



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

CURRICULUM VITAE



PERSONAL DETAILS

Name : AZANIZAWATI MA'ARAM

Gender : Female

Date of Birth : 9th January 1977

Nationality : Malaysia

Marital Status : Married

Address : No 24, Jalan Flora 3/5, Flora Ville, Taman Pulai Flora, 81300 Skudai, Johor

Tel : (Mobile) : 0197575109 (Office): 075534675 (Fax): 075557096

E-mail : niza@utm.my

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

ID Staff : 8529

Expertise : Supply Chain Management, Supply Chain Strategy, Performance Measurement, Ergonomics and Safety, Lean Manufacturing

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1.	Doctor of Philosophy (PhD)	Operations and E-Business Management	University of Liverpool, United Kingdom	Jan 2007	March 2011
2.	Master of Engineering	Advanced Manufacturing Technology	Universiti Teknologi Malaysia	Dec 2001	Aug 2003

3.	Bachelor of Engineering	Mechanical-Industrial	Universiti Teknologi Malaysia	Sept 1995	Apr 2000
----	-------------------------	-----------------------	-------------------------------	-----------	----------

AWARD AND HONORS RECEIVED

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1.	Excellent Service Award 2019 (Citra Karisma)	UTM	2020
2.	Knowledge Transfer Project: UTM-TDR 16.1 (T2): Design and development of medical plastic enclosure based on IEC 60601-1 standard	UTM (3-star rating)	2019
3.	Knowledge Transfer Project: Development and Analysis of Portable Low Direct Current Stimulation Device for Medical Applications	UTM (3-star rating)	2018
4.	Knowledge Transfer Project: Sistem Kawalan dan Pemantauan Kilang-kilang tanpa lesen menggunakan Mobile Apps untuk Kawasan Muar, Johor.	UTM (4-star rating)	2017
5.	Awarded of Excellence for Active Blended Learning Course (SKMM 3813)	UTM	2017
6.	Awarded Best District Research Award – Muar Digital Gateway	Institute of Strategic Innovation Johor (IISJ)	2017
7.	Knowledge Transfer Project: Persidangan, Latihan Dan Kerjasama Pelaksanaan Dalam Menyokong Projek Mobile Apps Muar (Sistem Kawalan Dan Pemantauan Kilang-Kilang Tanpa Lesen Menggunakan (Mobile Apps) Untuk Kawasan Muar, Johor)	UTM (3-star rating)	2016
8.	Awarded Best Presenter Evaluator for NIOSH 4 th Scientific Conference on Occupational Safety and Health (SciCosh 2016)	International	2016
9.	Excellent Service Award 2012 (Citra Karisma)	UTM	2013
10.	Awarded UTM/SLAB academic scholarship for PhD	UTM/National	2006

11.	Awarded UTM/SLB academic scholarship for Master of Engineering	UTM	2001
-----	--	-----	------

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1.	Manufacturing and Industrial Technology (ME), Malaysia Board of Technologist (MBOT)	National	Professional Technologist (PT20050077)	2020
2.	Malaysia Board of Technologist (MBOT)	National	Graduate Technologist (GT18100258)	2018
3.	International Association of Engineers (IAENG)	International	Member (No: 112312)	2016
4.	Board of Engineer Malaysia (BEM)	National	Graduate Engineer (GE85215R)	2013
5.	Society of Engineering Education Malaysia (SEEM)	National	Member	2011

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT
1.	Program Coordinator	Feb 2017	Sept 2017	MSc of Industrial Engineering FKM
2.	Laboratory Coordinator	Dec 2014	Jan 2017	Industrial Laboratory, FKM, UTM
3.	Head of Panel (Industrial Eng.)	Feb 2012	Sept 2013	Department of Material, Manufacturing & Industrial Eng.
4.	Advisor	Feb 2011	Sept 2013	Industrial Engineering Club (IEC), Universiti Teknologi Malaysia
5.	Acting Head of Panel (Industrial Eng.)	May 2011	Feb 2012	Department of Manufacturing. & Industrial Eng.
6.	Laboratory Coordinator	Jul 2006	Dec 2006	Shop Machine Laboratory, FKM, UTM

7.	Course Coordinator (SMI 4812)	June 2006	Dec 2006	Department of Manufacturing. & Industrial Eng.
8.	Course Coordinator (SMJ3803/ SMU3812/ SMU 2812)	May 2004	Dec 2005	Department of Manufacturing. & Industrial Eng.
9.	Course Coordinator	Aug 2005	Dec 2005	ATMA Programme (SZM 4802), FKM
10.	Academic Advisor	2003	Present	Programme Bachelor of Engineering (Mechanical-Industrial) for Cohort 2003-2006, 2011-2015, and 2016-2020.
11.	Treasurer	June 2001	Dec 2001	Short Course on Response Surface Methods, Faculty of Mechanical Engineering, UTM

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
1.	Senior Lecturer	June 2011	Present	School of Mechanical Engineering, UTM
2.	Project Manager (Intern)	Feb 2014	Sept 2014	Port Tg. Pelepas (PTP), Gelang Patah
3.	Quality Assurance Engineer (Intern)	Sept 2013	Feb 2014	OneSubsea (M) Sdn Bhd, Gelang Patah
4.	Lecturer	2003	June 2011	School of Mechanical Engineering, UTM
5.	Tutor	Nov 2000	2003	School of Mechanical Engineering, UTM
6.	Quality Engineer	May 2000	Nov 2000	Shimano Components (M), Pekan Nanas

CONSULTANCY EXPERIENCE

NO	NAME OF CONSULTANCY	ROLE	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	Optimum Chime Sound for Driver's Alert	Consultant	RM26,100	Aug 2020	July 2021	ASEAN NCAP under UTM Spin-off

						Company (ACTS Smart Solutions Sdn. Bhd.)
2.	Establishment of 3D-printed Child Manikins Using Anthropometric Data of 6 and 10 years old ASEAN Children for ASEAN NCAP	Consultant	RM70,000	Aug 2020	July 2021	ASEAN NCAP under UTM Spin-off Company (ACTS Smart Solutions Sdn. Bhd.)
3.	Child Presence Detection Assessment Methodology & Guidelines for ASEAN NCAP	Consultant (Data Analysis)	RM27,810	Apr 2019	Mar 2020	ASEAN NCAP under UTM Spin-off Company (ACTS Smart Solutions Sdn. Bhd.)
4.	Anthropometric Data of ASEAN Adults and Children for ASEAN NCAP	Consultant (Data Analysis)	RM40,800	Apr 2019	Mar 2020	ASEAN NCAP under UTM Spin-off Company (ACTS Smart Solutions Sdn. Bhd.)
5.	TDCs Minds Future Strategies, RCT and Directions	Member	RM4,800	Sept 2018	Mar 2019	In-kind from Gleneagles Hospital
Total			RM169,510			

FACULTY APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Jawatankuasa Penyediaan MOU UTM-NIOSH	Committee Member	Aug 2020	Aug 2021
2	Social and Welfare Bureau, SKM, UTM	Committee Member	Sept 2018	Sept 2020

3.	Development Program for Professional Qualification, SKM	Committee Member	Sept 2018	Sept 2020
4.	Research Methodology, SKM	Committee Member	Sept 2018	Sept 2020
5.	Jawatankuasa Semakan Kurikulum	Committee Member	Sept 2018	Sept 2020
6.	JK Buku Penyelidikan Dan Book Chapter	Committee Member	Mac 2015	Mac 2016
7.	JK Pengurusan Aset Alih FKM	Committee Member	2015	2015
8.	JK e-Learning	Committee Member	2015	2015
9.	JK Jaminan Kualiti FKM	Committee Member	2015	2017
10.	Student Development, FKM, UTM	Committee Member	Mar 2013	Mar 2015
11.	Learning Outcomes Assessment, FKM, UTM	Committee Member	Mar 2013	Mar 2015
12.	How to Get Yourself Employed (HTGYE) Module, FKM, UTM	Committee Member	Aug 2012	Aug 2014
13.	Promotion Unit, FKM, UTM	Committee Member	Sept 2011	Sept 2013
14.	Academic Committee	Committee Member	2011	2017
15.	Curriculum Committee	Committee Member	2011	2017
16.	Self-Assessment Report' (SAR) Preparation for Postgraduate Programme	Task Force	2017	2017
17.	Self-Assessment Report' (SAR) Preparation for Undergraduate Programme Chapter 4	Task Force	2017	2017
18.	Preparation for EAC Interim Report	Task Force	2016	2016
19.	Jawatan Kuasa Penilaian Tidak Langsung Dan Analisa Data	Committee Member	2013	2013
20.	Jawatankuasa Penilaian Hasil Pembelajaran	Committee Member	2013	2013
21.	'Self-Assessment Report' (SAR) Preparation for Undergraduate Programme	Task Force	2012	2012
22.	Open Day FKM	Committee Member	2012	2012
23.	FME 2010 Annual Report	Committee Member	Feb 2011	Mar 2012

