UTM
UNIVERSITI TEKNOLOGI MALAYSIA

CURRICULUM VITAE

PERSONAL DETAILS

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Address	:	Department of Educational Sciences, Mathematics and Creative Multimedia,
		School of Education,
		Faculty of Social Science and Humanities (FSSH)
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Website	:	https://people.utm.my/azean
Expertise	:	Educational Technology and Multimedia,
		Authentic Learning, Visual Thinking, Online Learning,
		MOOCs and Hybrid Service Learning

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	YEAR
1	Diploma	Computer Science	Universiti Teknologi Malaysia	1998
2	B. Sc.	Computer	Universiti Teknologi Malaysia	2001
3	M.Sc.	Information Technology	Universiti Teknologi MARA	2005
4	Ph.D.	Educational Technology	Universiti Teknologi Malaysia	2012

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ ORGANISATION
1	Account Assistant	1st Mar 1995	30th June 1995	Bridgestone Sdn Bhd
2	Account Assistant	1st July 1995	30th Dec 1995	MBF Finance Sdn Bhd
3	Programmer	1st April 1998	30th Oct 1998	Computer Center, UTM
4	Tutor	5th Nov 2001	15th June 2005	Faculty of Education, UTM
5	Lecturer	1st July 2005	31st Dec 2012	Faculty of Education, UTM
6	Senior Lecturer	2013	2021	Faculty of Education, Faculty of Social Sciences and Humanities, UTM

AWARD AND HONORS RECEIVED

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1	Silver Medal	The invention/innovation of JUZCLICK: Dictionary Interactive Multimedia, **36th International Exhibition of Inventions New Techniques and Products Geneva**, 2-6th April 2008, **Geneva Palexpo, Switzerland**.	2008
2	Silver Medal	The invention/innovation of Programme Pedagogy Personalised, **36th International Exhibition of Inventions New Techniques and Products Geneva,** 2-6th April 2008, **Geneva Palexpo, Switzerland**.	2008
3	Gold Medal	the Invention/Innovation of JUZCLICK: Online Interactive Multimedia Dictionary, **Malaysia Technology Expo 2008 (MTE)**, 21-23rd February 2008, Putra World Trade Center (PWTC), Kuala Lumpur.	2008
4	Gold Medal	the Invention/Innovation of Personalized Learning Courseware Through Digital Learning Object Concept for Learning Multimedia and Computer Networking (DLOC), **Malaysia Technology Expo 2008 (MTE)**, 21-23rd February 2008, Putra World Trade Center (PWTC), Kuala Lumpur.	2008
5	The Best Award	The Invention/Innovation of Personalized Learning Courseware Through Digital Learning Object Concept for Learning Multimedia and Computer Networking (DLOC), **Malaysia Technology Expo 2008 (MTE)**, 21-23rd February 2008, Putra World Trade Center (PWTC), Kuala Lumpur.	2008
6	Anugerah Khas	Penglibatan Dalam Pertandingan Penyelidikan, Sambutan 15 Tahun & Majlis Kualiti Fakulti Pendidikan 2008, Received at 16th May 2008	2008

7	Gold Medal	OER Integration: OCW & MOOCS, **National University Carnival on eLearning 2014 (NUCeL2014)**, 14-15th November 2014, Shah Alam Convention Centre, Selangor	2014
8	Gold Medal	for BLOSSOMS: Helps Develop Students' Higher Order Thinking Skills (HOTS) in Learning STEM, **National University Carnival on eLearning 2014 (NUCeL2014)**, 14-15th November 2014, Shah Alam Convention Centre, Selangor	2014
9	Gold Medal	Mandarin Tutor Apps, **National University Carnival on eLearning 2014 (NUCeL2014)**, 14-15th November 2014, Shah Alam Convention Centre, Selangor	2014
10	Gold Medal	Mental Arithmetic Fun Learning, **National University Carnival on eLearning 2014 (NUCeL2014)**, 14-15 November 2014, Shah Alam Convention Centre, Selangor	2014
11	Gold Medal	BLOSSOMS: Blended Learning Approach that Helps Develop Teachers' and Students' Higher Order Thinking Skills (HOTS) in Science, Technology, Engineering and Mathematics (STEM), **Innovative Practices In Higher Education Expo 2015 (I-PHEX)**, 6th August 2015, Main Hall, Universiti Teknologi Malaysia, Kuala Lumpur	2015
12	Gold Medal	Implementation of Engineering and Computing Courses Through MOOCs Based on Authentic Learning Environment, **National University Carnival on eLearning 2015 (NUCeL2015)**, Category of Invention, Innovation & Design On E-Learning (IIDEL) 2015, 14-15th December 2015, Main Hall, Sultan Azlan Shah Campus, UPSI, Perak	2015
13	Bronze Medal	My IQ Apps (My Intelligent Quotient), **National University Carnival on eLearning 2015 (NUCeL2015)**, Category of Invention, Innovation & Design On E-Learning (IIDEL), 14-15th December 2015, Main Hall, Sultan Azlan Shah Campus, UPSI, Perak	2015
14	Bronze Medal	Brainiac Apps, **National University Carnival on eLearning 2015 (NUCeL2015)**, Category of Invention, Innovation & Design On E-Learning (IIDEL), 14-15th December 2015, Main Hall, Sultan Azlan Shah Campus, UPSI, Perak	2015
15	Bronze Medal	Development Process of UTM MOOCS **National University Carnival on eLearning 2015 (NUCeL2015)**, Category of Invention, Innovation & Design On E-Learning (IIDEL), 14-15th December 2015, Main Hall, Sultan Azlan Shah Campus, UPSI, Perak	2015
16	Shortlisted	The Wharton-QS Stars Reimagine Education Awards 2015 (WQS Stars 2015)	2015
17	Special Appreciation	Appreciation for Field Expert and Developer of Malaysiay MOOC 2015 (Courses for Universiti Teknologi Malaysia 2014/2015) • Web Based Multimedia Development • Data Structures and Algorithms • Highway Engineering • Mechanical and Electrical Works Measurement 30th December 2015, Majlis ePembelajaran IPTA Malaysia (MEIPTA), Malaysia	2015
18	Awards of Excellent	Recognition of Valuable Contribution Active Blended Learning Course, (Semester 1-2015/2016) • MPT1393 - Web Based Multimedia Development • MPPP1353 - Management of Computer Network and Telecommunication (Semester 2 -2015/2016) • SPPM1013 – Telecommunication and Networking • MPPP1353 - Management of Computer Network and Telecommunication	2016

		31st July 2016, UTM Academic Leadership (UTMLead), Universiti Teknologi Malaysia	
19	Gold Medal	Implementation of Educational Technology Course Through MOOCs Based on Authentic Learning Strategy, **3rd International Innovative Practices in Higher Education Expo (I-PHEX 2016)**, 10th August 2016, Dewan Azman Hashim, Universiti Teknologi Malaysia, Kuala Lumpur	2016
20	Silver Medal	'Modul Strategi Pembelajaran Penaakulan Berfokuskan Metakognitif Menerusi Model Dimensi Pembelajaran Marzano', Innovative Practices In Education and Industry Exhibition (I-PEINX 2016), 14th March 2016, Dewan Sultan Iskandar, Universiti Teknologi Malaysia, Johor	2016
21	Silver Medal	for Learning Strategy for 3D Plan & Elevation Using Sketchup Make to Promote Students's Visual Spatial Skill & Van Hiele Geometry Thinking, Innovative Practices In Education and Industry Exhibition (I-PEINX 2016), 14th March 2016, Dewan Sultan Iskandar, Universiti Teknologi Malaysia, Johor	2016
22	Silver Medal	Using Mason's Mathematical Learing Strategy in Outside of Classroom Environment (MATHOC), Innovative Practices In Education and Industry Exhibition (I-PEINX 2016), 14th March 2016, Dewan Sultan Iskandar, Universiti Teknologi Malaysia, Johor	2016
23	Silver Medal	Integration of MOOCs as Blended Learning in Learning Research Methodology Course, **International University Carnival on eLearning (IUCEL) 2016**, 20-21st September 2016, Dewan Sultan Iskandar, Universiti Teknologi Malaysia, Johor	2016
24	Silver Medal	Implementation of Authentic Learning Strategy for Web Based Development Course Through MOOCs, **International University Carnival on eLearning (IUCEL) 201**6, 20-21 September 2016, Dewan Sultan Iskandar, Universiti Teknologi Malaysia, Johor	2016
25	Anugerah Perkhidmatan Cemerlang	Majlis Anugerah Kecemerlngan Dan Penghargaan UTM 2016 **(Citra Karisma)**, 31st May 2016, Dewan Sultan Iskandar, Universiti Teknologi Malaysia, Johor	2016
26	Anugerah Khas Juri	Produk Inovasi: Multipurpose Rainbow Pouches Hari Inovasi Fakulti Pendidikan 2016 8th December 2016, Dewan Astana & Centre Of Student Innovation, Universiti Teknologi Malaysia, Johor	2016
27	Anugerah Khas Juri	Produk Inovasi: Pola Boleh Laras Pakaian Tradisional Kanak-Kanak Hari Inovasi Fakulti Pendidikan 2016 8th December 2016, Dewan Astana & Centre of Student Innovation, Universiti Teknologi Malaysia, Johor	2016
28	Gold Medal	Implementation of Engineering Course through MOOCs based on Authentic Learning Environment, **International Invention, Innovation and Design (IIID) Johor 2017 Exhibition,** 8-9th March 2017, Grand Ballroom, Amansari Residence Resort, Bandar Seri Alam, Johor	2017
29	Awards of Excellent	Recognition of Valuable Contribution Active Blended Learning Course, (Semester 1-2016/2017) - MPPP1403 – Innovative Learning Environment - MPPP1353 - Management of Computer Network and Telecommunication - MPPP1203 – Educational Technology Foundation and Research	2017

		• MPPU1003 – Innovation in Learning & Teaching 31st December 2017, UTM Academic Leadership (UTMLead), Universiti Teknologi Malaysia	
30	Gold Award	Improving Students Learning Outcome Through E-Service Learning Based on Authentic Learning Strategy New Academia Learning Innovation (NALI) 2018 Exhibition & Competition 25th - 26th September 2018, Dewan Sultan Iskandar, Universiti Teknologi Malaysia	2018
31	Gold Award	Reka Bentuk Modul Pembelajaran Kendiri Menerusi Pembelajaran Berasaskan Senario New Academia Learning Innovation (NALI) 2018 Exhibition & Competition 25th - 26th September 2018, Dewan Sultan Iskandar, Universiti Teknologi Malaysia	2018
32	Silver Award	Comprehensive Academic Programme Development and Improvement: For Islamic Study Curriculum New Academia Learning Innovation (NALI) 2018 Exhibition & Competition 25th - 26th September 2018, Dewan Sultan Iskandar, Universiti Teknologi Malaysia	2018
33	Silver Award	Edutainment Mobile Application: Kembara Nombor New Academia Learning Innovation (NALI) 2018 Exhibition & Competition 25th - 26th September 2018, Dewan Sultan Iskandar, Universiti Teknologi Malaysia	2018
34	Silver Award	Learning Highway Engineering Course Through MOOC Platform: Students' Awareness and Accessibility New Academia Learning Innovation (NALI) 2018 Exhibition & Competition 25th - 26th September 2018, Dewan Sultan Iskandar, Universiti Teknologi Malaysia	2018
35	Silver Award	Pembelajaran Berasaskan Komuniti Menerusi Program Lestari Komuniti Kemboja 2.0 New Academia Learning Innovation (NALI) 2018 Exhibition & Competition 25th - 26th September 2018, Dewan Sultan Iskandar, Universiti Teknologi Malaysia	2018
36	Bronze Award	International Service Learning Program (ISLP) New Academia Learning Innovation (NALI) 2018 Exhibition & Competition 25th - 26th September 2018, Dewan Sultan Iskandar, Universiti Teknologi Malaysia	2018
37	Bronze Award	Implementation of BLOSSOMS Modules for Highway Engineering Course to Enrich Students Learning Experience New Academia Learning Innovation (NALI) 2018 Exhibition & Competition 25th - 26th September 2018, Dewan Sultan Iskandar, Universiti Teknologi Malaysia	2018
38	Top 3 Finalist	International Service Learning: Cambodia, Indonesia & Malaysia NALI 2018 Award New Academia Learning Innovation (NALI) 2018 Award 25th - 26th September 2018, Dewan Sultan Iskandar, Universiti Teknologi Malaysia	2018
39	Gold Medal	Design and Development of Learning Activities for E-Service Learning Program based on Authentic Learning Strategy e-Learning Carnival & Conference 2018 (eLCC 2018) 16th July, Dewan Utama UTeM, Universiti Teknikal Melaka, Melaka	2018
40	Bronze Medal	Implementation Holistic of Social Learning Environment e-Learning Carnival & Conference 2018 (eLCC 2018), 16th July, Dewan Utama UTeM, Universiti Teknikal Melaka, Melaka	2018

41	Awards of Excellent	In Recognition of Valuable Contribution Active Blended Learning Course (Semester 1-2017/2018) • MPPP1203 - Educational Technology Foundation and Research • MPPP1353 - Management of Computer Network and Telecommunication 31st December 2018, UTM Academic Leadership (UTMLead), Universiti Teknologi Malaysia	2018
42	Awards of Excellent	In Recognition of Valuable Contribution Active Blended Learning Course (Semester 2-2017/2018) • MPPP1403 - Innovative Learning Environment • MPPU1003 - Innovation in Learning and Teaching 31st December 2018, UTM Academic Leadership (UTMLead), Universiti Teknologi Malaysia	2018
43	First Place	Pembelajaran Servis Terbaik (ICT for Community Services) Hari Kokurikulum UTM 2018 15th May 2018, Dataran Pusat Kokurikulum dan Pembelajaran Servis (CCSL), Universiti Teknologi Malaysia	2018
44	Gold Award	Integration of E-Service Learning Platform in Authentic Learning Environment for Computer Network Cabling and Setup New Academia Learning Innovation (NALI) 2019 Exhibition & Competition 18th September 2019, Convention Hall, Faculty of Built Environment & Surveying, Universiti Teknologi Malaysia	2019
45	Top 3 Finalist	Promoting Students' Engagement through e-Service Learning for Multimedia Design Course NALI 2019 Award New Academia Learning Innovation (NALI) 2019 Exhibition & Competition 18th September 2019, Convention Hall, Faculty of Built Environment & Surveying, Universiti Teknologi Malaysia	2019
46	Gold Award	Program Pembelajaran Servis Terbaik (Kluster Akademik & Profesional) Hari Kokurikulum UTM 2019 21st December 2019, Dewan L50 & Dataran Pusat Kokurikulum dan Pembelajaran Servis (CCSL), Universiti Teknologi Malaysia	2019
47	Best Award	Program Pembelajaran Servis Terbaik (Keseluruhan) Hari Kokurikulum UTM 2019 21st December 2019, Dewan L50 & Dataran Pusat Kokurikulum dan Pembelajaran Servis (CCSL), Universiti Teknologi Malaysia	2019
48	Finalist	Penguasaan Kemahiran Generik dan Pemikiran Reflektif Pelajar Menerusi Pembelajaran Servis Berdasarkan Strategi Pembelajaran Autentik (K-GenRe PSA) **Anugerah Khas YB Menteri Pendidikan Malaysia: Rekabentuk Kurikulum Dan Penyampaian Inovatif Tahun 2019 (AKRI 2019)** 11th – 12th September 2019, Grand Mesmera Ballroom, Hotel The Everly Putrajaya	2019
49	Awards of Excellent	In Recognition of Valuable Contribution Active Blended Learning Course (Semester 1-2020/2021) • SHPP1702 (SEM1-20202021) • SPPP2343 (SEM1-20202021) • SPPP2343 (SEM2- 20192020) • MPPU1003 (SEM1- 20202021) • MPPU1003 (SEM3- 20192020) 31st December 2020, UTM Academic Leadership (UTMLead), Universiti Teknologi Malaysia	2020
50	Best Award	Anugerah Buku Karya Asli Terbaik Majlis Apresiasi Fakulti Sains Sosial dan Kemanusiaan 2020 15th December 2020, Dewan Seminar Fakulti Sains Sosial dan Kemanusiaan, Universiti Teknologi Malaysia	2020

51	Gold Award	Kit Amalan Hijau: Gamifikasi dalam Pembelajaran Pendidikan Alam Sekitar Kanak-Kanak Sekolah Rendah Pertandingan Inovasi MEDC 2020 (InnoMEDC 2020) Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam Malaysia (MEDC 2020) 11th-12th November 2020, Universiti Sains Islam Malaysia (Online)	2020
52	Silver Award	Students Engagement in Hybrid Service Learning for Network Cabling Installation Pertandingan Inovasi MEDC 2020 (InnoMEDC 2020) Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam Malaysia (MEDC 2020) 11th-12th November 2020, Universiti Sains Islam Malaysia (Online)	2020
53	Gold Medal	Gamified Hybrid Service Learning to Promote Students Engagement and Generic Skills New Academia Learning Innovation 2020 (NALI2020) 7th-10th December 2020, Dewan Seminat UTMLead, Universiti Teknologi Malaysia (Online)	2020
54	Anugerah Perkhidmatan	Anugerah Perkhidmatan Cemerlang FSSH	2021
55	Silver Medal	Virtual Convention Of My Stem Ambassador: Pertandingan Poster Integrasi Pembelajaran Servis Dalam Pendidikan Stem : Rangkaian Komputer	2021
56	Gold Medal	Virtual Convention Of My Stem Ambassador: Pertandingan Poster Integrasi Pembelajaran Servis Dalam Pendidikan Stem : Program Multimedia Kreatif	2021
57	Gold Medal	1st National Conference On SULAM 2021 (1ST SULAM '21): Creative Multimedia For 21st Century Learning (I-CREAM '21)	2021
58	Gold Medal	1st National Conference On Sulam 2021 (1ST SULAM '21) : Community Computer Network Infrastructures (COM2NETS)	2021
59	Silver Medal	New Academia Learning Innovation 2021 (NALI2021): Self Determination Theory In Extreme E-Service Learning Engagement (SEDEEE)	2021
60	Silver Medal	1st National Conference On SULAM 2021 (1ST SULAM '21)	2021
61	Finalist Platinum Award	1st National Conference On SULAM 2021 (1ST SULAM '21) : Finalis Anugerah Platinum	2021
62	Anugerah Pengajaran	Anugerah Kualiti Akademik	2021
63	Awards of Excellent	Anugerah Kecemerlangan Sebagai Kursus Paling Aktif Menggunakan Kaedah Pembelajaran Teradun : Telekomunikasi Dan Rangkaian Komputer (Telecommunication And Computer Network) - 202120221 (SHPP1032 - 05)	2021
64	Awards of Excellent	Anugerah Kecemerlangan Sebagai Kursus Paling Aktif Menggunakan Kaedah Pembelajaran Teradun :Telekomunikasi Dan Rangkaian Komputer (Telecommunication And Computer Network) - 202120221 (SHPP1032 - 04)	2021
65	Awards of Excellent	Anugerah Kecemerlangan Sebagai Kursus Paling Aktif Menggunakan Kaedah Pembelajaran Teradun : Sistem Pengurusan Maklumat Dan Pembangunan Pangkalan Data (Information Management System And Database Development) - 202020212 (SHPP2343 -03)	2021
66	Awards of Excellent	Anugerah Kecemerlangan Sebagai Kursus Paling Aktif Menggunakan Kaedah Pembelajaran Teradun : Sistem Pengurusan Maklumat Dan Pembangunan Pangkalan Data (Information Management System And Database Development) - 202020212 (SHPP2343 - 01)	2021
67	Awards of Excellent	Anugerah Kecemerlangan Sebagai Kursus Paling Aktif Menggunakan Kaedah Pembelajaran Teradun : Reka Bentuk Multimedia Dan Interaksi Manusia Komputer (Multimedia Design And Human Computer Interaction) - 202020212 (SHPP1702 - 02)	2021

