious Manual Planning for Sinusitis Patient Among Malaysian		
9.	Sunnah Food Menu Planning System For Tahfiz School Children (Improve Good Memory)		
10.	Malaysian Secondary Boarding School Menu Planning System With Post-Optimality Process		
11.	Vegetarian Menu Planning and Scheduling For Breast Cancer Patients In Malaysia Using Optimization Approaches		
12.	AI Monitoring System A Safety Assurance for Employee		
13.	Beg Metode Mataku 20/20	Citra Pendidik 2020: Pertandingan Horizon Inovasi, KIK &	

		Showcase Amalan Terbaik	
14.	Malaysian Secondary School Menu Planning System	2020 Bangkok International Intellectual Property, Invention & Technology Exposition (IPITEx 2020)	
15.	Nutritious Menu System For Malaysian Tahfiz Primary School Children (Improve Good Memory)		
16.	New Fundamental Theory In Solving The Royalty Payment Problem	Virtual Research & Innovation Exhibition UniMAP (e-REKA 2020)	
17.	Nutritious Menu System For Malaysian Tahfiz Primary School Children (Improve Good Memory)		
18.	Malaysian Secondary Boarding School Menu Planning System		
19.	Beg Metode Mataku 20/20	International Competition For Educational Innovation & Research (EDUINNOVATION 2020)	
20.	Malaysian Secondary Boarding School Menu Planning System	eCarnival Research & Innovation (eCRI2020)	
21.	Beg Metode Mataku 20/20		
22.	New Fundamental Theory In Solving The Royalty Problem		
23.	New Fundamental Theory in Solving the Royalty Problem	Sabah International Virtual Innovation & Invention Competition (SIVIIC 2019)	
24.	New Fundamental Theory In Solving Royalty Payment Problem	International Summit On Innovation & Design Exposition (InSIDE2020)	
25.	Malaysian Secondary Boarding School Menu Planning System	Virtual Expo Of Innovation Products & System Design (ViDE2020)	
26.	New Fundamental Theory In Solving The Royalty Payment Problem		
27.	Malaysian Secondary Boarding School Menu Planning System	Asia International Innovation Exhibition 2020 (AIINEX2020)	
28.	New Fundamental Theory In Solving The Royalty Problem		
29.	New Fundamental Theory In Solving The Royalty Problem	9 <sup>th</sup> International Innovation, Invention & Design Virtual Competition (INDES2020)	
30.	Nutritious Menu System For Malaysian Tahfiz Primary School Children (Improve Good Memory)	International Innovation	

31.	Malaysian Secondary Boarding School Menu Planning System	Competition 2020 (INNOCOM2020)	
32.	Nutritious Planning and Scheduling For Breast Cancer Patient With Optimization Methods		
33.	New Fundamental Theory In Solving The Royalty Problem		
34.	A Fundamental Mathematical Model With Sufahani-Ismail Algorithm for Malnutrition Malaysian Tahfiz Primary School Children Aged 7-12	Innovation & Creativity Network	
35.	Malaysian Secondary School Menu Planning Programme		
36.	Menu Scheduling for High Blood Pressure Patient With Optimization Method through Integer Programming		
37.	New Fundamental Theory in Solving Royalty Problem	FAST Postgraduate Symposium	
38.	Malaysian Secondary School Menu Planning Programme in Educational Development	Malaysia Technology Expo (MTE2019)	
39.	Malaysian Secondary School Menu Planning System	21 <sup>st</sup> Industrial Art and Technology Exhibition (INATEX 2019)	
40.	Malaysian Secondary School Menu Planning System	International Innovation & Invention Challenge Via Exhibition	
41.	Forecasting on Tea Production in Malaysia By Using ARIMA Model and Holt's Linear Trend Method	International Research & Innovation Symposium & Exposition (RISE2019)	2019
42.	Optimization of Examination Timetable by Genetic Algorithm		
43.	Factors That Affect Student's Intention on Car Purchasing		
44.	Influence of Maternal Age on the Occurrence of Down Syndrome in Malaysia		
45.	Additive Programming for Modelling Malaysia Primary School Diet Problem: Autism Children		
46.	Forecasting the Malaysia Interest Rate By Using ARIMA and Double Exponential Smoothing		
47.	Forecast the GD Express Carrier Stock Prices Trend By Using Stochastic Analysis Method		
48.	Menu Scheduling For High Blood Pressure Patient With Optimization Method		
49.	Decision Making Process On Planning A Balanced and Nutritious Diet For Autism Paralympic Athlete (100 Meters Sprinter Age 13-18)		
50.	Optimization of Diet Planning Model for Diabetes Patient Through Integer Programming		
51.	Nutritious Planning and Scheduling For Breast Cancer Patient With Optimization Methods		
52.	Nutritious Menu System For Malaysian Tahfiz Primary School Children		



53.	New Fundamental Theory Through Modified Shooting Method With Piecewise Function in Solving the Royalty Payment Problem		
54.	Mathematical Modelling For Planning Nutritious Menu Among Secondary School Students With Eczema		
55.	New Fundamental Theory Through Modified Shooting Method With Piecewise Function In Solving The Royalty Problem	National Innovation & Invention Competition (NIICe2019)	
56.	Malaysian Secondary School Menu Planning Programme (With Sufahani-Ismail Algorithm)	Research and Innovation Exhibition UniMAP (e-REKA)	
57.	Malaysian Secondary School Menu Planning Programme (With Sufahani-Ismail Algorithm)	Selangor Innovation & Creativity Exposition (SLICE18)	
58.	Optimize Class Timetabling By Using Genetic Algorithm Technique for Faculty of Applied Sciences and Technology, UTHM First Year Student		
59.	Menu Scheduling for High Blood Pressure Patient With Optimization Method Through Integer Programming		
60.	Special Healthcare on Nutrient Boundary and Diet for Myopia Patients Through Mathematical Modelling		
61.	Development of Colour Algorithm Indicator Stock Price System (CAISPS) for the Prediction of Stock Market		
62.	Educational Evaluation Of Malaysian Secondary School Menu Planning Programme		
63.	A Fundamental Mathematical Model With Sufahani-Ismail Algorithms For Malnutrition Malaysian Tahfiz Primary School Children Aged 7-12	International Research & Innovation Symposium & Exposition (RISE2018)	
64.	Malaysian Secondary School Menu Planning Programme (With Sufahani-Ismail Algorithm)		2018
65.	Satisfaction Index on Factors That Affect Healthy Lifestyle Among University Students		
66.	Data Mining Technique in Precious Metal Price Forecasting		
67.	Modified Shooting Method in Solving Royalty Payment With Piecewise Allocation		
68.	Binary Programming Algorithm in Modelling Malaysian Secondary Boarding School Menu Planning		
69.	Malaysian Secondary School Menu Planning Programme	Innovative Research, Invention & Application Exhibition (I-RIA 2018)	
70.	Binary Programming Algorithm In Modelling The Malaysian Secondary School Menu Planning	Anugerah Harta Inteltek Negara	
71.	Binary Programming Algorithm in Modelling Malaysian Secondary School Menu Planning	29 <sup>th</sup> International Invention, Innovation & Technology Exhibition (ITEX2018)	

72.	Malaysian Secondary Menu Planning Programme	Seoul International Invention Fair (SIIF2018)	2017
73.	A Zero-One Modelling for Planning 6 Nutritious Meals Per Day for Boarding School Children	Venus International Foundation	
74.	Binary Programming Algorithm in Modelling Malaysian Secondary School Menu Planning	Research & Innovation Festival (R & I FEST 2017)	
75.	Binary Programming Algorithm in Modelling Malaysian Secondary School Menu Planning		
76.	Mathematical Modeling for Planning Nutritious Menu and Balance Nutrient Intake for Eczema Patient		

## CONSULTATIONS

### CONSULTATION WITH REWARDS

No	Name / Title	Role	Reward/ Award	Year
1	Smart Fabric Nano Malaysia Berhad	Consultant	RM200000.00	2020
2	Develop a Malaysia Country Report for ASEAN study on Human Resources Development (HRD) Readiness	Consultant	RM38000.00	2020

### CONSULTATION WITH AWARDS

No	Name / Title	Role	Reward/ Award	Year
1	Virtual International Research and Innovation Symposium and Exposition (RISE) 2020	Researcher	5 Golds, 4 Silvers, 2 Bronzes	2020
2	Virtual Expo of Innovation Product and System Design (ViDE) 2020	Researcher	Vice Chancellor Award, RMC@ Unimap Award, 2 Golds	2020
3	eCarnival Research and Innovation (eCRI) 2020 + (collaboration with SK Seri Gading, Batu Pahat – 1 Best Award, 1 Gold)	Researcher / Consultant	2 Best Awards, 3 Golds, 1 Silver	2020
4	International Competition For Educational Innovation and Research (EDUINNOVATON) 20 (collaboration with SK Seri Gading, Batu Pahat)	Consultant	Gold	2020
5	Asia International Innovation Exhibition (AIINEX) 2020	Researcher	Grand Prize, 2 golds	2020
6	International Innovation, Invention and Design Virtual Competition (INDES) 2020	Researcher	Best Invention Award, Gold	2020

7	Virtual Research and Innovation Exhibition UNIMAP (EREKA) 2020	Researcher	3 Golds	2020
8	International Innovation Competition (INNOCOM) 2020	Researcher	Best Extended Abstract Award, 4 Best Virtual Presentation Awards, 4 Double Golds Awards, 4 Golds	2020
9	International Summit on Innovation & Design Exposition (INSIDE) 2020	Researcher	Platinum Award	2020
10	Sabah International Virtual Innovation & Invention Competition (SIVIIC) 2020	Researcher	Silver	2020
11	Bangkok International Intellectual Property, Invention, Innovation and Technology Expo (IPITEX) 2020	Researcher	2 Special Award (USA & Saudi Arabia, 2 Golds	2020
12	Citra Pendidik 2020 (collaboration with SK Seri Gading, Batu Pahat)	Consultant	Gold	2020
13	International Creative and Innovative Product Exhibition (ICrIPE) 2020 (collaboration with SK Seri Gading, Batu Pahat)	Consultant	Gold	2020
14	National Innovation & Invention Competition (NIICE) 2019	Researcher	Gold	2019
15	Industrial Art and Technology Exhibition (INATEX) 2019	Researcher	Winner, Gold	2019
16	International Innovation and Invention Challenge Via Exhibition (Intelligent) 2019	Researcher	Platinum Award, Best Product Award, Gold	2019
17	Virtual International Research and Innovation Symposium and Exposition (RISE) 2019	Researcher	4 Golds, 5 Silvers, Bronze	2019
18	International Thailand-Indonesia-Malaysia Symposium on Innovation and Creativity 2019	Researcher	2 Golds, Silver	2019
19	Malaysia Technology Expo (MTE) 2019	Researcher	Gold	2019
20	Persatuan Sains Matematik Malaysia (PERSAMA) 2019	Researcher	Anugerah Sanjungan	2019
21	Virtual Research and Innovation Exhibition UNIMAP (EREKA) 2019	Researcher	2 <sup>nd</sup> Best Award, Gold	2018
22	Seoul International Invention Fair (SIIF) 2018	Researcher	Gold	2018
23	Selangor Innovation & Creativity Exposition (SLICE) 2018	Researcher	Best Product Award, Gold	2018
24	Virtual International Research and Innovation Symposium and Exposition (RISE) 2018	Researcher	3 Golds, 4 Bronzes	2018