24.	Quality Assurance in Faculty (Clause 9)	Committee Member	2004	2005
25.	Establishment of JKPI Program, FKM, UTM	Committee Member	Oct 2005	2006
26.	Recreation & Social Bureau, FKM, UTM	Committee Member	Dec 2000	Dec 2001

UNIVERSITY APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Harvard Business School (HBS) Case Studies Course	Facilitator	2012	2012
2.	Generic Skills - Critical Thinking and Problem-Solving Skills	Committee Member	Jul 2011	September 2012
3.	Social Harmonization Hal Ehwal Pelajar (HEP), UTM	Committee Member	June 2004	Dec 2005

NATIONAL APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	4 th Workshop on Sample Preparation and Microstructural Analysis 2017	Committee Member	Sept 2017	Sept 2017
2.	UTM-IMM 1 Day Symposium on Materials Processing, Inspection and Testing (MPIT 2017)	Technical Committee	Aug 2017	Aug 2017
3.	Workshop on EurAsian Network for Product Lifecycle Support & Training (EAPSTRA) for SMEs in Malaysia	Assistant Treasurer	Sept 2005	Dec 2005
4.	Workshop on Advanced Product Support Technologies (APOST 2) for SMEs in Malaysia	Committee Member	Dec 2003	2004

INTERNATIONAL APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	7th Mechanical Engineering Research Day (MERD'20), organized by Universiti Teknikal Melaka (UTeM)	Reviewer	Aug 2020	Aug 2020
2.	6 th International Conference on Industrial, Mechanical, Electrical, and Chemical Engineering 2020 (ICIMECE 2020), organized by Universiti Sebelas Maret (UNS)	Reviewer	Jul 2020	Jul 2020
3.	Journal of Industrial and Modern Manufacturing, Scientific Academia Network (Scientiaca)	Editorial Board Member	Jan 2020	Present
4.	Sustainable & Integrated Engineering International Conference 2019 (SIE 2019), organized by Universiti Teknologi Malaysia (UTM)	Reviewer	Oct 2019	Dec 2019
5.	6 th Go Green Summit & Awareness on Climate Change, Bali	Organizing Committee Member/Scientific Review Committee	Nov 2019	Nov 2019
6.	5 th Go Green Summit, Singapore	International Advisory Committee	Jan 2019	July 2019
7.	5 th International Conference on Quantitative Sciences and Its Applications (ICOQSIA) 2018	Scientific Committee/Reviewer	Sept 2017	Jan 2018

	organized by Universiti Utara Malaysia (UUM)			
8.	Innovative Research and Industrial Dialogue (IRID '18) organized by Universiti Teknikal Melaka (UTeM)	Reviewer	Jan 2018	Jul 2018
9.	7 th International Conference on Design and Concurrent Engineering 2018 (IDECON 2018), organized by Universiti Teknikal Melaka (UTeM)	Reviewer	Jul 2018	Sept 2018
10.	Vol 7, No 3.24 Special Issue 24 (2018), International Journal of Engineering and Technology, Science Publishing Corporation (Scopus Index)	Guest Editor	Jan 2017	Dec 2017
11.	3 rd International Materials, Industrial and Manufacturing Engineering Conference (MIMEC 2017) organized by Universiti Teknologi Malaysia (UTM)	Committee Member	Feb 2017	Dec 2017
12.	4 th Scientific Conference on Occupational Safety and Health (SciCosh 2016) in collaboration with NIOSH	Co-Chair Organizing Committee/Reviewer/Poster Evaluator/Presentation Evaluator	Feb 2016	Nov 2016
13.	5 th International Conference on Design and Concurrent Engineering 2016 (IDECON 2016) organized by	Reviewer	Jun 2016	Jul 2016

	Universiti Teknikal Melaka (UTEM)			
14.	1st International of Material, Industrial and Manufacturing Engineering Conference organized by Universiti Teknologi Malaysia (UTM)	Committee Member	Feb 2013	Dec 2013

JOURNAL ARTICLE REVIEWER

NO	NAME OF JOURNAL	PUBLISHER	LEVEL	STARTING DATE
1.	International Journal of Health Planning and Management	John Wiley & Sons Ltd	Web of Science (Q3, IF: 1.367)	Aug 2020
2.	Ingenierie e Investigacion	Universidad Nacional de Colombia	Scopus	Jul 2020
3.	International Journal of Technology (IJTech)	Universitas Indonesia, Depok, Indonesia	Scopus, WOS (ESCI)	Feb 2018
4.	Jurnal Teknologi	Universiti Teknologi Malaysia	Scopus, WOS (ESCI)	2012
5.	Jurnal Mekanikal	School of Mechanical Engineering, Universiti Teknologi Malaysia	Non-index	2017

SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
1.	Bengkel SAR Report Review & Penyediaan Course File Jabatan Kejuruteraan Pembuatan & Industri	UTM	30/03/2011	30/03/2011
2.	Bengkel Outcome Based Education (OBE) Awareness	UTM	06/04/2011	06/04/2011

3.	Bengkel Pelaksanaan Kemahiran Insaniah Di Kalangan Pelajar	UTM	14/07/2011	16/07/2011
4.	Bengkel Pemurniaan Kurikulum Baru	UTM	25/07/2011	25/07/2011
5.	Bengkel Pemurnian Dokumen Manual Kemahiran Universiti	UTM	21/10/2011	23/10/2011
6.	Bengkel Pengukuhan Kaedah Pembelajaran Berpusatkan Pelajar - Student Centred Learning (SCL) Zon Selatan	Persada, Johor	13/05/2011	13/05/2011
7.	Bengkel Pengurusan Penyelidikan Fasa 2	UTM	12/07/2011	13/07/2011
8.	Bengkel Perancangan Strategik FKM 2011	Corus Paradise Resort, Port Dickson	28/07/2011	30/07/2011
9.	Kursus Penasihat Akademik untuk Penasihat Akademik (PA) Tahun 1 Sesi 2011/2012	UTM	26/07/2011	27/07/2011
10.	Kursus Training of Trainers for Facilitator/Speaker How to Get Yourself Employed	UTM	09/11/2011	09/11/2011
11	Sesi Pemurnian Hasil Bengkel Perancangan Strategik 2011	UTM	09/08/2011	09/08/2011
12	Structural Equation Modeling Theory & Practice	Mont Kiara, KL	25/08/2011	26/08/2011
13	Bengkel OBE CRR Online FKM	UTM	21/08/2013	21/08/2013
14	Bengkel Pemantapan Kurikulum Fakulti Kejuruteraan Mekanikal	UTM	13/02/2013	15/02/2013
15	Bengkel Pemantapan Pelaksanaan OBE (Siri II)	UTM	02/08/2013	02/08/2013
16	Bengkel Pemurniaan Courser Outline (L1) Dan Pemetaan Course Learning Outcome (CLO) & Programme Outcome (PO)	UTM	20/02/2013	20/02/2013
17	Bengkel Pengajaran Dan Penilaian	UTM	21/08/2013	21/08/2013
18	Bengkel Penyediaan SAR: Knowledge Profile	UTM	05/09/2013	05/09/2013

