CURRICULUM VITAE



PERSONAL DETAILS

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Gender	:	Male
Date of Birth/Age	:	27-8-1983/ 43
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Expertise	:	Mathematics Education
H-Index (WOS)	:	9
H-Index (SCOPUS)	:	17
H-Index (G. Scholar)	:	30
H-Index (ResearchGate)	:	26

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1.	Ijazah Doktor Falsafah	Pendidikan Matematik	Universiti Kebangsaan Malaysia (UKM)	2009	2013
2.	Ijazah Sarjana	Pendidikan Matematik	Universiti Teknologi Malaysia (UTM)	2006	2007
3.	Ijazah Sarjana Muda	Sains dan Komputer serta Pendidikan (Matematik)	Universiti Teknologi Malaysia (UTM)	2001	2006

AWARD AND HONORS RECEIVED

Summary	
International Awards/Honors	11
National Awards/Honors	15
UTM Awards/Honors	34
Faculty Awards/Honors	15

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL / INTERNATIONAL)	YEAR
1.	UK Council for Graduate Education (UKCGE) Recognised Research Supervisor	INTERNATIONAL	2025
2.	International Scholar Exchange Fellowship (ISEF) 2018-2019, Korea Foundation for Advanced Studies (KFAS)- attached at Chonnam National University, Gwangju, South Korea.	INTERNATIONAL	2019
3.	Awards for Publication Excellence for Young Scientist (under 35 years of age) in The i-Proclaim Annual Research Awards (ARA) 2017, Gombak, Universiti Islam Antarabangsa Malaysia (UIAM) Kuala Lumpur.	INTERNATIONAL	2017
4.	Best Paper Award in 19th International Conference on mathematics Education (ICME 2017), Dubai, UAE	INTERNATIONAL	2017
5.	Pingat Emas di International University Carnival on eLearning (IUCEL) 2016, "Enhancing Students' Higher Order Thinking Skills through MyGSP"	INTERNATIONAL	2016
6.	Pingat Gangsa di International University Carnival on eLearning (IUCEL) 2016, "eProject: Educational Research Study Management System"	INTERNATIONAL	2016
7.	Pingat Perak di International Invention & Innovation Exhibition (ITEX2016), "Enhancing Students' Higher Order Thinking Skills through MyGSP"	INTERNATIONAL	2016
8.	Education Order of Merit. Korea Inventor Award Festival 2016 di Best Western Seoul Garden, Korea Selatan	INTERNATIONAL	2016
9.	Silver Medal Award in Konvensyen Antarabangsa Jiwa Pendidik 2014 — "Enhancing students' higher order thinking skills through MyGSP"	INTERNATIONAL	2014
10.	Bronze Medal Award in Konvensyen Antarabangsa Jiwa Pendidik 2014 — "Modul Ikatan Kimia"	INTERNATIONAL	2014
11.	Silver Medal Award in Nusantara Educational Research Exposition 2009 — GeoVan: An Online Bilingual Geometry Self Study System by Using van Hiele Approach	INTERNATIONAL	2009
12.	Anugerah Sanjungan kategori Rencana Popular, "Matematik di Sebalik Tarian Zapin" oleh Persatuan Sains Matematik Malaysia (PERSAMA)	NATIONAL	2025
13.	Anugerah Sanjungan kategori Buku Karya Asli, "GeoGebra dan Integrasinya dalam Strategi Pembelajaran Matematik" oleh Persatuan Sains Matematik Malaysia (PERSAMA)	NATIONAL	2025
14.	Anugerah Utama kategori Rencana Popular, "Teknologi Pendidikan Matematik: Memugar Minat atau Merencat Bakat?" oleh Persatuan Sains Matematik Malaysia (PERSAMA)	NATIONAL	2024

15.	Judul Paling Laris, Anugerah Bintang Kota Buku, Perbadanan Kota Buku	NATIONAL	2023
16.	Anugerah Sanjungan kategori Rencana Popular, "Merangsang Kemahiran Matematik Bayi" oleh Persatuan Sains Matematik Malaysia (PERSAMA)	NATIONAL	2023
17.	Anugerah Tokoh Harapan Akademik Bahasa Melayu 2022, Kementerian Pendidikan Tinggi (KPT) Malaysia.	NATIONAL	2022
18.	Kertas Seminar Terbaik di Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam Malaysia 2016, "Keberkesanan Kaedah Blok Pemikiran Dalam Pembelajaran Pecahan untuk Meningkatkan Kemahiran Berfikir Aras Tinggi (KBAT)"	NATIONAL	2016
19.	Pingat Emas di Ekspo Penyelidikan dan Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA) 2015, "Enhancing Students' Higher Order Thinking Skills through MyGSP"	NATIONAL	2015
20.	Pingat Gangsa di Innovative Practices in Higher Education Expo 2015 (I-PHEX 2015)	NATIONAL	2015
21.	Pingat Emas National University Carnival on e-Learning (NUCEL) 2015 "My Reflection Mobile Apps"	NATIONAL	2015
22.	Pingat Perak National University Carnival on e-Learning (NUCEL) 2015 "The Beauty of I-Bonding"	NATIONAL	2015
23.	Pingat Emas di Innovative Practices in Higher Education Expo 2014 (I-PHEX 2014), "I-Think Application for Pre-Service and In-Service Teachers"	NATIONAL	2014
24.	Pingat Emas di Innovative Practices in Higher Education Expo 2014 (I-PHEX 2014), "Model Refleksi"	NATIONAL	2014
25.	Pingat Emas di Innovative Practices in Higher Education Expo 2014 (I-PHEX 2014), "Service Learning"	NATIONAL	2014
26.	Pingat Gangsa di Malaysia Technology Expo 2010 (MTE 2010), "GeoVan: An Online Bilingual Geometry Self Study System by Using van Hiele Approach."	NATIONAL	2010
27.	Anugerah Tokoh Penerbitan (Kategori Sains Sosial), Citra Karisma UTM 2025	UNIVERSITY	2025
28.	Anugerah Penulis Dalam Jurnal Berindeks (Kategori Fakulti), Citra Karisma 2025	UNIVERSITY	2025
29.	Anugerah Expert Scholars' UTM 2025 (Academic)	UNIVERSITY	2025
30.	Anugerah Penjenamaan Kategori Staf Akademik (Individu), Citra Karisma UTM 2024	UNIVERSITY	2024
31.	Anugerah Penerbitan Anugerah Penulis Dalam Jurnal Berindeks (Fakulti), Citra Karisma UTM 2024	UNIVERSITY	2024
32.	Active Blended Learning SHPM2312 -01-Kaedah Pengajaran Dalam Matematik Sem 1 Sesi 2024-2025	UNIVERSITY	2024
33.	Active Blended Learning MHPM1123 – 01-Rekabentuk dan Pelaksanaan Kurikulum Matematik Sem 1 Sesi 2024-2025	UNIVERSITY	2024
34.	Active Blended Learning SHPA2001- 09-Pengajaran Mikro Sem 1 Sesi 2023-2024	UNIVERSITY	2024
35.	Active Blended Learning SHPM2312 -01-Kaedah Pengajaran Dalam Matematik Sem 1 Sesi 2023-2024	UNIVERSITY	2024
36.	Active Blended Learning SHPN1022-01-Pembelajaran Sains dan Matematik Sem I Sesi 2023-2024	UNIVERSITY	2024