68	Awards of Excellent	Anugerah Kecemerlangan Sebagai Kursus Paling Aktif Menggunakan Kaedah Pembelajaran Teradun: Sistem Pengurusan Maklumat Dan Pembangunan Pangkalan Data (Information Management System And Database Development) - 202020211 (SPPP2343 - 01)	2021
69	Awards of Excellent	Anugerah Kecemerlangan Sebagai Kursus Paling Aktif Menggunakan Kaedah Pembelajaran Teradun: Reka Bentuk Multimedia Dan Interaksi Manusia Komputer (Multimedia Design And Human Computer Interaction) - 202020211 (SHPP1702 - 02)	2021
70	Awards of Excellent	Anugerah Kecemerlangan Sebagai Kursus Paling Aktif Menggunakan Kaedah Pembelajaran Teradun: Reka Bentuk Multimedia Dan Interaksi Manusia Komputer (Multimedia Design And Human Computer Interaction) - 202020211 (SHPP1702-01)	2021
71	Awards of Excellent	Anugerah Kecemerlangan Sebagai Kursus Paling Aktif Menggunakan Kaedah Pembelajaran Teradun: Inovasi Dalam Pembelajaran Dan Pengajaran (Innovations In Learning And Teaching) - 202020211 (MPPU1003)	2021
72	Gold Medal	I-RICH 2022. International Research & Innovation Carnival For Social Science: Visualisasi Hibrid Pembelajaran Servis Bagi Kontinum Pemikiran Visual Pelajar (V-HIPS)	2022
73	Gold Medal	International University Carnival On E-Learning (IUCEL) 2022: Gamified Hybrid Service Learning	2022
74	Gold Medal	International University Carnival On E-Learning (IUCEL) Awards 2022: Integration Of Instagram In Visualization Project-Based Learning For Foodservice Operation Course	2022
75	Gold Medal	International University Carnival On E-Learning IUCEL 2022 : Used Cooking Oil Management For Single Mothers: A Hybrid Community Program	2022
76	Gold Medal	International Action Research Competition 2022 (I-ARC2022) : Pengajaran Kemahiran Berfikir Aras Tinggi Dalam Bahasa Melayu Penulisan	2022
77	Gold Medal	Anugerah Khas Yb Menteri Pengajian Tinggi: Reka Bentuk Kurikulum Dan Penyampaian Inovatif (AKRI) 2022	2022
78	Gold Medal	VPJBL: An Instagram-Integrated Visualisation Project-Based Learning To Foster Students' Technopreneurship	2022
79	Gold Medal	Anugerah Penulis Dalam Jurnal Berindeks (10 TERBAIK)	2022
80	Anugerah Perkhidmatan	Majlis Apresiasi Fakulti Sains Sosial Dan Kemanusiaan: Anugerah Perkhidmatan Cemerlang	2022
81	Gold Medal	New Academia Learning Innovation 2022 (NALI2022): Technology Integration In Graph Theory Learning Based On Continuum Visual Thinking In Cllaboration With Industry	2022
82	Awards of Excellent	SHPP1032-02 Telekomunikasi Dan Rangkaian Komputer (Telecommunication And Computer Network) In Recognition Of Valuable Contribution Active Blended Learning Course In Semester 1 - 2022/2023	2022
83	Awards of Excellent	SHPP1032-04 Telekomunikasi Dan Rangkaian Komputer (Telecommunication And Computer Network) In Recognition Of Valuable Contribution Active Blended Learning Course In Semester 1 - 2021/2022	2022
84	Awards of Excellent	SHPP1032-05 Telekomunikasi Dan Rangkaian Komputer (Telecommunication And Computer Network) In Recognition Of Valuable Contribution Active Blended Learning Course In Semester 1 - 2021/2022	2022
85	Penghargaan	Surat Pencatatan Ciptaan, Universitas Negeri Malang, Indonesia	2022
86	Anugerah Pengajaran	Citra Karisma: Majlis Anugerah Kecemerlangan Dan Penghargaan UTM	2022
87	Gold Medal	International Conference In Science And Mathematics Education (ICSME) 2022 : Technology Integration In Graph Theory Learning Based On Continuum Visual Thinking In Collaboration With Industry (V-TEGRAT)	2022

88	Anugerah Perkhidmatan	Anugerah Perkhidmatan Cemerlang Sekolah Pendidikan	2023
89	Gold Medal	International Putra Innocreative Carnival In Teaching And Learning - IPICTL2023 UPM: IBSE With Scaffolding Instruction Apps Framework For Enhancing Students' Science Process Skills	2023
90	Silver Medal	E-Content Development Competition 2023 (ECONDEV 2023): Students' Visualization Thinking Continuum Through Mooc Hybrid-Services-Learning In Ict Course	2023
91	Gold Medal	ICITE2023 - Best Paper Award : Integrating Gamification With Self-Determination Theory To Cultivate Intercultural Communicative Competence	2023
92	Awards of Excellent	SHPP1032-01 Telekomunikasi Dan Rangkaian Komputer (Telecommunication And Computer Network) In Recognition Of Valuable Contribution Active Blended Learning Course In Semester 2 - 2022/2023	2023
93	Awards of Excellent	SHPP1032-02 Telekomunikasi Dan Rangkaian Komputer (Telecommunication And Computer Network) In Recognition Of Valuable Contribution Active Blended Learning Course In Semester 2 - 2022/2023	2023
94	Awards of Excellent	SHPP4712-01 Kaedah Mengajar Sains Komputer (Teaching Methods In Computer Science) In Recognition Of Valuable Contribution Active Blended Learning Course In Semester 2 - 2022/2023	2023
95	Awards of Excellent	SHPP1032-02 Telekomunikasi Dan Rangkaian Komputer (Telecommunication And Computer Network) In Recognition Of Valuable Contribution Active Blended Learning Course In Semester 1 - 2022/2023	2023
96	Awards of Excellent	SHPP1032-03 Telekomunikasi Dan Rangkaian Komputer (Telecommunication And Computer Network) In Recognition Of Valuable Contribution Active Blended Learning Course In Semester 1 - 2022/2023	2023
97	Silver Medal	International University Carnival On E-Learning (IUCEL) 2023	2023
98	Best Paper Award	ICITE2023 Best Paper Award: Integration Of Computational Thinking In Learning Computer Programming With Gamification Elements	2023

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1	Malaysia Educational Technology Association (META/PTPM)	National	Member	2006-2007
2	Mobile Learning Association of Malaysia (M-Learning)	National	Member	2013-2014
3	Dasar E-Pembelajaran (DePAN), Jabatan Pengajian Tinggi, Malaysia	National	Committee Member	2014-2015
4	The Malaysian e-Learning Council for Public Universities (MEIPTA)	National	Member	2014-2015
5	Institute of Electrical and Electronics Engineers (IEEE), Memberships No. : 93341673, Malaysia Section	International	Member	2015-2016
6	Society of Engineering Education Malaysia (SEEM) Memberships No. : P0324	National	Member	2016-2017
7	Mobile Learning Association of Malaysia	National	Member	2018

NO				
8	Industrial Engineering and Operations Management (IEOM) Society	International	Member	2018-2019
9	Industrial Engineering and Operations Management (IEOM) Society	International	Member	2020

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT
1	Coordinator	1st Jan 2005	31st Dec 2007	Sarjana Muda Sains Dan Komputer Serta Pendidikan (Kimia / Matematik), Faculty of Education
2	Coordinator	1st July 2006	31st Dec 2007	Undergraduate Projects (PSM), Multimedia Educational Department, Faculty of Education
3	Head of Computer Laboratory	1st July 2006	31st Dec 2007	Multimedia Educational Department, Faculty of Education
4	Coordinator	1st July 2012	31st June 2013	Postgraduate Program (Educational Technology), Multimedia Educational Department, Faculty of Education
5	Head of Computer Laboratory	1st July 2012	31st July 2013	Multimedia Educational Department, Faculty of Education
6	Webmaster	1st July 2012	31st July 2013	Faculty of Education Universiti Teknologi Malaysia
7	Information Technology (IT) Manager	1st Aug 2013	31st Dec 2015	Center for Teaching and Learning (CTL), UTMLead
8	Coordinator	1st Jan 2014	31st Dec 2015	UTM OpenCourseware, Center for Teaching and Learning (CTL), UTMLead
9	Manager	1st July 2014	31st Dec 2015	UTM-MOOCs (Massive Open Online Courses), Center for Teaching and Learning (CTL), UTMLead
10	Manager	1st Aug 2013	31st Dec 2015	UTM Student-to-Student Edutainment, Center for Teaching and Learning (CTL), UTMLead
11	Ketua J/k	1st Jan 2020	31st Dec 2020	Jawatankuasa Libatsama Komuniti Dan Pembelajaran Servis, School of Education, FSSH
12	Ketua J/k	1st Jan 2020	31st Dec 2020	Jawatankuasa Pembelajaran Teradun, Faculty of Social Sciences and Humanities
13	Ketua J/k	1st Jan 2021	31st Dec 2021	Jawatankuasa Libatsama Komuniti Dan Pembelajaran Servis, School of Education, FSSH

CONSULTANCY EXPERIENCE

NO	NAME OF CONSULTANCY	ROLE	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1	Training on Modern Teaching Methods In	Leader	31,500	4th May 2014	8th May 2014	

No		Role		Start	End	
	Computer Networks and Distributed Systems					
2	Specialized Training On Interactive Learning Management System And Research Linkages In Computer Networks And Distributed Systems	Leader	21,000	23rd March 2014	31st March 2014	
3	Development of Malaysia MOOC (MyMOOC) Courses	Leader	138,000	1st Jan 2015	31st Dec 2015	
4	E-Learning Training Courses: Afghan Ministry of Higher Education	Member	11,000	3rd Nov 2016	4th Nov 2016	
5	Blended Learning & New Web Emerging Technologies Training	Member	6,000	12th Oct 2017	13th Oct 2017	
6	Udergraduate Students for International Service Learning Universitas Muhammadiyah Purwokerto & Universiti Teknologi Yogjakarta, Indonesia	Member	30,000	16th July 2017	17th Aug 2017	
7	Blended Learning & Emerging Educational Technologies Training : Afghan Ministry of Higher Education	Leader	11,000	14th April 2018	15th April 2018	
8	Comprehensive Academic Programme Development and Improvement Training Programme	Member	51,942	1st May 2018	30th April 2020	

UNIVERSITY / FACULTY APPOINTMENT COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Education Management Information Systems (EMIS), Faculty of Education	Koordinator	2002	2003
2	Makmal Komputer Multimedia Jabatan Multimedia Pendidikan, Fakulti Pendidikan	Ketua Makmal	2002	2003
3	Pembimbing Program Latihan Praktik	Pensyarah Pembimbing	2002	2003
4	Faculty of Education Website	Web Master	2002	2004
5	Program Sarjana Muda Sains & Komputer Serta Pendidikan (Kimia) - (SPK)	Koordinator	2005	2006
6	Program Sarjana Muda Sains & Komputer Serta Pendidikan (Kimia)- (SPK)	Penasihat Akademik	2005	2006
7	Pembimbing Program Latihan Mengajar 2005/2006	Pensyarah Pembimbing	2005/2006	2005/2006
8	Makmal Komputer Multimedia Jabatan Multimedia Pendidikan, Fakulti Pendidikan	Ketua Makmal	2005	2006
9	Peperiksaan Komprehensif Semester I, Sesi 2006/2007	Panel	2006	2006
10	M. Ed. (Educational Technology) Program	Interviewer	2006/2007	2006/2007
11	Pembimbing Program Latihan Mengajar	Pensyarah	2006/2007	2006/2007

12	Undegraduate Courses (Computer Science)	Coordinator	2006/2007	2006/2007
13	Program Sarjana Muda Sains & Komputer Serta Pendidikan (Matematik) (SPT)	Penasihat Akademik	2006/2007	2006/2007
14	Jawatankuasa Projek Sarjana Muda, Fakulti Pendidikan	Koordinator & Penilai	2006/2007	2006/2007
15	Pembimbing Program Latihan Mengajar 2007/2008	Pensyarah Pembimbing	2007/2008	2007/2008
16	Projek Sarjana Muda SPACE	Panel Penilai	2007	2007
17	Program Sarjana Muda Sains & Komputer Serta Pendidikan (Kimia) (SPT)	Koordinator	2007/2008	2007/2008
18	Koordinator Pelajar Pertandingan National Research and Innovation Competition 2007 (NRIC), USM Penang	Koordinator	2007	2007
19	Akademik Kualiti bagi Program Sarjana Muda Sains & Komputer Serta Pendidikan (Kimia) (SPK)	Penyelaras	2007	2007
20	Jawatankuasa UTM OpenCouseware (OCW) Committee, CTL, UTMLead	Jawatankuasa Utama	2013	2015
21	Jawatankuasa UTM Student-to-Student Edutainment, CTL, UTMLead	Jawatankuasa Utama	2013	2015
22	Jawatankuasa UTM MOOCs, CTL, UTMLead	Jawatankuasa Utama	2014	2015
23	International Service Learning Committee for Faculty of Education, UTM & Universitas Muhammadiyah	Jawatankuasa Utama	2016	2016
24	Jawatankuasa UTM MOOC (Massive Open Online Courses), CTL, UTMLead	Jawatankuasa Utama	2016	2018

UNIVERSITY APPOINMENT AS SPEAKER / FACILITATOR

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Bengkel E-Learning Pensyarah Fakulti Pendidikan Sem 2 Sesi 2005/2006, Fakulti Pendidikan, UTM	Facilitator	4th Jan 2005	4th Jan 2005
2	Kursus Asas Pembangunan Aplikasi Multimedia Pendidikan (PPP 213), Pusat Pengajaran dan Pembelajaran (CTL), UTM	Speaker & Facilitator	1st Aug 2005	2nd Aug 2005
3	Kursus Asas Pembangunan Aplikasi Multimedia Pendidikan (THR 01), Pusat Pengajaran dan Pembelajaran (CTL), UTM	Facilitator	1 Mac 2006	2 Mac 2006
4	E-Thesis – Projek Sarjana Muda untuk Program Pengajian Sepenuh Masa (SPACE), Pusat SPACE, UTM (Kuala Lumpur)	Speaker	14th Oct 2006	14th Oct 2006
5	E-Thesis – Projek Sarjana Muda untuk Program Pengajian Sepenuh Masa (SPACE), Pusat SPACE, UTM (Johor Bahru)	Speaker	14th Nov 2006	14th Nov 2006
6	E-Thesis – Projek Sarjana Muda sesi 2006/2007, Fakulti Pendidikan, UTM	Speaker	14th Nov 2006	14th Nov 2006
7	Kursus Macromedia Flash, Fakulti Pendidikan, UTM	Facilitator	11th March 2006	11th March 2006
8	Kursus SPSS (Asas) Fakulti Pendidikan, UTM	Speaker & Facilitator	11th Feb 2006	11th Feb 2006
9	Kursus SPSS (Lanjutan)	Facilitator	15th Feb 2006	15th Feb 2006

	Fakulti Pendidikan, UTM			
10	E-Thesis – Projek Sarjana Muda II sesi 2006/2007 untuk Program Pengajian Sepenuh Masa (SPACE), Pusat SPACE, UTM Kuala Lumpur	Speaker	17th Mac 2007	17th Mac 2007
11	E-Thesis – Projek Sarjana Muda II sesi 2006/2007 untuk Program Pengajian Sepenuh Masa (SPACE), Pusat SPACE, UTM Penang	Speaker	18th Mac 2007	18th Mac 2007
12	Kursus Mengoptimumkan Penggunaan Perisian Persembahan Elektronik bagi Tujuan Pengajaran dan Pembelajaran (P&P), Makmal Komputer 1, CTL, UTM	Speaker & Facilitator	24th April 2007	25th April 2007
13	e-Learning (Moodle) basic and advanced, Center for Teaching and Learning (CTL), UTMLead	Speaker and Facilitator	2014	2014
14	Open Courseware (OCW) Content Development, Center for Teaching and Learning (CTL), UTMLead	Speaker and Facilitator	2014	2014
15	Sijil Pengajaran Pengajian Tinggi (SPPT), Center for Teaching and Learning (CTL), UTMLead	Speaker	2014	2014
16	Sijil Pengajaran Pengajian Tinggi (SPPT), Center for Teaching and Learning (CTL), UTMLead	Speaker	2015	2015
17	e-Learning (Moodle) basic and advanced, Center for Teaching and Learning (CTL), UTMLead	Speaker and Facilitator	2015	2015
18	Open Courseware (OCW) Content Development, Center for Teaching and Learning (CTL), UTMLead	Speaker and Facilitator	2015	2015
19	Effective Multimedia Creative Presentation, Center for Teaching and Learning (CTL), UTMLead	Speaker and Facilitator	2015	2015
20	Effective Communication using Social Network, Center for Teaching and Learning (CTL), UTMLead	Speaker	2015	2015
21	Active Learning Using Technology, Center for Teaching and Learning (CTL), UTMLead	Speaker	2015	2015
22	Sijil Pengajaran Pengajian Tinggi (SPPT), Center for Teaching and Learning (CTL), UTMLead	Speaker	2016	2016
23	Sijil Pengajaran Pengajian Tinggi (SPPT), Center for Teaching and Learning (CTL), UTMLead	Speaker	2017	2017
24	Sijil Pengajaran Pengajian Tinggi (SPPT), Center for Teaching and Learning (CTL), UTMLead	Speaker	2018	2018
24	Sijil Pengajaran Pengajian Tinggi (SPPT), Center for Teaching and Learning (CTL), UTMLead	Speaker	2019	2019
25	Basic Online learning and Managing Online Lecture	Speaker	24th Mac 2020	24th Mac 2020
26	Bengkel Pembangunan Kursus Umum Universiti Secara MOOC Bagi Program Prasiswazah Utm	Speaker	1st Sept 2020	3rd Sept 2020
27	Baseline Competencies For Differentiate Career Pathways Course, Center for Teaching and Learning (CTL), UTMLead	Speaker	17th Aug 2020	18th Aug 2020