19	Bengkel Pengajaran Dan Penilaian FKM	UTM	21/08/2013	21/08/2013
20	Bengkel Penyediaan SAR	UTM	25/01/2013	25/01/2013
21	Code of Ethics/Regulations	UTM	12/09/2013	13/09/2013
22	Kursus Asas E-Pembelajaran 2.3	UTM	27/02/2013	27/02/2013
23	One Day Workshop on EAC Assessment	UTM	26/05/2013	26/05/2013
24	Pra Bengkel Pemantapan Kurikulum	UTM	07/02/2013	07/02/2013
25	Bengkel JK Penilaian Tidak Langsung dan Analisa Data	UTM	2013	2013
26	Bengkel Pemantapan Kurikulum Program Pasca Ijazah	UTM	2013	2013
27	Makmal Perancangan Strategik MMRA	UTM	2013	2013
28	Kursus Mandatori BEM (Safety And Health At Work Place)	UTM	18/08/2014	19/08/2014
29	2-Day Triz Level 1 Training	UTM	30/03/2015	31/03/2015
30	Bengkel Pemurniaan Pemetaan Course-P), CLO & L1	UTM	18/02/2015	18/02/2015
31	Bengkel Penyediaan L1	UTM	26/08/2015	26/08/2015
32	Kursus Facilities Management - Awareness	UTM	03/10/2015	03/10/2015
33	Kursus Orientasi Penyeliaan/Supervisory Orientation Course	UTM	23/08/2015	23/08/2015
34	Bengkel Penulisan Book Chapters	UTM	01/02/2016	02/02/2016
35	Bengkel Perubahan Kurikulum Pasca Siswazah: ICGPA	UTM	09/11/2016	09/11/2016
36	Kolokium "Global Operations Manufacturing And Service Industry"	UTM	25/05/2016	25/05/2016
37	Kolokium - Functional Ceramic Coatings Using Advanced Plasma Technology	UTM	11/10/2016	11/10/2016
38	Kursus Pengurusan Penyelidikan RMC	UTM	05/10/2016	06/10/2016
39	Kursus Preparing Final Exam Question	UTM	03/11/2016	03/11/2016

40	Kursus Supervisory Development Program (AS102) - FKM & FBME	UTM	05/04/2016	07/04/2016
41	Makmal Pengurusan Nilai: Perolehan Peralatan Pembelajaran & Pengajaran (P&P) Universiti Teknologi Malaysia RMKE-11 (RP1)	UTM	14/03/2016	18/03/2016
42	Mymmentor Awareness And Networking Event	UTM	16/05/2016	16/05/2016
43	Perhimpunan Bulanan (September) & Syarahan Profesional : Higher Education Preparing For Future Survival Of Country	UTM	29/08/2016	29/08/2016
44	Strategy Conducting And Managing Impactful Research	UTM	18/10/2016	18/10/2016
45	Sustainability Educational Module Development and Research In Automotive Manufacturing	UTM	14/03/2016	14/03/2016
46	Taklimat Dan Perbincangan Future Direction FKM's Academic Programme	UTM	15/08/2016	15/08/2016
47	Taklimat FRGS & PRGS Fasa 1/2017	UTM	21/12/2016	21/12/2016
48	Taklimat Lawatan Akreditasi 2016	UTM	23/02/2016	23/02/2016
49	Taklimat Perlaksanaan Peraturan OSHE Di FKM	UTM	14/12/2016	14/12/2016
50	Taklimat Elppt & Glosari Myra II	UTM	22/12/2016	22/12/2016
51	Workshop On Quality Research Conduct - A Knowledge Sharing Session	UTM	01/11/2016	01/11/2016
52	Workshop: Introduction Of Rina-Imarest, Membership And C.Eng	UTM	22/08/2016	22/08/2016
53	Alumni Talk - From University To Corporate World : Between Dreams And Reality	UTM	18/04/2017	18/04/2017
54	Bengkel Lean Management Workshop By Bmw	UTM	12/10/2017	12/10/2017

55	Bengkel Pembentangan CAR Dan CQI Mengikut Program	UTM	16/02/2017	16/02/2017
56	Bengkel Penulisan Dan Pembentangan Self-Assessment Report (SAR) Program Pasca Siswazah Siri 2 Fkm	UTM	24/05/2017	25/05/2017
57	Bengkel Penulisan SAR Jabatan Kejuruteraan Bahan, Pembuatan Dan Industri	UTM	04/04/2017	04/04/2017
58	Bengkel Penulisan SAR, Siri II, Jabatan Kejuruteraan Bahan, Pembuatan Dan Industri, Fkm	UTM	12/04/2017	12/04/2017
59	Bengkel Penulisan SAR, Siri III Jabatan Kejuruteraan Bahan, Pembuatan & Industri	UTM	19/04/2017	19/04/2017
60	Bengkel Penulisan/Pra Peer Penilaian Proposal FRGS	UTM	01/02/2017	01/02/2017
61	Bengkel Penyediaan Course File	UTM	18/07/2017	18/07/2017
62	Bengkel Penyediaan Dokumentasi Jurutera Profesional Bagi Staf Akademik	UTM	07/02/2017	07/02/2017
63	Bengkel Perbincangan Dan Penyediaan PAR	UTM	01/03/2017	01/03/2017
64	Bengkel/Taklimat Geran GUP (DPP)	UTM	18/05/2017	18/05/2017
65	Jerayawara Penilaian Prestasi Staf Akademik (Elppt)	UTM	20/08/2017	20/08/2017
66	Kolokium - Leadership In Project & Construction Management In Oil & Gas Industry	UTM	12/11/2017	12/11/2017
67	Perjumpaan Bersama Staf Akademik FKM Dengan TNC(P&I)	UTM	15/03/2017	15/03/2017
68	Productivity Transforming The Workforce	UTM	21/03/2017	21/03/2017
69	Program Hi-Tea With FKM's Final Year Students	UTM	23/05/2017	23/05/2017

70	Syarahan Perdana Siri Ke 85 Oleh Profesor Dr. Esah Hamzah	UTM	17/07/2017	17/07/2017
71	Taklimat Research Student Supervision	UTM	07/03/2017	07/03/2017
72	Utm-Imm 1-Day Symposium On Materials Processing, Inspection And Testing (MPIT 2017)	UTM	24/08/2017	24/08/2017
73	Vehicle Safety Awareness Talk - Seeing The Invisible	UTM	19/04/2017	19/04/2017
74	Bengkel Semakan Kurikulum	UTM	18/07/2018	18/07/2018
75	Bengkel International Grant Day	UTM	19/12/2018	20/12/2018
76	Kolokium - Sustainability at Ikea – as a Chairman	UTM	11/12/2018	11/12/2018
77	Kuliah Tafiqquh Asar	UTM	18/10/2018	18/10/2018
78	Kursus 'Remote Supervision'	UTM	31/10/2018	31/10/2018
79	Public Lecture 'Research Ecosystem @Imperial College' By Professor Ricardo Martinez -Botas	UTM	23/07/2018	23/07/2018
80	Perhimpunan Bulanan Naib Canselor 2018	UTM	07/08/2018	07/08/2018
81	Premier Lecture By YAB Tun Dr. Mahathir Mohamad	UTM	20/09/2018	20/09/2018
82	Sesi Engagement Dekan Bersama Staf Sekolah Kejuruteraan Mekanikal	UTM	30/07/2018	30/07/2018
83	Special Sharing Session On TDR Research Grant 1/2018 Application	UTM	26/08/2018	26/08/2018
84	Taklimat Geran Penyelidikan Newton-Ungku Omar Fund-Leaders In Innovation Fellowship Programme	UTM	03/10/2018	03/10/2018
85	A Workshop on Curating A Teaching Portfolio	UTM	19/11/2019	19/11/2019
86	Amanat Tahun Baharu 2019 Ybhg Prof. Datuk Dr Ahmad Fauzi Bin Ismail, Timbalan Naib Canselor (Penyelidikan Dan Inovasi) UTM	UTM	27/01/2019	27/01/2019