37.	Active Blended Learning SHPN1022-02-Pembelajaran Sains dan Matematik Sem I Sesi 2023-2024	UNIVERSITY	2024
38.	Active Blended Learning MHPM1123 – 01-Rekabentuk dan Pelaksanaan Kurikulum Matematik Sem 1 Sesi 2022-2023	UNIVERSITY	2023
39.	Active Blended Learning MHPM1123 – 01-Rekabentuk dan Pelaksanaan Kurikulum Matematik Sem 2 Sesi 2022-2023	UNIVERSITY	2023
40.	Active Blended Learning SHPM2312 -01-Kaedah Pengajaran Dalam Matematik Sem 1 Sesi 2022-2023	UNIVERSITY	2023
41.	Anugerah Penulis Dalam Jurnal Berindeks Fakulti 2022 Citra Karisma 2023	UNIVERSITY	2023
42.	Active Blended Learning MHPM1133 – 01-Pentaksiran Dalam Pendidikan Matematik Sem 1 Sesi 2021-2022	UNIVERSITY	2022
43.	Active Blended Learning SHPM2312 -01-Kaedah Pengajaran Dalam Matematik Sem 1 Sesi 2021-2022	UNIVERSITY	2022
44.	Anugerah Penulis Dalam Jurnal Berindeks Fakulti 2021 Citra Karisma 2022	UNIVERSITY	2022
45.	Pemenang Anugerah Webometrics Kategori Individu 2021 Karisma 2022	UNIVERSITY	2022
46.	Pingat Gangsa NALI 2022 Exhibition and Competition Aplikasi Shapify It! Membantu Proses Visualisasi Dalam Topik Bentuk	UNIVERSITY	2022
47.	Active Blended Learning MPPM1223 -01-Pentaksiran Dalam Pendidikan Matematik Sem 2 Sesi 2020-2021	UNIVERSITY	2021
48.	Anugerah Penulis Dalam Jurnal Berindeks Fakulti 2020 Citra Karisma 2021	UNIVERSITY	2021
49.	Anugerah Perkhidmatan Cemerlang 2021	UNIVERSITY	2021
50.	Active Blended Learning MPPM1223 -01-Pentaksiran Dalam Pendidikan Matematik Sem 1 Sesi 2018-2019	UNIVERSITY	2019
51.	Active Blended Learning MPPM1323 – 01 – Penyelesaian Masalah Dalam Pendidikan Matematik Sem 1 Sesi 2018-2019	UNIVERSITY	2019
52.	Pemenang Anugerah Webometrics Kategori Individu 2018 Citra Karisma 2019	UNIVERSITY	2019
53.	Pingat Emas NALI 2019 Exhibition and Competition "Keberkesanan Aplikasi X-Bar Dalam Penyelesaian Masalah Matematik Berayat Murid Tahun Lima"	UNIVERSITY	2019
54.	Pingat Gangsa NALI 2019 Exhibition and Competition "Enhancing Problem Solving Through Critical Thinking Learning Strategies"	UNIVERSITY	2019
55.	Active Blended Learning MPPM1323 – 01 – Penyelesaian Masalah Dalam Pendidikan Matematik Sem 2 Sesi 2016-2017	UNIVERSITY	2017
56.	Anugerah Perkhidmatan Cemerlang 2015	UNIVERSITY	2015
57.	Active Blended Learning MPS1843 – 01 – Komputer Dalam Pendidikan Matematik Sem 1 Sesi 2013-2014	UNIVERSITY	2014
58.	Pingat Gangsa Industrial Art & Technology Exhibition (INATEX) 2014 "Enhancing Students' Higher Order Thinking Skills (HOTS) through MyGSP"	UNIVERSITY	2014
59.	Anugerah Perkhidmatan Cemerlang 2009	UNIVERSITY	2009
60.	Pingat Perak Industrial Art & Technology Exhibition (INATEX) 2009 "GeoVan: An Online Bilingual	UNIVERSITY	2009

	Geometry Self Study System by Using van Hiele Approach"		
61.	Anugerah Penerbitan Buku, Majlis Gemala Citra 2025, Fakulti Sains Pendidikan dan Teknologi, UTM	FACULTY	2025
62.	Anugerah Penerbitan Jurnal Berindeks, Majlis Gemala Citra 2025, Fakulti Sains Pendidikan dan Teknologi, UTM	FACULTY	2025
63.	Anugerah Penyelidikan, Majlis Gemala Citra 2025, Fakulti Sains Pendidikan dan Teknologi, UTM	FACULTY	2025
64.	Anugerah Literasi Media, Majlis Gemala Citra 2025, Fakulti Sains Pendidikan dan Teknologi, UTM	FACULTY	2025
65.	Anugerah Perkhidmatan Cemerlang, Majlis Gemala Citra 2025, Fakulti Sains Pendidikan dan Teknologi, UTM	FACULTY	2025
66.	Anugerah Perkhidmatan Cemerlang kategori Terbilang, Majlis Apresiasi 2024 Fakulti Sains Sosial dan Kemanusiaan	FACULTY	2024
67.	Anugerah Penghargaan Penyelaras Program Akademik, Majlis Apresiasi 2024 Fakulti Sains Sosial dan Kemanusiaan	FACULTY	2024
68.	Pemenang Anugerah Penyelidikan Majlis Apresiasi 2024 Fakulti Sains Sosial dan Kemanusiaan	FACULTY	2024
69.	Pemenang Anugerah Penulisan Jurnal Berindeks Majlis Apresiasi 2024 Fakulti Sains Sosial dan Kemanusiaan	FACULTY	2024
70.	Pemenang Anugerah Penerbitan Buku. Kategori Khas: Buku Suntingan, Majlis Apresiasi 2024 Fakulti Sains Sosial dan Kemanusiaan	FACULTY	2024
71.	Finalis Tokoh Penerbitan (Anugerah Khas) Majlis Apresiasi 2024 Fakulti Sains Sosial dan Kemanusiaan	FACULTY	2024
72.	7 Oktober 2021 – Pemenang Anugerah Penulis Prolifik, Fakulti Sains Sosial dan Kemanusiaan, Universiti Teknologi Malaysia	FACULTY	2021
73.	7 Oktober 2021 – Penerima Top 20 Anugerah Penyelidik Bersitasi Tinggi, Fakulti Sains Sosial dan Kemanusiaan, Universiti Teknologi Malaysia	FACULTY	2021
74.	1 Julai 2019 – Pemenang Anugerah Penerbitan. Sempena Majlis Anugerah Fakulti Sains Sosial dan Kemanusiaan (FSSH) UTM 2019	FACULTY	2019
75.	1 Julai 2019 – Penerima Anugerah Perkhidmatan Cemerlang. Sempena Majlis Anugerah Fakulti Sains Sosial dan Kemanusiaan (FSSH) UTM 2019	FACULTY	2019

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ ORGANISATION
1	Tutor di Jabatan Pendidikan Sains dan Matematik, Fakulti Pendidikan, Universiti Teknologi Malaysia	2006	2008	Fakulti Pendidikan, Universiti Teknologi Malaysia