25	Anugerah Harta Intelek Negara (AHIN) 2018 (Hakcipta)	Researcher	Bronze, RM5000.00	2018
26	Venus International Foundation	Researcher	Young Scientist Award (Applied Mathematics)	2018
27	International Invention, Innovation & Technology Exhibition (ITEX) 2018	Researcher	Gold	2018
28	Innovative Research, Invention and Application Expo (I-RIA) 2018	Researcher	Gold	2018
29	Research & Innovation Festival (R&I) 2017	Researcher	Silver, Bronze	2017
30	1 <sup>st</sup> Graduate Research Exhibition Competition (GREx COM) 2017	Researcher	Gold	2017
31	International Science Postgraduate Conference 2016	Researcher	Best Presenter	2016
32	Talent Management Symposium (TMS) 2011	Researcher	Best Paper Award	2011

#### **JOURNAL (EDITORIAL BOARD)**

No	Journal	Level	Duration / Year
1	Journal of Science and Technology	National	2019-2020
2	International Journal of Soft Computing and Metaheuristic	International	2018-Present

#### **REVIEWER JOURNAL (INTERNATIONAL LEVEL)**

No	Journal	Year
1	Microbiology Research Journal International	2020
2	Forecasting Yearly Inflation Rate Using Box-Jenkins Modeling Engineering Report	2020
3	Periodic Prediction of Monthly Demand for Coalbed Methane in Mining Areas Based on SARIMA and Holt-Winters Models Mathematical Problems in Engineering	2020
4	Implementation of Decision Tree for Making Decision of Claim Product From Steel Production Journal of System Engineering and Information Technology	2020
5	Implementation of Object Counting and Yolo Object Detection Methods for Identification of Degree of Road Saturation (Case Example on Sudirman General Road, Jakarta) Journal of System Engineering and Information Technology	2020
6	Implementasi Algoritma Analytic Network Process (ANP) Pada Sistem e-Lowker Journal of System Engineering and Information Technology	2020
7	Multiple Linear Regression Clustering Model Hybrid With Support Vector Machine for Colorectal Cancer Tumor Size Prediction International Journal of Engineering and Technology	2019

8	Closed-Form Solution of Optimal Control Problem of a Fractional Order System Journal of King Saud University - Science	2018
9	Model Checking Based Approach for Compliance Checking Information Technology and Control	2018
10	A New Hybrid Genetic Algorithm for the Grey Pattern Quadratic Assignment Problem Information Technology and Control	2018
11	Managing Diminishing Resources Using Lean Practices in Rural Hospitals Mental Health Admission Processes Innovative Journal of Medical and Health Science	2018
12	Multi-Criteria Group Decision-Making Based On Hesitant Fuzzy Linguistic Term Sets To Evaluate Investment Alternatives Journal of the Operational Research Society	2018
13	On the General Solution of 2th Order Linear Differential Equation Borneo Science Journal	2017
14	Minmax Common Due-Window Assignment and Scheduling on a Single Machine With Two Competing Agents Journal of the Operational Research Society	2017
15	Demonstrating Johnson's Algorithm Via Resource-Constrained Scheduling Journal of the Operational Research Society	2016
16	Application and Comparison of Intelligent Algorithms To Solve the Fractional Heat Conduction Inverse Problem Information Technology and Control	2016
17	On the Design of a Wind Farm Collection Network When Several Cable Types Are Available Journal of the Operational research Society	2015

#### **REVIEWER JOURNAL (NATIONAL LEVEL)**

No	Journal	Year
1	Sub-Group Quadratic Assignment Problem Journal of Information and Communication Technology	2020
2	A Review on Recent Sentiment Analysis Methods and Applications Journal of Science and Technology	2020
3	Journal of Science and Technology	2017

#### **REVIEWER PROCEEDING (INTERNATIONAL LEVEL)**

No	Proceeding	Year
1	STEAM Education: An Innovative Approach in Teaching Mathematics Comprehensively Journal of Physic: Conference Series Konferensi Nasional (Indonesia) Penelitian Matematika dan Pembelajarannya V	2020
2	AI Adoption in the Printing Industry: An FVM Perspective Global Research Conference (GraCe) 2020	2020
3	Effect of Weight Training With Compound Set Method on Strength and Endurance Among Uny Archery Athletes	2020

	Global Research Conference (GraCe) 2020	
4	Exploring the Relationship Between Self-Efficacy and Mathematics Performance in Integral Calculus Among Applied Science University Students International Join Conference (IJC) 2019	2019
5	Bivariate Zero Inflated Poisson Regression Modelling (Case Study: Number of PB Leprosy and MB Leprosy Cases in North Sumatera Province) 7 <sup>th</sup> International Conference and Workshop on Basic and Applied Sciences 2019	2019
6	Exploring the Importance of Players' Performance on Serve and Return of Serve in Winning the Women's Singles Grand Slam Tennis Tournaments International Conference on Mathematics, Statistics and Computing Technology 2019	2019
7	Exploring the Relationship Between Self-Efficacy and Mathematics Performance in Integral Calculus Among Applied Science University Students International Conference on Mathematics, Statistics and Computing Technology 2019	2019
8	Clustering for Items Distribution Network International Conference on Mathematics, Statistics and Computing Technology 2019	2019
9	Conference on Fundamental and Applied Science for Advanced Technology 2019	2019
10	Characteristic Analysis of Eczema Treated By TCM 3 <sup>rd</sup> International Conference on Biological Information and Biomedical Engineering	2019
11	International MAAC Symposium 2019	2019
12	An Optimization Model of Parking Capacity for Triangular Parking Area Journal of Information and Communication Technology 5 <sup>th</sup> International Conference on Quantitative Sciences and Its Application	2018
13	Analysis the Utilization Rate of Container Yard in Port of Ambon International Conference on Civil and Environmental Engineering for Sustainability	2017
14	Multilevel Joint Competing Risk Models 1 <sup>st</sup> International Conference on Applied and Industrial Mathematics and Statistics	2017
15	Generating Rainfall Amount Using Multivariate Skew-t Copula 1 <sup>st</sup> International Conference on Applied and Industrial Mathematics and Statistics	2017
16	Modelling Associated Risk Factors of Systemic Lupus Erythematosus (SLE) Disease Activity International Joint Conference (IJC) 2017	2017
17	Determinants of Career Decision Making Among Undergraduates: A Case Study in UiTM Cawangan Kelantan International Joint Conference (IJC) 2017	2017
18	Evaluation of the Principal Component Methods in Forecasting Malaysia Mortality International Joint Conference (IJC) 2017	2017
19	Simple Splicing System Over Permutation Groups International Joint Conference (IJC) 2017	2017
20	The Efficiency of Collaborative Teaching Calculus I International Conference on Science and Social Research	2017

**REVIEWER PROCEEDING (NATIONAL LEVEL)**

No	Proceeding	Year
1	Student Evaluation Towards Educator Performance for Technical College in Malaysia International Conference on the Application of Science and Mathematic	2020
2	Proximity Matrix Analysis for A Study on the Impact of Tourism Activity on the Economic of Vendors at Bukit Maras, Terengganu, Malaysia International Conference on the Application of Science and Mathematic	2020
3	Traffic Accident Correlation With Education and Tourism Based On BPS-Statistics Data Using Pearson Correlation: Case Study in Indonesia International Conference on the Application of Science and Mathematic	2020
4	Handling Missing Data in a Continuous Frequency Table International Conference on the Application of Science and Mathematic	2020
5	An Application for Analysis and Design of Pad Foundation Using Visual Basic Program International Journal of Integrated Engineering	2020
6	Mathematical Model of the Heart Rate International Conference on the Application of Science and Mathematic	2019
7	Movement of Fluid Inside the Sphere International Conference on the Application of Science and Mathematics 2018	2018
8	Android Based Mathematical e-Book Design International Conference on the Application of Science and Mathematics 2018	2018
9	Implementation of Resonant and Passive Lossless Snubber Circuits for DC-DC Boost Converter International Conference on the Application of Science and Mathematics 2018	2018
10	Malaysia Tourism Demand Forecasting Using Box-Jenkins Approach International Conference on the Application of Science and Mathematics 2018	2018
11	Comparing Singular Spectrum Analysis and Seasonal Autoregressive Integrated Moving Average for Forecasting Seasonal Data International Seminar on Mathematics in Industry and International Conference on Theoretical and Applied Statistics	2018
12	Analysis Monthly Import of Palm Oil Products Using Box-Jenkins Model International Seminar on Mathematics and Physics in Science and Technology	2017

**THESIS EXAMINERS (BACHELOR)**

No.	Name/ Title	Session	FYP
1.	Che Normelissa Binti Mohd Zainudin Application of Autoregressive Model Forstock Market Volatility of Non-Trading Day's.	20202021	II
2.	Lee Wan Qi Preference Maximization for Operator Staff Scheduling Using Artificial Intelligence (AI) Approach		
3.	Lim Jing Shi Simulation of Queuing System to Improve Customers Service Performance		
4.	Norsyafiqah Binti Mohd Yatim		

	Analysis of Academic Performance of Students by using CART Approach		
5.	Nuraddilla Binti Zainal Abidin Analysis of Student Examination Result using Association Rule Mining		
6.	Pang Cui En Optimizing Daily Shift Preference for Hotel Employee using Integer Programming Approach		
7.	Pang Xiao Qian Optimizing Workforce Scheduling Using Integer Programming Approach		
8.	Set Li Ying Application Of Mean Absolute Deviation Portfolio Optimization And Linear Programming Technique For Malaysia Stock Market		
9.	Tan Sia Chee Maximization Of Profit In A Furniture Company Using Linear Programming Approach		
10.	Che Normelissa Binti Mohd Zainudin Application Of Autoregressive Model For Stock Market Volatility For Non-Trading Days		
11.	Lee Wan Qi Preference Maximization For Operator Staff Scheduling Using Artificial Intelligence (AI) Approach		
12.	Lim Jing Shi Simulation Of Queuing System To Improve Customers Service Performance		
13.	Norsyafiqah Binti Mohd Yatim Analysis Of Road Traffic Accidents In Muar By Using Data Mining Techniques		
14.	Nuraddilla Binti Zainal Abidin Analysis Of Traffic Accident Causes By Using Classification Analysis	20192020	I
15.	Pang Cui En Daily Shift Preference Optimization For Hotel Employee Using Integer Programming Approach		
16.	Pang Xiao Qian Optimization For Multiple Department Of Workforce Scheduling Using Integer Programming Approach		
17.	Set Li Ying Application Of Mean Absolute Deviation Portfolio Optimization And Linear Programming Technique For Malaysia Stock Market		
18.	Tan Sia Chee Maximization Of Profit In A Furniture Company Using Linear Programming Approach		
19.	Chai Wei Wei Fault Diagnosis Of Water Pump In Panchor 1 Water Treatment Plant Through Clustering Analysis		
20.	Cham Soo Jun Parametric Method Of Logistics Regression Model On Heart Failure Data	20192020	II
21.	Hiong King Lee Coca-Cola Stock Price Forecasting Using Hybrid ARIMA And Support Vector Machine		