87	Bengkel Penasihat Industri Fakulti Kejuruteraan 2019	UTM	01/08/2019	01/08/2019
88	Bengkel Penulisan Buku Ilmiah Terbitan DBP	UTM	22/01/2019	23/01/2019
89	Bengkel Penyediaan Dan Pembentangan CQI	UTM	19/02/2019	19/02/2019
90	Bengkel Sistem TESDCP	UTM	14/07/2019	14/07/2019
91	Forum OSH Bersama DOSH Dan NIOSH Johor	UTM	05/09/2019	05/09/2019
92	Geometric Dimensioning And Tolerancing (GD&T) Based On ASME Y14.5 M Standard	UTM	21/04/2019	21/04/2019
93	Intervening For Accelerating A Technology Commercialization In University Using Early Chain Intergation: An Umbrella Research	UTM	20/08/2019	20/08/2019
94	Jemputan Bengkel Penulisan Buku Research Methodology Faculty Kejuruteraan UTM	UTM	08/07/2019	09/07/2019
95	Kursus Knowledge Management	UTM	17/03/2019	17/03/2019
96	Kursus Penasihat Akademik (PA) Sesi 2	UTM	03/09/2019	03/09/2019
97	Kursus Teaching Excellence System (TES) - Sesi Pagi	UTM	23/07/2019	23/07/2019
98	Kursus Teaching Excellence System (TES) - SKM/FK	UTM	14/07/2019	14/07/2019
99	Perbincangan Menentukan Hala Tuju Sekolah Kejuruteraan Mekanikal	UTM	07/03/2019	07/03/2019
100	Perjumpaan Dengan Kelompok Bakat UTM	UTM	22/04/2019	22/04/2019
101	Perjumpaan Pengerusi Sekolah Bersama Staf Sekolah Kejuruteraan Mekanikal	UTM	28/08/2019	28/08/2019
102	Program Pemerksaan Kurikulum Abad Ke-21- Fakulti Kejuruteraan	UTM	23/04/2019	23/04/2019
103	Proton Talk : Engineering Graduates Requirements In Automotive Industry	UTM	12/09/2019	12/09/2019
104	Roadshow eLPPT V2.0	UTM	21/08/2019	21/08/2019

105	Sesi Bicara Kepimpinan Ikon @ Industri - Leading Into The Future	UTM	01/12/2019	01/12/2019
106	Sesi Townhall Laluan Kerjaya Pelbagai Trek (Dcp) Dan Laporan Penilaian Prestasi Tahunan (LPPT-DCP) 3/2019	UTM	21/02/2019	21/02/2019
107	Sua Mesra Ybhg Datuk Naib Canselor Bersama Staf Fakulti Kejuruteraan - SKE & SKM	UTM	31/03/2019	31/03/2019
108	Taklimat Implikasi Seksyen 168 Kanun Keseksaan & Penjanaaan Pendapatan Pensyarah UTM	UTM	19/03/2019	19/03/2019
109	Taklimat Pembukaan Geran Baru	UTM	10/09/2019	10/09/2019
110	Taklimat Penerbitan Edited Book SKM	UTM	30/09/2019	30/09/2019
111	Publishing Research when English is your second language	Wiley Research Webinar	13/08/ 2020	13/08/2020
112	Bengkel Penulisan Buku Research Methodology	Bilik Jamuan, DSI	25/08/2020	25/08/2020

RESEARCH ACTIVITIES

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UT M/OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	Head profile scanning and position analysis in the development of ergonomics wearable for Malaysian Population	Project Leader	UTM	TDR Grant UTM	RM64,000	Dec 2018	Nov 2021	Q.J1 3000 0.35 51.0 7G15
2.	Sustainable supply chain performance indicator for GMO and non-GMO food industry	Project Leader	MOE	FRGS	RM59,254	Aug 2017	Dec 2019	R.J1 3000 0.78 24.4 F975

3.	Ergonomics Work Design Station for Quay Crane Operator	Project Leader	UTM	RUG (Tier 2)	RM20,000	Oct 2016	Dec 2017	Q.J1 3000 0.26 24.1 2J23
4.	Performance Measurement of multi-tier supply chain in the Malaysian Food Industry	Project Leader	UTM	RUG	RM40,000	April 2011	Sept 2012	Q.J1 3000 0.26 24.0 4J63
5.	CRG 34.4: Life Cycle Assessment (LCA) Of 3D Bone Tissue Engineering Scaffold	Researcher	National	CRG	RM20,000	Nov 2019	Oct 2021	R.J1 3000 0.73 09.4 B457
6.	Synergistic Approach to Enhance Monitoring and Recognition Performance Of Developing Shewhart Control Chart Patterns	Researcher	UTM	UTM FR	RM63,000	Jan 2020	Dec 2021	Q.J1 3000 0.25 51.2 1H58
7.	A New Intelligent Multi-Criteria Decision-Making Algorithm for Alternative Assessment and Selection in A Sustainable Manufacturing Supply Chain	Researcher	UTM	UTM FR	RM100,000	Jan 2020	Dec 2021	Q.J1 3000 0.25 51.2 0H69
8.	Establishment of Test Manikin Using ASEAN Anthropometric Data for Vehicle Safety Evaluation	Researcher	UTM	UTM ER	RM30,000	Nov 2019	Oct 2021	Q.J1 3000 0.26 51.1 8J27

9.	Highly flexible and conductive graphene/CNTs-polymer composite for medical electrode	Researcher	UTM	TDR Grant UTM	RM80,000	Dec 2018	Nov 2021	Q.J1 3000 0.35 51.0 6G85
10	Design and development of medical plastic enclosure based on IEC 60601-1 standard	Researcher	UTM	TDR Grant UTM	RM40,000	Dec 2018	Nov 2020	Q.J1 3000 0.35 51.0 6G11
11	Stability analysis and current monitoring for effective wearable treatment	Researcher	UTM	TDR Grant UTM	RM56,000	Dec 2018	Nov 2021	Q.J1 3000 0.35 51.0 6G21
12	Inventory management optimization model for recoverable-perishable product	Researcher	UTM	GUP	RM48,500	Feb 2018	Jan 2020	Q.J1 3000 0.25 24.1 8H79
13	Surface modification of plasma sprayed DCL thermal barrier coating for high temperature applications	Researcher	UTM	GUP	RM40,000	July 2017	June 2019	Q.J1 3000 0.25 24.1 6H35
14	Development and analysis of portable low direct current stimulation device for medical applications	Researcher	UTM	GUP	RM40,000	July 2017	June 2019	Q.J1 3000 0.25 24.1 6H12
15	A new Pareto-Based Multi-Objective Imperialist Competitive Algorithm for	Researcher	MOE	FRGS	RM89,000	Aug 2016	July 2019	R.J1 3000 0.78 24.4 F840

	low carbon and energy-efficient job shop scheduling							
16	Optimization of Unequal area Stochastic Dynamic Facility Layout Problems	Researcher	National	Flagship Grant	RM50,000	Jan 2016	Jan 2018	Q.J13000 0.2424.03 G32
17	Research and Development & Commercialization of LED Lighting System & Solar Technology Application	Researcher	National	Crest R&D Grant	RM2,000,000	Jan 2015	Dec 2016	R.J13000 0.76 24.4 C066
18	Distribution cost optimization model for perishable-recoverable product	Researcher	MOE	FRGS	RM57,000	Dec 2014	Nov 2018	R.J13000 0.78 24.4 F662
19	A Causal Model for Total Quality Engineering Practices and ISO/TS16949 in Automotive Industry	Researcher	UTM	RUG (Tier 2)	RM40,000	April 2011	Sept 2012	Q.J13000 0.26 29.0 3J72
Total					RM2,936,754			

COLLABORATION / MOU

NO	NAME OF MOU	LEVEL OF MOU (NATIONAL/INTERNATIONAL)	STARTING DATE	ENDING DATE
1.	Memorandum of Understanding (MoU) with National Institute of Occupational Safety and Health (NIOSH), Bangi	National	15 Nov 2016	14 Nov 2019

2.	Memorandum of Understanding (MoU) with Universitas Sebelas Maret (UNS), Indonesia	International	23 Sept 2016	22 Sep 2019
3.	Letter of Collaboration (LoC) with Active Scientific Sdn. Bhd., Kuala Lumpur	National	15 Aug 2018	14 Aug 2021
4.	Letter of Collaboration (LoC) with Clinical Research Centre (CRC), Hospital Sultanah Aminah (HSA), Johor	National	7 Aug 2018	6 Aug 2021
5.	Non-Disclosure Agreement (NDA) with Neutrinos Engineering Sdn. Bhd., Johor	National	21 Aug 2017	20 Aug 2022

TEACHING ACTIVITIES

UNDERGRADUATE

YEAR OF SEMESTER	SEMESTER (1/2)	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	SECTION
2019/2020	2	SKMM 3813	Introduction to Industrial Engineering	3	05
2019/2020	2	SKMM 3813	Introduction to Industrial Engineering	3	11
2019/2020	1	SKMI 4093	Supply Chain Management	3	01
2019/2020	1	SKMM 3931	Laboratory 3	1	
2018/2019	2	SKMI 4063	Ergonomics and Occupational Safety and Health	3	01
2018/2019	1	SKMI 4093	Supply Chain Management	3	01
2017/2018	1	SKMI 3853	Work Design	3	01
2016/2017	2	SKMM 3813	Industrial Engineering	3	
2016/2017	1	SKMM 4823	Engineering Management, Safety & Economics	3	
2016/2017	1	SKMP 4023	Design for Manufacture and Assembly	3	01
2016/2017	1	SKMP 4712	Design for Manufacture and Assembly	2	01
2014/2015	2	SKMM 3813	Industrial Engineering	3	