2	Pembantu Felo Kolej Tun Ghafar Baba, Universiti Teknologi Malaysia	2007	2009	Kolej Tun Ghafar Baba, Universiti Teknologi Malaysia
3	Pensyarah di Jabatan Pendidikan Sains, Matematik dan Multimedia Kreatif, Fakulti Pendidikan, Universiti Teknologi Malaysia	2008	2013	Fakulti Pendidikan, Universiti Teknologi Malaysia
4	Pensyarah Kanan di Jabatan Pendidikan Sains, Matematik dan Multimedia Kreatif, Fakulti Pendidikan, Universiti Teknologi Malaysia	2013	2019	Fakulti Pendidikan, Universiti Teknologi Malaysia
5	Pengurus Akademik (Penyelidikan) Fakulti Pendidikan, Universiti Teknologi Malaysia	2015	2016	Fakulti Pendidikan, Universiti Teknologi Malaysia
6	Pengurus (Penyelidikan) Fakulti Pendidikan, Universiti Teknologi Malaysia	2016	2018	Fakulti Pendidikan, Universiti Teknologi Malaysia
7	Profesor Madya, Sekolah Pendidikan, Fakulti Sains Sosial dan Kemanusiaan, Universiti Teknologi Malaysia	2019	Kini	Sekolah Pendidikan, Fakulti Sains Sosial dan Kemanusiaan, Universiti Teknologi Malaysia
8	Timbalan Pengarah (Strategik & Universiti Penyelidikan), Pusat Pengurusan Penyelidikan, Universiti Teknologi Malaysia	2019	2022	Pusat Pengurusan Penyelidikan, Universiti Teknologi Malaysia
9	Menjalankan Tugas Pengarah (Pendidikan Sains, Matematik dan Multimedia Kreatif), Sekolah Pendidikan, Universiti Teknologi Malaysia	April 2023	September 2023	Sekolah Pendidikan, Fakulti Sains Sosial dan Kemanusiaan, Universiti Teknologi Malaysia
10	Penyelaras Program Sarjana Pendidikan (Matematik) ODL, Fakulti Sains Pendidikan dan Teknologi, Universiti Teknologi Malaysia	2023	Kini	Sekolah Pendidikan, Fakulti Sains Sosial dan Kemanusiaan, Universiti Teknologi Malaysia

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

Summary	
International Professional Membership / Qualifications / Recognition	4
National Professional Membership / Qualifications / Recognition	9

NO	NAME OF PROFESSIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1.	International Group for the Psychology of Mathematics Education (PME)	INTERNATIONAL	Ahli	2017
2.	Institute of Electrical and Electronics Engineers (IEEE)	INTERNATIONAL	Ahli	2017

3.	World Academy of Science, Engineering and Technology	INTERNATIONAL	Ahli	2017
4.	National Council of Teachers of Mathematics (NCTM)	INTERNATIONAL	Ahli	2015
5.	Akademi Profesor Malaysia (Akademi Profesor)	NATIONAL	Ahli Bersekutu	16/08/2024 – present
6.	Persatuan Sains Matematik Malaysia (PERSAMA)	NATIONAL	Ahli	5/05/2023 – lifetime
7.	Majlis Professor Negara (MPN)	NATIONAL	Ahli	26/08/ 2022 – present
8.	Young Scientists Network – Academy of Sciences Malaysia (YSN-ASM)	NATIONAL	Affiliate	17/12/2022 – 31/12/2023
9.	Persatuan Saintis Muslim Malaysia (PERINTIS)	NATIONAL	Ahli	31/05/ 2021 – lifetime
10.	Persatuan Pendidikan Sains dan Matematik Johor (PPSMJ)	NATIONAL	Ahli Jawatankuasa	12/7/2018 – present
11.	Persatuan Pendidikan Sains dan Matematik Johor (PPSMJ)	NATIONAL	Bendahari	01/01/2016 – 31/12/2016
12.	Persatuan Pendidikan Sains dan Matematik Johor (PPSMJ)	NATIONAL	Penolong Setiausaha	1/1/2013 – 31/12-2015
13.	Persatuan Kakitangan Akademik	UTM	Ahli	present
14.	Badan Kebajikan Staf UTM (BAKES)	UTM	Ahli	present

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ FACULTY/ DIVISION
1	Pengurus Akademik (Penyelidikan) ***Lantikan universiti**	15/02/2015	15/02/2016	FACULTY
2	Pengurus (Penyelidikan) ***Lantikan universiti**	01/08/2016	01/07/2018	FACULTY
3	Timbalan Pengarah (Strategik & Universiti Penyelidikan) Pusat Pengurusan Penyelidikan (RMC) ***Lantikan universiti**	01/10/2019	01/10/2022	RESEARCH MANAGEMENT CENTRE (RMC)
4	Menjalankan Tugas Pengarah (Pendidikan Sains, Matematik dan Multimedia Kreatif), Sekolah Pendidikan ***Lantikan universiti**	15/04/2023	01/10/2023	FACULTY
5	Penyelaras Program *Open and Distance Learning* (ODL) – Master of Education (Mathematics)	01/01/2023	Present	FACULTY

CONSULTATION WORKS

Summary	
Consultation Project-UTM	3 projects (RM 34,880.00)
Consultation Project- Others	-

No.	Year	Title	Value	Vot
1.	2024	Instrumen Soal Selidik: Kaedah Pengajaran Penyelesaian Masalah	RM4,400.00	UTM Technology and Innovation Management Sdn. Bhd.
2.	2023	International Innovation Competition Education 2023 (IICE23)	RM480.00	UTM Technology and Innovation Management Sdn. Bhd.
3.	2017	Preschool Learning Programmes for Universal Use – for ages 3+, 4+, 5+	RM30,000	Uni-Technologies Sdn. Bhd. (UTSB)

INTERNATIONAL/NATIONAL/UNIVERSITY COMMITTEE

Summary	
International	14
National	6
University	26
Faculty	23
Community	3

International

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Jurnal Karya Abdi Masyarakat (JKAM). Universitas Jambi	Editorial Board	01/03/2025	Present
2.	UNION: Jurnal Ilmiah Pendidikan Matematika, Universitas Sarjanawiyata Tamansiswa, Yogyakarta.	Editorial Board	01/12/2023	31/12/2023
3.	Jurnal Elemen. Universitas Hamzanwadi	Editorial Board	1/1/2022	Present
4.	Jurnal Kajian Pembelajaran Matematika. Universitas Negeri Malang	International Editorial Board	1/1/2022	Present
5.	Journal of Research and Advances in Mathematics Education. Universitas Muhammadiyah Surakarta	International Editorial Board	1/1/2022	Present
6.	Kognitif: Jurnal Riset HOTS Pendidikan Matematika. Universitas Cokroaminoto Palopo, South Sulawesi, Indonesia	International Editorial Board	1/1/2022	Present
7.	Journal of Research and Advances in Mathematics Education.	Editor	1/1/2022	Present
8.	International Electronic Journal of Mathematics Education (IEJME). ISSN: 1306-3030, e-ISSN: 1306-3030 (Indexed in WoS and Scopus)	Editor	1/1/2019	Present
9.	Prosiding Education Research Colloquium between Faculty of Education, Universiti Teknologi Malaysia (UTM) & Universitas Negeri Makassar (UNM), Indonesia.	Chief Editor	1/1/2018	31/12/2018
10.	Prosiding International Innovation Competition In Education (IICE) 2023	Chief Editor	1/1/2018	31/12/2018