22.	Norsyahirah Binti Md Jani Forecasting Of Water Quality In Panchor Water Treatment Plant		
23.	Nur Najiha Binti Abd Rasid Prediction Of Features For Breast Cancer Using Binary Logistic Regression		
24.	Nursuraya Shazlin Binti Sujairi Ant Colony Optimization For Shortest Path In Traveling Salesman Problem		
25.	Nurul Najwa Binti Mohd Sapeae Modelling Shariah Market At Bursa Malaysia Using Exponential Smoothing And Box-Jenkins Method		
26.	Tay Li Xin Time Series Forecasting Of Malaysia Producer Price Index (PPI) Using ARIMA Approach		
27.	Amirah Atikah Binti Rosidi Calendar Effect Of Electricity Consumption In Malaysia: A Geometric Brownian Motion Viewpoint		
28.	Conny Lau Siew Jin Survival Rate Of Patients With Coronary Artery Diseases By Weibull Distribution	20182019	I
29.	Mazwin Arleena Binti Masngut Comparison Of Daily Rainfall Forecasting Using Multilayer Perceptron Neural Network Model		
30.	Nooraisyah Aina Binti Baharim Hydraulic Analysis And Cost Optimization Of Water Supply Network		
31.	Nur Afifah Binti Nasir Public Opinion Survey On High Speed Rail Among Pagoh Residents		
32.	Nurul Syafinaz Binti Zainudin Prediction Of Different Type Of Gestational Diabetes Mellitus Patients Using Fisher Linear Discriminant Function		
33.	Wang Kang Soon Effects Of Multiple Imputation On Least Absolute Shrinkage And Selection Operator (LASSO) Regression In Prediction Of Children's Weight		
34.	Gan Pei Yee Clustering Analysis And Multiple Linear Regression Model On Household Income In Malaysia	20182019	II
35.	Nur Balqis Binti Mohd.Zaini A Study On Characteristics In Choosing Programme In UTHM Pagoh		
36.	Nurul Atiqah Binti Zainal Bayesian Linear Regression Analysis Of Salary Discrimination Data		
37.	Seah Yee Cheng The Reliability Of Generalized Variance Control Charts For Multivariate Process Variability		
38.	Sit Wei Kwan The Effect Of Data Transformation On Forecasting Performance		
39.	Siti Khuzaimah Binti Johan Students Opinion Towards Cashless Society In Malaysia At Pagoh Education Hub		

40.	Tharinee Sisuwan A/P Lamai Genetic Algorithm On Hospital's Operating Room Scheduling				
41.	Wee Huai Chen Genetic Algorithm On Retail Staff Scheduling				
42.	Yeo Jia Hui Genetic Algorithm In Container Storage Problem				
43.	Lee Jo Xian Oil Price Forecasting Using Hybrid Support Vector Machine	20172018	II		
44.	Leng Wei Khee Time Series Forecasting On Unemployment Rate In Singapore				
45.	Nasuha Binti Fauzi Modelling On Fertility Rate In Malaysia Using Regression Analysis				
46.	Ng Jie Ying Modelling The Air Pollutant Index (API) In Northern Areas Of Malaysia				
47.	Phang Hou Yee A Hybrid Model Of Artificial Neural Network And Genetic Algorithm In Forecasting Gold Price (USD)				
48.	Sathwinee A/P Bataraja Deseasonalization Of Non-Stationary Time Series Data				
49.	Siti Jamilah Binti Shaari Alamin A Study Of Demographic Patient Suffered Colon Cancer And Its Mortality Rate In Malaysia				
50.	Sya Sya Syahira Binti Muhammad Fitri Avtar Interaction Effects On Prediction Of Children's Weight At School Entry				
51.	Ang Shin Yin Solving Security Staff Scheduling Problem Using Integer Linear Programming Approach			20162017	I
52.	Asran Nazimi Bin Atan Modelling And Forecast Malaysian Customer Price Index				
53.	Bok Cang Yeong Waiting Line Model In Construction Site				
54.	Goh Jun Yong A Study Of HIV-Infected Among Diabetes Patients: Logistics Regression				
55.	Lai Jing Jong The Combination Of Autoregressive Integrated Moving Average (ARIMA) And Support Vectors Machines (SVM) For Daily Rubber Price Forecasting				
56.	Lee Yiaow Sam Implementation Of Model Averaging With Interaction Variables				
57.	Nooramiza Binti Zulkifli A Student Opinion Survey (NEWS) On Universiti Tun Hussein Onn Malaysia Lecturers Teaching Styles				
58.	Nur Zurahimah Binti Ramli The Use Of Outliers And Influential Analysis For Manufacturing Income Data In Malaysia				
59.	Pung Yee Ting Effects Of Attitudes And Behaviours On Academic Performance: An Evidence From A Minimum Spanning Tree				

**THESIS EXAMINERS (MASTER)**

No	Name / Title	Level	University	Year
1	Ang Shin Yin Solving Security Staff Scheduling By Using Genetic Algorithm	Pre Viva	FAST, UTHM	2020
2	Nejoud Najeeb Momani General Fuzzy Automata Based on GL-Monoid	Project Master 2	FAST, UTHM	2020
3	Ali Abdulkhaleq Kadhim The Subtractive Regular Ideals on Ternary Semiring Theory	Project Master 2	FAST, UTHM	2020
4	Nur Syazwani Aqilah Binti Mohamad Aris Comparative Study of Purchasing Import and Local Car Models in Malaysia By Using Analytic Hierarchy Process (AHP)	Proposal Defense	FAST, UTHM	2020
5	Sya Sya Syahira Binti Muhammad Fitri Avtar An EM Algorithm Approach on Interaction Effects of Model Selection And Model Averaging in the Presence of Missing Data	Proposal Defense	FAST, UTHM	2018
6	Nur Azreen Binti Abdul Razak A Multivariate Time Series Modelling to Forecast Economic Growth in Malaysia	Pre Viva	FAST, UTHM	2017
7	Nurul Asmaa Izzati Mohamad A Hybrid Approach in Tourism Demand Forecasting	Master Project 2	FAST, UTHM	2017

**THESIS EXAMINERS (PHD)**

No	Name / Title	Level	University	Year
1	Ahmad Fauzi Bin Raffee Time Series Analysis for Short Term Prediction of Pm10 And Surface Layer Ozone (O3) In Malaysia	Pre Viva	FKAAB, UTHM	2020
2	Nur Izzah Binti Jamil Spatio Temporal Approach For Dengue Models Based On Generalized Additive Mixed Model	Proposal Defense	FAST, UTHM	2020
3	Shazana Binti Hashim Trend Visualization and Time Series Forecasting For Dengue Incidence: A Case Study in Selangor, Malaysia	Proposal Defense	FAST, UTHM	2020
4	Sujatha Ravinarayanabbhat Effective of Sustainability Reporting By Commercial Organization Across The GCC	Proposal Defense	FAST, UTHM	2019
5	Ahmad Fauzi Bin Raffee Time Series Analysis for Short Term Prediction of Pm10 And Surface Layer Ozone (O3) In Malaysia	Research Progress 2	FKAAB, UTHM	2018
6	Ahmad Fauzi Bin Raffee Time Series Analysis for Short Term Prediction of Pm10 And Surface Layer Ozone (O3) In Malaysia	Research Progress 1	FKAAB, UTHM	2018
7	Ahmad Fauzi Bin Raffee	Proposal Defense	FKAAB, UTHM2	2017

	Long-Term Prediction of PM and AM Concentrations in Malaysia Using Two-Parameter and Three-Parameter Central Fitting Probability Distribution			
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#### **EXTERNAL EVALUATOR / EXAMINER / ASSESSOR FOR ACADEMIC PROGRAM**

<b>No</b>	<b>Description</b>	<b>Role</b>	<b>Level</b>	<b>Year</b>
1	Pembangunan Soalan Ujian Aptitud Penilaian APEL (A) Tahap 3 (Sijil)	Panel	University	2020
2	Matriculation Examination (Accounting Mathematics QA016)	Examiner	National	November 2015
3	Matriculation Examination (Mathematics QS025)	Examiner	National	July 2015
4	Matriculation Examination (Accounting Mathematics QA026)	Assessor	National	Jun 2015
5	Matriculation Examination (Accounting Mathematics QA026)	Examiner	National	March 2015
6	Matriculation Examination (Accounting Mathematics QS016)	Assessor	National	February 2015
7	Matriculation Examination (Accounting Mathematics QA026)	Examiner	National	April 2014
8	Matriculation Examination (Mathematics QS015)	Examiner	National	October 2013
9	Matriculation Examination (Accounting Mathematics QS015)	Examiner	National	April 2013

#### **VISITING LECTURER / CONSULTANT**

<b>No</b>	<b>University</b>	<b>Role</b>	<b>Country</b>	<b>Year</b>
1	Universitas Ahmad Dahlan	Visiting Lecturer	Indonesia	2019
2	Universitas Muhammadiyah	Consultant	Malaysia / Indonesia	2019
3	Universiti Teknologi Brunei	Visiting Lecturer	Brunei	2018
4	Universitas Ahmad Dahlan	Visiting Lecturer	Indonesia	2017

#### **ACTIVITIES IN ACADEMIC PROFESSIONAL BODIES**

<b>No</b>	<b>Description</b>	<b>Body</b>	<b>Role</b>	<b>Year</b>
1	MITRANTS-MSORSM Webinar Series I	MSORSM	Participant	2020
2	Bangkok International Intellectual Property, Invention, Innovation and Technology Exhibition 2020 – Competing 2 Products	MINDS	Participant	2020
3	Majlis Anugerah Persatuan Sains Matematik Malaysia	PERSAMA	Award Recipient	2019

4	International Innovation and Invention Challenge Via Exhibition (with conjunction of Academia Day of Malaysia)	MAAC	Organizing Committee	2019
5	A Study of Correlation Between Down Syndrome and Parental Age in Negeri Sembilan	Jabatan Kebajikan Masyarakat	Researcher	2018
6	Program Persediaan Ijazah	K-UTEC Edu Sdn Bhd	Consultant	2015

## CONFERENCE

### KEYNOTE SPEAKER INTERNATIONAL

No	Conference	Role	Country	Year
1.	International Virtual Conference	Keynote	India	2020
2.	Impact Of COVID-19 On Education System International Conference	Keynote	Indonesia	2020
3.	Writing and Publishing A Scientific Journal Paper Workshop	Keynote	Indonesia/ Malaysia	2019
4.	How To Write Good Paper For International Journal	Keynote	Indonesia	2019
5.	Application Of Mathematics and Operational Research	Keynote	Indonesia	2019
6.	Operation Research and Real Life Applications	Keynote	Indonesia	2017