2014/2015	1	SKMI 3813	Laboratory 2 (Industrial))	1	
2014/2015	1	SKMM 3931	Laboratory 2(Manufacturing)	1	
2012/2013	1	SMN 4832	Engineering Management	2	01
2011/2012	2	SMU 2812	Industrial Engineering	2	01
2011/2012	1	SMN 3823	Work Design	2	01
2011/2012	1	SME 3813	Industrial Engineering	3	
2006/2007	1	SMJ 4812	Project Management & Maintenance Eng.	2	01
2006/2007	1	SMU 2812	Introduction to Industrial Eng.	3	
2006/2007	1	SMU 2812	Introduction to Industrial Eng.	2	
2005/2006	2	SMM 3803	Introduction to Industrial Eng.	3	
2005/2006	2	SMM 3803	Introduction to Industrial Eng.	3	
2005/2006	1	SMI 4873	Project Management & Maintenance Eng.	3	01
2005/2006	1	SMM 3931	Laboratory IV	1	
2004/2005	2	SMM 3803	Introduction to Industrial Eng.	3	
2004/2005	2	SHD 3802	Introduction to Industrial Eng.	2	
2004/2005	1	SMM 3803	Introduction to Industrial Eng.	3	
2004/2005	1	SHD 3802	Introduction to Industrial Eng.	2	
2003/2004	2	SMM 3941	Laboratory IV	1	
2003/2004	1	SMM 3931	Introduction to Industrial Eng.	3	
2003/2004	1	SMM 3941	Laboratory IV	1	
TOTAL CREDIT HOUR				76	

POSTGRADUATE

YEAR OF SEMESTER	SEMESTER (1/2)	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	SECTION
2019/2020	2	MKMI 1813	Supply Chain Management	3	01
2019/2020	2	MKMI 1813	Supply Chain Management	3	03
2019/2020	1	MKMI 1903	Research Methodology	3	01
2018/2019	2	MKMI 1813	Supply Chain Management	3	01
2018/2019	1	MKMI 1903	Research Methodology	3	01
2017/2018	2	MKMI 1813	Supply Chain Management	3	01
2016/2017	2	MKMI 1813	Supply Chain Management	3	01
2015/2016	2	MKMI 1813	Supply Chain Management	3	01
2015/2016	2	MKMI 1903	Research Methodology	3	01
2014/2015	2	MKMI 1813	Supply Chain Management	3	01
2014/2015	2	MMN 1123	Supply Chain Management	3	03
2014/2015	1	MKMI 1903	Research Methodology	3	01
2012/2013	2	MMN 1123	Supply Chain Management	3	01
2012/2013	2	MMN 1123	Supply Chain Management	3	02
2012/2013	1	MMN 2133	Lean Manufacturing	3	01
2011/2012	2	MMN 1123	Supply Chain Management	3	01
2011/2012	2	MMN 1123	Supply Chain Management	3	02
TOTAL CREDIT HOUR				51	

SUPERVISION

PHD STUDENTS

Main Supervisor

No	Name	Status (Graduated /Ongoing)	Title	Date
1.	Fatin 'Izzati Ishak	Ongoing	An Integrated Dyadic Logistics Performance Measurement for Ocean Freight Industry	2018-present
2.	Emeliasari	Graduated with merit	Sustainable Maintenance Performance Measurement System for Automotive Industry	2012-2017
3.	Najmeh Madadi	Graduated	An Optimum Closed Loop Supply Chain Network Model in a Stochastic Product Life Cycle Context	2012-2016

PhD Co Supervisor

No	Name	Status (Graduated /Ongoing)	Title	Date
1.	Darminto Pujotomo	On-going	The design of the Engineering, Procurement and Construction (EPC) model in the commercialization stage for technology-based companies	2020-present
2.	Nor Miza Hazwani Omar	On-going	Inventory Management for Perishable and Recoverable Products	2018-present
3.	Yusaini Hisham Mohamed	On-going (will be viva on 3/9/2020)	The Relationship Between Halal Food Supply Chain and Halal Integrity: The Moderating Effect of Halal Assurance and Halal Traceability	2012-present
4.	Mohammadehsan Torabizadeh	Graduated	Performance Measurement Model for Sustainable Warehouse Management System	2012-2017

5.	Farshad Behrouzi	Graduated	Generic Performance Management System Guide for Klang Valley Hospitals	2012-2018
----	------------------	-----------	--	-----------

MASTER STUDENTS

Master by Research (Main Supervisor)

No	Name	Status (Graduated /Ongoing)	Title	Date
1.	Anis Anizah Mohammad Baba	Ongoing (Defer study)	Sustainable Performance Measures for Food Supply Chain in Malaysia	2017

Master by Research (Co Supervisor)

No	Name	Status (Graduated /Ongoing)	Title	Date
1.	Nur Hazima Faezaa Ismail	On-going	Establishment of Child Presence Detection Assessment Methodology	2019-present
2.	Ayu Artini Alif Lee	Graduated	Recovery Value Model for Return Perishable Product	2013-2015

Master by Taught Course (Main Supervisor)

No	Name	Status (Graduated /Ongoing)	Title	Date
1.	Azza Zuwaty Din	Graduated	Systematic Methodology for Data Conversion from 3D Scanner Points to Catia Software	2019-2020
2.	Nor Hasbullah Ibrahim	Graduated	Estimation of Safety Factor Gantry Brake for Quay Crane	2017-2018
3.	Fatin 'Izzati Ishak	Graduated	A Framework for Quantitative Risk Assessment at Port	2016-2017

4.	Mohd Azlan Fahmi Muhammad Azmi	Graduated	Analysis and prototype of quay crane workstation for port operator	2016- 2017
5.	Kiefa Vamba Konneh	Graduated	System Dynamics Approach to Supply Chain Performance Measurement in SME	2015- 2016
6.	Liyana Abdul Gafar	Graduated	Supplier Selection for EPCC Company of Oil and Gas Industry	2013- 2014
7.	Obanimomo Kafayat Toyin	Graduated	Performance Measurements Indicator for Downstream Agricultural Supply Chain in Malaysia	2012- 2013
8.	Saeed Mohebbi	Graduated	Analysis Barriers in Implementing Reverse Logistics among Small and Medium Enterprises Electronic Manufacturers in Johor Bahru Malaysia	2012- 2013
9.	Farhad Ziaei	Graduated	Supply Chain Strategies and Competitor's Priority in Appliances Companies using AHP Method	2012- 2013
10.	Umi Kalsom Othman	Graduated	Lean practice evaluation in poultry sectors	2012- 2013
11.	Sulaiha Ali	Graduated	Performance Measurement Metrics for Vegetables Supply Chain in Malaysia	2012- 2013
12.	Masoud Rahiminezhad Galankashi	Graduated	Assessment of Supply Chain Strategies and Factors Affecting Selection of Suppliers for Electrical Companies	2011- 2012
13.	Le Tran Trung Kien	Graduated	Determination of Safety Inventory Under Uncertain Conditions	2011- 2012
14.	Afagh Malek	Graduated	Assessment of Ketchup Companies Performance in Malaysia	2011- 2012

Master by Taught Course (Co Supervisor)

No	Name	Status (Graduated /Ongoing)	Title	Date
1.	Afif Aimaduddin Parnon	Graduated	Productivity Improvements Using Lean Practices at Japanese Electrical and Electronics Manufacturing	2012-2013
2.	Sanusi	Graduated	Optimization of Round Shape Floating LNG Supply Chain Efficiency with Simulation Modeling	2012-2013