11.	Phu Yen University International Conference 2017	Director	10/04/2017	10/04/2017
12.	Proceedings of Third International Education Postgraduate Seminar 2016. ISBN 978-967-0194-86-8	Chief Editor	1/1/2016	31/12/2016
13.	Proceedings of The International Conference on Education and Higher Order Thinking Skills (ICE-HOTS) 2016. ISBN: 978-967-0194-72-1	Chief Editor	1/1/2016	31/12/2016
14.	International Conference on Education and Higher Order Thinking Skills 2016	Director	27/04/2015	13/04/2016

National

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Task Force Malaysia Research Assessment (MyRA®) Tahun 2026-2028	Ahli	1/1/2026	31/12/2028
2.	Jawatankuasa Saintifik Bagi Seminar Pembentukan Dasar Sains Matematik Negara 2025	Ahli Jawatankuasa	25/11/2025	26/11/2025
3.	Journal of Quality Measurement And Analysis (JQMA) Universiti Kebangsaan Malaysia- Indexed in Scopus and Web of Science (WOS).	Editorial Board	15/11/2023	Present
4.	Pertanika Journal of Social Sciences & Humanities. Universiti Putra Malaysia- Indexed in Scopus and Web of Science (WOS).	Editorial Board	15/9/2022	14/9/2024
5.	Prosiding Kajian Tindakan Dalam Pendidikan STEM (Sains, Teknologi, Kejuruteraan dan Matematik). ISBN 978-967-2171-03-4	Editor	1/1/2017	31/12/2017
6.	Jurnal Penyelidikan Pensyarah IPGK Zon Timur 2015	Editor Bersekutu	15/10/2015	31/12/2015

University

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Jawatankuasa Pelaksana Pelan Memartabatkan Bahasa Melayu Sebagai Bahasa Ilmu di IPTA peringkat Universiti Teknologi Malaysia	Member	1/06/2025	31/12/2026
2.	Panel Buku Karya Asli Dan Ahli Panel Buku Terbitan Khas	Timbalan Pengerusi	9/04/2026	31/12/2028
3.	Panel Anugerah Buku Karya Asli Citra Karisma 2026	Pengerusi	13/04/2026	31/12/2026
4.	Jawatankuasa Pelan Tindakan Memartabatkan Bahasa Melayu Sebagai Bahasa Ilmu di IPTA peringkat Universiti Teknologi Malaysia	Member	10/09/2024	09/09/2025
5.	Panel Penilai Teknikal Penilaian Proposal UTMFR 2024/1	Member	01/04/2024	31/05/2024
6.	Panel Penilai Teknikal Penilaian Proposal UTMFR 2023/1	Member	01/04/2023	31/05/2023
7.	Jawatankuasa Penilaian Teknikal Sebut Harga RMC	Chair	01/02/2022	30/09/2022

8.	Ahli Jawatankuasa Pengurusan Geran Penyelidikan (JKPGP)	Member	01/01/2022	30/09/2022
9.	Panel Penilai Proposal Bagi Fundamental Research Grant Scheme (FRGS) 2022	Member	01/02/2022	31/03/2022
10.	Panel Penilai Teknikal Penilaian Proposal UTMFR 2022/1	Member	01/05/2022	15/05/2022
11.	Jawatankuasa Pemantauan UTM Research & Innovation Blueprint 2025	Member	01/04/2021	31/03/2023
12.	Task Force Inisiatif Pemotongan Cukai Dua Kali (Double Tax Deduction)	Chair	01/01/2021	31/12/2021
13.	Panel Penilai Proposal Bagi Fundamental Research Grant Scheme (FRGS) 2021	Member	01/03/2021	31/03/2021
14.	Panel Penilai Teknikal Penilaian Proposal UTMER 2021/1	Member	01/08/2021	30/09/2021
15.	Jawatankuasa Penilaian Teknikal Sebut Harga RMC	Chair	01/01/2020	31/01/2022
16.	Setiausaha AJK Induk Persediaan Audit RU	Secretary	03/02/2020	02/02/2021
17.	Panel Penilai Proposal Bagi Fundamental Research Grant Scheme (FRGS) 2020	Member	01/02/2020	29/02/2020
18.	Ahli Panel Buku Universiti – Wakil pengganti	Member	30/12/2020	29/12/2022
19.	Ahli Panel Buku Karya Suntingan Universiti	Member	30/12/2020	29/12/2022
20.	Jawatankuasa Kerja Penilaian Prestasi Staf Akademik (eLPPT)	Member	01/10/2019	30/09/2021
21.	Jawatankuasa Dana Pengurusan Universiti Penyelidikan	Member	01/08/2019	31/07/2021
22.	Ahli Panel Buku Universiti	Member	23/9/2018	22/9/2020
23.	Penilai Teknikal Penilaian Proposal GUP TIER 1 2017/1	Member	01/04/2017	30/04/2017
24.	Penilai Teknikal Penilaian Proposal GUP TIER 1 2018/1	Member	08/11/2017	08/11/2017
25.	Ahli Panel Buku Universiti	Member	13/3/2017	12/3/2019
26.	Penilai Teknikal Penilaian Proposal GUP TIER 1 2016/1	Member	01/06/2016	30/06/2016

Faculty

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Jawatankuasa Akademik Fakulti Fakulti Sains Pendidikan Dan Teknologi	Member	1/1/2026	31/12/2026
2.	Jawatankuasa Penyelidikan, Penerbitan & Inovasi (MJPPI), Fakulti Sains Pendidikan Dan Teknologi	Member	1/1/2026	31/12/2026
3.	Jawatankuasa MYRA Fakulti Sains Pendidikan Dan Teknologi	Co-Chair	1/1/2026	31/12/2026
4.	Jawatankuasa Pengajian Pascasiswazah Fakulti Sains Pendidikan Dan Teknologi	Member	1/1/2026	31/12/2026
5.	Jawatankuasa Penilai Pemfailan Harta Intelek	Member	1/1/2026	31/12/2026

6.	Jawatankuasa Ranking Fakulti Sains Pendidikan Dan Teknologi	Chair	1/7/2025	30/6/2026
7.	Ahli Jawatankuasa Alumni Fakulti Sains Pendidikan Dan Teknologi	Member	1/1/2025	31/12/2025
8.	Jawatankuasa Akademik Fakulti Fakulti Sains Pendidikan Dan Teknologi	Member	1/1/2025	31/12/2025
9.	Jawatankuasa Pengajian Pascasiswazah Fakulti Sains Pendidikan Dan Teknologi	Member	1/1/2025	31/12/2025
10.	Jawatankuasa Penyelidikan, Penerbitan & Inovasi (MJPPI), Fakulti Sains Pendidikan Dan Teknologi	Member	1/1/2025	31/12/2025
11.	Jawatankuasa MYRA Fakulti Sains Pendidikan Dan Teknologi	Co-Chair	1/1/2025	31/12/2025
12.	Jawatankuasa Penerbitan Fakulti Sains Sosial dan Kemanusiaan 2024	Member	1/1/2024	31/12/2024
13.	Jawatankuasa Penerbitan Fakulti Sains Sosial dan Kemanusiaan 2023	Member	1/1/2023	31/12/2023
14.	Pengarah 'Writing in Publication Bootcamp for High Impact Journals' peringkat FSSK	Chair	19/11/2023	31/12/2023
15.	Ketua Penyelaras Jawatankuasa Penyelidikan dan Penerbitan Fakulti Sains Sosial dan Kemanusiaan (FSSK)	Chair	26/9/2018	30/6/2021
16.	Ketua Penyelaras Jawatankuasa Penyelidikan dan Penerbitan Sekolah Pendidikan	Chair	1/7/2018	30/6/2020
17.	Jawatankuasa Penerbitan Research Group Science and Mathematics Education	Member	26/2/2017	31/12/2017
18.	Jawatankuasa Penerbitan Fakulti Pendidikan	Member	¼/2014	31/3/2016
19.	Prosiding Isu-isu Pendidikan Kontemporari Sem 1 2017/2018	Editor-in-Chief	Sem 1 2017/2018	Sem 1 2017/2018
20.	Prosiding Isu-isu Pendidikan Kontemporari Sem 2 2017/2018	Editor-in-Chief	Sem 2 2017/2018	Sem 2 2017/2018
21.	Prosiding Isu-isu Pendidikan Kontemporari Sem 2 2016/2017	Editor-in-Chief	Sem 2 2016/2017	Sem 2 2016/2017
22.	Prosiding Isu-isu Pendidikan Kontemporari Sem 1 2016/2017	Editor-in-Chief	Sem 1 2016/2017	Sem 1 2016/2017
23.	Prosiding Isu-isu Pendidikan Kontemporari Sem 2 2015/2016	Editor-in-Chief	Sem 2 2015/2016	Sem 2 2015/2016