28	Baseline Competencies For Differentiate Career Pathways Course, Center for Teaching and Learning (CTL), UTMLead	Speaker	14th Sept 2020	15th Sept 2020

NATIONAL COMMITTEE

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Jawatankuasa Dasar E-Pembelajaran (DePAN), Jabatan Pengajian Tinggi, Malaysia	Member	1st Nov 2013	30th Oct 2015
2	The Malaysian e-Learning Council for Public Universities (MEIPTA) Committee	Member	1st Nov 2013	30th Oct 2015

NATIONAL/STATE APPOINTMENT

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	"Computer Literate Programme" for staff from Senai Airport Sdn. Bhd., Johor Bahru	Speaker and Facilitator	2nd Ogos 2007	4th Ogos 2007
2	Awareness and Basic Design of Malaysia MOOCS for Universiti Malaysia Kelantan (UMK)	Speaker	2015	2015
3	Design and Development Process of Malaysia MOOCS for Universiti Tun Hussein Onn Malaysia (UTHM)	Speaker	2015	2015
4	Service Learning Program: Network Cable And Wifi Installation for SMK Sultanah Engku Tun Aminah)	Speaker and Advisor	1st Oct 2015	15th Jan 2016
5	Service Learning: 21st Century New Emerging Learning Technologies - Sek Keb Taman Mutiara Rini (Learning Living Skills).	Speaker and Advisor	10th Oct 2016	15th Dec 2016
6	Service Learning: 21st Century New Emerging Learning Technologies - Sek. Jen. Keb. Tamil Permas Jaya (Learning Science)	Speaker and Advisor	10th Oct 2016	15th Dec 2016
7	Service Learning: Projek Rangkaian Komputer Dan Wifi SMK Air Tawar	Speaker and Advisor	20th Nov 2016	19th Dec 2016
8	Projek Pengkabelan Rangkaian Komputer & Wifi @ TVET Computer Lab, UTM	Speaker and Advisor	17th April 2016	9th May 2016
9	Pembelajaran Servis Pengkabelan Rangkaian Komputer & Wifi Bagi Pengaksesan Pembelajaran Abad-21: Smk Sultanah Engku Tun Aminah & SMK Air Tawar	Speaker and Advisor	12th Feb 2017	22nd Jun 2017
10	Program Pembelajaran Servis Pengkabelan Rangkaian Komputer & Wifi Sekolah Bagi Pengaksesan Pembelajaran Abad Ke-21: Sek. Men. Keb. Sultanah Engku Tun Aminah & Sek Keb Pengkalan Rinting	Speaker and Advisor	10th Sept 2017	31st Dec 2017
11	Service Learning Programme for Computer Network Infrastructure Upgrades - SMK Sultanah Engku Tun Aminah	Speaker and Advisor	1st May 2018	30th April 2019

12	Service Learning Program for Network Cable And Wifi Installation - SMK Sultanah Engku Tun Aminah	Speaker and Advisor	1st Oct 2015	15th Jan 2016
13	Service Learning for 21st Century New Emerging Learning Technologies - Sek Keb Taman Mutiara Rini (Learning Living Skills)	Speaker and Advisor	10th Oct 2016	15th Dec 2016
14	Service Learning for 21st Century New Emerging Learning Technologies - Sek. Jenis Keb. Tamil Permas Jaya (Learning Science)	Speaker and Advisor	10th Oct 2016	15th Dec 2016
15	Pembelajaran Servis Pengkabelan Rangkaian Komputer & Wifi Bagi Pengaksesan Pembelajaran Abad-21: Smk Sultanah Engku Tun Aminah & SMK Air Tawar	Speaker and Advisor	12th Feb 2017	22nd Jun 2017
16	Program Pembelajaran Servis Pengkabelan Rangkaian Komputer & Wifi Sekolah Bagi Pengaksesan Pembelajaran Abad Ke-21: Sek Men Keb Sultanah Engku Tun Aminah & Sek Keb Pengkalan Rinting	Speaker and Advisor	10th Sept 2017	31st Dec 2017
17	Service Learning Programme for New Emerging Technologies For 21st Century Learning: SMK Mutiara Rini & SMK SETA	Speaker and Advisor	12th Feb 2017	31st May 2017
18	Service Learning Programme - Multimedia Design For Stamp And Philately	Speaker and Advisor	10th Mac 2018	30th Mac 2018
19	Service Learning Programme for Computer Network Infrastructure Upgrades - SMK Sultanah Engku Tun Aminah	Speaker and Advisor	1st May 2018	20th May 2018
20	Service Learning Program for Computer Network Infrastructures Setup For Sek Keb Taman Mutiara Rini	Speaker and Advisor	1st April 2018	30th April 2018
21	Service Learning Program for Fun Learning With Multimedia Creative And Technology	Speaker and Advisor	20th Jan 2019	20th Feb 2019
22	Program Akademik Service Learning Bagi Pembelajaran Abad Ke-21 Berpusatkan STREAM di SK Tanjung Surat	Speaker and Advisor	30th Jan 2019	15th Mac 2019
23	Program Pembelajaran Servis bagi Rekabentuk Multimedia Interaktif SMK Mutiara Rini	Speaker and Advisor	01st Feb 2019	15th Mac 2019
24	Computer Network Installation For 21st Century Learning	Speaker and Advisor	17th Mac 2020	30th Mac 2020

RESEARCH ACTIVITIES

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1	Research University Grant (RUG)	Project Member	The Effectiveness of Learning Multiplication Using The Karaoke Technique With The Help Of Learning Materials In The Form Of VCD	University Grant	15,000	1st June 2000	31st Dec 2001	71603
2	Research University Grant (RUG)	Project Member	Penyelidikan E-Supervision Dalam Program Latihan Praktik Fakulti Pendidikan, UTM	University Grant	16,000	1st Jan 2003	31st Dec 2003	71920
3	Research University Grant (RUG)	Project Member	Effectiveness Of Learning A Goal Programming Software Using A Screen Capture Software	University Grant	18,000	1st Jan 2006	31st Dec 2006	71923
4	Sosial Science Research: Bahagian Teknologi Pendidikan	Project Member	Persediaan Pelajar dan Guru Sekolah Menengah di Malaysia terhadap Pengajaran dan Pembelajaran menerusi Teknologi	Bahagian Teknologi Pendidikan, KPM Grant	58,000	1st April 2007	30th Nov 2007	-
5	Dana Pembangunan Pengajaran CTL Grant	Project Member	Pembangunan Pengujian Adaptif Berbantukan Komputer Berasaskan Latih Tubi Untuk Pengajaran Subjek Pengenalan Kepada Pengaturcaraan Komputer	University Grant	5,000	1st July 2007	31st July 2008	76548
6	Dana Pembangunan Pengajaran CTL Grant	Project Member	Pembangunan Sistem Pembelajaran Pengaturcaraan Komputer Berasaskan Strategi Penyelesaian Masalah	University Grant	4,500	1st July 2007	31st July 2008	76550
7	Research University Grant (RUG) – Tier 1	Project Member	Framework of Metacognitive Scaffolding In Learning Through	University Grant	127,000	1st April 2011	31st March 2013	Q.J130000. 2531.00H17

			A Social Networking Tool					
8	Research University Grant (RUG) – Tier 2	Project Member	Pembangunan Instrumen Bagi Mengukur Kreativiti Pelajar Perguruan Di Malaysia	University Grant	40,000	1st Apr 2011	31st July 2012	Q.J130000. 2631.00J01
9	Research University Grant (RUG) – Tier 2	**Project Leader**	Kerangka Profil Kontinum Pemikiran Visual Pelajar Menerusi Persekitaran Pembelajaran Autentik Bervisualisasi	University Grant	32,000	1st Dec 2012	31st Dec 2013	Q.J130000. 2631.08J07
10	Dana Pembangun an Pengajaran CTL Grant	Project Member	Pembangunan Persekitaran Pembelajaran Maya Berbantukan Agen Pedagogi Beranimasi Bagi Kursus Authoring Language di Fakulti Pendidikan, UTM	University Grant	14,000	1st Aug 2012	31st July 2013	A.J160000. 7731.4J088
11	Research University Grant (RUG) – Tier 2	Project Member	Online Supportive Social Interactions Among Students In Malaysian Higher Education Institution	University Grant	32,000	1st Dec 2012	31st Dec 2013	Q.J130000. 2631.07J86
12	Dana Pembangun an Pengajaran CTL Grant	Project Member	Model For Teaching Using Video Based on Cognitive Load Theory	University Grant	15,000	1st Aug 2012	31st July 2013	A.J160000. 7716.4J071
13	UTM R&D Fund	**Project Leader**	Penggunaan Pemeringkatan Peta Minda Dalam Menyokong Pembentukan Komunikasi Visual Pelajar	University Grant	10,000	1st Aug 2012	31st July 2013	A.J160000. 7731.4J087
14	Fundamental Research Grant Scheme (FRGS)	**Project Leader**	Platform Proses Aktiviti Pembelajaran Dalam Persekitaran Autentik Bervisualisasi Berdasarkan Kepada Kontinum Pemikiran Visual	Ministry of Education (MOE)	52,200	16th Dec 2013	15th July 2015	R.J130000. 7816.4F359

			Dalam Kalangan Kanak-Kanak Sindrom Down					
15	Fundamental Research Grant Scheme (FRGS)	Project Member	An Investigation to Integrate Individual And Social Creativity In Promoting Human-Computer Interface Designing Skill Through Computer-Supported Collaborative Learning	Ministry of Education (MOE)	47,300	16th Dec 2013	1st Dec 2015	R.J130000. 7816.4F297
16	Research Grant Scheme (FRGS)	Project Member	Technology-Enhanced Knowledge Community Model For Promoting Critical Thinking	Ministry of Education (MOE)	50,000	1st April 2013	31st March 2015	R.J130000. 7831.4F171
17	Research University Grant (RUG) – Tier 1	Project Member	Students' Holistic Learning Process Through Social Networking Site In Higher Education	University Grant	20,000	1st July 2014	30th June 2015	Q.J130000. 2531.09H30
18	Fundamental Research Grant Scheme (FRGS)	Project Member	Development Of Model For Learning Science Using Cognitive Conflict Video Based Instruction To Overcome Student Misconception	Ministry of Education (MOE)	68,200	1st July 2014	30th Jun 2016	R.J130000. 7831.4F456
19	UTM Research and Development Fund	Project Member	Impak Pelaksanaan Program Pusat Pengajaran Dan Pembelajaran Terhadap Pengajaran Dan Pencapaian Staf Akademik UTM	University Grant	20,000	1st July 2014	30th June 2016	R.J130000. 7316.4J141
20	Dana Pembangunan Pengajaran CTL Grant	Project Member	Peer Tutoring Teaching Model In Social Networking Sites To Enhance Students' Critical Thinking Among Higher Education Students	University Grant	20,000	1st July 2014	30th June 2016	R.J130000. 7731.4J132
21	UTM R&D Fund	Project Member	An Integrated Framework For Massive Open Online Courses (MOOCs) In UTM	University Grant	20,000	1st July 2014	30th June 2016	R.J130000. 7708.4J142

22	UTM R&D Fund	Project Member	Learning Analytics: Predicting Postgraduate Students Graduation, Research Management Center, Universiti Teknologi Malaysia	University Grant	20,000	1st July 2014	30th June 2016	R.J130000. 7731.4J129
23	Flagship	Project Member	Effectiveness Of Teaching Highway Engineering Using MOOCs	Project EPFFL Switzerland MOOCs For Civil	50,000	1st Dec 2014	30th Nov 2015	Q.J130000. 2422.02G89
24	UTM R&D Fund	Project Member	Pembentukan Kemahiran Insaniah Pelajar Menerusi Pembelajaran Teradun Dalam Persekitaran E-Autentik Bervisual	University Grant	10,000	1st July 2014	30th June 2016	R.J130000. 7716.4J135
25	Dana Pembangun an Pengajaran CTL Grant	Project Member	An Implementation of Edutainment To Promote Generic Skills Among Undergraduate	University Grant	20,000	1st July 2014	30th June 2016	R.J130000. 7731.4J131
26	UTM Encouragem ent Grant	Project Member	Personalized Mobile Learning Apps Based On Learning Orientations	University Grant	20,000	1st May 2015	31st July 2016	Q.J130000. 2631.11J08
27	UTM R&D Fund	Project Member	Strategi Pengajaran Dan Pembelajaran Berasaskan Masalah Melalui Open Online Course (MOOCs) Ke Arah Peningkatan Daya Cipta Dan Kreativiti Dalam Rekabentuk	University Grant	15,000	1st June 2015	31st May 2017	R.J130000. 7706.4J164
28	Dana Pembangun an Pengajaran CTL Grant	**Project Leader**	Visual Authentic Learning Environment Through Flipped Classroom Strategy In UTM-MOOC (Massive Open Online Courses)	University Grant	20,000	1st June 2015	31st May 2017	R.J130000. 7731.4J172

29	UTM Networking Grant (NG)	**Project Leader**	Service Learning Program: Network Cable And Wifi Installation - SMK Sultanah Engku Tun Aminah	Co-Curriculum and Service Learning (CCSL UTM) & PIBG SMK SETA	2,290	1st Oct 2015	15th Jan 2016	S.J130000. 7331.4X183
30	UTM Networking Grant (NG)	**Project Leader**	Service Learning: 21st Century New Emerging Learning Technologies - Sek Keb Taman Mutiara Rini (Learning Living Skills)	Co-Curriculum and Service Learning (CCSL UTM) & PIBG SKTMR	2,550	10th Oct 2016	15th Dec 2016	S.J130000. 7331.4X204
31	UTM Networking Grant (NG)	**Project Leader**	Service Learning: 21st Century New Emerging Learning Technologies - Sek. Jen. Keb. Tamil Permas Jaya (Learning Science)	CoCurriculum and Service Learning (CCSL UTM) & PIBG SJK (T) PJ	1,970	10th Oct 2016	15th Dec 2016	S.J130000. 7331.4X193
32	UTM Networking Grant (NG)	Project Member	Service Learning: Projek Rangkaian Komputer Dan Wifi SMK Air Tawar	CoCurriculum and Service Learning (CCSL UTM) & PIBG SMKAT	1,315	20th Nov 2016	19th Dec 2016	S.J130000. 7331.4X200
33	UTM Networking Grant (NG)	Project Member	Program Pembelajaran Servis Pengkabelan Rangkaian Komputer & Wifi Blok N30	CoCurriculum and Service Learning (CCSL UTM) & Faculty Of Education	1,420	17th April 2016	9th May 2016	S.J130000.7 331.4X156
34	Research University Grant (RUG) – Tier 2	Project Member	Improving Student Learning Outcomes With Service Learning In Scenario Based Learning	University Grant	10,000	1st Oct 2016	30th Sept 2017	Q.J130000. 2631.12J80
35	Research University Grant (RUG) – Tier 2	Project Member	Kerangka Panduan Pelaksanaan Service Learning Mahasiswa UTM: Green School Project	University Grant	10, 000	1st Oct 2016	30th Sept 2017	Q.J130000. 2631.11J85
36	Fundamental Research Grant Scheme (FRGS)	Project Member	Conceptual Business Model For Sustainable Online Tutoring For Secondary Education In Malaysia	Ministry of Education (MOE)	50,000	1st Aug 2016	21st July 2018	R.J130000. 7831.4F843
37	Dana Pembangun an	Project Member	Elevating Students' Visual Thinking Continuum Through Service	University Grant	10,000	15th July 2016	30th June 2018	R.J130000. 7731.4J238

	Pengajaran CTL Grant		Learning In Authentic Learning Environment: Management Of Computer Network and 3Telecommunication Course					
38	UTM Networking Grant (NG)	**Project Leader**	Pembelajaran Servis Pengkabelan Rangkaian Komputer & Wifi Bagi Pengaksesan Pembelajaran Abad-21: Smk Sultanah Engku Tun Aminah & SMK Air Tawar	CoCurriculum and Service Learning (CCSL UTM) and PIBG SMK SETA	8,150	12th Feb 2017	22nd Jun 2017	S.J130000. 7331.4X277
39	UTM Networking Grant (NG)	**Project Leader**	Program Pembelajaran Servis Pengkabelan Rangkaian Komputer & Wifi Sekolah Bagi Pengaksesan Pembelajaran Abad Ke-21: Sek Men Keb Sultanah Engku Tun Aminah & Sek Keb Pengkalan Rinting	CoCurriculum and Service Learning (CCSL UTM), PIBG SMK SETA & PIBG SKPK	8,980	10th Sept 2017	31st Dec 2017	S.J130000. 7331.4X278
40	Research University Grant (RUG) – Tier 2	Project Member	Hots Framework For Mathematics Using Online Learning Environment	University Grant	10,000	1st July 2017	30th Sept 2018	Q.J130000.2 631.14J30
41	UTM Networking Grant (NG)	**Project Leader**	Service Learning Programme: New Emerging Technologies For 21st Century Learning: SMK Mutiara Rini & SMK SETA	CoCurriculum and Service Learning (CCSL UTM), PIBG SMK Mutiara Rini & PIBG SMK SETA	7,080	12th Feb 2017	31st May 2017	S.J130000. 7353.4X373
42	Research University Grant (RUG) – Tier 2	Project Member	Keberkesanan Gabung Jalinan Pembelajaran Berasaskan Projek Dan Flipped Classroom Terhadap Pencapaian Pelajar Dalam Subjek Matematik	University Grant	10,000	1st July 2017	30th June 2018	Q.J130000. 2631.14J01