UTM POSTGRADUATE EXAMINATION / VIVA**PHD**

NO	ROLE	NAME OF STUDENT	TITLE	YEAR
1.	Assistant Chairman	Tengku Nur Azila Raja Mamat	Framework for the establishment of the end-of-life vehicles management system in Malaysia	Aug 2016
2.	Assistant Chairman	Masoud Rahiminezhad Galankashi	Modelling of operational activities and aggregate production planning for automotive part manufacturers lean supply chain	Jun 2016
3.	Assistant Chairman	Mohamed Handawi Saad Elmunafi	Performance evaluation of finish hard turning using coated carbide cutting tools under minimum quantity lubrication	Apr 2016

4.	Assessor for mini viva (proposal)	Milad Ansari	Modelling, Analysis and Control of Yard Equipment in Seaport Container Trans-shipment	2015
5.	Chairman for mini viva PhD (proposal)	Nagwa M.Ibrahim	Microdrilling of Co-Cr-Mo alloy using maghemite nanoparticles mixed micro-electrical discharge machining	2015
6.	Assessor for mini viva PhD fast track (proposal)	Lee Cheng Sheng	A knowledge management performance measurement system for small and medium enterprises	2013
7.	Assessor for mini viva (proposal)	Gholamreza Gholampour	Strategic and operational performance framework for automotive supply chain in Iran	2013
8.	Assessor for mini viva (proposal)	Ashkan Memari	A bi-objective optimization model for a carbon-capped JIT distribution network	2013
9.	Assistant Chairman	Shiva Mansoorzadeh	Risk based scheduling in engineering, procurement and construction projects in Iran power industry	2012
10.	Assistant Chairman	Ahmad Rasdan bin Ismail	Pembentukan model integrasi bagi parameter persekitaran dalam memaksimumkan produktiviti pekerja	Oct 2012

11.	Assistant Chairman	Fatemeh Harsej	Predictive model for total productive maintenance critical success factors on manufacturing performance in automotive industry	May 2012
12.	Assessor for mini viva (proposal)	Amir Hossein Azadnia	An integrated model for sustainable supplier selection and multi-period multi-product lot-sizing for packaging film industry in Iran	2012
13.	Assessor for mini viva (proposal)	Kuah Chuan Tse	Stochastic Data Envelopment Analysis With Ant Colony Optimization For Knowledge Management Performance Measurement	2011

MASTER BY RESEARCH

NO	ROLE	NAME OF STUDENT	TITLE	YEAR
1.	Assessor for mini viva	Nor Miza Hazwani Omar	An inventory model for a perishable and recovery product	2013
2.	Assessor for mini viva	Bahador Keshvari	Determining the effect of gender and racial differences on mental and physical tasks	2011

PUBLICATIONS

WEB OF SCIENCE INDEXED JOURNAL (ISI)

No	Article Title	Journal Title	ISSN	Vol.	Issues	Page	Publication year	IF	Type of Publication	Category of Publication	Quartile Ranking	Category Author
1.	Identifying sustainable warehouse management system indicators and proposing new weighting method	Journal of Cleaner Production	0959-6526	248	119190	1-11	2020	6.395	Article	Web of Science	Q1	Co-Author
2.	A Review of Biomaterials Scaffold Fabrication in Additive Manufacturing for Tissue Engineering	Journal of Bioactive and Compatible Polymers	0883-9115	34	6	415-435	2019	1.976	Article	Web of Science	Q2	Co-Author
3.	Identification and ranking of specific balanced scorecard performance measures for hospitals: A case study of	International Journal of Health Planning and Management	0749-6753	34	4	1364-1376	2019	1.45	Article	Web of Science	Q3	Corresponding Author

	private hospitals in the Klang Valley area, Malaysia											
4.	Sustainable Agri-Food Supply Chain Performance Measurement Model for GMO and Non-GMO Using Data Envelopment Analysis Method	Applied Sciences	2076-3417	9	6	1199	2019	2.217	Article	Web of Science	Q2	UTM First Author
5.	Evaluation of mechanical and electrochemical properties of FHA-coated Co-Cr implant	Surface Innovation	2050-6252	5	2	90-96	2017	2.333	Article	Web of Science	Q2	Co-Author
6.	An examination of multi-tier supply chain strategy alignment in the food industry	International Journal of Production Research	0020-7543	52 (Special Issue)	7	1911-1925	2014	1.477	Article	Web of Science	Q2	UTM First Author
7.	Applications of the balanced scorecard for strategic management	Australian Health Review	0156-5788	38	2	208-217	2014	0.730	Article	Web of Science	Q3	Co-Author

	and performance measurement in the health sector											
--	--	--	--	--	--	--	--	--	--	--	--	--

SCOPUS INDEXED JOURNAL

1.	Finite Element Analysis of Porosity Effect on Mechanical Properties for Tissue Engineering Scaffold	Biointerface Research in Applied Chemistry	2069-5837	Accepted in Aug 2020	Accepted in Aug 2020	Accepted in Aug 2020	2020	0.16	Article	Scopus	SJR – Q4	Co-Author
2.	The Effect of Halal Supply Chain Management on Halal Integrity Assurance for Food Industry in Malaysia	Journal of Islamic Marketing	1759-0833	In-press	In-press	In-press	2020	0.37	Article	Scopus	SJR - Q3	Co-Author
3.	Comparison of different additive manufacturing patterns on the performance of	Journal of Mechanical Engineering and Sciences	2289-4659	14	1	6417-6429	2020	0.33	Article	Scopus	SJR – Q2	Co-Author

	rapid vacuum casting for mating parts via the Taguchi method											
4.	A simulation-based product diffusion forecasting method using geometric Brownian motion and spline interpolation	Cogent Business & Management	2331-1975	4	1300992	1-16	2017	0.30	Article	Scopus	SJR – Q2	UTM First Author
5.	Mathematical product recovery model for perishable goods	Jurnal Teknologi	2180-3722	77	27	71-75	2015	0.18	Article	Scopus	SJR – Q2	Co-Author
6.	A simulation-based model for determining safety inventory at a fixed-time period system	International Journal of Innovative Technology and Exploring Engineering	2278-3075	8	12	2775-2780	2019	0.1	Article	Scopus	SJR – Q4	Corresponding Author
7.	Safety and Risk Evaluation using HIRARC Model at Palm Oil Mill	International Journal of Innovative Technology and	2278-3075	8	11	790-798	2019	0.1	Article	Scopus	SJR – Q4	Co-Author

		Exploring Engineering										
8.	Risk factors on low back pain amongst port crane in Malaysia	International Journal of Innovative Technology and Exploring Engineering	2278-3075	8	7	1434-1439	2019	0.1	Article	Scopus	SJR – Q4	Corresponding Author
9.	Preliminary framework of Logistics Performance Measurement Systems for Ocean Freight Industry	International Journal of Innovative Technology and Exploring Engineering	2278-3075	8	7S	285-290	2019	0.1	Article	Scopus	SJR – Q4	Corresponding Author
10.	Design automotive driver seat ergonomically for Malaysian Anthropometry	Malaysian Journal of Public Health Medicine	1675-0306	Special Issue	2	60-65	2018	0.14	Article	Scopus	SJR – Q4	Co-Author
11.	Selection of Supply Chain Performance Measurement Frameworks in Electrical Supply Chains	International Journal of Industrial Engineering and Management	2217-2661	5	3	131-137	2014	0.33	Article	Scopus	SJR – Q2	Co-Author

NON-INDEXED JOURNAL

1.	Development of Anthropometric Database for Asean NCAP: A Case Study for Malaysian Children Aged 6 Years Old	Journal of the Society of Automotive Engineers Malaysia	2550-2239	4	2	191-207	2020	-	Article	Non-indexed	-	Co-Author
2.	Child Presence Detection: Assessment Methodology for ASEAN NCAP	Journal of the Society of Automotive Engineers Malaysia	2550-2239	4	2	145-158	2020	-	Article	Non-indexed	-	Co-Author
3.	Child Presence Detection System and Technologies	Journal of the Society of Automotive Engineers Malaysia	2550-2239	3	3	290-297	2019	-	Article	Non-indexed	-	Co-Author
4.	Work Study in A Wood Furniture Manufacturing Company	Jurnal Mekanikal	2289-3873	Special Issue	41	80-86	2018	-	Article	Non-indexed	-	Co-Author
5.	Ergonomic Improvements in An Aircraft Component Manufacturing Company	Jurnal Mekanikal	2289-3873	Special Issue	41	1-8	2018	-	Article	Non-indexed	-	Co-Author