Community

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Jawatankuasa Keselamatan Dan Kesihatan Pekerjaan (JKPP) Blok F54	Timbalan Pengerusi	12/03/2020	11/03/2022
2.	Jawatankuasa Kebajikan & Kelab Keluarga Sekolah Pendidikan	Timbalan Pengerusi	3/09/2018	31/08/2020

3.	Jawatankuasa Kelab Kebajikan Staf Fakulti Pendidikan, UTM Johor Bahru	Ketua Biro Pembangunan Sosial dan Pendidikan	1/01/2014	31/12/2015

SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
1.	Forum Pendidikan Negara Bersempena Majlis Peluncuran Rancangan Pendidikan Negara 2026-2035	Universiti Teknologi Malaysia (UTM)	27/01/2026	27/01/2026
2.	Bengkel Pelan Tindakan Strategik Fakulti Sains Pendidikan dan Teknologi	The Pines, Melaka	6/02/2026	8/02/2026
3.	Majlis Perutusan Tahun Baharu Naib Canselor 2026	Universiti Teknologi Malaysia (UTM)	26/01/2026	26/01/2026
4.	Bengkel WoS Writing: From Critical Draft To Journal Publication	Faculty of Educational Sciences and Technology	5/03/2026	6/03/2026
5.	CME Talk: Perancang Keluarga	Universiti Teknologi Malaysia (UTM)	7/01/2026	7/01/2026
6.	Webinar Isu-isu Syariah Dalam Perniagaan	Universiti Teknologi Malaysia (UTM)	12/03/2025	12/03/2025
7.	Webinar How To Do Product Pitching	Universiti Teknologi Malaysia (UTM)	17/02/2025	17/02/2025
8.	Webinar Fundamental of Business Model Canvas	Universiti Teknologi Malaysia (UTM)	14/01/2025	14/01/2025
9.	The Silent Killer	Universiti Teknologi Malaysia (UTM)	12/03/2025	12/03/2025
10.	Menguasai Model AI dengan Deepseek	Universiti Teknologi Malaysia (UTM)	10/03/2025	10/03/2025
11.	Delivery Teaching & Learning For ODL	Universiti Teknologi Malaysia (UTM)	12/08/2024	12/08/2024
12.	Kursus Alternative Assessment For ODL	Universiti Teknologi Malaysia (UTM)	15/08/2024	15/08/2024
13.	Designing ODL Programs Course	Universiti Teknologi Malaysia (UTM)	14/05/2024	14/05/2024
14.	Webinar Program Relaksasi Terapi Diri (REST) 2024 Siri 1 : Jom Relaks Dengan Teknik Music And Art Therapy	Universiti Teknologi Malaysia (UTM)	04/02/2024	04/02/2024
15.	How To Do Product Pitching	Universiti Teknologi Malaysia (UTM)	28 Jan 2024	28 Jan 2024
16.	Fundemental Of Business Model Canvas	Universiti Teknologi Malaysia (UTM)	21/02/2024	21/02/2024
17.	Kursus Pembangunan SIM ODL (Open And Distance Learning)	Universiti Teknologi Malaysia (UTM)	25/04/2024	25/04/2024

18.	Kursus Pemurniaan Pembangunan Self-Instructional Material (SIM) Bagi Pelaksanaan Sarjana Pendidikan Pembelajaran Terbuka Dan Jarak Jauh (ODL) 2024	Port Dickson, Negeri Sembilan	16/05/2024	18/05/2024
19.	Kursus The AI Teaching Assistant	Universiti Teknologi Malaysia (UTM)	04/04/2024	04/04/2024
20.	K-Sharing Jurang Dalam Pendidikan Awal: Dari Perspektif Malaysia Dan Indonesia	Universiti Teknologi Malaysia (UTM)	22/01/2024	22/01/2024
21.	Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam 2023	Faculty of Education, Universiti Malaya	27/07/2023	28/07/2023
22.	Bengkel Unjuran Pengambilan Guru Kementerian Pendidikan Malaysia (KPM)	Sungai Petani, Kedah	8/08/2023	10/08/2023
23.	Bengkel Pemurnian Artikel Jurnal Berimpak Tinggi FSSK 2023	*ibis Styles* Johor Iskandar Puteri	28/11/2023	29/11/2023
24.	Bengkel Pemantapan Penasihatan Akademik Pra Siswazah FSSH Siri 1 FSSH	Pulai Spring Resort, Johor Bahru	05/09/2023	05/09/2023
25.	Bengkel Pemerkasaan Latihan Mengajar 2023	Desaru, Johor	24/08/2023	26/08/2023
26.	Bengkel Semakan Program Pra Siswazah FSSH	Melaka	6/07/2023	8/07/2023
27.	Pra Bengkel Semakan Kurikulum Program Pra Siswazah Fakulti Sains Sosial & Kemanusiaan	Universiti Teknologi Malaysia (UTM)	14/05/2023	14/05/2023
28.	114th Professorial Inaugural Lecture Series : An Analysis of The Best Online Teaching Strategies for Computer Aided Engineering Drawing – A Review by Professor Dr. Muhammad Sukri bin Saud	Dewan Senat, Universiti Teknologi Malaysia (UTM)	11/05/2023	11/05/2023
29.	Bengkel Pelan Strategik FSSH 2023	Thistle Port Dickson Resort, Negeri Sembilan	26/01/2023	28/01/2023
30.	Webinar : On Patent Awareness-Patent For Social Science And Science & Technology	Universiti Teknologi Malaysia (UTM)	27/02/2023	27/02/2023
31.	Webinar : Product Marketing & Branding	Universiti Teknologi Malaysia (UTM)	08/02/2023	08/02/2023
32.	115th Professorial Inaugural Lecture Series: Kerangka Penerapan Kesedaran dan Pendidikan Rendah Karbon di Sekolah dan Komuniti by Professor Dr. Fatin Aliah Phang Abdullah	Dewan Senat, Universiti Teknologi Malaysia (UTM)	13/07/2023	13/07/2023