### NATIONAL CONFERENCES AND INNOVATION PRESENTATION

No	Title	Conference	Year
1	A Probit Regression In Identifying Risk Factors Of Cervical Cancer In Private Hospital	Virtual International Research & Innovation Symposium & Exposition 2020 (RISE2020)	2020
2	Analyze Scheduling Problem Of Operation Theater In General Hospital Using Integer Linear Programming Method		
3	Improvement Of Queuing Management System For Public Hospital In Johor, Malaysia		
4	Menu Scheduling For Breast Cancer Patients With Computerized Integer Programming Methods		
5	New Fundamental Theory In Solving The Royalty Payment Problem With Sufahani-Ahmad-Powell-Golden-Royalty Algorithm		
6	Nutrient Planning For Heart Problem (Stroke) Patients By Using Optimization Technique		
7	New Sufahani-Ahmad-Newton-Golden-Royalty Algorithm In Solving The Royalty Payment Problem		
8	Optimization Approach On Nutritious Manual Planning For Sinusitis Patient Among Malaysian		

9	Sunnah Food Menu Planning System For Tahfiz School Children (Improve Good Memory)		
10	Malaysian Secondary Boarding School Menu Planning System With Post-Optimality Process		
11	Vegetarian Menu Planning and Scheduling For Breast Cancer Patients In Malaysia Using Optimization Approaches		
12	New Fundamental Theory In Solving The Royalty Payment Problem	Virtual Research & Innovation Exhibition UniMAP (e-REKA 2020)	2020
13	Nutritious Menu System For Malaysian Tahfiz Primary School Children (Improve Good Memory)		
14	Malaysian Secondary Boarding School Menu Planning System		
15	Malaysian Secondary Boarding School Menu Planning System	eCarnival Research & Innovation 2020 (eCRI2020)	2020
16	Beg Metode Matak 20/20		
17	An Innovative Hajj Digital Game		
18	New Fundamental Theory In Solving The Royalty Payment Problem		
19	Malaysian Secondary Boarding School Menu Planning System	Virtual Expo Of Innovation Products & System Design 2020 (ViDE2020)	2020
20	New Fundamental Theory In Solving The Royalty Payment Problem		
21	Nutritious Menu System For Malaysian Tahfiz Primary School Children	Malaysia Technology Expo 2020 (MTE2020) ICC UTHM	2020
22	Menu Scheduling For High Blood Pressure Patient With Optimization Method	International Invention, Innovation & Technology Exhibition 2020 (ITEX2020) ICC UTHM	2020
23	Malaysian Secondary School Menu Planning System	Program Mini Business Accelerator @ R2G MTDC	2019
24	A Fundamental Mathematical Model With Sufahani-Ismail Algorithms For Malnutrition Malaysian Tahfiz Primary School Children Aged 7-12	Malaysia Technology Expo 2019 (MTE2019) ICC UTHM	2019
25	Educational Evaluation Of Malaysian Secondary School Menu Planning Programme		
26	Forecasting On The Tea Production In Malaysia By Using ARIMA Model and Holt's Linear Trend Method	International Research & Innovation Symposium &	2019
27	Optimizing The University's Examination Timetabling By Genetic Algorithm Approach		

28	Forecast The Behaviour Of Courier Services Stock Price By Using Stochastic Analysis: GDex Carrier Berhad	Exposition 2019 (RISE2019)	
29	Menu Scheduling For High Blood Pressure Patient With Optimization Method		
30	Decision Making Process On Planning A Balanced and Nutritious Diet For Autism Paralympic Athlete		
31	Optimization Of Diet Planning Model For Diabetes Patient Through Integer Programming		
32	Nutritious Planning and Scheduling For Breast Cancer Patient With Optimization Methods		
33	Nutritious Menu System For Malaysian Tahfiz Primary School Children		
34	New Fundamental Theory Through Modified Shooting Method With Piecewise Function In Solving The Royalty Payment Problem		
35	Mathematical Modelling For Planning Nutritious Menu Among Secondary School Students With Eczema	National Innovation & Invention Competition 2019 (NIICe2019)	2019
36	New Fundamental Theory Through Modified Shooting Method With Piecewise Function In Solving The Royalty Problem		
37	Binary Programming Algorithm On Modeling Malaysian Secondary Boarding School Menu Planning	Anugerah Persama 2019	2019
38	Malaysian Secondary School Menu Planning Programme (With Sufahani-Ismail Algorithm)	Research and Innovation Exhibition UniMAP 2018 (e-REKA)	2018
39	Malaysian Secondary School Menu Planning System	Selangor Innovation & Creativity Exposition 2018 (SLICE18)	2018
40	Optimization Of University's Lecture Timetable Using Genetic Algorithm Technique	International Research & Innovation Symposium & Exposition 2018 (RISE2018)	2018
41	Special Healthcare On Nutrient Boundary and Diet For Myopia Patients Through Mathematical Modelling		
42	Educational Evaluation Of Malaysian Secondary School Menu Planning Programme		
43	A Fundamental Mathematical Model With Sufahani-Ismail Algorithms For Malnutrition Malaysian Tahfiz Primary School Children Aged 7-12		
44	MK True Colors Stock Market Forecasting Model Bursa Malaysia		
45	Malaysian Secondary School Menu Planning Programme (With Sufahani-Ismail Algorithm)		
46	Modified Shooting Method In Solving Royalty Payment with Piecewise Allocation		

47	Menu Scheduling For High Blood Pressure Patient with Optimization Method Through Integer Programming		
48	Data Mining Technique In Precious Metal Price Forecasting		
49	Satisfaction Index On Factors That Affect Healthy Lifestyle Among University Students		
50	Binary Programming Algorithm In Modelling Malaysian Secondary Boarding School Menu Planning	Innovative Research, Invention & Application Exhibition 2018 (I-RIA 2018)	2018
51	Malaysian Secondary Menu Planning Programme	Anugerah Harta Intelek Negara 2018	2018
52	A Zero One Modelling For Planning 6 Nutritious Meals Per Day For Boarding School Children		
53	Three Dimension Of Fuzzy C-Regression Model In Miles Per Gallon For Cars		
54	Controlling The Blood Flow In The Stenosed Porous Artery With The Presence Of Magnetic Field		
55	Binary Programming Algorithm In Modelling Malaysian Secondary School Menu Planning		
56	A Mathematical Modeling For Planning Nutritious Menu and Balance Nutrient Intake For Eczema Patient		
57	A Mathematical Study On “Additive Technique” Versus “Branch and Bound Technique” For Solving Binary Programming Problem		
58	Applied Mathematical Optimization Technique On Menu Scheduling For Boarding School Student Using Delete-Reshuffle-Reoptimize Algorithm		
59	Binary Programming Algorithm In Modelling The Malaysian Secondary School Menu Planning		
		1 <sup>st</sup> Graduate Research Exhibition Competition 2017 (GRex COM 2017)	2017
60	Development Of GUI Software With New Binary Mathematical Model and New Post-Optimality Sufahani-Ismail Algorithm For Malnutrition School Student Aged 13-18	Pembentangan Skim Geran Penyelidikan Pembangunan Prototaip (PRGS) Peringkat Universiti	
61	Development Of GUI Software With New Binary Mathematical Model and New Post-Optimality Sufahani-Ismail Algorithm For Malnutrition School Student Aged 13-18	Pembentangan Skim Geran Penyelidikan Pembangunan Prototaip (PRGS) Peringkat Kementerian	2017



62	A Diet Planning Model For Malaysian Boarding School Using Zero-One Integer Programming	Seminar Kebangsaan Aplikasi Sains dan Matematik 2013 (SKASM 2013)	2013
63	An Analysis Of International Tourist Behavior Towards Tourism Sector In Kelantan		
64	A Comparative Study On “Additive Algorithm” and “Simplex Method” For Solving The Menu Planning Problem		
65	A Credit Card Company Financial Scheduling Problem Using Linear Programming		

### INTERNATIONAL CONFERENCES AND INNOVATION PRESENTATION

No	Title	Conference	Country	Year
1	Malaysian Secondary School Menu Planning System	2020 Bangkok International Intellectual Property, Invention & Technology Exposition (IPITEx 2020)	Thailand	2020
2	Nutritious Menu System For Malaysian Tahfiz Primary School Children (Improve Good Memory)			
3	Beg Metode Mataku 20/20	International Competition For Educational Innovation & Research (EDUINNOVATION 2020)	Malaysia	2020
4	Beg Metode Mataku 20/20	International Creative & Innovative Product Exhibition (ICRIPE) 2020	Indonesia	2020
5	New Fundamental Theory In Solving The Royalty Payment Problem	Sabah International Virtual Innovation & Invention Competition 2019 (SIVIIC 2019)	Malaysia	2020
6	New Fundamental Theory In Solving The Royalty Payment Problem	International Summit On Innovation & Design Exposition 2020 (InSIDE2020)	Malaysia	2020
7	Carbon Filter: Innovative Eco-Friendly Grey Water Bio-Filter	3 <sup>rd</sup> International Innovation, Invention & Design Competition 2020 (Virtual IID2020)	Malaysia	2020
8	Proposal: Binary Programming For Primary School Diet Among Autism Children In Malaysia	Global Research Conference 2020 (GRaCe2020)	Malaysia	2020
9	Malaysian Secondary Boarding School Menu Planning System	Asia International Innovation Exhibition 2020 (AIINEX2020)	Malaysia	2020
10	New Fundamental Theory In Solving The Royalty Payment Problem			

11	New Fundamental Theory In Solving The Royalty Payment Problem	9 <sup>th</sup> International Innovation, Invention & Design Virtual Competition (INDES2020)	Malaysia	2020
12	Nutritious Menu System For Malaysian Tahfiz Primary School Children (Improve Good Memory)	International Innovation Competition 2020 (INNOCOM2020)	Malaysia	2020
13	Malaysian Secondary Boarding School Menu Planning System			
14	Nutritious Planning and Scheduling For Breast Cancer Patient With Optimization Methods			
15	New Fundamental Theory In Solving The Royalty Payment Problem			
16	Malaysian Secondary Boarding School Menu Planning System	International Malaysian Academic Association Congress Symposium 2019	Malaysia	2019
17	Malaysian Secondary School Menu Planning System	21 <sup>st</sup> Industrial Art and Technology Exhibition (INATEX 2019)	Malaysia	2019
18	Malaysian Secondary School Menu Planning System	International Innovation & Invention Challenge Via Exhibition 2019	Malaysia	2019
19	Menu Scheduling For High Blood Pressure Patient With Optimization Method Through Integer Programming	The 3 <sup>rd</sup> International Thailand-Indonesia-Malaysia Symposium On Innovation & Creativity	Malaysia	2019
20	Malaysian Secondary Boarding School Menu Planning Programme			
21	Malaysian Secondary School Menu Planning Programme For Educational Development	Malaysian Technology Expo (MTE) 2019	Malaysia	2019
22	Malaysian Secondary School Menu Planning Programme (With Sufahani-Ismail Algorithm)	Research and Innovation Exhibition UniMAP 2018 (e-REKA)	Malaysia	2018
23	Binary Programming Algorithm In Modelling The Malaysian Secondary School Menu Planning	29 <sup>th</sup> International Invention, Innovation & Technology Exhibition 2018 (ITEX2018)	Malaysia	2018
24	Binary Programming Algorithm In Modelling The Malaysian Secondary School Menu Planning	Seoul International Invention Fair 2018 (SIIF2018)	South Korea	2018