6.	Halal Traceability in Enhancing Halal Integrity for Food Industry in Malaysia – A Review	International Research Journal of Engineering and Technology	2395-0072	3	3	68-74	2016	-	Article	Non-indexed	-	Co-Author
----	--	--	-----------	---	---	-------	------	---	---------	-------------	---	-----------

H INDEX :

Scopus H-Index: 5

WOS H-Index: 5

Google Scholar H-Index: 5

Citation: Scopus: 93, WOS: 77, GoogleScholar: 164

PROCEEDINGS/CONFERENCE

1. Darminto Pujotomo, Syed Ahmad Helmi Syeh Hassan, **Azanizawati Ma'aram**, and Wahyudi Sutopo, (2020), A Systematic Literature Review of Technology Transfer Offices: Research Trends, Collaboration, Assessment and Frameworks, The 5th North American IEOM Society International Conference, 10-14 August, Detroit, Michigan, USA, *Indexed in Scopus*
2. Anis Anizah Mohammad Baba, **Azanizawati Ma'aram**, Fatin 'Izzati Ishak, Rozlina Md Sirat, and Aini Zuhra Abdul Kadir, (2019), Key performance indicator of sustainability in the Malaysian food supply chain, [IOP Conference Series: Materials Science and Engineering, Volume 697, 4th International Conference on Ergonomics & 2nd International Conference on Industrial Engineering 27–28 August 2019, Primula Beach Hotel, Kuala Terengganu, Terengganu, Malaysia, ISSN: 1757-899X](https://doi.org/10.1088/1757-899X/697/1/012002), <https://doi.org/10.1088/1757-899X/697/1/012002> - *Indexed in Scopus*
3. Muhammad Talha, Syed Ahmad Helmi, **Azanizawati Ma'aram**, and Muhammad Hisjam, (2019), Control returnability inventory using System Dynamic modeling and fuzzy logic, Proceedings of the International Conference on Industrial Engineering and Operations Management (IEOM), 5-7 March 2019, Bangkok, Thailand – *Indexed in Scopus*

4. Nor Miza Hazwani Omar, Masine Md Tap, **Azanizawati Ma'aram** and Norizah Redzuan, (2019), An inventory model for a perishable and recoverable product, [Journal of Physics: Conference Series, Volume 1150, International Conference on Mechanical and Manufacturing Engineering \(ICME 2018\) 16–17 July 2018, Johor, Malaysia](https://doi.org/10.1088/1742-6596/1150/1/012018), ISSN: 1742-6596, doi: <https://doi.org/10.1088/1742-6596/1150/1/012018> - *Indexed in Web of Science and Scopus*
5. Keifa Vamba Konneh, Syed Ahmad Helmi Syed Hassan, **Azanizawati Ma'aram** and Muhammad Hisjam, (2018), System dynamics approach to supply chain performance, Proceeding of the International Conference on Industrial Engineering and Operations Management, 2101-2110, 6-8 March 2018 Bandung, Indonesia – *Indexed in Scopus*
6. Emelia Sari, Awaluddin Mohamed Shaharoun, **Azanizawati Ma'aram** and Mohd Yazid, A. (2015), 'Sustainable maintenance performance measures: A pilot survey in Malaysian automotive companies', Procedia CIRP. Elsevier, Vol. 26, 443-448, ISSN: 2212-8271, <https://doi.org/10.1016/j.procir.2014.07.163> – *Indexed in Web of Science and Scopus*
7. Emelia Sari, Awaluddin Bin Mohamed Shaharoun and **Azanizawati Ma'aram** (2014), 'Preliminary framework of sustainable maintenance performance measurement systems for automotive companies', Advanced Materials Research;845:590-595, <https://doi.org/10.4028/www.scientific.net/AMR.845.590> – *Indexed in Web of Science and Scopus*
8. Ghazaleh Tajik, Amir Hossein Azadnia, **Azanizawati Ma'aram** and Syed Ahmad Helmi Syed Hassan (2014), 'A hybrid fuzzy MCDM approach for sustainable third-party reverse logistics provider selection', Advanced Materials Research; 845:521-526, <https://doi.org/10.4028/www.scientific.net/AMR.845.521> – *Indexed in Web of Science and Scopus*
9. Ali Mokhtari Moghadam, Hamed Piroozfard, **Azanizawati Ma'aram** and Seyed Ali Mirzapour (2014), '[Solving a capacitated p-median location allocation problem using genetic algorithm: A case study](https://doi.org/10.4028/www.scientific.net/AMR.845.569)', Advanced Materials Research;845:569-573, <https://doi.org/10.4028/www.scientific.net/AMR.845.569> – *Indexed in Web of Science and Scopus*
10. Shah, S. Izman, Mohammed Rafiq Abdul-Kadir, H. Mas Ayu, Mahmood Anwar and **Azanizawati Ma'aram** (2014), 'Influence of bias voltage on corrosion resistance of TiN coated on biomedical TiZrNb alloy', Advanced Materials Research, 845:436-440, <https://doi.org/10.4028/www.scientific.net/AMR.845.436> – *Indexed in Web of Science and Scopus*

11. **Azanizawati Ma'aram** and Le Tran TrungKien, (2012), '*Safety Inventory under a Periodic Review System*', *Advanced Materials Research* Vols. 591-593 pp 545-552, <https://doi.org/10.4028/www.scientific.net/AMR.591-593.545> –Indexed in *Web of Science and Scopus*
12. Sanusi, Jaswar and **Azanizawati Ma'aram**, (2012), *Optimization of Rounded-Shape Floating LNG Supply Chain Efficiency with Simulation Modeling*, International Conference on Marine Technology, 20-22 October 2012 Kuala Terengganu, Malaysia.
13. Sanusi, Jaswar Koto and **Azanizawati Ma'aram**, (2012), *Optimization of Rounded-Shape Floating LNG Production and Storage Capacity Using Simulation Modeling*, Proceeding of the 6th Asia-Pacific Workshop on Marine Hydrodynamics (APHydro), 3-4 September 2012, Johor.
14. Masoud Rahiminezhad Galankashi and **Azanizawati Ma'aram**, (2012), *Assessment of Supply Chain Strategies and Factors Affecting Selection of Suppliers for Electrical Companies*, *Proceeding of the Conference in Engineering Business Management*, 28-29th August 2012, Melaka.
15. Afagh Malek and **Azanizawati Ma'aram**, (2012), *Empirical Evidence on Supply Chain Strategy Adoption and Selection of Performance Measures Metrics for Ketchup Companies in Malaysia*, Proceedings of the 2012 International Conference on Industrial Engineering and Operations Management, July 3 – 6, 2012, Istanbul, Turkey.
16. Norhanim Abdul Samat, Zuraini Ali Shah, **Azanizawati Ma'aram** and Sharifah Zyrina Noordin, (2006), *CoLMIS: Sistem Maklumat Pengurusan Kepimpinan Kolej*, Persidangan Pembangunan Pelajar Peringkat Kebangsaan, 8-9 Ogos 2006, Hotel Grand Season, Kuala Lumpur.
17. Norhanim Abdul Samat, Zuraini Ali Shah, **Azanizawati Ma'aram** and Sharifah Zyrina Noordin, (2005), *The impact of facilities and surrounding on student choice of residential colleges*, Seminar Pengurusan Asrama Peringkat Kebangsaan (SPARK) 2005, 27-30 Nov 2005, Melaka.

18. **Azanizawati Ma'aram**, Safian Sharif, Khidzir Zakaria and Jafri Mohd Rohani, (2003), *Quality assessment of hollow prototypes model in fused deposition modeling*, Proceeding 19th International Conference on CAD/CAM, Robotics and Factories of the Future, 22-25 July 2003, Kuala Lumpur.

THESIS

1. Azanizawati Ma'aram, An examination of multi-tier supply chain strategy alignment in the food industry, PhD Thesis, University of Liverpool, United Kingdom (2011).
2. Azanizawati Ma'aram, A quality assessment for hollow rapid prototype model, Master of Engineering (Advanced Manufacturing Technology), Master Thesis, Universiti Teknologi Malaysia, Malaysia (2003).
3. Azanizawati Ma'aram, Kajian Pemeriksaan Berdasarkan Risiko Dalam Industri Penapisan Petroleum, Bachelor of Engineering (Mechanical-Industrial) Thesis, Universiti Teknologi Malaysia (2000).