33.	Roadshow Pelaksanaan Pembelajaran Teradun Gantian Di UTM	Universiti Teknologi Malaysia (UTM)	16/07/2023	16/07/2023
34.	Bengkel Pelan Strategik FSSH 2022	Amerald Resort Hotel, Pengerang	28/01/2022	29/01/2022
35.	Bengkel Pelan Strategik FSSH 2020	Hatten Hotel, Melaka	31/01/2020	1/02/2020
36.	94th Professorial Inaugural Lecture Series: Learning Theory: The Influence of Technology by Professor Dr. Zaidatun Tasir	Dewan Senat, Universiti Teknologi Malaysia (UTM)	16/08/2018	16/08/2018
37.	Kem Spirit of Togetherness dan Santai Akademik 2018	Teluk Gorek, Mersing	18/09/2018	20/09/2018
38	Bengkel Semakan Strategik Sasaran UTM 2018	Residensi UTM Kuala Lumpur	11/10/2018	13/10/2018
39.	Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam 2016	TH Hotel, Pulau Pinang	13/11/2016	15/11/2016
40.	Bengkel Pembinaan Item Kemahiran Berfikir Aras Tinggi (KBAT)	Fakulti Pendidikan, Universiti Kebangsaan Malaysia (UKM)	30/09/2016	30/09/2016
41.	Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam 2015	Universiti Tun Hussein Onn Malaysia (UTHM)	14/09/2015	15/09/2015
42.	Bengkel Pengenalan Dan Penghasilan Dokumen Blossoms	CTL, UTM	10/02/2015	11/02/2015
43.	Bengkel Penghasilan Dokumen dan Pemurnian Dokumen MIT Blossoms	Pearl International Hotel, Kuala Lumpur	9/09/2014	11/09/2014
44.	Bengkel Analisis Multilevel Data PISA 2012 Bil.2 2014	Bahagian Perancangan dan Penyelidikan, KPM Putrajaya	15/05/2014	16/05/2014
45.	Kem Spirit of Togetherness dan Santai Akademik 2014	Teluk Gorek, Mersing	4/05/2014	6/05/2014

RESEARCH ACTIVITIES

Summary	
Principal Investigator- International Grants	**2 projects (RM25,100.00)**
Principal Investigator- National Grants	**5 projects (RM342,440.000)**
Principal Investigator- UTM Grants	**8 projects (RM308,350.00)**
Member- International Grants	**0 projects**
Member- National Grants	**18 projects (RM1,212,930.00)**
Member- UTM Grants	**32 projects (RM890,160.00)**

As a principal investigator

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	Etnomatematik dalam Seni Bina Islam: Meneroka Warisan Geometri Masjid Malaysia untuk Pelancongan Budaya	Principal Investigator	Others	National	RM28,000.00	05/06/2026	07/12/2026	R.J130000.7334.1R125
2.	Kit Pembelajaran Etnomatematik Melalui Model Pembelajaran 5E untuk Murid Orang Asli Sekolah Rendah (Prototype Development Research Grant Scheme [PRGS])	Principal Investigator	Others	National	RM110, 240.00	01/08/2024	31/07/2026	R.J130000.7853.5L008
3.	Kerangka Kurikulum Matematik Berasaskan STEM Dari Perspektif Sosio Budaya Murid Orang Asli Sekolah Rendah Di Malaysia	Principal Investigator	Others	National	RM116, 000.00	01/09/2022	31/08/2025	R.J130000.7813.5F518

	(Fundamental Research Grant Scheme [FRGS])							
4.	Model Pengajaran Untuk Penjanaan Kemahiran Berfikir Aras Tinggi (KBAT) Bagi Tiga Komponen Utama Kurikulum Matematik Sekolah (Fundamental Research Grant Scheme [FRGS])	Principal Investigator	Others	National	RM68, 200.00	01/07/2014	30/06/2016	R.J130000.7831.4F426
5.	Iskandar Puteri Kesayanganku	Principal Investigator	Others	National	RM20, 000.00	11/07/2024	31/01/2025	R.J130000.6853.4J694
6.	MG2 – 27.0 : Internalizing Johor Cultures Through Mathematics	Principal Investigator	Others	International	RM20, 000.00	15/07/2023	14/07/2025	R.J130000.7653.1U003
7.	Analysis Of Pre-Service Teachers' Ability To Identify Content And Context In Mathematics Word Problems	Principal Investigator	Others	International	RM5, 100.00	01/05/2023	30/04/2024	R.J130000.7353.4B842
8.	Kerangka Pembelajaran Geometri Berasaskan Pengalaman Dalam Konteks STEM untuk Meningkatkan Kreativiti Geometri Murid Sekolah Rendah	Principal Investigator	UTM	UTM Fundamental Research	RM100, 000.00	01/06/2022	31/05/2025	Q.J130000.3813.21H85
9.	Pembangunan MYGSP: Sumber Atas Talian Bahan Pengajaran Matematik Berbantukan Perisian Geometer's Sketchpad (GSP)	Principal Investigator	UTM	Potential Academic Staff (PAS)	RM20, 000.00	01/10/2013	30/09/2014	Q.J130000.2731.00K58
10.	The Patterns and Behaviours Of Mathematical Higher Order Thinking Skills (HOTS)	Principal Investigator	UTM	Encouragement Grant	RM20, 000.00	01/05/2015	31/07/2016	Q.J130000.2631.10J70

	Problem Solving Among Secondary School Students							
11.	Kemahiran Metakognitif Pelajar Dalam Penyelesaian Masalah Matematik Aras Tinggi	Principal Investigator	UTM	Tier 1	RM43,350.00	01/07/2016	30/06/2017	Q.J130000.2531.13H32
12.	Non-Routine Mathematical Problem Solving for Students Across Multiple Intelligence: A Framework to Support 21st Century Learning	Principal Investigator	UTM	Tier 1	RM30, 000.00	01/02/2018	31/01/2019	Q.J130000.2531.19H09
13.	Tingkahlaku Metakognitif Pelajar Semasa Menyelesaikan Masalah Matematik Pentaksiran Tingkatan Tiga (PT3)	Principal Investigator	UTM	Tier 1	RM40, 000.00	01/07/2017	31/08/2018	Q.J130000.2531.16H62
14.	Kerangka Hubungan Pemikiran Komputasional dan Penyelesaian Masalah Matematik Bukan Rutin Dalam Pembelajaran Abad ke-21	Principal Investigator	UTM	Tier 2	RM15, 000.00	01/08/2019	31/01/2022	Q.J130000.2653.16J12
15.	Meningkatkan Kemahiran Berfikir Aras Tinggi (KBAT) dan Motivasi Pelajar Melalui Strategi Penaakulan Induktif Matematik Berbantukan GeoGebra	Principal Investigator	UTM	UTMShine	RM40, 000.00	01/03/2020	31/08/2022	Q.J130000.2413.09G34