43	Prototype Research Grant Scheme (PRGS)	Project Member	Prototype Development of Mobile Applications With an Embedded Sign Language Video for Hearing Impaired Students Learning Science	Ministry of Education (MOE)	61,480	15th Aug 2017	14th Aug 2019	R.J130000. 7810.4L683
44	Research University Grant (RUG) – Tier 1	Project Member	Interaction-Performance Predictive Model In Social Collaborative Problem-Based Learning Environment To Enhance Students Critical Thinking Skills, Research Management Center	University Grant	39,700	1st July 2017	30th June 2019	Q.J130000. 2531.16H55
45	Prototype Research Grant Scheme (PRGS)	Project Member	Development of a Prototype System for Implementing Virtual Design & Construction (VDC) Technologies in Quantity Extraction of Engineering Services in Green Building Projects	Ministry of Education (MOE)	84,800	15th Aug 2017	14th Aug 2019	R.J130000. 7821.4L693
46	Fundamental Research Grant Scheme (FRGS)	Project Member	Faktor Penularan Ajaran Sesat Melalui Atas Talian Dalam Kalangan Masyarakat	Ministry of Education (MOE)	53,000	15th Aug 2017	14th Aug 2019	R.J130000. 7831.4F950
47	Fundamental Research Grant Scheme (FRGS)	Project Member	A Model For Hots Cultivation Via Online Technology Enhanced Learning Environment Using Learning Analytic	Ministry of Education (MOE)	53,000	15th Aug 2017	14th Aug 2019	R.J130000. 7831.4F952
48	Research University Grant (RUG) – Tier 1	Project Member	Pemerkasaan Sistem Pentaksiran Sumatif Sekolah Agama Kerajaan Negeri Johor	University Grant	30,000	1st Feb 2018	31st Jan 2020	Q.J130000. 2501.19H24
49	Research University Grant (RUG) – Tier 2	Project Member	Penaakulan Etika Dan Moral Dalam Kalangan Bakal Guru	University Grant	10,000	1st Feb 2018	30th April 2019	Q.J130000. 2631.15J01
50	Research University Grant (RUG) – Tier 1	Project Member	Pembangunan Modul Latihan Kemahiran	University Grant	30,000	1st Feb 2018	31st Jan 2020	Q.J130000. 2508.20H45

			Vokasional Bagi Peningkatan Kebolehpasaran Pekerjaan Dalam Kalangan Belia Di Negeri Johor					
51	UTM Business Entity (BE)	**Project Leader**	Service Learning: Multimedia Design For Stamp And Philately	CoCurriculum and Service Learning (CCSL UTM), PIBG SKTMR & PIBG SKTMR2	5,000	10th Mac 2018	20th April 2019	S.J130000.7331.4X278
52	UTM Networking Grant (NG)	**Project Leader**	Service Learning Programme: Computer Network Infrastructure Upgrades - SMK Sultanah Engku Tun Aminah	CoCurriculum and Service Learning (CCSL UTM), PIBG SMK SETA	3,750	1st May 2018	30th April 2019	S.J130000.7353.4X477
53	UTM Networking Grant (NG)	Project Member	Program International Service Learning Universitas Muhammadiyah Purwokerto Dan Universiti Teknologi Malaysia	Universitas Muhammadi -yah Purwokerto	30,000	16th June 2017	07th Aug 2017	S.J130000.7753.4X334
54	UTM Networking Grant (NG)	Project Member	Service Learning : Impact Project At Parit Marjunit, Benut, Pontian, Johor	YB Datuk Seri Haji Ahmad Bin Haji Maslan, Parlimen Pontian	11,225	11th Feb 2018	7th June 2018	S.J130000.7753.4X335
55	UTM Networking Grant (NG)	**Project Leader**	Service Learning Program: Computer Network Infrastructures Setup For Sek Keb Taman Mutiara Rini	CoCurriculum and Service Learning (CCSL UTM), PIBG SKTMR	6,430	1st April 2018	31st Mac 2019	S.J130000.7353.4X471
56	UTM Networking Grant (NG)	Project Member	Learning Cities: We care We Share at Felda Adela, Kota Tinggi	JKKK Felda Adela	2,018	11th Feb 2018	07th June 2018	S.J130000.7353.4X374
57	UTM Networking Grant (NG)	Project Member	Johor Learning Cities; Service Learning at Sekolah Kebangsaan Nusa Perintis, SJKT Tajul, Kota Tinggi dan	Sekolah Jenis Kebangsaan Tamil Tajul, Kota Tinggi & SK Taman Nusa Perintis 1	10,882	11th Feb 2018	07th June 2018	S.J130000.7353.4X377

			Insted, Bandar Penawar, Johor					
58	Business Entity	**Project Leader**	SERVICE LEARNING: MULTIMEDIA DESIGN FOR STAMP AND PHILATELY		5000	10 Mac 2018	20 April 2019	S.J130000.0 853.4Y221
59	UTM Networking Grant (NG)	**Project Leader**	Service Learning Program: Fun Learning With Multimedia Creative And Technology	CoCurriculum and Service Learning (CCSL UTM), PIBG Sek Keb Bandar Mas	3,950	20th Jan 2019	31st July 2019	S.J130000. 7353.4X492
60	UTM Networking Grant (NG)	Project Member	Keselamatan Berbasikal ke Arah KelestarianBangsa Johor Bahagia di Iskandar Malaysia	UTM CCIN & Bangsa Johor Bahagia (BJB)	1,100	15th Sept 2019	31st Dec 2019	S.J130000. 7353.4X502
61	UTM Networking Grant (NG)	**Project Leader**	Program Akademik Service Learning Bagi Pembelajaran Abad Ke-21 Berpusatkan STREAM: SK Tanjung Surat	CoCurriculum and Service Learning (CCSL UTM) & PIBG SK Tanjung Surat	5,700	20th Jan 2019	01/06/20 19	S.J130000. 7353.4X493
62	UTM Networking Grant (NG)	**Project Leader**	Program Pembelajaran Servis: Rekabentuk Multimedia Interaktif SMK Mutiara Rini	CoCurriculum and Service Learning (CCSL UTM) & PIBG SMKMR	2,400	01st Feb 2019	30th July 2019	S.J130000. 7353.4X503
63	UTM Networking Grant (NG)	Project Member	Enhancing Academic Performance of Secondary School Students Through Academic Camp	Madrasah Alattas Alarabiah Johor	14,772	31st July 2019	31st Oct 2019	S.J130000. 7353.4X443
64	UTM Business Entity (BE)	Project Member	KTP-NMG 2019: Pemindahan Ilmu Kemahiran Pemikiran Komputasional Kepada Murid Daripada Keluarga Berpendapatan Rendah	UTM KTP-NMG Grant	5,000	1st Feb 2019	31st July 2019	S.J130000. 0853.4Y174
65	UTM Prototype Research	Project Member	Prototype Development of Social Exercise Video On Fun And	University Grant	80,000	1st Jan 2020	30th June 2022	Q.J130000. 2853.00L58

			Fit Babywearing: Postpartum Exercise					
66	UTM Encouragement Research	**Project Leader**	Pengintegrasian Hibrid Pembelajaran Servis Dalam Menyokong Kontinum Pemikiran Visualisasi Pelajar	University Grant	51,000	01st Oct 2020	30th Sept 2022	Q.J130000.3853.18J82
67	Fundamental Research Grant Scheme (FRGS)	Project Member	Immersive Blended Learning Pedagogical Framework based on the Education 4.0 Innovative Pedagogies for Higher Education	Ministry of Education (MOE)	65000	1st Nov 2020	31st Oct 2022	R.J130000.7853.5F301
68	Contract Research DTD	Project Member	Client's Satisfaction And Needs In Confronting Unpredictable Economic Situation	ATZ Consult Sdn Bhd	8,000	15th Aug 2020	30th April 2021	R.J130000.7653.4C392
69	UTM Networking Grant (NG)	**Project Leader**	Computer Network Installation For 21st Century Learning	CoCurriculum and Service Learning (CCSL UTM) & SMKMR	3,400	17th Mac 2020	30th June 2020	S.J130000.7353.4X613
70	UTM KTP-RIG Grant	**Sub-Project Leader**	Pembangunan Dan Pelestarian Eco-Edu Pelancongan Inap Desa Kampung Parit Lapis Sempadan – **Sub Projek:** Mereka bentuk Program Pembelajaran Digital dalam Pembelajaran Alam Sekitar	University Grant	5,000 (20,000)	1st Feb 2021	31st Julai 2022	S.J130000.0853.4Y302
71	Contract	Project Member	Kajian Kepuasan Pelanggan serta Cadangan Peningkatan Perkhidmatan	Contract	22000	21 Jan 2022	31 Disember 2024	R.J130000.7653.4C575
72	Matching Grant	**Project Leader**	4B771 : Pembelajaran Sains Berasaskan Inkuiri dengan Perancah Instruksi	Matching Grant	5000	1 April 2022	31 Mac 2024	Q.J130000.3053.03M96

73	Fundamental Research Grant Scheme	**Project Leader**	Gamified Hybrid Service-Learning Framework for Enhancing Students' Generic Skills in Higher Education	Ministry of Education (MOE)	107700	1 Oktober 2023	30 Septem ber 2026	R.J130000.7 853.5F666
			Gamifikasi Menerusi Aplikasi Bagi Penguasaan Kemahiran Proses Sains					
74	International Grant	Project Member	The Legal Politics Of Education For Children Of Immigrant Workers With The Implementation Of Artificial Intelligence At Sekolah Indonesia Johor Bahru (SIJB), Malaysia	International Grant	10100	28 Oktober 2023	28 Oktober 2023	R.J130000.7 353.1U014

COLLABORATION / MOU

NO	NAME OF MOU	LEVEL OF MOU (NATIONAL/INTERNATIONAL)	STARTING DATE	ENDING DATE
1	Comprehensive Academic Development And Improvement Training Programme	Institut Pengajian Islam Pergas (IPIP), Singapore (International)	30/10/2020	30/09/2025
2	UTM-KPT Phd Synergy Proram	Kementerian Pengajian Tinggi (KPT) (National)	01/01/2015	31/01/2018

TEACHING ACTIVITIES

UNDERGRADUATE

YEAR OF SEMESTER	SEMESTER (1/2/3)	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	SECTION
2001/2002	2	SPT4182	Kaedah Mengajar Sains Komputer	2	01
		SPT2222	Reka Bentuk Perisian Multimedia	2	01
		SPT2222	Reka Bentuk Perisian Multimedia	2	02
		SPT1012	Teknologi Maklumat Dalam Pendidikan	2	01
2002/2003	1	SPT4102	Multimedia Dalam Pendidikan	2	01
		SPT4102	Multimedia Dalam Pendidikan	2	02
		SPT4102	Multimedia Dalam Pendidikan	2	03
		SPT4182	Kaedah Mengajar Sains Komputer	2	01
		SPT3632	Teknologi Multimedia	2	01

2002/2003	2	SPT4182	Kaedah Mengajar Sains Komputer	2	01
		SPT4182	Kaedah Mengajar Sains Komputer	2	02
		SPT4102	Multimedia Dalam Pendidikan	2	01
2003/2004	1	SPT4232	Pembangunan Multimedia	2	01
		SPT4102	Multimedia Dalam Pendidikan	2	01
		SPT4102	Multimedia Dalam Pendidikan	2	02
		SPT4182	Kaedah Mengajar Sains Komputer	2	01
2005/2006	1	SPT4442	Pembangunan Multimedia Berasaskan WEB	2	01
		SPT4442	Pembangunan Multimedia Berasaskan WEB	2	02
		SPT4442	Pembangunan Multimedia Berasaskan WEB	2	03
		SPM1012	Telekomunikasi Dan Rangkaian	2	01
		SPM4712	Kaedah Mengajar Sains Komputer	2	01
		MPT1183	Penerbitan Bahan Pengajaran	3	01
		MPT1193	Sistem Penggubahan	3	01
2005/2006	2	MPT1393	Pembangunan dan Penilaian Aplikasi Web	3	01
		SPT4442	Pembangunan Multimedia Berasaskan WEB	2	02
		SPM2102	Pengaturcaraan 1	2	01
		SPM2102	Pengaturcaraan 1	2	02
2006/2007	1	SPM4342	Pembangunan Multimedia Berasaskan WEB	2	01
		SPM2102	Pengaturcaraan 1	2	01
		SPM2102	Pengaturcaraan 1	2	02
		SPM2102	Pengaturcaraan 1	2	03
2006/2007	2	SPM4712	Kaedah Mengajar Sains Komputer	2	01
		SPM3122	Bahasa Pengaturcaraan III	2	01
		SPM3122	Bahasa Pengaturcaraan III	2	02
		SPM3112	Bahasa Pengaturcaraan II	2	01
		MPT1393	Pembangunan Multimedia Berasaskan Web	3	01
		SPM2102	Bahasa Pengaturcaraan I	2	01
2007/2008	1	SPM2102	Bahasa Pengaturcaraan I	2	02
		SPM4712	Kaedah Mengajar Sains Komputer	2	01
		SPM4342	Pembangunan Multimedia Berasaskan WEB	2	01
20011/2012	1	SPM3112	Bahasa Pengaturcaraan II	2	01
		SPM3112	Bahasa Pengaturcaraan II	2	02
		SPM4342	Pembangunan Multimedia Berasaskan Web	2	01
20011/2012	2	SPM3112	Bahasa Pengaturcaraan II	2	01
		SPM3112	Bahasa Pengaturcaraan II	2	02
		SPPM1303	Sistem Komputer Dan Multimedia	3	01
20012/2013	1	SPM4722	Keusahawanan Teknologi Maklumat Dan Komunikasi	2	01
		SPM4712	Kaedah Mengajar Sains Komputer	2	01
20012/2013	2	SPPM1012	Telekomunikasi Dan Rangkaian	2	01
		SPPM1012	Telekomunikasi Dan Rangkaian	2	01
20015/2016	2	SPPM1013	Telekomunikasi Dan Rangkaian	3	01
2016/2017	2	UKQA2072	Perkhidmatan ICT Untuk Komuniti	2	01
		UKQA2072	Perkhidmatan ICT Untuk Komuniti	2	02
2017/2018	1	UKQA2072	Perkhidmatan ICT Untuk Komuniti	2	01
2017/2018	2	UKQA2072	Perkhidmatan ICT Untuk Komuniti	2	01
		UKQA2072	Perkhidmatan ICT Untuk Komuniti	2	02
2018/2019	1	SPPM4303	Pembangunan Perisian Multimedia	3	02
2018/2019	2	SPPM4712	Kaedah Mengajar Sains Komputer	2	01
		SPPP1032	Telekomunikasi Dan Rangkaian Komputer	2	05

YEAR OF SEMESTER	SEMESTER (1/2/3)	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	SECTION
		UKQA2072 /UKQF2062	Perkhidmatan ICT Untuk Komuniti	2	02
2019/2020	1	UKQA2072	Perkhidmatan ICT Untuk Komuniti	2	01
2019/2020	2	SHPP1702	Reka Bentuk Multimedia Dan Interaksi Manusia Komputer	2	01
		SPPP2343	Sistem Pengurusan Maklumat Dan Pembangunan Pangkalan Data	3	02
		UKQA2072 /UKQF2062	Perkhidmatan ICT Untuk Komuniti	2	01
2020/2021	1	SHPP1702	Reka Bentuk Multimedia Dan Interaksi Manusia Komputer	2	01
		SHPP1702	Reka Bentuk Multimedia Dan Interaksi Manusia Komputer	2	02
		SPPP2343	Sistem Pengurusan Maklumat Dan Pembangunan Pangkalan Data	3	01
		UKQA2072 /UKQF2062	Perkhidmatan ICT Untuk Komuniti	2	01
2020/2021	2	SHPP1702	Reka Bentuk Multimedia Dan Interaksi Manusia Komputer	2	02
		SPPP2343	Sistem Pengurusan Maklumat Dan Pembangunan Pangkalan Data	3	01
		SPPP2343	Sistem Pengurusan Maklumat Dan Pembangunan Pangkalan Data	3	03
		UKQA2072 /UKQF2062	Perkhidmatan ICT Untuk Komuniti	2	01
2021/2022	1	SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	01
		SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	02
		UKQF2062	Perkhidmatan Ict Untuk Komuniti	2	01
		UKQF2062	Perkhidmatan Ict Untuk Komuniti	2	02
2021/2022	2	SHPP4712	Kaedah Mengajar Sains Komputer	2	01
		SPPP4712	Kaedah Mengajar Sains Komputer	2	02
		SPPP4712	Kaedah Mengajar Sains Komputer	2	03
		SPPP4712	Kaedah Mengajar Sains Komputer	2	04
		UKQA2072/ UKQF2062	Perkhidmatan Ict Untuk Komuniti	2	01
2022/2023	1	SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	01
		SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	02
		UKQF2062	Perkhidmatan Ict Untuk Komuniti	2	01
2022/2023	2	SHPP4712	Kaedah Mengajar Sains Komputer	2	01
		SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	01
		SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	02
		UKQF2062	Perkhidmatan Ict Untuk Komuniti	2	01
2023/2024	1	SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	01
		SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	02
2023/2024	2	SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	01
		SHPP1032	Telekomunikasi Dan Rangkaian Komputer	2	02
TOTAL CREDIT HOUR				**195**	

POSTGRADUATE

YEAR OF SEMESTER	SEMESTER (1/2/3)	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	SECTION
20012/2013	1	MPT1403	Introduction To Network System	3	01

YEAR OF SEMESTER	SEMESTER (1/2)	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	SECTION
20012/2013	2	MPT1403	Introduction To Network System	3	01
2013/2014	1	MPT1403	Introduction To Network System	3	01
2013/2014	2	MPT1403	Introduction To Network System	3	01
2014/2015	1	MPPP1353	Management Of Computer Network And Telecommunication	3	01
		MPT1403	Introduction To Network System	3	01
2014/2015	2	MPPU1003	Innovations In Learning And Teaching	3	01
		MPPP1203	Educational Technology Foundation And Research	3	01
20015/2016	1	MPT1403	Introduction To Network System	3	01
		MPT1393	Web Based Multimedia Development	3	01
		MPPP1353	Management Of Computer Network And Telecommunicatio	3	01
		MPU0020	Research Methods In Education	0	01
20015/2016	2	MPPP1353	Management Of Computer Network And Telecommunication	3	01
20016/2017	1	MPPP1203	Educational Technology Foundation And Research	3	01
		MPPU1003	Innovations In Learning And Teaching	3	04
		MPPP1403	Innovative Learning Environment	3	01
		MPPU1060	Research Methods And Data Analysis	0	01
2016/2017	2	MPPU1003	Inovasi Dalam Pembelajaran Dan Pengajaran	3	03
		MPPP1353	Pengurusan Rangkaian Komputer Dan Telekomunikasi	3	01
2017/2018	1	MPPP1203	Educational Technology Foundation And Research	3	01
		MPT1113	Foundation Of Educational Technology	3	01
		MPPP1353	Management Of Computer Network And Telecommunication	3	01
		MPPU1060	Research Methods And Data Analysis	0	01
2017/2018	2	MPPU1003	Innovations In Learning And Teaching	3	04
		MPPP1403	Innovative Learning Environment	3	01
		MPPU1060	Research Methods And Data Analysis	0	01
2018/2019	1	MPPP1353	Management Of Computer Network And Telecommunication	3	01
		MPPU1060	Research Methods And Data Analysis	0	01
2018/2019	2	MPPU1003	Innovations In Learning And Teaching	3	01
		MPPU1060	Research Methods And Data Analysis	0	01
2019/2020	3	MPPU1003	Innovations In Learning And Teaching	3	01
2020/2021	1	MPPU1003	Inovasi Dalam Pembelajaran Dan Pengajaran	3	
2021/2022	1	MPPU1003	Inovasi Dalam Pembelajaran Dan Pengajaran	3	01
2021/2022	2	MPPU1003	Inovasi Dalam Pembelajaran Dan Pengajaran	3	01
2022/2023	1	MPPU1003	Inovasi Dalam Pembelajaran Dan Pengajaran	3	01
2023/2024	1	MPPU1003	Inovasi Dalam Pembelajaran Dan Pengajaran	3	01
2023/2024	2	MHPU1013	Inovasi Dalam Pendidikan	3	01
		MPPU1003	Inovasi Dalam Pembelajaran Dan Pengajaran	3	01
TOTAL CREDIT HOUR				**96**	