ORIGINAL BOOK

1. Noor Irza Mohd Zaki, Nurulakmar Abu Husain, Siti Mahirah Che Husin, Mohd Khairi Abu Husain, **Azanizawati Ma'aram**, Aina Farhanah Adanan, Annisa Jusuf, Julaluk Carmai, Yahaya Ahmad and Khairil Anwar Abu Kassim, Anthropometric data of ASEAN adults and children for ASEAN NCAP, ACTS Smart Solutions Sdn Bhd (UTM Spin-Off Company), Malaysia (2020), ISBN: 978-983-40842-0-2.
2. Nurulakmar Abu Husain, Noor Irza Mohd Zaki, Mohd Khairi Abu Husain, Ikmal Alif Ahmad Sukri, **Azanizawati Ma'aram**, Nur Hazima Faezaa Ismail, Mohd Shuhaibul Fadly Mansor, Adriyanto S. Wiyono, Thitima Chaiyakul, Yahaya Ahmad and Khairil Anwar Abu Kassim, Child Presence Detection (CPD): Assessment Methodology & Guidelines for ASEAN NCAP, ACTS Smart Solutions Sdn Bhd (UTM Spin-Off Company), Malaysia (2020), ISBN: 978-983-40842-1-9.

3. Farhad Ziaei, **Azanizawati Ma'aram** and Masoud Rahiminezhad Galankashi, Supply Chain Strategy: Critical Keys to Success, First Edition, LAP Lambert Academic Publishing, Germany, (July 2015), ISBN-10: 3659265551, ISBN-13: 978-3659265556.
4. Masoud Rahiminezhad Galankashi, **Azanizawati Ma'aram** and Farhad Ziaei, (2014), Supply Chain Management: Supply Chain Strategy, Supply Chain Performance Measurement, Supplier Selection, First Edition, LAP Lambert Academic Publishing, Germany, (Jan 2014), ISBN-10: 3659502545, ISBN-13: 978-3659502545.

PLENARY/CHAIRPERSON/ORAL POSTER PRESENTER/KEYNOTE ADDRESS / INVITED GUEST SPEAKER

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1.	Speaker	Data Analysis Using SPSS, at the Saung Ilmu and Academic Award organized by International Student Society (ISS) – Indonesia, Universiti Teknologi Malaysia.	Jan 2020	P19, School of Electrical Engineering, UTM
2.	Speaker	Workshop on Survey Development and Data Analysis Using SPSS, organized by ACTS Smart Solutions Sdn Bhd, Universiti Teknologi Malaysia, Kuala Lumpur.	Dec 2019	Razak School, UTMKL
3.	Chairperson for Parallel Session	4 th Scientific Conference on Occupational Safety and Health (SciCosh 2016)	14-17 Nov 2016	Persada International Convention Centre, Johor Bahru.
4.	Poster Evaluator	4 th Scientific Conference on Occupational Safety and Health (SciCosh 2016)	14-17 Nov 2016	Persada International Convention Centre, Johor Bahru.
5.	Evaluator for the Best Presenter	4 th Scientific Conference on Occupational Safety and Health (SciCosh 2016)	14-17 Nov 2016	Persada International Convention Centre, Johor Bahru.

PROFESSIONAL SERVICES

Consultation and Training

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION	TOTAL INCOME GENERATED (RM)
1.	Trainer	Workshop on Data Analysis Using SPSS and ANOVA	Sept 2018	Ashikin Training Centre, Taman Universiti, Skudai	600

2.	Facilitator	Writing Workshop for SciCosh 2016	Sept 2016	NIOSH Southern Branch, Johor	0
3.	Facilitator	Workshop on Abstract Writing	June 2016	NIOSH Bangi, Selangor.	0
4.	Speaker	Kursus Pembentukan JKM Kolej 9	Dec 2005	Lake Chini Resort, Kem Khidmat Negara, Pahang	0
5.	Speaker	Kursus Pemantapan JKM Kolej 9	Aug 2005	Pulau Sibul, Mersing, Johor	0

Grant based on innovation and University Commercialisation Product

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM /OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	Development Of Test Manikin Using Malaysian Children Anthropometry Data For Vehicle Safety Assessment (My-C10 Test Manikin)	Member	UTM	PRGS-ICC	RM20,000	1 April 2020	30 Sept 2021	R.J1 300 00.7 751. 4J4 45

Community Project

NO	ROLE	NAME OF PROJECT	TYPE OF GRANT	DATE	TOTAL VALUE OF PROJECT (RM)
1	Researcher S.J130000.0824.4Y064	Persidangan, Latihan Dan Kerjasama Pelaksanaan Dalam Menyokong Projek Mobile Apps Muar (Sistem Kawalan Dan Pemantauan	Matching Grant for Knowledge Transfer Fund (CCIN)	Nov 2016- Jan 2017	RM5,000

		Kilang-Kilang Tanpa Lesen Menggunakan (Mobile Apps) Untuk Kawasan Muar, Johor)			
2	Researcher Q.J130000.2524.14H85	Sistem Kawalan dan Pemantauan Kilang-kilang Tanpa Lesen Menggunakan (Mobile Apps) untuk Kawasan Muar, Johor.	IISJ	Jul 2016- Apr 2017	RM34,900

Community and University Services

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
1.	Member	Hari Informasi PascaSiswazah	Jul 2017	University	UTM
2.	Committee Member	Kumpulan Sokongan Ibubapa Sek Keb Sri Pulai Perdana (SKSPP)	2016	Community	Pulai Perdana
3.	Evaluator	Introduction to Design (I2D'15)	2015	Faculty	UTM
4.	Chair	Adhoc Committee for Sponsorship of Faculty's Annual Dinner	2015	Faculty	UTM
5.	Committee Member	Promotion for Postgraduate program of Mechanical Engineering	2011	International	4 universities in Pekanbaru, Indonesia
6.	Committee Member	Promotion and research visit for Industrial PhD Programme	2012	Faculty	Boustead Naval Shipyard (BNS) Lumut, Perak
7.	Member	Program Korea Global Awareness	2012	International	Seoul Institute For Vocational Training In Advanced Technology (Sivat),

					South Korea
8.	Academic Advisor	First Year Experience (FYE)	Sept 2011	Sept 2011	UTM
9.	Speaker	Kursus Pembentukan JKM Kolej 9	Dec 2005	Kolej 9, UTM	Lake Chini Resort, Kem Khidmat Negara, Pahang
10.	Speaker	Kursus Pemantapan JKM Kolej 9	Aug 2005	Kolej 9, UTM	Pulau Sibul, Mersing, Johor
11.	Advisor	Majlis Makan Malam dan Anugerah Kolej 9	2005	Kolej 9, UTM	DSI, UTM
12.	Vice President	Welfare Body in Kolej 9	2005-2006	Kolej 9, UTM	Kolej 9, UTM
13.	Speaker	Selection Course for College Student Committee, Kolej 9 entitled - 'How to Communicate Effectively'	2004	Kolej 9, UTM	Tanjung Balau, Johor
14.	College Fellow	Kolej 9, UTM	2003-2005	Kolej 9, UTM	Kolej 9, UTM
15.	Assistant College Fellow	Kolej Tun Fatimah, UTM	2000-2002	Kolej Tun Fatimah, UTM	Kolej Tun Fatimah, UTM

Endowment and Wakaf to University

NO	NAME OF ENDOWMENT AND WAKAF	TOTAL CONTRIBUTION (RM)
1.	Endowment Fakulti Kejuruteraan Mekanikal	RM600/annually
2.	Dana Wakaf Pendidikan	RM50
3.	Tabung Because We Care	RM50
4.	Tabung Pembangunan Semula Rumah Adik Syafiq	RM50

Patent Granted and Filing

NO	NAME OF PATENT	STATUS OF PATENT	
1.	Qibla Compass	Filed	17-E0020-0101

Copyright

NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT	
1.	MS Excel-based Tool for Sustainable Maintenance Performance Measures	Granted	IP/CR/2017/0643
2.	Survey on Vehicle Passengers Seating Positioning Preference by ASEAN Consumers	Filed	LY2019007046
3.	Child Presence Detection Assessment Methodology	Filed	LY2019007047
4.	Anthropometry Database for Malaysian Children	Filed	LY2019007048
5.	3D Model Sitting Position for Malaysian Children Anthropometry	Filed	AR2019007049
6.	Anthropometry Survey Form	Filed	LY2019007050