As a scientific member

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM /OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	A framework for scenario-based learning in statistics and probability to ignite form four students' interest in STEM careers	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM100300	01/11/2020	30/04/2024	R.J130000.7853.5F414
2.	Model Pengajaran 4C Berintegrasikan Kaedah Pembelajaran Berasaskan Masalah dan Pendekatan Heutagogi (PBM-H) Bagi Mata Pelajaran Matematik	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM74750	01/10/2023	30/09/2025	R.J130000.7853.5F593
3.	Projek EDC 5: Kesan sosio-ekonomi dan kesedaran masyarakat terhadap sebatian pengganggu endokrin (EDC) di air sungai Malaysia	Co-Investigator	Institut Penyelidikan Hidraulik Kebangsaan Malaysia, Kementerian Sumber Asli Dan Alam Sekitar	National	RM158400	13/04/2021	12/04/2025	R.J130000.7609.4C501
4.	UTM SPACES: Pembangunan UTM SPACES Bagi Menyokong Keberkesanan Pembelajaran Berpusatkan Pelajar	Co-Investigator	UTM (UTM R&D Fund)	UTM	RM32000	16/10/2013	15/10/2015	R.J130000.7731.4J121
5.	Bengkel Berkala Pembangunan Modul Pengajaran STEM dan PAK 21	Co-Investigator	SMK Seri Pulai Perdana, Kementerian Pendidikan Malaysia (Networking Grant)	National	RM2000	01/01/2018	31/01/2019	S.J130000.7353.4X483

6.	Program Kem Kecemerlangan Akademik Dan Pemantapan Sahsiah Murid Sek Men Keb Seri Pulai Perdana	Co-Investigator	SMK Seri Pulai Perdana, Kementerian Pendidikan Malaysia (Networking Grant)	National	RM13000	01/06/2018	31/05/2019	S.J130000.7353.4X489
7.	KTP NMG 2019: Pemindahan Pengetahuan STEM Terhadap Guru Dan Murid Sek. Men. Keb. Seri Pulai Perdana Menerusi Modul Pengajaran I STEM	Co-Investigator	UTM (Business Entity)	UTM	RM5000	01/02/2019	31/07/2019	S.J130000.0853.4Y152
8.	KTP-NMG 2019: Autism in Education Development Program	Co-Investigator	UTM (Business Entity)	UTM	RM5000	01/02/2019	31/07/2019	S.J130000.0853.4Y167
9.	Development of Interactive Coloring Book Using Play Based Pedagogy Through Augmented Reality Technology (wARna) for Promoting Interest and Cognitive Development Among Children	Co-Investigator	Kementerian Pendidikan Tinggi (Prototype Development Research Grant Scheme)	National	RM92000	01/08/2019	31/10/2021	R.J130000.7853.4L699
10.	SGSHINE 1.3: Pro-Environmental Behaviour Change Framework Towards Dyes Effluent Treatment Using Adsorption Unit for Johor Batik SMEs.	Co-Investigator	UTM (UTMSHINE Signature Grant)	UTM	RM50000	01/04/2019	31/03/2022	Q.J130000.2453.07G81
11.	Exploring Teachers, Peers and Parents Behaviour and Speech which Intensify and Minimize Mathematics Anxiety Among Malaysian Students Through Photovoice Approach	Co-Investigator	UTM (Tier 2)	UTM	RM15000	01/08/2019	31/07/2022	Q.J130000.2653.17J01

12.	Framework For Supporting Secondary School Students' Metacognition in Mathematics Problem Solving with Augmented Reality	Co-Investigator	UTM (UTM Fundamental Research)	UTM	RM96500	01/01/2020	31/12/2023	Q.J130000.2553.20H89
13.	Perlaksanaan Amalan Refleksi Menerusi Kajian Tindakan Dalam Kalangan Guru	Co-Investigator	GUP GRANT, UTM (Networking Grant)	UTM	RM2660	02/05/2017	22/12/2017	S.J130000.7731.4X258
14.	Keberkesanan Aktiviti STEM Anjuran Kelab Suka Belajar UTM di PSI Cawangan Kg Melayu	Co-Investigator	UTM (Tier 1)	UTM	RM30000	01/02/2018	31/01/2020	Q.J130000.2531.18H44
15.	Malaysian Teachers' Selection of Heuristics in Teaching Mathematics	Co-Investigator	UTM (Tier 2)	UTM	RM10000	01/07/2017	30/06/2018	Q.J130000.2631.14J12
16.	Hubungan antara Kecerdasan Emosi dan Motivasi Pelajar dalam Menyelesaikan Masalah Matematik Bukan Rutin	Co-Investigator	UTM (Tier 2)	UTM	RM10000	01/02/2018	31/01/2019	Q.J130000.2631.14J97
17.	Industrial Revolution (IR) 4.0 Teacher Training Program Framework for Malaysian Public Universities	Co-Investigator	Kementerian Pendidikan Tinggi (Special Grant JPT)	National	RM60000	04/10/2017	07/04/2019	R.J130000.7831.4L424
18.	Pembangunan Modul Aktiviti Bagi Menerapkan Pendidikan STEM di Kalangan Pelajar, Guru Dan Ibubapa Melalui Program Bertemakan STEM	Co-Investigator	UTM (Tier 1)	UTM	RM30000	01/02/2018	31/07/2019	Q.J130000.2531.19H47
19.	Mathematics Education Postgraduates' Recontextualisation of Teaching and Learning Mathematics in School	Co-Investigator	UTM (Potential Academic Staff)	UTM	RM20000	01/11/2016	31/10/2017	Q.J130000.2731.02K68

20.	Pemasaran dan Penjenamaan Produk Makanan IKS Batu Pahat	Co-Investigator	UTM (Institut Inovasi Strategik Johor)	National	RM36500	15/07/2016	14/07/2017	Q.J130000.2529.15H19
21.	The Effectiveness Of "Young Innovate Program" On Students' Interest and Success In STEM	Co-Investigator	UTM (Tier 1)	UTM	RM50000	01/07/2016	30/06/2018	Q.J130000.2531.13H68
22.	Enhance Student-Centered Pedagogy Skills Among UTM Students Through Service Learning	Co-Investigator	UTM (Dana Pembangunan Pengajaran)	UTM	RM10000	15/07/2016	30/09/2019	R.J130000.7731.4J248
23.	Development Of a Substantive Theory on The Interrelation and Interaction Among Pertinent Elements Of Critical Thinking And Mathematical Thinking In Real-World Engineering Practice For Engineering Education	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM60200	01/08/2016	31/07/2018	R.J130000.7831.4F912
24.	Faktor-Faktor Yang Mempengaruhi Minat Saintifik : Pembelajaran Stem Sebagai Strategi Penyelesaian	Co-Investigator	UTM (Tier 1)	UTM	RM50000	01/07/2016	30/09/2018	Q.J130000.2531.13H69
25.	Pembinaan Dan Pengujian Model Penerapan Al Quran Bagi Pendidikan Sains, Teknologi, Kejuruteraan Dan Matematik	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM95500	02/11/2015	01/11/2017	R.J130000.7831.4F743
26.	Pembangunan Insan dan Pengurusan Trauma Mangsa Banjir di Pusat Pemindahan	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM58680	01/04/2015	31/03/2016	R.J130000.7831.4F694