SPACE PROGRAMME

YEAR OF SEMESTER	SEMESTER (1/2)	SUBJECT CODE	NAME OF SUBJECT	CREDIT HOUR	SECTION
2001/2002	2	SPT2222	Reka Bentuk Perisian Multimedia	2	01
		SPT1002	Literasi Komputer	2	01
2002/2003	1	SPT2222	Reka Bentuk Perisian Multimedia	2	01

2002/2003	2	SPM1012	Telekomunikasi Dan Rangkaian	2	01
2003/2004	1	SPT4182	Kaedah Mengajar Sains Komputer	2	01
		SPM1012	Telekomunikasi Dan Rangkaian	2	01
2005/2006	1	SPM1702	Rekabentuk Pengajaran & Pembelajaran Perisian	2	01
		SPM2102	Bahasa Pengaturcaraan I	2	01
2005/2006	2	SPM3112	Bahasa Pengaturcaraan II	2	01
		SPM2102	Bahasa Pengaturcaraan I	2	01
2005/2006	3	SPT2012	Telekomunikasi Dalam Pendidikan	2	01
2006/2007	1	SPM4712	Kaedah Mengajar Sains Komputer	2	01
		SPM2102	Bahasa Pengaturcaraan I	2	01
2006/2007	3	SPM1702	Reka Bentuk Perisian Multimedia	2	01
2007/2008	1	SPM2102	Bahasa Pengaturcaraan I	2	01
2016/2017	1	SPM1012	Telekomunikasi Dan Rangkaian	2	01
2016/2017	2	SPM3112	Bahasa Pengaturcaraan I	2	01
		SPM3112	Bahasa Pengaturcaraan II	2	01
2017/2018	1	SPM3112	Bahasa Pengaturcaraan I	2	01
		SPM3112	Bahasa Pengaturcaraan II	2	01
2017/2018	2	SPM4712	Kaedah Mengajar Sains Komputer	2	01
2018/2019	1	SPPM4712	Kaedah Mengajar Sains Komputer	2	01
2018/2019	2	SPPM4712	Kaedah Mengajar Sains Komputer	2	01
2019/2020	2	SPPP1032	Telekomunikasi Dan Rangkaian Komputer	2	01
2020/2021	1	SPPM1702	Rekabentuk Perisian Multimedia	2	01
		SPPM1702	Rekabentuk Perisian Multimedia	2	02
TOTAL CREDIT HOUR				**52**	

INDUSTRIAL/TEACHER TRAINING SUPERVISION

NO	NAME OF STUDENT	LEVEL (FACULTY/UTM/ NATIONAL/ INTERNATIONAL)	LOCATION	YEAR
1	Norfazilah binti Ghozali	Universiti Teknologi Malaysia	SMK Taman Kota Puteri	2005/2006
2	Siti Rohani binti Abdullah			
3	Noraini binti Ramlee	Universiti Teknologi Malaysia	SMK Kota Masai	2005/2006
4	Nurul Firdaus binti Mohamed Salleh	Universiti Teknologi Malaysia	SMK Taman Megah Ria	2005/2006
5	Mohd Hishamuddin bin Md Basar	Universiti Teknologi Malaysia	SMK Seri Kota Puteri 2	2005/2006
6	Normasuriani binti Mohd Noor			
7	Abdul Rahim bin Hasan	Universiti Teknologi Malaysia	SMK Desa Skudai	2006/2007
8	Erdiana binti Timmong			
9	Noor Murni binti Abdul Sukor	Universiti Teknologi Malaysia	SMK Majidi Baru	2007/2008
10	Norhayati binti Rahmat			
11	Siti Fatimah binti Mohammed	Universiti Teknologi Malaysia	SMK Dato Penggawa Timur	2007/2008
12	Ghandiswari A/P Paniandi			
13	Sri Dewi binti Rahimi			
14	Arinah binti Zaidan			
15	Salsya Laely Nutjannah	Universitas Muhammadiyah Purwokerto, Indonesia	SK Seri Taman Mutiara Rini	2017/2018
16	Zahara Yuyun Nailufar			
17	Yuni Susanti			

18	Zaidah binti Zulkifli	Universiti Teknologi Malaysia	Sek. Agama Taman Kota Masai 2	2019/2020
19	Noor Akma binti Kaman		Sek. Agama Taman Scientex	

SUPERVISION

PHD STUDENTS
Main Supervisor

No	Name	Status (Graduated/ Ongoing)	Title	Date
1	Mohd Munir Bin Hj. Baharom	Graduated 2015-2020	Pendidikan Sains Berasaskan Inkuiri Dengan Perancah Berinstruksi Menerusi Apps Dalam Meningkatkan Kemahiran Proses Sains Pelajar	2015
2	Azizah Binti Yusof	Viva 2015 – 2022	Gamification in e-Service Learning To Support Student Behaviour Engagement and Mastery Graduate Attribute	2015
3	Valerie Bukas Anak Marcus	Ongoing 2018 – 2022	Enhancing Students' Engagement in Extreme-Service Learning based on Authentic Environment	2018
4	Lim Wan Koon	Viva 2018 – 2022	Penguasaan Kemahiran Penulisan Kritis dan Kreatif Bahasa Melayu menerusi Web Interaktif berdasarkan Strategi Pembelajaran Autentik	2018
5	Irene Tiong Yee Ting	Ongoing 2020-2022	Integration of Continuum Visual Thinking To Improve Students' Critical Thinking In Learning Science Through Web Technology	2020
6	Su Min	Ongoing 2021-2022	Virtual Exchange Based On Community Of Inquiry For Chinese Vocational College Students To Promote Intercultural Communication Competence	2021
6	Norlaila Binti Ariffin	Ongoing 2021-2022	Pengintegrasian Gamifikasi dalam Pembelajaran Sains Berasaskan Inkuiri bagi Penguasaan Kemahiran Proses Sains Murid Sekolah Rendah	2021
8	Zhao Yangyang	Ongoing 2021-2022	Multimedia Integration In Aerobics Course Based On Cognitive Flexibility Theory To Strengthen Chinese College Students' Self-Confidence And Knowledge Representation	2021
9	Ong Jing Ying	Ongoing 2021	Enhancing Primary School Student Chinese Essay Writing Performance Using Personal Learning Network Pln Based On Scaffolded Connectivism Learning Framework	2021
10	Chan Pui Leng	Ongoing 2021	Integration of Continuum Visual Thinking Elements to Enhance Student Musical SightReading Skill Based on Visualization Strategy	2021
11	Devagi A/P Subramaniam	Ongoing 2022	Cognitive Presence Through Social And Teaching In Community Of Inquiry With	2022

12	Yangzaibao	Ongoing 2022	Gamification Elements For Cambridge Students Learning Science	
12	Yangzaibao	Ongoing 2022	e-Mutual evaluations on students Quality Learning of Science For China College Students	2022
13	Guo Xiaojing	Ongoing 2022	Competency Based In Vocational Education Through Hybrid ProjectBased Learning With Gamification Elements Among China Vocational Students	2022
14	Chen Caixia	Ongoing 2022	Integrating Visualization Strategy With Gamification Elements In English Learning To Promote College Studentsrsquo Four Core Skills	2022
15	Chen Chen	Ongoing 2022	Gamified Eproject Based Learning Strategy In Visual Arts Course To Promote Chinese Primary School Students Critical And Creative Thinking Skills	2022
16	Umi Mastura Binti Abd Majid	Ongoing 2023	Gamifikasi Hibrid Pembelajaran Servis Bagi Pembelajaran Sains Komputer Menyokong Kemahiran Generik Pelajar	2023

PHD CO SUPERVISOR

No	Name	Status (Graduated/ Ongoing)	Title	Date
1	Rohani Binti Abd Wahab	Graduated 2013-2017	Pembelajaran Geometri Tiga Dimensi Melalui Perisian Sketchup Make Bagi Mempertingkatkan Kemahiran Visual Spatial dan Tahap Pemikiran Geometri	2013
2	Mohd Nizam Binti Arshad	Graduated 2013-2018	Strategi Pembelajaran Pembezaan Berfokuskan Metakognitif Bagi Mempertingkatkan Penaakulan Matematik	2013
3	Nor Delyliana Binti Admon	Viva 2013 – 2022	Penjanaan Kemahiran Berfikir Aras Tinggi Melalui Strategi Pemikiran Matematik Dalam Persekitaran Luar Bilik Darjah Bagi Topik Kebarangkalian	2013
4	Jacinta Johnny	Graduated 2014-2018	Developing the Questioning for Reasoning Strategy to Elevate Reasoning Skill Among Mathematical High Achievers	2014
5	Zurina Binti Hamid	Viva 2014 – 2022	Persekitaran Pembelajaran Autentik Dalam Meningkatkan Kemahiran Berfikir Aras Tinggi (KBAT) Dalam Pembelajaran Bahasa Melayu Penulisan Menerusi Web	2014
6	MOHD ZAZALI BIN MOHAMAD ZIN@JIN	2013-2014	Simulasi tawaf 3 dimensi	2014
7	Zulhelmi Bin Zulkpli	Graduated 2016 – 2022	Pendekatan Infusi Pembelajaran berasaskan Pemikiran Kritis dan Kreatif Matematik	2016

MASTER STUDENTS

MASTER BY RESEARCH (MAIN SUPERVISOR)

No	Name	Status (Graduated/ Ongoing)	Title	Date
1	Mohd Amerul Akmal Bin Mohd Yunus	Graduated 2014-2015	Pembelajaran Kolaboratif Dalam Persekitaran Autentik Berdasarkan Teknologi Apps Bagi Pembentukan Kemahiran Proses Sains Asas Prasekolah	2014
2	Umi Mastura Binti Abd Majid	Graduated 2019-2022	Pembelajaran Sains Komputer Menerusi Hibrid Pembelajaran Servis Bervisual Terhadap Kontinum Pemikiran Visualisasi Dan Kemahiran Generik	2019

MASTER BY TAUGHT COURSE (MAIN SUPERVISOR)

No	Name	Status (Graduated/ Ongoing)	Title	Date
1	Valerie Bukas Anak Marcus	Graduated 2018	Improving Students' Learning Outcome Through E-Service Learning Program Based On Authentic Learning Strategy	2017
2	Nadiahtun Azreen Binti Othman	Graduated 2018	Pengintegrasian Laman Web Pembelajaran Servis Berasaskan Persekitaran Autentik Dalam Pembentukan Kontinum Pemikiran Visual Pelajar	2017
3	Gan Pei Chin	Graduated 2018	Three-Dimensional Geometry Through Multimedia Interactive Software In Promoting Students' Geometric Thinking	2017
4	Tan Geok Tin	Graduated 2018	Integrating Animation In Chinese Character Writing Based on Cognitive Theory Of Multimedia Learning To Promote Pupils Writing Skills	2017
5	Cai Yun Loo	Graduated 2018	Promoting Students' Visual Thinking in English Education Based on Visual Thinking Strategy Through English Software	2017
6	Muna 'Adilah Binti Abdul Halim	Graduated 2018	The Effects Of Social Media On Japanese Language Learning Using The Connectivism Theory	2017
7	Irene Tiong Yee Ting	Graduated 2019	Integrating Classroom Technology Based on Critical Thinking Strategy to Promote Critical Thinkers in Learning Science	2018
8	Thruchelvam Shalawat Kanmany	Submit Thesis 2020	The Impact on Social Interaction Through Economics Mobile Learning Based on Connectivism Theory Among Upper Secondary Students in International School	2019
9	Nurul Huda Binti Umar	Submit Thesis 2021	Learning Activities Based on Social Constructivism Theory to Promote Social Interaction and Student's Performance Through Social Media	2020

10	Norlaila Binti Ariffin	Ongoing 2021	Aktiviti Pembelajaran Sains Berdasarkan Kontinum Pemikiran Visual Menerusi Web Dalam Pembentukan Kemahiran Proses Sains Pelajar	2020
11	Warnnie Binti Musah			2021
12	Sumithara A/P Manugaran			2021
13	Ong Jing Ying		Enhancing Primary School Student Chinese Essay Writing Performance Using Personal Learning Network Pln Based On Scaffolded Connectivism Learning Framework	2021
14	Chan Pui Leng		Integration of Continuum Visual Thinking Elements to Enhance Students Musical SightReading Skill Based on Visualization Strategy	2021
15	Careline A/P A Pileventhram			2022
16	Chong Tat Wai			2022
17	Intan Nazira Binti Azmi			2022
18	Shamini A/P Veenugopal			2023
19	Chong Tat Wai			2024

MASTER BY MIX MODE (MAIN SUPERVISOR)

No	Name	Status (Graduated/ Ongoing)	Title	Date
1	Abdul Kadir Bin Abdul Wahab	Graduated 2014	Kajian Penggunaan ICT Di Sekolah Bestari Menerusi Model CIPP	2013
2	Mohd Nizar Bin Mohd Amir	Graduated 2020	Aktiviti Pembelajaran Autentik Berdasarkan Kontinum Pemikiran Visual Dalam Pembentukan Ingatan Kerja Kanak-Kanak Sindrom Down	2017

MASTER BY MIX MODE (CO SUPERVISOR)

No	Name	Status (Graduated/ Ongoing)	Title	Date
1	Mahfudz Bin Miskam	Graduated 2014	Pendekatan Pembelajaran Koperatif dan Penggunaan Video Animasi 3D Dalam Pembelajaran Bahasa Melayu Penulisan	2013
2	Md Azhan Bin Md Nasir	Graduated 2015	Pengimplementasian e-Portfolio Berteraskan Strategi Pembelajaran Kolaboratif Dalam Penyediaan Bahan Pentaksiran Berasaskan Sekolah (PBS)	2014

UNDERGRADUATE STUDENTS

MAIN SUPERVISOR

No	Name	Status (Graduated/ Ongoing)	Title	Date
1	Nur Idayu Bt. Rosni	Graduated	Pembangunan Sistem Maklumat Inventori Makmal Kimia Sekolah Berasaskan web	2005 /2006
2	Rohana Bt. Abdul Wahab	Graduated	Pembangunan Bahan Bantu Mengajar Menerusi Animasi Berkomputer Bagi Tajuk Jirim, Kimia Tingkatan Empat	2005 /2006
3	Suhailah Bt. Nor Asim	Graduated	Pembangunan CD-ROM: Bahan Bantu Mengajar Berbentuk Latihan Berkomputer Bagi Tajuk Pengenalan Kepada Pengaturcaraan Dalam Konteks Bahasa C++.	2005 /2006
4	Junainah Bt. Buhari	Graduated	Pembangunan Perisian Bahan Bantu Mengajar Berkomputer Berdasarkan Strategi Konstruktivisme Bagi Topik Panduan Mengajar Sains Komputer Dalam Saiz Kumpulan Berbeza	2005 /2006
5	Poey Sok Hua	Graduated	Pembangunan Perisian BBM Berasaskan Animasi Berkomputer Bagi Simulasi Teori Kinetik Jirim (Mata Pelajaran Fizik KBSM Tingkatan Empat)	2005 /2006
6	Hiew Yee Fun	Graduated	Faktor-Faktor Yang Mempengaruhi Penggunaan E-Learning Di Kalangan Pelajar Tahun Lima, Fakulti Pendidikan, UTM	2005 /2006
7	Noraini Bt. Mohd Lazim	Graduated	Pembangunan Prototaip Laman Web Sebagai Bahan Bantu Mengajar Bagi Tajuk "Penggunaan Internet Dalam Pengajaran Dan Pembelajaran"	2005 /2006
8	Nor Shafarina binti Sakir	Graduated	Penambahbaikan Pembangunan MPK bagi Pengaturcaraan HTML Serta Kajian Penerimaan Penggunaannya	2007 /2008
9	Ayuni Farhana Binti Ab Kadir	Graduated	Pembangunan Sistem Adaptif Bagi Subjek Bahasa Pengaturcaraan C++	2007 /2008
10	Khoo Vee Lynn	Graduated	Keberkesanan Subjek Sains Komputer Tawaran Fakulti Pendidikan, UTM Terhadap Kemahiran Generik Pelajar	2007 /2008
11	Siti Nur'ain Binti Mohd Said	Graduated	Pembangunan Laman Web Berasaskan Pendekatan Pemikiran Kritis Dan Penyelesaian Masalah Bagi Subjek Bahasa Pengaturcaraan I (C++)	2007 /2008
12	Siti Khatijah Binti Naraman	Graduated	Penerimaan Guru Pelatih Terhadap Penggunaan PPBK: Kajian Kes Terhadap Guru Pelatih, Fakulti Pendidikan, Universiti Teknologi Malaysia	2007 /2008
13	Mohd Sham Bin Zakaria	Graduated (PKPG Program)	Pembangunan Laman Web Bagi Bahasa Pengaturcaraan C++ Berdasarkan Reka Bentuk Teori Beban Kognitif	2007 /2008
14	Yakub Bin Jamaludin	Graduated (PKPG Program)	Pembangunan E-Kamus Bagi Javascript Berdasarkan Reka Bentuk Teori Beban Kognitif	2007 /2008
15	T. Komate A/P Tambai	Graduated (PKPG Program)	Penerimaan Pelajar Terhadap Penggunaan Modul Pembelajaran Kendiri Berdasarkan Reka Bentuk Teori Beban Kognitif Bagi Subjek Pengaturcaraan Web	2007 /2008
16	Mohd Ariff Bin Badarudin	Graduated (PKPG Program)	Pembangunan Laman Web Bagi Subjek Bahasa Pengaturcaraan I C++ Berdasarkan Strategi Pembelajaran Berasaskan Situasi	2007 /2008