25	Malaysian Secondary Menu Planning Programme	Venus International Foundation	India	2018
26	A Comparative Study On “Additive Algorithm” and “Branch and Bound” For Solving The Menu Planning Problem	ASIA International Multidisciplinary Conference 2017	Malaysia	2017
27	Binary Programming Algorithm In Modelling The Malaysian Secondary School Menu Planning	4 <sup>th</sup> International Science Postgraduate Conference 2016	Malaysia	2016
28	Optimization In Menu Planning and Optimal Control Problem	The Talent Management Symposium (TMS 2011)	United Kingdom	2011
29	Menu Planning Problem For Malaysian Secondary School Children	Supporting Postgraduates Who Teach Mathematics & Statistics	United Kingdom	2008
30	Menu Planning Problem For Malaysian Secondary School Children	Optimization Series: Business Application of Optimization	United Kingdom	2009

#### **WORKSHOP / TRAINING / SEMINAR / COURSES**

<b>No</b>	<b>Description</b>	<b>Date</b>
1.	Jerayawara Penasihat Akademik dan Kerjaya (PAK) FAST	13/10/2020
2.	Pra Bengkel Pembangunan Soalan Ujian Aptitud UTHM / Hotel Impiana Senai Johor Bahru	01/10/2020 - 03/10/2020
3.	Bengkel Penyelidikan Fakulti Sains Gunaan Dan Teknologi UTHM	30/09/2020
4.	Pra Bengkel Pembangunan Soalan Ujian Aptitud Penilaian APEL (A) Tahap 3 (SIJIL) dan Tahap 4 (DIPLOMA)	20/09/2020
5.	Raining Of Trainers (ToT) Kursus Professional At Work Pusat Pembangunan Akademik, UTHM / Bilik Seminar Lestari 2, Ptta	10/09/2020
6.	Bengkel Penyelidikan Dibawah Centre Of Research (CoR) Dan Focus Group (FG) FAST UTHM	02/09/2020
7.	Taklimat Penggunaan Aplikasi Workspace UTHM Kampus Pagoh	24/08/2020
8.	Bengkel Sasaran Kerja dan Aktiviti Pensyarah dan Pengajar (PERKASA) Sesi 2020-2022 Impiana Hotel, Senai, Johor	06 – 08/08/2020
9.	Taklimat Bidang Tujahan FAST Dibawah Pusat Penyelidikan UTHM	26/07/2020
10.	(Kursus Atas Talian) Diet & Ramadhan: Manfaatkan Puasa Untuk Lebih Sihat Menjelang Syawal Pejabat Pendaftar, UTHM / Atas Talian	01/05/2020
11.	Teach Calculation Based Course During MCO UTHM	23/04/2020

12.	Teach Like A Boss Using Your Smartphone UTHM	13/04/2020
13.	Bengkel Pemetaan PLO-CLO-LOD Program BWQ Dan MWQ Panel Statistik FAST UTHM / FAST	05/03/2020
14.	Bengkel Semakan Dokumen Pemurnian Program Akademik FAST Mengikut Format MQF Versi Dua UTHM / Bilik Mesyuarat 6, Aras 1, UTHM Kampus Cawangan Pagoh	03/03/2020
15.	Taklimat Penggunaan Elogbook Dan Perkara Berkaitan Projek Sarjana Muda (PSM) Semester II Sesi 2019/2020 FAST UTHM / Bilik Mesyuarat 6, Aras 1, UTHM Kampus Cawangan Pagoh	02/03/2020
16.	Bengkel Smart Campus UTHM UTHM / Lacrista Hotel, Melaka	27 - 29/02/2020
17.	UTHM German Day 2020 UTHM	19/02/2020
18.	Kursus Pemeriksaan Penasihat Akademik dan Kerjaya (PAK) UTHM UTHM Kampus Pagoh	13/02/2020
19.	Bengkel Sasaran Kerja Tahunan (SKT) FAST UTHM / Bilik Seminar2, Aras1, Bangunan Pentadbiran Kampus Pagoh	10 - 11/02/2020
20.	Bengkel Pemurnian Program Akademik FAST Mengikut Format Malaysia Qualifications Framework (MQF) Versi Dua UTHM / Bilik Seminar 1, Aras 1, UTHM Kampus Cawangan Pagoh	09/02/2020
21.	Pra Bengkel Smart Campus UTHM Dewan Jamuan, Aras 5, PTTA	03/02/2020
22.	Program Bersama Penyelidik Cemerlang UTHM / Dewan Jemaah, Aras 5, PTTA	27/01/2020
23.	Bengkel ToT Modul My Future 2020 UTHM / Dewan 1, UTHM	21/01/2020
24.	Bengkel ToT Modul My Future 2020 Pejabat Pendaftar, UTHM / Dewan 1 UTHM	21/01/2020
25.	Bengkel Pemurnian PEO-PLO Program Statistik Industri UTHM / FAST	18/01/2020
26.	Bengkel Pemurnian Silibus Program Sarjana Muda / Sarjana Statistik Industri Lain-Lain / FAST	01 - 02/01/2020
27.	Program Transformasi Minda Bil. 2/2019 Pejabat Pendaftar, UTHM / Ismah Beach Resort, Melaka	17 - 21/11/2019
28.	Bengkel Latihan Panel Penilai APEL (A) Bilik Seminar Pusat Pengajian Bahasa, UTHM	22/10/2019
29.	Taklimat Format Tesis Projek Sarjana Muda II Semester I Sesi 2019/2020 UTHM Kampus Pagoh	20/10/2019
30.	Seminar Technology Update 2019 UTHM	16/10/2019
31.	Alternative Assessment Workshop For Higher Education Pusat Pembangunan Akademik, UTHM / Bilik Latihan Cad	15/10/2019
32.	Taklimat Perjalanan Istiadat Konvokesyen Ke 19 UTHM Bagi Sidang 1 Hingga Sidang 6 Bilik Mesyuarat Seri Kesidang, Aras 3 Pejabat Pendaftar UTHM	08/10/2019

33.	Taklimat Pengurusan Skim Geran Penyelidikan Fundamental (FRGS) Fasa 1/2019 Bilik Lestari 1, Aras 3, Perpustakaan Tunku Tun Aminah, UTHM	19/09/2019
34.	Bengkel ToT Untuk Pelaksanaan SULAM UTHM Bilik Latihan CAD (Makmal SCL), Blok B1, UTHM	17/09/2019
35.	Bengkel Portal Learning Management System (LMS) UTHM UTHM Kampus Pagoh	05/09/2019
36.	Program Jerayawara Oleh Pusat Pembelajaran Atas Talian Tahap Global (CGOL) UTHM	05/09/2019
37.	Bengkel Penyediaan Dokumen Perancangan Kuliah (RPP-04 Format COPPA-2) Semester 1 Sesi 2019/2020 UTHM Kampus Pagoh	21/08/2019
38.	Kursus Communication Skills Series: Ted Talk "Empower Your Presentation" Pusat Pembangunan Akademik, UTHM / Bilik Latihan CAD	19/08/2019
39.	Kursus Pengurusan Jenazah Lelaki Dewan Al-Farabi, Masjid Sultan Ibrahim, UTHM	23 – 24/07/2019
40.	Pembentangan Laporan Jawatankuasa OBE, FAST UTHM Kampus Pagoh	14/07/2019
41.	The 3rd International Thailand-Indonesia-Malaysia Symposium On Innovation And Creativity Thailand	16/06/2019 - 18/06/2019
42.	Seminar Learning Engagement & Motivation : Student Engagement Pusat Pembangunan Akademik, UTHM / Bilik Latihan CAD	20/05/2019
43.	Seminar Potensi Dan Masa Depan Buluh Malaysia UTHM	30/04/2019
44.	Taklimat Prosedur Kewangan Bagi Perolehan dan Aset Di FAST UTHM Kampus Pagoh	22/04/2019
45.	Program Sanggar Kerja Pascasiswazah UTHM	07/04/2019 - 08/04/2019
46.	STEM Road Tour (Muar) SMK Tun Perak, Muar	02/04/2019
47.	Program Bicara Ilmu Career Preparation In Statistics & Data Science In Industry 4.0 Era Auditorium 4, UTHM Kampus Pagoh	02/04/2019
48.	Roadshow Dan Perkongsian Ilmu Penyelidikan Bersama Staf Akademik Fakulti Sains Gunaan Dan Teknologi (FAST) UTHM	31/03/2019
49.	Bicara Penyelidikan Malaysia Toray Science Foundation Grant UTHM	10/03/2019
50.	Kursus UTHM E-Learning Portal (GLS) UTHM	05/03/2019
51.	Jerayawara Pusat Pembangunan & Latihan Akademik (CAD) UTHM	26/02/2019
52.	Pegawai Pempamer Program Jom Masuk IPT 2019 (Zon Selatan) UTHM	24/02/2019
53.	A Talk To Commercialization UTHM	11/02/2019