17	Tee Kim Cheng	Graduated (PKPG Program)	*Pembangunan Pembelajaran Berbantukan Komputer Bagi Asas Pembangunan Laman Web Menggunakan Microsoft Frontpage Berasaskan Reka Bentuk Teori Beban Kognitif*	2007 /2008
18	Goh Sze Wei	Graduated (PKPG Program)	*Pembangunan Laman Web Berasaskan Pembelajaran Autentik Bagi Topik Pemformatan Laman Web, Tag HTML Dan Penggunaan Jadual*	2007 /2008
19	Maizatul Akmalia Binti Mohd Arifin	Graduated	*Pembangunan Laman Web Bagi Pembelajaran Frontpage Bertajuk Aplikasi Behavior, Navigasi Dan Komponen Web Berasaskan Persekitaran Pembelajaran Autentik*	2007 /2008
20	Norsheela Binti Othman	Graduated	*Modul Pembelajaran Kendiri Bagi Topik Jadual, Bingkai Dan Templat Web Dalam Subjek Bahasa Pengaturcaraan III Fakulti Pendidikan UTM*	2006 /2007
21	Noor Khuzaimah Binti Abdul Rahman	Graduated	*Pembinaan Modul Pembelajaran Kendiri Topik Tag Html, Pemformatan Laman Web Dan Pengaplikasian Audio Dan Video Menggunakan Aplikasi Frontpage XP 2003*	2006 /2007
22	Nurul Zawana Binti Mohd Nor	Graduated	*Modul Pengajaran Kendiri Bagi Tajuk Pembinaan Navigasi, Penggunaan Web Component, Penggunaan Input Form Dan Pembinaan Site Transition Menggunakan Aplikasi Microsoft Frontpage XP 2003*	2006 /2007
23	Wong Mei Fong	Graduated	*Pembangunan Perisian Multimedia Berdasarkan Pembelajaran Aktif Bagi Tutorial Bertajuk Garis Dan Satah Dalam Tiga Matra Matematik KBSM Tingkatan Empat*	2006 /2007
24	Audry Chan Pei Hoon	Graduated	*Pembangunan Perisian Multimedia Berdasarkan Pembelajaran Aktif Bagi Tutorial Bertajuk Kebarangkalian I Matematik Kbsm Tingkatan 4*	2006 /2007
25	Mariam Binti Mohamed	Graduated	*Pembangunan Sistem Maklumat Bagi Projek Sarjana Muda Fakulti Pendidikan*	2006 /2007
26	Beatrice Andrew	Graduated	*Penggunaan ICT Dalam Pengajaran Dan Pembelajaran: Sejauh Mana Ia Meningklatkan Kemahiran Generik Guru Pelatih, Fakulti Pendidikan*	2006 /2007
27	Swee Hoi Peng	Graduated	*Pembangunan Laman Web Berasaskan Pembelajaran Autentik Bagi Topik Pemformatan Laman Web, Tag HTML Dan Penggunaan Jadual*	2008 /2009

UNDERGRADUATE STUDENTS

CO SUPERVISOR

No	Name	Status (Graduated/On going)	Title	Date
1	Muhammad Takiyudin B. Sukeri	Graduated	Computer Based Learning: Perkara-Perkara Asas Fardhu A'in (PAFA)	2003 /2004
2	Mohd Firdaus B. Abdul Hamid	Graduated	Computer Based Learning: Ibadat Haji Dan Umrah	2003 /2004

PUBLICATIONS

JOURNAL

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol.	Issues	Page	Publication year	IF	Type of Publication	Category of Publication	Quartile Ranking	Category Author
1	Technological Affordances of E-Learning: An Analysis Of Students' Perceptions in Tertiary ICT Education	Information (Japan)	1343-4500	17	8	3659-3674	2014	-	Journal	Scopus	-	Co-Author
2	Using Activity Theory As Analytical Framework For Evaluating Contextual Online Collaborative Learning	International Journal Of Emerging Technologies In Learning	18688799	9	5	54-59	2014	-	Journal	Scopus	-	Co-Author
3	Enriching Stem Curriculums With Integration Of Mit Blossoms And Higher Order Thinking Skills (HOTS)	ICEED 2014 - 2014 IEEE 6th Conference On Engineering Education	978-147-9945-95-5	Article number 7194698	-	111-116	2015	-	Conference Paper	Scopus	-	Co-Author
4	A Case Study on Visual Spatial Skills and Level of Geometric Thinking in Learning 3D Geometry Among High Achievers	Man In India	00251569	96	1-2	489-499	2016	-	Journal	Scopus	-	Co-Author
5	Evaluation By Experts And Designated Users On The Learning Strategy Using Sketchup Make For Elevating Visual Spatial Skills And Geometry Thinking	Bolema Mathematics Education Bulletin	0103636X	31	58	819-840	2017	-	Journal	Scopus	-	Co-Author

No	Title	Journal	ISSN	Vol	Issue	Pages	Year		Type	Indexing		Role
6	Collaborative Learning In Authentic Environment Apps To Promote Preschool Basic Scientific Process Skills	International Journal of Interactive Mobile Technologies	18657923	11	3	4-15	2017	-	Journal	Scopus	-	UTM First Author
7	Difficulties In Reasoning Among High Achievers When Doing Problem Solving In Mathematics	Man In India	00251569	97	12	61-70	2017	-	Journal	Scopus	-	Co-Author
8	Improving The Reasoning Skills Of Students To Overcome Learning Difficulties In Additional Mathematics	Man In India	00251569	97	17	41-52	2017	-	Journal	Scopus	-	UTM First Author
9	The Rasch Analysis of Mathematics Teachers' Practices on Teaching Thinking Skills	Man In India	00251569	97	19	141-152	2017	-	Journal	Scopus	-	Co-Author
10	Understanding Learners Persistence and Engagement in Massive Open Online Courses: A Critical Review for Universiti Teknologi Malaysia	Man In India	00251569	97	12	147-157	2017	-	Journal	Scopus	-	UTM First Author
11	The Design And Implementation Of Massive Open Online Course (Mooc) For Highway Engineering Course	Pertanika Journal Of Social Science And Humanities	01287702	25	S1	377-386	2017	-	Journal	Web of Science	-	Corres-ponding Author
12	Extent Of Teacher Questioning To Promote Reasoning During Problem Solving In High Achieving Mathematics Classrooms	Advanced Science Letters	19366612	23	8	7438-7441	2017	-	Journal	Scopus	-	Co-Author

13	Problem Solving, Based On Metacognitive Learning Activities, To Improve Mathematical Reasoning Skills Of Students.	Man In India	00251569	97	12	213-220	2017	-	Journal	Web of Science	-	Co-Author
14	Primary Science Teacher Performance In Science Process Skills	Ieee 10th International Conference On Engineering Education (Iceed2018)	978-153866846-7	Article number 8626973	-	236-239	2018	-	Conference Paper	Scopus	-	UTM First Author
15	Measuring Research Literacy: Development Of Research Literacy Test	Turkish Online Journal Of Design, Art And Communication	21465193	Special Edition	-	1649-1655	2018	-	Journal	Web of Science	-	Co-Author
16	Examining International Postgraduate Students In Academic Research Writing Competencies	Advanced Science Letter	19366612	24	1	21-23	2018	-	Journal	Web of Science	-	Co-Author
17	Planning In Service Learning Project At High University	Advanced Science Letter	19366612	24	1	34-37	2018	-	Journal	Web of Science	-	Co-Author
18	Towards A Conceptual Framework For Service-Learning In Online Learning Environment	Proceedings of The International Conference On Industrial Engineering And Operations Management	21698767	2018	Mac	2893-2902	2018	-	Conference Paper	Scopus	-	UTM First Author
19	Promoting Staged Self-Directed Learning (Ssdl) Among Malaysian Tertiary Learners Through Online Discussion In Completing Group Assignment	Proceedings of 2018 IEEE International Conference on Teaching, Assessment and Learning for Engineering, TALE 2017	978-153860900-2	2018	Jan	265-270	2018	-	Conference Paper	Scopus	-	Co-Author

20	Assessment of Service Learning In Higher Education at Universiti Teknologi Malaysia	Advanced Science Letter	19366612	24	1	30-33	2018	-	Journal	Web of Science	-	UTM First Author
21	Service Learning: A Means For The Holistic Development Of Malaysian Higher Education Students	Advanced Science Letter	19366612	24	1	51-55	2018	-	Journal	Web of Science	-	Co-Author
22	The Effects Of Learning Strategy For 3-Dimensional Geometry Using "Sketchup Make" on Students' Geometry Thinking	Advanced Science Letter	19366612	24	6	4058-4062	2018	-	Journal	Web of Science	-	Co-Author
23	Video Tutorial Screencast And Sketchup Make (VTS-Sum) For Low Achievers In Learning 3D Geometry	Journal Of Engineering Science And Technology Special Issue On I-Cite 2018	18234690	11/ 2018	Special issue	57-70	2018	-	Journal	Web of Science	-	UTM First Author
24	Generic Green Skills Development: Initiatives Of Green Manufacturing Industries In Johor, Malaysia	Advanced Science Letters	19366612	24	4	2931-2935	2018	-	Journal	Web of Science	-	Co-Author
25	Integrating Animations In Chinese Character Writing Based On Cognitive Theory Of Multimedia Learning To Promote Students Writing Skills	International Journal of Interactive Mobile Technologies (IJIM)	18657923	12	7	97-111	2018	-	Journal	Scopus	-	UTM First Author
26	Promoting Students' Generic Skills with The Integration Of E-Service Learning Platform	International Journal of Emerging Technologies In Learning	18688799	14	20	4-17	2019	-	Journal	Web of Science	-	UTM First Author

27	Generic Green Skills in Teaching And Learning: Meaning And Implementation	Universal Journal of Educational Research	23323205	7	12A	121-126	2019	-	Journal	Scopus	-	Co-Author
28	The Psychometrics Evaluation Of Administrative Staff's Job Satisfaction	Indian Journal of Public Health Research and Development	09760245	10	9	1786-1791	2019	-	Journal	Scopus	-	Co-Author
29	Developing Students Graduate Attributes in Service Learning Project Through Online Platform	Proceedings of the International Conference on Industrial Engineering and Operations Management	21698767	2019	3	3524-3537	2019	-	Conference Paper	Scopus	-	UTM First Author
30	The Effects Of Video Tutorial Screencast Sketchup Make (VTS-SUM) In Learning 3D Geometry For Low Achievers	Universal Journal of Educational Research	23323205	7	10D	19-23	2019	-	Journal	Scopus	-	UTM First Author
31	Video Games As Vocabulary Enhancement Instrument In The 21st Century Classroom	International Journal of Recent Technology and Engineering	22773878	8	2	285-290	2019	-	Journal	Scopus	-	Co-Author
32	Do Demographics Matter? A Study On Administrative Staff's Satisfaction Level Towards Their High Education Institutions	Indian Journal Of Public Health Research And Development	09760245	10	9	1841-1845	2019	-	Journal	Scopus	-	Co-Author

33	Transnational Academic Collaboration For The Development Of An Islamic Studies Programme: The Sharing Of Experience	Indian Journal Of Public Health Research And Development	09760245	10	1	1322-1325	2019	-	Journal	Scopus	-	Co-Author
34	Validation Of A Developed University Placement Test Using Classical Test Theory And Rasch Measurement Approach	International Journal Of Advanced And Applied Sciences	2313626X	6	6	22-29	2019	-	Journal	Web Of Science	-	Co-Author
35	An Integration of "Online Interactive Apps" For Learning Application of Graph Theory To Enhance Creative Problem Solving Of Mathematics Students	International Journal of Interactive Mobile Technologies (IJIM)	18657923	14	12	97-109	2020	-	Journal	Scopus	-	UTM First Author
36	Benefits of Service Learning Based on The Three Pillars of Sustainability	Journal of Advanced Research in Dynamical and Control Systems	1943023X	12	4	551-558	2020	-	Journal	Scopus	-	Co-Author
37	Application of Rasch Analysis In Measuring Teacher Collegial Supervisory Instrument's Reliability And Validity	Universal Journal of Educational Research	23323205	8	11	6-14	2020	-	Journal	Scopus	-	Co-Author
38	Grayscale Image Enhancement for Enhancing Features Detection In Marker-	Journal of Theoretical And Applied Information Technology	19928645	98	13	2671-2683	2020	-	Journal	Scopus	-	Co-Author

	Less Augmented Reality Technology										
39	The Competency of English Language Teachers In Implementing The English Language Literacy Programme	International Journal of Psychosocial Rehabilition	14757192	24	5	5518-5526	2020	-	Journal	Scopus		Co-Author
40	A Systematic Review of E-Service Learning in Higher Education	International Journal of Interactive Mobile Technologies (IJIM)	18657923	14	6	4-14	2020	-	Journal	Scopus	-	UTM First Author
41	Integration of Science Learning Apps Based on Inquiry Based Science Education (IBSE) In Enhancing Students Science Process Skills (SPS)	International Journal of Interactive Mobile Technologies (IJIM)	18657923	14	9	95-109	2020	-	Journal	Scopus	-	UTM First Author
42	Analysis Of Scientific Reasoning Ability Of Prospective Biology Teacher Students In The Course Of Plant Development Structure	AIP Conference Proceedings	0094243X	2215	-	Article number 030021	2020	-	Conference Paper	Scopus	-	UTM First Author
43	Analysis Of Invertebrate And Vertebrate Animals In Malang Regency As An Animal Diversity Learning Resource For Biology Student At The Universitas Negeri Malang	AIP Conference Proceedings	0094243X	2215	-	Article number 030007	2020	-	Conference Paper	Scopus	-	UTM First Author
44	Visual Thinking Profile Of Mathematics Students In Graph	AIP Conference Proceedings	0094243X	2215	-	Article number 060029	2020		Conference Paper	Scopus	-	UTM First Author

	Theory Problem Solving Process											
45	Improving Questionaire Reliability Using Construct Reliability For Researches In Educational Technology	International Journal of Interactive Mobile Technologies					2021	-	International Journal	Scopus	-	Co-Author
46	Evaluating The Practice Of ICT-Based E-Leadership: The Experiences of Private-Based Secondary Teachers	International Journal: Emerging Technologies in Learning					2021	-	International Journal	Web Of Science	-	Co-Author
47	Exploring Student Emotional Engagement in Extreme E-Service Learning	International Journal of Emerging Technologies in Education					2021	-	International Journal	Web Of Science	-	Co-Author
48	Students Engagement and Development of Generic Skills in Gamified Hybrid Service-Learning Course	International Journal of Emerging Technologies in Learning (IJET)					2021	-	International Journal	Web Of Science	-	UTM First Author
49	Exploring Student Emotional Engagement in Extreme E-Service Learning	International Journal of Emerging Technologies in Learning (IJET)					2021	-	International Journal	Web Of Science	-	UTM First Author
50	Students' Performance and Perceptions Towards Authentic Learning Environment Based on Visual Thinking Continuum	International Journal of Emerging Technologies in Learning (IJET)					2021	-	International Journal	Web Of Science	-	Co-Author
51	Students' Perception Towards Engaging Factors of Extreme E-	International Journal of Interactive					2021	-	International Journal	Scopus	-	UTM First Author

No	Article Title	Journal Title	ISSN	Vol.	Issues	Page	Publication year	IF	Type of Publication	Category of Publication	Quartile Ranking	Category Author
	Service Learning Design For Computer Network Course	Mobile Technologies (IJIM)										
52	The Effect of Online Project-Based Learning Application on Mathematics Students' Visual Thinking Continuum In Covid-19 Pandemic	International Journal of Interactive Mobile Technologies					2021	-	International Journal	Scopus	-	UTM First Author
53	Does Sketchup Make Improve Students' Visual-Spatial Skills?	IEEE Access					2022	-	IEEE	Web Of Science	-	Co-Author
54	Challenges And Barriers To E-Leadership Participation: Examining the Perspectives of Malaysian Secondary School Teachers	Education And Information Technologies					2023	-	Education And Information	Web Of Science		Co-Author

JOURNAL NON-INDEXED

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol.	Issues	Page	Publication year	IF	Type of Publication	Category of Publication	Quartile Ranking	Category Author
1	Higher Order Thinking Skills Among High Achievers in Mathematics	Malaysian Journal of Higher Order Thinking Skills In Education					2016	-	Journal article	Non-Indexed	-	Co-Author
2	Developers Perspective on Mooc Sustainability In Universiti Teknologi Malaysia	Malaysian Journal of Industrial Technology (MJIT)	2462-2540	2	1	82-89	2017	-	Journal article	Non-Indexed	-	Co-Author

3	Learning The Strategy of Reasoning through Marzano Dimensional Mastery Learning Model Among Form Four Students for The Topic of Differentiation	Sains Humanika	2289-6996	9	1-4	1-7	2018	-	Journal article	Non-Indexed	-	Co-Author
4	Design And Learning Strategies Applied in Mooc: A Meta-Analysis	Sains Humanika	22896996	9	1-3	71-76	2017	-	Journal article	Non-Indexed	-	Co-Author
5	A Learning 3D Geometry Through Sketchup Make (SPPD-SUM) To Enhance Visual Spatial Skills and The Level of Geometric Thinking	Journal Of Fundamental and Applied Sciences	11129867	10	6S	1005-1039	2018	-	Journal article	Non-Indexed	-	Co-Author
6	Generic Green Skills: What Do Academician Have to Say	The Turkish Online Journal of Design, Art and Communication	21465193	8	Special Edition	2743-2749	2018	-	Journal article	Non-Indexed	-	Co-Author
7	Improving Student's Learning Outcomes Through E-Service Learning Based on Authentic Learning Strategy	Innovative Teaching and Learning Journal (ITLJ)	26008572	2	1	8-16	2018	-	Journal article	Non-Indexed	-	UTM First Author
8	The 21st Century Learning in Malaysian Primary School: Exploring Teachers' Understanding and Implementation Of Hots	Advances In Social Science, Education and Humanities Research					2018	-	Journal article	Non-Indexed	-	First UTM Co-Author

9	A Study on The Effect of Instructional Leadership Practices Towards Teachers' Innovativeness	International Journal of Civil Engineering and Technology	0976-6308	10	3	2663-2673	2019	-	Journal article	Non-Indexed	-	Co-Author
10	ICT Belief, Skills, and Knowledge: Evidence from Primary Schools' Senior Assistants	International Journal of Civil Engineering and Technology	0976-6308	10	3	2674-2682	2019	-	Journal article	Non-Indexed	-	Co-Author
11	Enhancing Learning Mathematical Concept of Set Topic for Empirical Inductive Students Using PBL MATHSSET	Journal of Critical Reviews	23945125	7	13	1327-1337	2020	-	Journal article	Non-Indexed	-	UTM First Author
12	Blended Learning in English Teaching and Learning: An Overview of Current Practice in Oman	Innovative Teaching and Learning Journal	26008572	4	2	60-70	2020	-	Journal article	Non-Indexed	-	Co-Author
13	Scientific Reasoning Skills (Srs): Predictor to The Student'sproblem-Solving in The Biology Classroom?	Biosfer: Jurnal Pendidikan Biologi					2021	-	Journal article	Non-Indexed	-	UTM First Author
14	The Importance of Art Education for Elementary School in China	International Journal of Society for Educational Initiatives					2022	-	Journal article	Non-Indexed	-	Co-Author
15	Perkembangan Kontinum Visualisasi Pelajar Menerusi Aktiviti Pembelajaran Servis	Humanizing Education: Trends And Challenges					2022	-	Journal article	Non-Indexed	-	UTM First Author

	Dalam Kursus Rangkaian Komputer											
16	Pengintegrasian Permainan Berkomputer Dalam Pembelajaran Kesusateraan Bahasa Tamil Bagi Penguasaan Kemahiran Abad Ke-21 Murid Sekolah	Innovative Teaching and Learning Journal (ITLJ)					2022	-	Journal article	Non-Indexed	-	UTM First Author
17	Critical And Creative Thinking in Malay-Language Essay-Writing Through an Online Authentic Learning Environment	Remittances Review					2023	-	Journal article	Non-Indexed	-	UTM First Author
18	Pembentukan Kontinum Pemikiran Visual Pelajar Menerusi Visualisasi Hibrid Pembelajaran Servis (V-HIPS)	Jurnal Kemanusiaan					2023	-	Journal article	Non-Indexed	-	UTM First Author
19	Blending Synchronous and Asynchronous Based on Visualization Strategy In Music Lesson To Promote Music Students' Performance Skil	Innovative Teaching and Learning Journal (ITLJ)					2023	-	Journal article	Non-Indexed	-	UTM First Author
20	Critical And Creative Thinking in Malay-Language Essay-Writing Through an Online Authentic Learning Environment	Remittances Review					2023	-	Journal article	Non-Indexed	-	Co-Author

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN/ISBN	Vol.	Issues	Page	Publication year	IF	Type of Publication	Category of Publication	Quartile Ranking	Category Author
21	Pembelajaran Sains Menerusi Web Berdasarkan Kontinum Pemikiran Visualisasi Dalam Meningkatkan Kemahiran Proses Sains Murid	Innovative Teaching and Learning Journal (ITLJ)					2023	-	Journal article	Non-Indexed	-	UTM First Author

OTHERS PUBLICATION

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN/ISBN	Vol.	Issues	Page	Publication year	IF	Type of Publication	Category of Publication	Quartile Ranking	Category Author
1	E-Supervision: A Prototype for Teacher Training in UTM	Proceeding of 3rd International Conference on Literacy 2003	-	-	-	-	2003	-	Chapter	Proceeding	-	Co-Author
2	Penyeliaan Latihan Mengajar Secara Elektronik (E-Supervision): Satu Kajian Kes di Fakulti Pendidikan, Universiti Teknologi Malaysia. Proceeding of 3rd International Conference on Literacy 2003	Proceeding of 3rd International Conference on Literacy 2003	-	-	-	-	2003	-	Chapter	Proceeding	-	Co-Author
3	Sains Komputer – Teknik dan Teknologi	Venton Publishings	983-2661-25-0	-	-	1-94	2003	-	Book	Original Book		Co-Author
4	Students' Acceptance Towards the Use Of Computer-Simulation In	Proceeding of Konvensyen Teknologi	-	-	-	-	2005	-	Chapter	Proceeding	-	UTM First Author

No	Title	Source					Year		Type	Category		Author
	Learning Network Design: A Case Study In Faculty Of Information Technology And Quantitative Sciences, Universiti Teknologi Mara	Pendidikan Ke-18										
5	Measuring Students' Performance from The Effectiveness Of Using Computer Simulations In Learning Network Design	Universiti Teknologi MARA	-	-	-	1-246	2005	-	Thesis	Master Thesis	-	UTM First Author
6	Pengaplikasian Pembelajaran Kolaboratif Dalam Sistem E-Pembelajaran Bagi Mata Pelajaran Bahasa Gubahan (SPM 2322) di Fakulti Pendidikan, Universiti Teknologi Malaysia	Proceeding of Konvensyen Teknologi Pendidikan Ke-19	-	-	-	-	2006	-	Chapter	Proceeding	-	Co-Author
7	Applying Andragogy and Enhancing Generic Skills In Technology Supported Learning Of Multimedia Software Design Subject	Proceeding of Konvensyen Teknologi Pendidikan Ke-19	-	-	-	-	2006	-	Chapter	Proceeding	-	Co-Author
8	Faktor-Faktor Yang Mempengaruhi Penggunaan E-Learning Di Kalangan Pelajar Tahun Lima Fakulti Pendidikan UTM	Proceeding of Konvensyen Teknologi Pendidikan Ke-19	-	-	-	-	2006	-	Chapter	Proceeding	-	UTM First Author
9	Penerapan Kemahiran Generik Melalui Pembelajaran Aktif	Proceeding of Konvensyen Teknologi	-	-	-	-	2006	-	Chapter	Proceeding	-	UTM First Author

No	Title	Source					Year		Type	Category		Author
	Dikalangan Pelajar Fakulti Pendidikan, UTM Untuk Subjek Bahasa Pengaturcaraan	Pendidikan Ke-19										
10	The Application of An Effective E-Collaborative Learning Among Students In The Authoring Language Subject (SPM 2322) at the Faculty Education, University Technology Malaysia	Proceeding of Seminar Kebangsaan Sains Sosial & ICT (Concist 2006)	-	-	-	-	2006	-	Chapter	Proceeding	-	UTM First Author
11	Measuring Students' Performance Based on Kirkpatrick's Model: Using Computer-Simulation in Learning Network Design	Proceeding of 3rd International Conference on University Learning and Teaching	-	-	-	-	2006	-	Chapter	Proceeding	-	UTM First Author
12	E-Learning Research and Development or e-Learning Related to Learning Computer Science, Information Technology and Multimedia: Universiti Malaysia's Experience.	Proceeding of 3rd International Conference on University Learning and Teaching	-	-	-	-	2006	-	Chapter	Proceeding	-	Co-Author
13	Screen Design Improvement System (SDIS): System for Assisting Students In Screen Design Process	Proceeding 1st International Malaysian Educational Technology Convention 2007	-	-	-	-	2007	-	Chapter	Proceeding	-	Co-Author
14	Faktor-Faktor Yang Mempengaruhi Penggunaan E-	Proceeding 1st International Malaysian	-	-	-	-	2007	-	Chapter	Proceeding	-	Co-Author

No	Title	Publisher/Venue	ISBN			Pages	Year		Type	Category		Authorship
	pembelajaran Di Kalangan Pelajar Tahun Akhir Fakulti Pendidikan, Universiti Teknologi Malaysia	Educational Technology Convention 2007										
15	Pembangunan Web Interaktif - Satu Pendekatan Sistematik	Venton Publishings	978-983-3526-9-70	-	-	1-117	2007	-	Book	Original Book	-	UTM First Author
16	Kosep Pembelajaran Autentik Menerusi Kepintaran Sistem Online Multimedia Interaktif (InMOS) Bagi Rangakaian Komputer	1st International Malaysian Education Technology Convention (IMETC 2007)					2007	-		Conference Paper	-	Individual Author
17	Faktor yang mempengaruhi penggunaan e-pembelajaran UTM	E-Pembelajaran: Reka Bentuk dan Pembangunan					2007	-	Book Chapter	Book	-	Individual Author
18	Microsoft Office Frontpage XP 2003 - Asas Pembangunan Halaman Web	Venton Publishings	978-967-5065-09-5	-	-	1-122	2008	-	Book	Original Book	-	UTM First Author
19	How to Design Multimedia and Web Application -Theory into Practice	Venton Publishings	978-967-5065-2-93	-	-	1-86	2008	-	Book	Original Book	-	Co-Author
20	Fundamental of Telecommunication	Venton Publishings	978-967-50-6519-4	-	-	1-102	2008	-	Book	Original Book	-	Co-Author
21	Visualization Application Through Computer Network Learning System (V-CONELS) in Authentic Learning Environments for Teachers Programme	Seminar Penyelidikan Pendidikan Pasca Ijazah (EDUPRES 2008)					2008	-		Conference Paper	-	Individual Author

No	Title	Source/Publisher	ISBN			Pages	Year		Type	Category		Author
22	Visualisasi menerusi sistem berasaskan pendekatan pembelajaran situasi dalam persekitaran autentik dalam mempelajari rekabentuk infrastruktur rangkaian komputer bagi program perguruan	2nd International Malaysia Education Technology Convention		-	-		2008	-		Conference Paper	-	Individual Author
23	Creating Your Own Teaching Portfolio	Nasmax Publishing	978-967-5390-05-0	-	-	1-38	2009	-	Book	Original Book	-	Co-Author
24	Profil Kontinum Pemikiran Visual Pelajar Menerusi Persekitaran Pembelajaran Autentik Bervisual	Universiti Teknologi Malaysia	-	-	-	1-340	2012	-	Thesis	PhD Thesis	-	UTM First Author
25	Pembangunan Perisian Latih Tubi Secara Adaptif bagi Subjek Pengenalan kepada Pengaturcaraan Berstruktur	Bahan Pengajaran Berasaskan Komputer.	978-983-52-0880-5	-	-	235-252	2012	-	Chapter	Book Chapter	-	Co-Author
26	Development of e-Contents	E-Learning Guidelines for Malaysian HEIs: Kementerian Pendidikan Tinggi	-	-	-	1-1-3	2014	-	Book	Original Book	-	Co-Author
27	Kerangka Konsep Kemahiran Proses Sains Asas Prasekolah Menerusi Apps Berdasarkan Strategi Pembelajaran	1st International Education Postgraduate Seminar 2014 (IEPS 2014)					2014	-	Article	Conference Paper	-	UTM First Author

No	Title	Publication					Year		Type			Role
	Kolaboratif Dalam Persekitaran Autentik											
28	Aplikasi Mudah Alih Bagi Pembelajaran Bahasa Melayu Berdasarkan Kepada Kaedah Fonetik Dan Oral Aural	Konvensyen Antarabangsa Jiwa Pendidik 2014					2014	-	Article	Conference Paper	-	UTM First Author
29	Strategi Pembelajaran Kolaboratif Dalam Persekitaran Autentik Bagi Pembentukan Kemahiran Proses Sains Asas Prasekolah Menerusi Teknologi Apps	Konvensyen Antarabangsa Jiwa Pendidik 2014					2014	-	Article	Conference Paper	-	UTM First Author
30	Pembentukan Kemahiran Insaniah Pelajar Menerusi Pembelajaran Teradun Dalam Persekitaran E-Autentik Bervisual	Konvensyen Antarabangsa Jiwa Pendidik 2014					2014	-	Article	Conference Paper	-	UTM First Author
31	E-Portfolio Dalam Pelaksanaan Penyediaan Bahan Pbs Menerusi Strategi Pembelajaran Kolaboratif	Konvensyen Antarabangsa Jiwa Pendidik 2014					2014	-	Article	Conference Paper	-	UTM First Author
32	Aktiviti Pembelajaran Dalam Persekitaran Autentik Berdasarkan Kontinum Pemikiran Visualisasi Bagi Pembentukan Ingatan Kerja Kanak-Kanak Sindrom Down	Konvensyen Antarabangsa Jiwa Pendidik 2014					2014	-	Article	Conference Paper	-	UTM First Author

No	Title	Source					Year		Type	Category		Author Role
33	Pembentukan Kemahiran Reka Bentuk Melalui Pembelajaran Aktif Dalam Persekitaran Autentik Bagi Pelajar Bermasalah Pembelajaran Spesifik	Konvensyen Antarabangsa Jiwa Pendidik 2014					2014	-	Article	Conference Paper	-	UTM First Author
34	Kerangka Konsep Pembelajaran Teradun Dalam Persekitaran Visual-Autentik Bagi Menyokong Kemahiran Insaniah Pelajar	1st International Education Postgraduate Seminar 2014					2014	-	Article	Conference Paper	-	UTM First Author
35	Aktiviti Pembelajaran Aktif Menerusi Pengintegrasian Program Zoom-A Bagi Pembelajaran Sains	1st International Education Postgraduate Seminar 2014					2014	-	Article	Conference Paper	-	UTM First Author
36	Kerangka Konsep Pembentukan Kemahiran Reka Bentuk Pelajar Bermasalah Pembelajaran Spesifik Menerusi Pembelajaran Aktif Dalam Persekitaran Autentik	1st International Education Postgraduate Seminar 2014					2014	-	Article	Conference Paper	-	UTM First Author
37	Dasar E-Pembelajaran Negara 2.0	Kementerian Pendidikan Tinggi	-	-	-	1-55	2015	-	Chapter	Policy Paper		Co-Author
38	"Does Educational Software Meets the Students' Cognitive Styles?"	1st International Conference on Educational Studies (ICES-2015)					2015	-	Article	Conference Paper		Co-Author

39	The Nature of Student Group Online Interactions In Learning Ict Education.	Envisioning The Future of Online Learning	978-981-10-0952-5	-	-	1-12	2015	-	Article	Proceeding		Co-Author
40	Pembentukan Komunikasi Visual Pelajar Menerusi e-Peta Minda	Implementasi Media Digital dalam Pengajaran & Pembelajaran	978-983-52-1033-4	-	-	1-20	2015	-	Chapter	Book Chapter	-	UTM First Author
41	Promoting Higher Order Thinking Skills Through Outside Classroom Strategy in Learning Mathematics	1st International Education Postgraduate Seminar 2014 (Ieps 2014) Proceeding Volume 1 (Diterbitkan Pada 2015)					2015	-	Article	Proceedings	-	Co-Author
42	Pembangunan Strategi Pembelajaran Geometri Tiga Dimensi: Pelan Dan Dongakan Melalui Sketchup Make	2nd International Education Postgraduate Seminar 2015 (IEPS 2015)					2015	-	Article	Conference Paper	-	Co-Author
43	Reasoning Skills Among Students: A Meta-Analysis	"2nd International Education Postgraduate Seminar 2015 (Ieps 2015) 20-21 December 2015 Pulai Spring Resort, Johor"					2015	-	Article	Conference Paper	-	Co-Author
44	Enhancing Higher Order Thinking Skills Through Mathematical Thinking in	2nd International Education Postgraduate					2015	-	Article	Conference Paper	-	Co-Author

#	Title	Source	ISBN			Pages	Year		Type	Category		Author Role
	An Outside Classroom Learning Environment: A Theoretical Framework	Seminar 2015 (IEPS 2015)										
45	Meningkatkan Kemahiran Penaakulan Matematik Berfokuskan Metakognitif Dalam Kalangan Pelajar	2nd International Education Postgraduate Seminar 2015 (IEPS 2015)					2015	-	Article	Conference Paper	-	Co-Author
46	Blossoms: Blended Learning Approach That Helps Develop Teachers and Students Higher Order Thinking Skills (HOTS) In Stem	I-PHEX 2015					2015	-	Article	Proceedings	-	UTM First Author
47	Zoom-A Program Usage Guide Based on Active Learning Strategies	5th International Conference On E-Learning (ICEL2015)					2015	-	Article	Conference Paper	-	Co-Author
48	Scientific Performance Profile Based on Preschool Apps-Aided Basic Scientific Process Skills Proficiency Patterns	5th International Conference On E-Learning 2015					2015	-	Article	Proceedings	-	Co-Author
49	Utilization of Mind Map Levelling in Supporting Students' Visual Comunication Development	Integration of Technology in Teaching & Learning	978-983-52-1037-2	-	-	1-20	2016	-	Chapter	Book Chapter	-	UTM First Author
50	Development of Virtual Learning Environment Assited by Animated Pedagogical Agent for Authoring Language Course at the Faculty of Education	Integration of Technology in Teaching & Learning	978-983-52-1037-2	-	-	21-37	2016	-	Chapter	Book Chapter	-	Co-Author

51	UTM MOOC	A Guide to New Academia Learning Innovation (NALI)	978-967-01-9461-4	-	-	104-111	2016	-	Chapter	Book Chapter		UTM First Author
52	Student to Student Edutainment	A Guide to New Academia Learning Innovation (NALI)	978-967-01-9461-4	-	-	121-130	2016	-	Chapter	Book Chapter	-	Co-Author
53	Higher Order Thinking Skills Among High Achievers in Mathematics	Malaysian Journal of Higher Order Thinking Skills in Education	2462-2397	3	-	82-92	2016	-	Chapter	Book Chapter	-	Co-Author
54	Kebarangkalian (Probact), Strategi Pemikiran Matematik Luar Bilik Darjah	Perpustakaan Negara Malaysia	978-983-4279-48-6	-	-	1-44	2016	-	Book	Original Book	-	UTM First Author
55	SPPD-SUM Strategi Pembelajaran Tiga Dimensi Geometri: Pelan Dongakan Menerusi Perisian Dinamik SketchUp Make	Perpustakaan Negara Malaysia	978-967-0194-53-0	-	-	1-138	2016	-	Book	Original Book	-	UTM First Author
56	Strategi Pembelajaran Penaakulan Berfokuskan Metakognitif (SPPBM) Pembezaan	Perpustakaan Negara Malaysia	978-983-4279-46-2	-	-	1-140	2016	-	Book	Original Book	-	UTM First Author
57	Enhancing Higher Order Thinking Skills in Learning Probability through Outside Classroom Technology Strategy	Emerging Technology & Strategy for Learning	978-983-52-1180-5	-	-	39-48	2016	-	Book	Book Chapter	-	Co-Author

58	A Meta-Analysis on Design and Learning Strategies In MOOC	Proceedings Of The 6th International Graduate Conference on Engineering, Science and Humanities (IGCESH 2016)					2016	-	Article	Proceedings	-	Co-Author
59	Does Educational Software Meets the Students' Cognitive Styles	Research On Educational Studies Volume 1					2016	-	Book Chapter	Book	-	UTM First Author
60	Implementation Of Aunthentic Learning Strategy for Web Based Development Course Through MOOCS	IUCEL 2016 The International University On E-Learning					2016	-	Article	Proceedings	-	Co-Author
61	Pelaksanaan Kurikulum Standard Sekolah Rendah Dalam Kalangan Sekolah Kurang Murid	Penyelidikan Dalam Perancangan Dan Pelaksanaan Kurikulum					2016	-	Book Chapter	Book	-	UTM First Author
62	Students Perception Towards Utm Mooc as Blended Learning in Higher Learning Institution	International Conference on Education and Higher Order Thinking Skills 2016					2016	-	Article	Proceedings	-	Co-Author
63	Students Perception on The Level of Higher Order Thinking Skills In Probability Based On Outside Classroom Learning Environment	International Graduate Conference on Engineering, Science And Humanities 2016					2016	-	Article	Proceedings	-	UTM First Author