54.	Bengkel Outcome Base Education UTHM Pagoh	30/01/2019
55.	Bengkel Penyediaan Dokumen Perancangan Kuliah (RPP-04) Semester 2 Sesi 2018/2019 dan Laporan Continuous Quality Improvement (CQI) Semester 1 Sesi 2018/2019 UTHM Pagoh	30/01/2019
56.	Bengkel Penyediaan Dokumen Perancangan Kuliah (RPP-04 Format COPPA-2) Semester 2 Sesi 2018/2019 Untuk Staf Akademik FAST UTHM	30/01/2019
57.	CERCCOM Research Talk 2/2019 UTHM	17/01/2019
58.	CERCCOM Research Talk 1/2019 UTHM	10/01/2019
59.	Road To Self-Financial Independence UTHM / Bilik Mesyuarat 1, UTHM Kampus Pagoh	13/12/2018
60.	International Research & Innovation Symposium & Exposition 2018 (RISE 2018) D1 UTHM / Dewan Sultan Ibrahim	12/11/2018
61.	Effective Supervision : The Essential Skills For A Great Research Teams Pusat Pengajian Siswazah, UTHM / Dewan Jemaah, Aras 5, Perpustakaan Tunku Tun Aminah	07/11/2018
62.	Bengkel Perisian ARENA Dan AMPL UTHM	05/11/2018
63.	Bengkel Perisian Risk Simulator Dan EVIEWS UTHM	04/11/2018
64.	Program "Teaching And Learning: Way Foward What Say You?" Bersama Timbalan Naib Canselor A & A UTHM / Dewan Jemaah Aras 3 PTTA	30/10/2018
65.	Kursus Animation Making UTHM	19/09/2018
66.	Knowledge Discourse : Learning Engagement & Motivation "Mendepani Amanah Yang Hakiki" UTHM / Dewan Kuliah 1	03/09/2018
67.	Bengkel Penyediaan Dokumen Perancangan Kuliah (RPP-04) Format COPPA 2 dan Pelan Pentaksiran Kursus Semester 1 Sesi 2018/2019 UTHM Pagoh	27/08/2018
68.	Sesi Perkongsian Ilmu 'Basic Intellectual Property And Patent Search' UTHM Pagoh	09/08/2018
69.	Pembentangan Kolaborasi Penyelidikan, Pengkormersialan, Promosi UTHM dan Perancangan MOU Bersama Naib Canselor dan Penasihat Industri Bilik Mesyuarat Eksekutif, Aras 5, Perpustakaan Sultanah Aminah UTHM	08/08/2018
70.	Bengkel 'Massive Open Online Course' (Mooc) Siri 3 UTHM Pagoh	02/08/2018
71.	Massive Open Online Course (Mooc) Siri 3 Bilik Mesyuarat 5 UTHM Kampus Pagoh	02/08/2018
72.	Kursus Screencasting UTHM / Cadcam Technology Lab	01/08/2018
73.	Maasive Open Online Course (MOOC) Siri 3	30/07/2018

	UTHM Pagoh	
74.	Program Bicara Ilmu Bersama Profesor Pelawat UTHM Pagoh	29/07/2018
75.	Bengkel 'Massive Open Online Course' (MOOC) Siri 2 UTHM	23/07/2018
76.	Program We Are One Siri 2/2018 UTHM / Pusat Minda Emas, Tanjung Laboh	19/07/2018 - 21/07/2018
77.	Kursus Google Forms Bilik Mesyuarat 6 UTHM Pagoh	18/07/2018
78.	Massive Open Online Course (MOOC) Siri 1 Bilik Mesyuarat 6 UTHM Kampus Pagoh	17/07/2018
79.	Bengkel Perisiamn S-Plus Makmal Statistik 1 UTHM Kampus Pagoh	10/07/2018 - 11/07/2018
80.	Kursus Penulisan Dan Pengurusan Buku Ilmiah Pejabat Pendaftar, UTHM / Seri Teratai, Aras 1 Pejabat Pendaftar	01/07/2018 - 02/07/2018
81.	Kursus Asas Keselamatan Teknologi Maklumat Pejabat Pendaftar, UTHM / Makmal Pusat Teknologi Maklumat 1	26/06/2018 - 27/06/2018
82.	Iop Publishing How To Get Published Pejabat Pendaftar, UTHM / Al Jazari	26/06/2018
83.	Program Kursus Jangka Pendek UTHM Pagoh	22 – 23/11/2017
84.	Joint UTHM-UAD Scientific Writing Workshop UTHM Pagoh	25/10/2017
85.	Program 4 <sup>th</sup> Industrial Revolution In Teaching and Learning UTHM Parit Raja	17/09/2017
86.	Project – Oriented Problem Based Learning (Level 2) UTHM Parit Raja	23 – 24/08/2017
87.	Kursus How Obesity Affect The Life Style and Physiological UTHM Parit Raja	20/08/2017
88.	Kursus How Obesity Affect The Life Style and Physiological UTHM Parit Raja	23/07/2017
89.	Program Bersama Penceramah Industri UTHM Parit Raja	07/05/2017
90.	Program Talk “Where To Publish” UTHM Parit Raja	25/04/2017
91.	Bengkel Penyemakan Soalan Peperiksaan Akhir UTHM Parit Raja	17/04/2017
92.	Program Bersama Penasihat Industri UTHM Parit Raja	16/04/2017
93.	Archery Training & Mini Game UTHM Parit Raja	15/04/2017
94.	Program Bersama Penasihat Industri UTHM Parit Raja	09/04/2017
95.	Kursus Teaching & Learning: Profesional Development English Camp I & II UTHM Parit Raja	03 – 04/04/2017
96.	Bengkel Pemurnian Kurikulum BWA dan BWQ UTHM Parit Raja	29/03/2017

97.	Kursus Microsoft Powerpoint “Penyediaan Slaid Pembentangan dan Poster Berkesan” UTHM Parit Raja	26 – 27/03/2017
98.	Bengkel Pembangunan MOOC Siri 1 UTHM Parit Raja	27 – 28/02/2017
99.	Seminar Jom Umrah UTHM Parit Raja	27/02/2017
100.	Seminar Asas Pelaburan Hartanah UTHM Parit Raja	27/02/2017
101.	Yok Ngeteh Bersama CEO Openlearning	26/02/2017
102.	Kursus “Get To Know Your ISI Journal: An Easy Way To Prepare Your Research Articles” UTHM Parit Raja	26/02/2017
103.	SCOPUS and ISI Indexed Journal Publication Workshop UTHM Parit Raja	13/02/2017
104.	Seminar Module Of Research: Journal Publication Seminar UTHM Parit Raja	13/02/2017
105.	Bengkel Penerbitan Jurnal Terindeks SCOPUS dan/atau Berfaktor Impak UTHM Parit Raja	13/02/2017
106.	Bengkel Penerangan dan Pelaksanaan Pembelajaran Teradun UTHM Parit Raja	05/02/2017
107.	The World Of Statistics Talk UTM Johor	25/04/2016
108.	Bengkel Pengemaskinian Fail Pengajaran & Pembelajaran UTHM Parit Raja	05/08/2015
109.	Bengkel Pemindahan Tesis Kepada Buku Bertemakan Sains, Teknologi dan Inovasi Berteraskan Islam UTHM Parit Raja	15 – 16/04/2015
110.	Management Science and Operation Research Seminar UTHM Parit Raja	21/06/2014
111.	Bengkel Kerja Penyelarasan Promosi dan Pemasaran 2014 Pejabat Hubungan Universiti dan Masyarakat Avillion Legacy Melaka	13 – 15/12/2013
112.	Seminar Motivasi Semanis Kurma Semanis Kerja UTHM Parit Raja	03/12/2013
113.	Pra Bengkel Training For Trainers Occupational Safety and Health UTHM Parit Raja	21/02/2013
114.	Pendekatan Outcome Based Education (OBE) Dalam Pembelajaran dan Pengajaran UTHM Parit Raja	18/02/2013
115.	Optimization Series: Business Application Of Optimisation	02 – 03/11/2009



**CHAIRPERSON / CHAIRMAN / PANEL/ MODERATOR (INTERNATIONAL LEVEL)**

No	Conference	Role	Country	Year
1	Global Research Conference 2020	Special Session Chair GRaCe	Malaysia	2020
2	International Malaysian Academic Association Congress Symposium 2019	Chairperson	Malaysia	2019
3	International Seminar On Mathematics and Physics In Science and Technology 2017	Session Chair	Malaysia	2017
4	Persidangan Antarabangsa Kelestarian Insan 2014	Parallel Chairperson	Malaysia	2014

**CHAIRPERSON / CHAIRMAN / PANEL/ MODERATOR (NATIONAL LEVEL)**

No	Conference	Role	Country	Year
1	Webinar National STEM: Kepentingan Bidang STEM Dalam Menongkah Cabaran Era COVID-19	Panel	Malaysia	2020

**CHAIRPERSON / CHAIRMAN / PANEL/ MODERATOR (UNIVERSITY LEVEL)**

No	Conference	Role	Country	Year
1	Share With Us Your Thoughts and Experience	Moderator	Malaysia	2020
2	Program Ceramah Industri dan Kerjaya	Panel	Malaysia	
3	International Conference on Biodiversiti	Chairperson	Malaysia	
4	Penilaian Usulan Penyelidikan (Proposal Defense)/ Kolokium	Chairperson	Malaysia	2019
5	Kolokium Pelajar Pasca Siswazah Program Doktor Falsafah (PhD) FAST Semester 1 Sesi 2018/2019	Chairperson	Malaysia	2018
6	Pembentangan Proposal Bagi Program Doktor Falsafah (PhD) Kejuruteraan Awam Secara Penyelidikan	Chairperson	Malaysia	2017

**INTERNATIONAL CONFERENCE COMMITTEES (EXECUTIVE)**

No	Title	Role	Level	Year
1	Global Research Conference 2020 (Grace 2020)	Special Session Chair	International	2020
2	6 <sup>th</sup> International Conference on the Application of Science and Mathematics 2020 (Sciematic 2020)	Opening Committee	International	2020
3	International Innovation and Invention Challenge Via Exhibition 2019 (Intelligent 19)	Program Manager	International	2019
4	5 <sup>th</sup> International Conference on the Application of Science and Mathematics 2019 (Sciematic 2019)	Opening Ceremony Committee	International	2019
5	4 <sup>th</sup> International Conference on the Application of Science and Mathematics 2018 (Sciematic 2018)	Secretariat	International	2018

**INTERNATIONAL CONFERENCE COMMITTEES (TECHNICAL)**

No	Title	Role	Level	Year
1	6 <sup>th</sup> International Conference on the Application of Science and Mathematics 2020 (Sciematic 2020)	Sponsorship Committee	International	2020
2	Seminar on Technology Update	Program Committee	National	2019
3	5 <sup>th</sup> International Conference on the Application of Science and Mathematics 2019 (Sciematic 2019)	Committee	International	2019

**NATIONAL CONFERENCE COMMITTEES (EXECUTIVE)**

No	Title	Role	Level	Year
1	FAST STEMPRENEURSHIP 1.0 Sekolah Daerah Muar	Activity Committee	National	2019
2	Seminar Sinergi Rakyat-Kerajaan Malaysia	Organizing Committee	National	2015

**NATIONAL CONFERENCE COMMITTEES (TECHNICAL)**

No	Title	Role	Level	Year
1	Teaching and Learning Fair and Innovation Competition (Intelex-2019)	Program Committee	National	2019
2	FAST Postgraduate Symposium 2019	Protocol Committee	National	2019
3	4 <sup>th</sup> International Conference on the Application of Science and Mathematics 2018 (Sciematic 2018)	Secretariat	International	2018
4	The World of Statistics Talks	Organizing Committee	National	2016
5	Seminar Kebangsaan Aplikasi Sains dan Matematik 2016 (SKASM2016)	Protocol Committee	National	2016

**CONTRIBUTIONS (UNIVERSITY LEVEL)****ACADEMIC ADMINISTRATION (FACULTY)**

No.	Position	Description	Date/ Duration
1.	Head of Statistics Program	Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	01/01/2021 – Present
2.	Head of Statistics Panel	Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	01/01/2019 – 31/12/2020