64	The Effect Of Learning Geometry Through Sketchup Make To Enhance Visual Spatial Skills Among Students	International Graduate Conference On Engineering, Science And Humanities (IGCESH						2016	-	Article	Proceedings	-	UTM First Author
65	Learning The Strategy Of Reasoning Through Marzano Dimensional Mastery Learning Model Among Form Four Students For The Topic Of Differentiation	International Graduate Conference On Engineering, Science And Humanities (IGCESH)						2016	-	Article	Proceedings	-	UTM First Author
66	Integration Of Moocs As Blended Learning In Learning Research Methodology Course	IUCEL 2016 The International University On E-Learning						2016	-	Article	Proceedings	-	Co-Author
67	UTM Massive Open Online Courses Development Process: A Guide In Designing	International Conference On Education And Higher Order Thinking Skills 2016						2016	-	Article	Proceedings	-	UTM First Author
68	Profil Aktiviti Kebarangkalian (PROBACT)							2016	-	Book Chapter	Book	-	UTM First Author
69	Strategi Pembelajaran Geometri Tiga Dimensi: Pelan Dan Dongakan - Menerusi Perisian Dinamik Sketchup Make							2016	-	Book	Book	-	UTM First Author
70	Questioning for Reasoning: A Teacher's Guide to Building and	Perpustakaan Negara Malaysia	978-967-0194-90-5	-	-	1-26	2017	-	Book	Original Book	-	UTM First Author

No.	Title	Source	ISBN			Pages	Year		Type	Category		Author Role
	Executing Non-Routine Mathematics Tasks											
71	Enhancing Students' Visual Spatial Skills (Vss) And Geometry Thinking (Gtl) Using 3D Geometry Teaching Strategy Through Sketchup Make (SPPD-SUM)	Proceedings Of The 41st Conference Of The International Group For The Psychology Of Mathematics Education (Vol. 2). Singapore: Pme.					2017	-	Article	Proceedings	-	Co-Author
72	Generic Green Skills Development: Initiatives Of Green Manufacturing Industries In Johor, Malaysia	2nd Advanced Research On Business, Management And Humanities (ARBUHUM) 2017					2017	-	Article	Conference Paper	-	UTM First Author
73	The Aspects Of Academic Research Writing Among Malaysian Postgraduate Students	International Conference On Applied Counseling And Psychology [ICACP2017]					2017	-	Article	Conference Paper	-	Co-Author
74	The 21st Century Learning In Malaysian Primary School: How Teachers Apply, Analyze, Evaluate In HOTs?	The 1st International Conference On Creativity, Innovation, Technology In Education (IC-CITE)	-	-	-	-	2018	-	Article	Conference Paper	-	Co-Author
74	Kajian Keberkesanan Program International Service Learning (ISLP	Proceeding of New Academia Learning	978-967-2171-21-8	-	-	91-94	2018	-	Chapter	Proceeding	-	Co-Author

	Anjuran Fakulti Pendidikan Utm	Innovation (NALI) Sharing Practices 2018										
75	Polisi Pembangunan, Penawaran Dan Pindah Kredit MOOC UTM	-	-	-	-	-	2018	-	Report	Clasified/ Technical Report	-	Co-Author
76	Polisi Dan Garis Panduan Pembangunan, Penawaran Dan Pindah Kredit MOOC UTM		-	-	-	-	2018	-	Paper	Policy Paper	-	Co-Author
77	Curriculum Delivery And Quality Improvement	Perpustakaan Negara Malaysia	978-967-2171-36-2	-	-	621	2018	-	Book	Original Book	-	Corresponding Author
78	Academic Programme Development	Perpustakaan Negara Malaysia	978-967-2171-35-5	-	-	620	2018	-	Book	Original Book	-	Corresponding Author
79	Framework Of Online Authentic Learning Environment In Promoting Students Visual Thinking	Conceptual Framework Of Learning Theory Implementation In Educational Technology	9789835215 6811	-	-	148-176	2018	-	Chapter	Book Chapter	-	UTM First Author
80	Framework Of Activity Theory In Developing Document Record Management System	Conceptual Framework Of Learning Theory Implementation In Educational Technology	9789835215 6811	-	-	130-147	2018	-	Chapter	Book Chapter	-	Co-Author
81	Implementation Of Holistic Social Learning Environment	E-Learning Carnival And Conference 2018	-	-	-	-	-	2018	-	Article	Conference Paper	-	Co-Author
82	Design And Development Of Learning Activities For	Isu-Isu Pendidikan	978-967-0194-68-4	-	-	1035-1045	2018	-	Chapter	Proceeding	-	UTM First Author

No	Title	Source	ISBN			Pages	Year		Level	Type		Author Role
	Eservice Learning Program Based On Authentic Learning Strategy	Kontemporari Sem I 2017-2018										
83	Persepsi Pelajar Terhadap Pembelajaran Servis Berdasarkan Strategi Pembelajaran Autentik	Isu-Isu Pendidikan Kontemporari Sem I 2017-2018	978-967-0194-68-4	-	-	989-1000	2018	-	Chapter	Proceeding	-	UTM First Author
84	Students' Perception Towards The Use Of FROG-VLE Based On Rogers Diffusion Of Innovation Theory	International Conference On Creative And Innovative Technology In Education (I-CITE 2018)	-	-	-	-	2018	-	Article	Conference Paper	-	Co-Author
85	Pendekatan Infusi Pembelajaran Berasaskan Pemikiran Kritis Dan Kreatif Matematik: Ungkapan Algebra	Perpustakaan Negara Malaysia	978-967-2171-14-0	-	-	1-132	2018	-	Book	Original Book	-	Co-Author
86	Implementing The Four Cs Of 21st Century Skills In Classroom : Do Malaysian Primary Teachers Understand?	The 2nd Annual International Conference on Mathematics, Science And Education (Icomse2018)	978-602-470-092-8	-	-	35-45	2018	-	Chapter	Proceeding	-	Co-Author
87	Improving Students' Learning Outcomes Through E-Service Learning Based on Authentic Learning Strategy	Proceeding of New Academia Learning Innovation (NALI 2018)	978-967-2171-31-7	-	-	52-54	2018	-	Chapter	Proceeding	-	Corresponding Author

88	Edutainment Mobile Application - Kembara Nombor	Proceeding of New Academia Learning Innovation (NALI 2018)	978-967-2171-31-7	-	-	66-67	2018	-	Chapter	Proceeding	-	Corresponding Author
89	Modul Pembelajaran Kendiri Dalam Pembelajaran Berasaskan Senario	Proceeding of New Academia Learning Innovation (NALI 2018)	978-967-2171-31-7	-	-	199-201	2018	-	Chapter	Proceeding	-	Corresponding Author
90	Modul Pembelajaran Kendiri : Pemprosesan Makanan - Hasil Biji-Bijian	Perpustakaan Negara Malaysia	978-967-2171-56-0	-	-	1-89	2018	-	Book	Original Book	-	Corresponding Author
91	Modul Pembelajaran Kendiri : Pemprosesan Makanan - Hasil Tenusu & Telur	Perpustakaan Negara Malaysia	978-967-2171-55-3	-	-	1-81	2018	-	Book	Original Book	-	Corresponding Author
92	Modul Pembelajaran Kendiri : Pemprosesan Makanan Bakeri	Perpustakaan Negara Malaysia	978-967-2171-57-7	-	-	1-103	2018	-	Book	Original Book	-	Corresponding Author
93	Pemprosesan Makanan - Konfeksioneri	Perpustakaan Negara Malaysia	978-967-2171-54-6	-	-	1-91	2018	-	Book	Original Book	-	Corresponding Author
94	3r Manual : Creativity In Sustainability	Perpustakaan Negara Malaysia	978-967-2171-24-9	-	-	1-30	2018	-	Book	Original Book	-	UTM First Author
95	Koleksi Setem Dan Filateli Nukilan Kanak-Kanak	Perpustakaan Negara Malaysia	978-967-2171-33-1	-	-	1-135	2018	-	Book	Original Book	-	UTM First Author
96	Kesedaran Pelajar Sekolah Menengah Terhadap Sekolah Lestari	Kurikulum Pendidikan Nilai	978-983-52-1583-4	-	-	121-156	2019	-	Chapter	Book Chapter	-	UTM First Author
97	Kesedaran Mahasiswa Terhadap Kampus Lestari	Kurikulum Pendidikan Nilai	978-983-52-1583-4	-	-	215-252	2019	-	Chapter	Book Chapter	-	Co-Author

98	Basic Understanding of Higher Order Thinking Skill Among Malaysia Primary School Teachers In The Context Of 21st Century Learning	Proceeding Of The 1st International Conference Of Science And Technology In Elementary Education	978-1-63190-211-6	-	-	1-16	2019	-	Article	Proceeding	-	Co-Author
99	Evaluating A Standard Framework Of Collegial Supervision's Psychometric Properties For Malaysian Public Secondary Schools	3rd International Conference On Educational Studies (ICES 2019)	-	-	-	1-20	2019	-	Article	Conference Paper	-	Co-Author
100	The Competency of English Language Teachers In Implementing The English Language Literacy Programme	3rd International Conference On Educational Studies (ICES 2019)	-	-	-	1-9	2019	-	Article	Conference Paper	-	Co-Author
101	Pendekatan Pembelajaran Teradun (Blended Learning) Dalam Pengajaran Dan Pembelajaran Kemahiran Membaca Kanak-Kanak Pra Sekolah	Seminar Antarabangsa Pendidikan Bahasa, Sastera Dan Budaya Melayu Kedua 2019	978-967-0194-68-4	-	-	1596-1608	2019	-	Article	Conference Paper	-	Co-Author
102	Pembelajaran Autentik Menerusi Web Interaktif Bagi Meningkatkan Kemahiran Berfikir Aras Tinggi	Seminar Antarabangsa Pendidikan Bahasa, Sastera Dan Budaya Melayu Kedua 2019	978-967-0194-68-4	-	-	1-17	2019	-	Article	Conference Paper	-	Co-Author

103	Pembinaan Kemahiran Insaniah Melalui Program Service Learning Dalam Kalangan Mahasiswa Di Malaysia	International Seminar and Workshop On Social Sciences And Psychology	-	-	-	1-21	2019	-	Article	Conference Paper	-	Co-Author
104	A Report on FSSH UTM'S Experience Towards Digitizing Education	Perpustakaan Negara Malaysia	978-967-2401-13-1	-	-	14-27	2020	-	Chapter	Clasified/ Technical Report	-	UTM First Author
105	Basic of Computer Networking and Cabling Installation	Perpustakaan Negara Malaysia	978-967-2401-29-2	-	-	1-34	2020	-	Book	Original Book	-	UTM First Author
106	Online Learning Training	Faculty Of Social Sciences And Humanities, Universiti Teknologi Malaysia					2020	-	Book	Pelaporan / Penerbitan Khusus	-	Co-Author
107	HOTS Framework For Mathematics Using Online Learning Environment	Research Management Centre, Universiti Teknologi Malaysia					2020	-		Clasified/Technical Report	-	Co-Author
108	Blended Learning In English Teaching And Learning: An Overview Of Current Practice In Oman	Virtual International Conference On Ubiquitous Education And Learning [VICUEL]					2020	-	Article	Conference Paper	-	UTM First Author
109	Online Learning Through Bigbluebutton (BBB)	Technology Tools For Online Learning					2021	-	Book Chapter	Penerbit Utm Press	-	Co-Author
110	Piktochart: For Infographic Design						2021	-	Book (Text)	Sekolah Pendidikan Fakulti Sains	-	UTM First Author

No	Title	Source					Year		Type	Publisher		Author
										Sosial Dan Kemanusiaan		
111	Pandemik Covid-19 : Infografik Nukilan Pelajar Sekolah						2021	-	Modules / Manual		-	UTM First Author
112	Animation With Powtoon						2021	-	Book (Text)	Sekolah Pendidikan, Fakulti Sains Sosial Dan Kemanusiaan	-	UTM First Author
113	Teaching And Learning Online In Tvet: University Students Experience During Covid-19	4th Technical And Vocational International Conference					2021	-	Article	Proceedings	-	Co-Author
114	Buku Panduan Rubrik Pentaksiran Kemahiran Generik Mqf 2.0 Pra Siswazah Dan Pasca Siswazah Fssk Rubrik-Gen 2.0						2022	-	Modules / Manual		-	Co-Author
115	Community's Hybrid Program On Used Cooking Oil Recycling Management Among Single Mothers	Innovating Education For A Better Tomorrow International University Carnival On E-Learning (IUCEL) Proceedings 2022					2022	-	Article	Proceedings	-	Co-Author
116	Integration Of Instagram In Visualization Project-Based Learning For Foodservice Operations Course	International University Carnival On E-Learning (IUCEL) Proceedings 2022					2022	-	Article	Proceedings	-	Co-Author

117	VPJBL: An Instagram-Integrated Visualization Project-Based Learning To Foster Students' Technopreneurship	E-Proceeding : New Academia Learning Innovation (NALI) 2022					2022	-	Article	Proceedings	-	Co-Author
118	Keberkesanan Pembelajaran Autentik Dalam Pengajaran Kemahiran Berfikir Aras Tinggi Penulisan Bahasa Melayu	Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam Malaysia 2023					2023	-	Article	Proceedings	-	UTM First Author

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

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1	Guest Lecturer	Promoting and Assessing Argumentation Skill, Scientific Reasoning, and Problem Solving	26th August 2019	FMIPA, Universitas Negeri Malang, Indonesia
2	Invited speaker	3rd International Conference on Mathematics and Science Education (ICOMSE) 2019	26th August 2019	Faculty of Mathematics and Natural Sciences, Universitas Negeri Malang, Indonesia
3	Guest speaker	Building thinking skills and metacognition in New Normal Life in the face of RI 4.0	22nd Oct 2020	State University of Padang (UNP), Indonesia
4	Guest Lecturer	Trend Penelitian Berkaitan Media Pembelajaran Online Pada Masa Pandemik	20th Nov 2020	Online @ FMIPA, Universitas Negeri Malang, Indonesia

PROFESSIONAL SERVICES

CONSULTATION AND TRAINING

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION	TOTAL INCOME GENERATED (RM)
1	**Leader**	Training on Modern Teaching Methods In Computer Networks and Distributed Systems. Sponsored by World bank in Collaboration with The Afghan Ministry of Higher Education.	4 - 8 May 2014	Center for Teaching and Learning CTL, UTM	31,500
2	**Leader**	Specialized Training On Interactive Learning Management System And Research Linkages In Computer Networks And Distributed Systems. Sponsored by World bank in Collaboration with The Afghan Ministry of Higher Education.	23 - 31 March 2014	Center for Teaching and Learning CTL, UTM	21,000
3	**Leader**	Development of Malaysia MOOC (MyMOOC) courses. Sponsored by Ministry of Education Malaysia in Collaboration with The Malaysian e-Learning Council for Public Universities (MEIPTA).	2015 - 2016	Center for Teaching and Learning CTL, UTM	138,000
4	Member	E-Learning Training Courses. Sponsored by World Bank, in	3 - 4 Nov 2016	Faculty of Education,	11,000

		Collaboration with Center of Engineering Education (CEE), UTM.		Universiti Teknologi Malaysia	
5	Member	Blended Learning & New Web Emerging Technologies Training. Sponsored by World Bank in Collaboration with Center of Engineering Education (CEE), UTM.	12 October 2017	Faculty of Education, Universiti Teknologi Malaysia	6,000
6	Member	International Service Learning Universitas Muhammadiyah Purwokerto & Universiti Teknologi Yogjakarta, Indonesia. Collaboration Faculty of Education Universiti Teknologi Malaysia.	16 July - 7 Aug 2017	FELDA Air Tawar, Kota Tinggi, Johor	30,000
7	**Leader**	Blended Learning & Emerging Educational Technologies Training. Collaboration with The Afghan Ministry of Higher Education and Center of Engineering Education (CEE), UTM.	14 - 15 April 2018	Faculty of Education, Universiti Teknologi Malaysia	11,000
8	Member	Program Latihan Pembangunan Dan Semakan Kurikulum Institut Pengajian Islam Pergas	10 May 2018 - 30 Apr 2020	Institut Pengajian Islam Pergas (CN/2019/00196) :GTIM 43	51,942
9	**Leader**	Virtual International Conference On Ubiquitous Education And Learning (VICUEL 2020)	15 June 2020 – 15 May 2021	Faculty of Social Sciences and Humanities, UTM & Universitas Negeri Malang: UTIM 96	57,600
10	Member	Comprehensive Academic Programme Development And Improvement Training Programme (VOT: UTIM 137)	1 Jan – 31 Dis 2021	Madrasah Tahfiz As-Salam	
11	Member	Perlantikan Panel Penasihat Industri Utm Dalam Program Lanjutan Pembangunan Kurikulum Akademik Sarjana Muda Pengajian Islam Pergas	1 Mac – 31 Dis 2022	Pergas Institute For Islamic Education, Singapore	
12	**Leader**	Latihan Kemahiran Inovasi Dan Ict Dalam Pengajaran Dan Pembelajaran TVET	3 Ogos – 5 Ogos 2021	Kolej Komuniti Kuala Langat	
13	Member	International Conference On Creative And Innovative Technology In Education 2021 (I-CITE 2021)	25 Ogos – 26 Ogos 2021	Universiti Awam Malaysia	
14	**Leader**	Perundingan Temubual Key-Informan Pelan Tindakan Pemerkasaan Wanita Negeri Johor	1 Jan – 31 Mei 2022	Yayasan Pembangunan Keluarga Darul Ta'zim	

16	**Leader**	International Collaboration Program For Experiential Learning And Competency – Based Education Landscape (I-Excel 2023), Universitas Islam Negeri Walisongo And UTM	7 Mei – 14 Mei 2023	Universitas Islam Negeri Walisongo, Indonesia	
17	**Leader**	International Collaboration Program For Experiential Learning And Competency – Based Education Landscape (I-EXCEL 2023)	7 Mei – 30 Mei 2023	Universitas Islam Negeri Walisongo Semarang	
18	**Leader**	3rd International Conference On Creative And Innovative Technology In Education 2023 (I-CITE 2023)	2 Okt – 3 Okt 2023	Postgraduate & Academicians	

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