**CHAIRMAN / PRESIDENT OF COMMITTEE / PROGRAM**

No.	Position	Description	Date/ Duration
1	Coordinator	Program FAST Week, Faculty of Applied Sciences and Technology	05 – 08/11/2017
2	Project Leader & Coordinator	Archery Training & Mini Game	15/04/2017
3	Program Manager	Youth Entrepreneurship Programme How To Generate Income Through Online	30/05/2015
4	President	Kelab Kebajikan Staf Fakulti Sains Gunaan dan Teknologi – KEiSSWA	2014 – 2015

**ACADEMIC PROGRAM COORDINATOR**

No	Description	Role	Level	Year
1	Student Welfare, Faculty of Applied Sciences and Technology	Coordinator	Faculty	2020
2	Science, Technology, Engineering and Mathematics (STEM) Active Camp	Unit Coordinator	Faculty	2019
3	MoA Universiti Tun Hussein Onn Malaysia and Universitas Ahmad Dahlan Indonesia	MoA Coordinator	Faculty	2019

**ACADEMIC SUBJECTS COORDINATOR**

No.	Semester	Session	Code	Course name	Level	Credit
1	1	20202021	BWB31002	Industrial Management	Bachelor	2
2			BWB44503	Marketing Management	Bachelor	3
3			KWZ10003	Research Methodology	Master	3
4			PWZ10003	Research Methodology	PhD	3
5	1	20192020	KWZ10000	Research Methodology	Master	1
6			KWZ10000	Research Methodology	Master	1
7			MWA10000	Research Methodology	Master	1
8			MWB10000	Research Methodology	Master	1
9			PWZ10000	Research Methodology	PhD	1
10			BWB44003	Strategic Marketing	Bachelor	3
11			BWB43703	Performance Modelling of Communication Network	Bachelor	3
12			BWB21002	Industrial Management	Bachelor	2
13	2	20192020	KWZ10000	Research Methodology	Master	1
14			MWA10000	Research Methodology	Master	1
15			PWZ10000	Research Methodology	PhD	1
16			BWB44703	Optimization	Bachelor	3
17	1	20182019	KWZ10000	Research Methodology	Master	1
18			MWA10000	Research Methodology	Master	1
19			MWB10000	Research Methodology	Master	1

20			PWZ10000	Research Methodology	PhD	1
21			BWB44003	Strategic Marketing	Bachelor	3
22			BWB43703	Performance Modelling of Communication Network	Bachelor	3
23	2	20182019	KWZ10000	Research Methodology	Master	1
24			MWA10000	Research Methodology	Master	1
25			MWB10000	Research Methodology	Master	1
26			PWZ10000	Research Methodology	PhD	1
27			CWK10000	Research Methodology	Master	1
28	1	20172018	BWB44003	Strategic Marketing	Bachelor	3
29			BWB43703	Performance Modelling of Communication Network	Bachelor	3
30	2	20172018	BWB20903	Business Statistics	Bachelor	3
31	1	20162017	BBR34103	Basic Method of Statistics	Bachelor	3
32			BWB44003	Strategic Marketing	Bachelor	3
33	1	20152016	BBR23703	Basic Algebra	Bachelor	3
34			BBR33903	Basic Calculus	Bachelor	3
35			BBR33803	Basic Statistics	Bachelor	3
36	2	20152016	BBR33803	Basic Statistics	Bachelor	3
37	1	20142015	BWA30903	Advance Linear Programming	Bachelor	3
38			BWM22502	Engineering Statistics For Technology	Bachelor	2
39	2	20142015	BBR33803	Basic Statistics	Bachelor	3
40	1	20132014	BWA20403	Linear Programming	Bachelor	3
41			BWM20502	Engineering Statistics	Bachelor	2
42			BSM2922	Engineering Statistics	Bachelor	2
43	2	20132014	BWA 21003	Data Analysis	Bachelor	3
44			BWM20502	Engineering Statistics	Bachelor	2
45			BWB21503	Statistics For Decision Making	Bachelor	3
46	2	20122013	BWM20502	Engineering Statistics	Bachelor	2
47			BSM2922	Engineering Statistics	Bachelor	2
48	1/5/2017 – 30/8/2017		PSM33803	Basic Statistics	Pre Bachelor	3
49	1/5/2017 – 30/08/2017		PSM00403	Essential Calculus	Pre Bachelor	3
50	1/5/2016 – 30/8/2016		PSM00403	Essential Calculus	Pre Bachelor	3
51	1/5/2015 – 31/8/2015		PSM33803	Basic Statistics	Pre Bachelor	3
52	1/5/2015 – 31/8/2015		PSM33803	Essential Calculus	Pre Bachelor	3

**MANAGEMENTS / COMMITTEE POSITION (UNIVERSITY / FACULTY / DEPARTMENT)**

<b>No.</b>	<b>Position</b>	<b>Description</b>	<b>Date/ Duration</b>
1.	Committee	Persatuan Pensyarah dan Pengajar UTHM (PERKASA) Biro Perkhidmatan, Perjawatan dan Perundangan	01/0/2021 – Present
2.	Academic Committee	Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	15/07/2020 – Present
3.	Accreditation Committee	Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	01/10/2019 - Present
4.	Academic Advisor	Industrial Statistics Program, Faculty of Applied Sciences and Technology	2013 – Present
5.	Committee Member	MoU discussion and Special Industrial Training Program between the Department of Statistics Malaysia (DOSM) and Department of Mathematics and Statistics, Faculty of Applied Sciences and Technology	10/03/2020
6.	Protocol Committee	Closing ceremony of the international credit mobility program of the Faculty of Applied Sciences and Technology	16/01/2020
7.	Committee Member	Emergency Response Team (ERT), Faculty of Applied Sciences and Technology	01/01/2020 – 31/12/2020
8.	Final Examination Invigilator	Final examination Semester I Session 2019/2020 for the diploma and bachelor degree program	29/12/2019 – 18/01/2020
9.	Stage Manager Sub-Committee (Herald)	19 <sup>th</sup> Convocation Ceremony Universiti Tun Hussein Onn Malaysia	19 – 21/10/2019
10.	Convocation Actor	Rehearsal of the 19 <sup>th</sup> Convocation Ceremony Universiti Tun Hussein Onn Malaysia	18/10/2019
11.	Promotion Committee	Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	13/10/2019
12.	Facilitator	Program My Future for the new bachelor degree students Session 2019/2020	05/09/2019
13.	Committee Member	Committee of Smart Campus Universiti Tun Hussein Onn Malaysia	26/08/2019 – 25/08/2021
14.	Final Examination Invigilator	Final examination Semester II Session 2018/2019 for the diploma and bachelor degree program	16/06/2019 – 06/07/2019
15.	Secretariat	Program FAST-STEMpreneurship 1.0	21 – 23/04/2019
16.	Final Examination Invigilator	Final examination Semester I Session 2018/2019 for the diploma and bachelor degree program	30/12/2018 – 19/01/2019
17.	Committee Member	18 <sup>th</sup> Convocation Ceremony Universiti Tun Hussein Onn Malaysia	22/10/2018

18.	Facilitator	Starting School Program for the new bachelor degree students Session 2018/2019	07/09/2018
19.	Final Examination Invigilator	Final examination Semester II Session 2017/2018 for the diploma and bachelor degree program	10/06/2018 – 07/07/2018
20.	Coordinator	Program UCTC at the responsibility center (PTj)	20/03/2018
21.	Coordinator	Community and Spiritual Service Coordinator, Faculty of Applied Sciences and Technology	01/01/2018 – 31/12/2019
22.	Committee Member	Industrial training committee, Faculty of Sciences and Technology	01/01/2018 – 31/12/2019
23.	Committee Member	Committee of consultation, innovation and commercialization at Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	01/01/2018 – 31/12/2019
24.	Coordinator	Data update for the community service program, Faculty of Applied Sciences and Technology	01/01/2018 – 30/06/2018
25.	Committee Member	Bureau of Sports and Recreation, Kelab Kebajikan Staf Fakulti Sains Gunaan dan Teknologi – KEiSSWA	2018 – 2020
26.	Coordinator	Cultural and Welfare Exco, Sciences and Technology Club, Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	2018 – 2019
27.	Final Examination Invigilator	Final examination Semester I Session 2017/2018 for the diploma and bachelor degree program	31/12/2017 – 20/01/2018
28.	Chairperson	ILSM Short Term Program, Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	22 – 23/11/2017
29.	Co-Academic Committee Member (Mathematics)	Program Temasya Koakademik dan Kokurikulum Sekolah Kluster Kecemerlangan Bersama Universiti Tun Hussein Onn Malaysia	12/11/2017
30.	Committee Member	Joint UTHM and Universiti Ahmad Dahlan Program, Department of Mathematics and Statistics, Faculty of Applied Sciences and Technology	25/10/2017
31.	Committee Member	17 <sup>th</sup> Convocation Ceremony Universiti Tun Hussein Onn Malaysia	14/10/2017
32.	Final Examination Invigilator	Final examination Semester II Session 2016/2017 for the diploma and bachelor degree program	04 – 24/06/2017
33.	Chairperson	Program with industry speakers, Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	07/05/2017
34.	Chairperson	Program with industry speakers, Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	16/04/2017
35.	Chairperson	Program with industry speakers, Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	09/04/2017
36.	Committee Member	Research planning meeting with PRASARANA Malaysia Berhad	20/06/2016

37.	Committee Member	Program Jaringan dan Jalinan Fakulti Sains UTM – STF Rekreasi Matematik	30/10/2015
38.	Committee Member	Flood community service, Faculty of Science and Technology, Universiti Tun Hussein Onn Malaysia	26/01/2015
39.	Committee Member	Majlis Anugerah Gemilang Faculty of Applied Sciences and Technology 2014	15/01/2015
40.	Committee of Preparatory and Technical	Majlis Anugerah Staf dan Sambutan Hari Raya Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	27/08/2014
41.	Promotion Committee	Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	11/02/2014 – 31/12/2015
42.	Committee Member	Coordination of community service activities Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	05/02/2014 – 31/12/2015
43.	Committee Member	Committee of Student Affairs and Alumni, Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	14/11/2013
44.	Committee Member	Perbarisan Sambutan Hari Kebangsaan Peringkat Negeri Johor	29 & 31/08/2013
45.	Executive Committee	Program Kenali Matematik dan Kerjaya bersama pelajar SMK Bandar Putra Kulai Jaya	26/06/2013
46.	Committee Member	Perhimpunan Perpaduan Hari Pekerja, Universiti Tun Hussein Onn Malaysia	22/06/2013
47.	Final Examination Invigilator	Final examination Semester II Session 2012/2013 for the bachelor degree and teacher graduate program	10 – 30/06/2013
48.	Committee Member	Outcome Based Education Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	14/05/2013
49.	Exhibitor	Career Education Carnival of Matriculation Colleges Ministry of Education Malaysia	2013
50.	Committee Member	Outcome Based Education Faculty of Applied Sciences and Technology, Universiti Tun Hussein Onn Malaysia	16/10/2012 – 31/12/2014

## ACADEMIC ADVISOR

No.	Name	Matric No.	Year	Program
1.	Fairuz Bahirah Binti Baharom	GW180012	3/20202021	PWZ
2.	Natasha Amira Binti Mohd Zailani	GW180059	3/20202021	PWZ
3.	Wan Noor Afifah Binti Wan Ahmad	HW180026	2/20202021	PWZ
4.	Ong Ai Lee	HW180044	2/20202021	KWZ
5.	Gan Fui Yee	HW180049	Graduate	KWZ
6.	Izah Rafidah Binti Ahmad	HW150069	Graduate	KWZ
7.	Wan Noor Afifah Binti Wan Ahmad	HW160063	Graduate	KWZ
8.	Opara Otuodi Chigozie	HW170013	Graduate	KWZ
9.	Sharifah Amira Najwa Binti Syed Muhamad Dawilah	HW170035	Graduate	MWA
10.	Shuhaidah Binti Abdul Shukor	HW170033	Graduate	MWQ
11.	Malarvili A/P Nadarajan	HW170027	Graduate	MWQ
12.	Sitinurfaizzah Binti Raman	HW160035	Graduate	MWQ

13.	Karen She Kai Xian	AW170236	4/20202021	BWQ
14.	Lee Wan Qi	AW170199	4/20202021	BWQ
15.	Lim Jing Shi	AW170218	4/20202021	BWQ
16.	Loke Su Leng	AW170212	4/20202021	BWQ
17.	Low Qiau Han	AW170206	4/20202021	BWQ
18.	Maisarah Auni Binti Jamaludin	AW170139	4/20202021	BWQ
19.	Najiha Azwa Binti Rajab	CW190006	1/20202021	BWQ
20.	Ng Boon Jane	AW170184	4/20202021	BWQ
21.	Ng Rou Ting	AW170233	4/20202021	BWQ
22.	Noorain Binti Juahir	AW170099	4/20202021	BWQ
23.	Nor Fatihah Binti Zulkiflee	AW170086	4/20202021	BWQ
24.	Norsyafiqah Binti Mohd Yatim	AW170128	4/20202021	BWQ
25.	Nur Addilla Binti Zainal Abidin	AW170093	4/20202021	BWQ
26.	Nur Aina Syafiqah Binti Zulkefli	AW170146	4/20202021	BWQ
27.	Nur Aisha Izlyn Binti Mohamad Attan	AW180116	3/20202021	BWQ
28.	Nur Ashikin Binti Zulkarnain	AW170074	4/20202021	BWQ
29.	Nur Atasya Binti Rahimi	AW170011	4/20202021	BWQ
30.	Nur Diyana Binti Jusof	AW170130	4/20202021	BWQ
31.	Nur Erfa Farisyah Binti Khalidi	AW170002	4/20202021	BWQ
32.	Nur Hazirah Hanun Binti Zakaria	AW170157	4/20202021	BWQ
33.	Nur Hazlina Binti Abdul Wahab	AW170081	4/20202021	BWQ
34.	Nurul Nadia Binti Selamat	AW170246	4/20202021	BWQ
35.	Pang Cui Ru	AW190222	2/20202021	BWQ
36.	Tarschny Tatchanamurthy	AW190226	2/20202021	BWQ
37.	Vaashini A/P K.Palaniappan	AW190230	2/20202021	BWQ
38.	Woon Kah Mun	AW190162	2/20202021	BWQ
39.	Muhammad Akhbar Fahim Bin Rahmat	AW130031	Graduate	BWQ
40.	Muhammad Akram Bin Abd. Sukor	AW130064	Graduate	BWQ
41.	Nur Syazwan Binti Wahab	AW130071	Graduate	BWQ
42.	Nur Fattin Amira Binti Roslan	AW130091	Graduate	BWQ
43.	Zarith Amira Binti Azmi	AW130137	Graduate	BWQ
44.	Ting Chian Wen	AW130151	Graduate	BWQ
45.	Then Yik Yee	AW130152	Graduate	BWQ
46.	Tan Shu Zhen	AW130154	Graduate	BWQ
47.	Tan Pei Chy	AW130155	Graduate	BWQ
48.	Tan Hui Rong	AW130158	Graduate	BWQ
49.	Tan Hoi Wen	AW130159	Graduate	BWQ
50.	Lok See Lin	AW130175	Graduate	BWQ
51.	Lim Shi Tien	AW130177	Graduate	BWQ
52.	Lim San Yee	AW130178	Graduate	BWQ
53.	Lim Hui Ying	AW130179	Graduate	BWQ
54.	Woon Chun Kit	AW130207	Graduate	BWQ
55.	Wong Yit Hoe	AW130209	Graduate	BWQ
56.	Nur Afifi Izzati Binti Mohd Robi	AW130215	Graduate	BWQ



## CONTRIBUTIONS (COMMUNITY LEVEL)

### CONSULTATION ON COMMUNITY PROJECTS

No	Title	Role	Community	Year
1	Research Fieldwork to Perisind Samudra Sdn Berhad Bandar Pengerang, Johor (Research Collaboration on Transportation)	Research Consultant	Pengerang	2020
2	Majlis Dialog Makanan Sihat dan Kelestarian Kampung	Consultant	International	2019

### JURY / INVITED LECTURER / MOTIVATOR / FACILITATOR

No	Title	Role	Community	Year
1	Penilai Tugas Kursus Topik-Topik Khas (BWB33302)	Jury	FAST	2020
2	3 Minutes Thesis (3MT) Competition	Jury	UTHM	2020
3	Science in Action @ UTHM	Invited Lecturer	SMK Sungai Abong	2019
4	Science in Action @ UTHM	Invited Lecturer	SMK Pagoh	2019
5	Science in Action @ UTHM	Invited Lecturer	SMA Ad-Diniah Muar	2019
6	Program Bicara Ilmu FAST	Invited Lecturer	FAST	2019
7	FTK Research & Innovation Technology Competition (RITEC) 2019	Jury	UTHM	2019
8	International Innovation and Invention Challenge Via Exhibition (Intelligent) 2019	Jury	National	2019
9	Pre-Auction on Working Paper Phase II	Jury	FAST	2019
10	FAST-STEMPRENEURSHIP 1.0: Innovation Competition For Secondary School (Special Needs Student) Muar District	Jury	Muar	2019
11	Statistics Program Science, Technology, Engineering and Mathematics (STEM) Road Tour Muar	Facilitator	Muar	2019
12	Malaysia Industrial Mathematical Modelling Challenge (MIMMC) 2019	Jury	National	2019
13	Motivasi dan Teknik Menjawab Matematik UPSR	Motivator	SK Seri Puteri	2019
14	Special Topic and Current Issues	Invited Lecturer	FAST	2017
15	4 <sup>th</sup> International Science Postgraduate Conference 2016	Facilitator	National	2016
16	Pemantapan Pengajaran Pembelajaran Sains Matematik (3PM)	Facilitator	SMK Indahpura	2015
17	Program Karnival Pendidikan Kerjaya	Invited Lecturer	Koleh Matrikulasi Pulau Pinang	2013
18	Smart Leader 1 Workshop	Invited Lecturer	Sekolah Kluster Parit Raja	2013

## CONTRIBUTIONS (NATIONAL LEVEL)

### EXPERT ADVISORY SERVICE

No	Description	Role	Level	Year
1	Develop a Malaysia Country Report for ASEAN study on Human Resources Development (HRD) Readiness	Consultant	International	2020
2	Attestation of Collaboration Between Universiti Teknologi Brunei and Universiti Tun Hussein Onn Malaysia	Consultant / Representative	International	2019

### PROFESSIONAL MEMBERSHIP

No	Description	Level	Registration No	Duration
1	Malaysian Invention & Design Society (MINDS)	National	OM2243	2020-Present
2	Malaysian Board of Technologist (MBOT) – Professional Technologist	National	PT19015009	2020-Present
3	Malaysian Board of Technologist (MBOT) – Professional Technologist	National	PT19015009	2019-2020
4	Malaysian Board of Technologist (MBOT) – Graduate Technologist	National	GT18051866	2018-Present
5	Persatuan Sains Matematik Malaysia (PERSAMA)	National	SS2018-4	2018-Present
6	Management Science / Operations Research Society of Malaysia (MSORSM)	National	N/A	2014-Present
7	Malaysian Association of PBL Practitioners (MyPBL)	National	17-Y-00-2	2017
8	International Federation of Operational Research Society (IFORS)	International	N/A	2014

## SPORTS ACTIVITIES

No	Description	Level	Achievement	Year
1	UTHM Staff Bowling Tournament	UTHM	4 <sup>th</sup> Place	2019
2	UTHM Staff Bowling Tournament	UTHM	Bronze	2018
3	FAST Bowling Tournament (Solo & Team)	FAST	Gold, Silver	2017
4	UTHM Staff Carrom Tournament	UTHM	-	2017
5	UTHM Staff Bowling Tournament (Team)	UTHM	Gold	2016
6	UTHM Staff Bowling Tournament (Team)	UTHM	Gold	2014
7	UTHM Staff Bowling Tournament (Team)	UTHM	Bronze	2013
8	School of Mathematics and Physic Badminton Tournament (University of Sheffield) (Double)	University of Sheffield	Gold	2012

9	School of Mathematics and Physic Badminton Tournament (University of Sheffield) (Double)	University of Sheffield	Silver	2011
10	Nottingham's Badminton Game (Single)	United Kingdom	-	2009

## AREA OF INTEREST

Operational Research, Decision Making, Optimization, Economics Modeling, Linear and Integer Programming, Economical Statistics, Islamic Statistics and Economy, Psychometrics, Heuristics, Queuing, Simulation, Inventory, Statistical Management, Management Science, Strategic Marketing, Numerical Method and Analysis, Algebra, ODE, PDE, Calculus, Mathematical Modeling, Engineering Mathematics Statistical Analysis, Forecasting, Time Series, Data Analysis, Statistical Modeling, Statistical Survey Analysis, Medical Statistics.

## PERSONAL SKILLS

### LANGUAGES

	<b>Writing</b>	<b>Speaking</b>
Malay (Malaysian)	Fluent	Fluent
English	Fluent	Fluent

### COMPUTER SKILLS

Master in GENSTAT, ARENA (Simulation), AMPL, Matlab, LPSolve IDE, Maple, SAS, SPSS, JAVA, Netscape Navigator, Adobe Photoshop, AUTOCAD 2004, Microsoft Word, Microsoft Excel, Microsoft Powerpoint, Microsoft Access, Microsoft Front Page, Microsoft Project, C++ and Internet Skill.

### PERSONAL STRENGTH

Good time management, Good communication skills, Able to meet the objective, honest, reliable, innovative, able to perform duties with less supervision, high motivation, Good interpersonal skill, critical thinking, fully considerable and responsible to duties.

### CAREER GOALS

My goals are able to manage the change in globalization where emerging and converging technologies is an everyday thing. Furthermore, I would to gain knowledge in industrial production and apply decision making techniques to resolve production problems and to impart knowledge in decision making technique to subordinates. In another word, I would to an expert decision maker and a global production manager where I got to deal with human intellectual capital and skills structurally.

## REFERENCES

Prof. Dr Rozaini Roslan

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