27.	Modul Sukarelawan Bagi Pembelajaran Pelajar Sekolah Dalam Hospital	Co-Investigator	UTM (UTM R&D Fund)	UTM	RM15000	01/06/2015	31/05/2017	R.J130000.7731.4J163
28.	Developing Green and Microscale Experiments to Enhance 21 Century Science, Matematics, Engineering and Mathematics (STEM) Education in Malaysia	Co-Investigator	UTM (Encouragement Grant)	UTM	RM20000	01/09/2015	30/11/2016	Q.J130000.2631.11J38
29.	Piawaian Strategi Service Learning Berfokuskan Displin Dalam Academia Baru	Co-Investigator	UTM (UTM R&D Fund)	UTM	RM15000	01/06/2015	31/05/2017	R.J130000.7731.4J152
30.	Collaborative Strategy in Learning Chemistry Through Blossom	Co-Investigator	UTM (UTM R&D Fund)	UTM	RM30000	01/07/2015	30/06/2016	R.J130000.7331.4J156
31.	Scaffolding Framework in Communication Process of Learning Using Blossoms	Co-Investigator	UTM (UTM R&D Fund)	UTM	RM30000	01/07/2015	30/09/2016	R.J130000.7331.4J157
32.	Framework For Meaningful Interaction in Social Learning Environment	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM69200	01/12/2014	30/11/2016	R.J130000.7831.4F604
33.	Designing Augmented Reality Learning Environment to Enhance Visualization Skills Among Engineering Student with Different Learning Style	Co-Investigator	UTM (Encouragement Grant)	UTM	RM20000	01/05/2015	31/07/2016	Q.J130000.2631.11J13

34.	MyDialek: Development of a phonological model and an audio-visual speech corpus of Malay dialects in Malaysia	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM68200	01/12/2014	30/11/2016	R.J130000.7841.4F603
35.	An Integrated Peer Instruction Model to reduce Cognitive Load in Social Media Learning	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM60200	01/12/2014	30/11/2016	R.J130000.7831.4F612
36.	Membentuk Kemahiran Penyelesaian Masalah Dari Perspektif Metakognitif Menggunakan Pembelajaran Melalui Web	Co-Investigator	UTM (Encouragement Grant)	UTM	RM20000	01/05/2015	31/07/2016	Q.J130000.2631.10J72
37.	Physics Problem Solving from Metacognitive Perspective	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM68200	01/07/2014	30/06/2016	R.J130000.7831.4F427
38.	Pembangunan Model Refleksi Berfokuskan Pengetahuan Pedagogi Kandungan Secara Kolaborasi Dalam Kalangan Pendidik Sains Dan Teknologi Peringkat IPTA	Co-Investigator	UTM (Tier 1)	UTM	RM23000	01/04/2014	31/03/2016	Q.J130000.2531.08H19
39.	The role of explicit phonetic instruction in pronunciation teaching in ESL settings: The case of interdental sounds and Malay learners of English	Co-Investigator	UTM (Potential Academic Staff)	UTM	RM20000	01/03/2014	28/02/2015	Q.J130000.2741.00K78
40.	Designing 21st Century Learning Spaces	Co-Investigator	UTM (UTM R&D Fund)	UTM	RM20000	01/07/2014	30/06/2016	R.J130000.7731.4J139

41.	Q STEM Virtualreality/ Augmented Reality Self Learning Module for Appreciation Of Al Quran and Critical Thinking	Co-Investigator	Kementerian Pendidikan Tinggi (Prototype Development Research Grant Scheme)	National	RM84600	01/12/2019	31/08/2022	R.J130000.7853.4L711
42.	Tanggungjawab Sosial Universiti (University Social Responsibility): Model Dan Perlaksanaan Bagi Menyokong Matlamat Pembangunan Lestari (Sustainable Development Goals)	Co-Investigator	UTM (UTM Fundamental Research)	UTM	RM70000	01/01/2020	30/06/2023	Q.J130000.2509.21H20
43.	HIR 3.2: Data Driven Curriculum Innovation in STEM	Co-Investigator	UTM (High Impact Research Grant)	UTM	RM36000	01/04/2018	30/09/2021	Q.J130000.2409.04G91
44.	Impak Program Mobiliti Pelajar Terhadap Pembangunan Pelajar Di UTM	Co-Investigator	UTM (Tier 1)	UTM	RM30000	01/02/2018	31/10/2020	Q.J130000.2531.18H62
45.	Scenario Based Learning: Strategi dan Perlaksanaan dalam Membangunkan Kemahiran Abad ke-21	Co-Investigator	UTM (Dana Pembangunan Pengajaran)	UTM	RM10000	15/07/2016	14/07/2018	R.J130000.7731.4J249
46.	Kerangka Panduan Pelaksanaan Service Learning Mahasiswa UTM: Green School Project	Co-Investigator	UTM (Tier 2)	UTM	RM10000	01/10/2016	30/09/2017	Q.J130000.2631.11J85

47.	Kerangka Kaedah Pembelajaran Di Luar Bilik Darjah (PLBD)Bagi Meningkatkan Kemahiran Berfikir Aras Tinggi (KBAT)Pelajar Dalam Matematik	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM51200	01/09/2019	31/05/2022	R.J130000.7853.5F132
48.	Development Of Mobile Augmented Reality (MAR) For Learning Chemistry to Enhance Visualization Skill Among Students	Co-Investigator	UTM (UTM Prototype Research)	UTM	RM80000	01/01/2020	31/12/2022	Q.J130000.2853.00L34
49.	Model Pendekatan STEM Belantara Berteraskan Nilai Murni bagi Pendidikan Orang Asli	Co-Investigator	Kementerian Pendidikan Tinggi (Fundamental Research Grant Scheme)	National	RM60000	01/09/2019	30/11/2022	R.J130000.7853.5F267
50.	A Framework for Assessing Probabilistic Reasoning Among Secondary Students	Co-Investigator	UTM (Tier 1)	UTM	RM25000	01/04/2014	31/03/2016	Q.J130000.2531.05H73

COLLABORATION / MOU

NO	NAME OF MOU	LEVEL OF MOU (NATIONAL/ INTERNATIONAL)	STARTING DATE	ENDING DATE
1.	Chonnam National University, South Korea	International	1/03/2019	31/08/2019
2.	Universitas Negeri Makassar, Indonesia	International	19/08/2023	20/08/2023
3.	Universitas Negeri Malang, Indonesia	International	24/09/2019	25/09/2019
4.	Universitas Negeri Padang, Indonesia	International	30/06/2018	1/07/2018
5.	Universitas Negeri Yogyakarta, Indonesia	International	21/03/2023	20/04/2023
6.	Universitas PGRI Semarang, Indonesia	International	21/03/2023	20/04/2023
7.	Universitas Sriwijaya, Indonesia	International	9/03/2024	9/03/2024
8.	Universitas Syiah Kuala, Indonesia	International	27/06/2018	28/06/2018

TEACHING ACTIVITIES

Summary	
Total Credit Hours	198

UNDERGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2025/2026	2	SHPM2332	Mathematics Education Laboratory	2	30
2025/2026	1	SHPM2312	Teaching Methods In Mathematics	2	30
		SHPA2001	Microteaching	1	6
2024/2025	2	SHPM2332	Mathematics Education Laboratory	2	30
2024/2025	1	SHPM2312	Teaching Methods In Mathematics	2	35
		SHPA2001	Microteaching	1	6
2023/2024	2	SHPM2332	Mathematics Education Laboratory	2	35
2023/2024	1	SHPM2312	Teaching Methods In Mathematics	2	28
		SHPN1022 (01)	Sciences And Mathematics Learning	2	16
		SHPN1022 (02)	Sciences And Mathematics Learning	2	29

		SHPA2001 (09)	Microteaching	1	6
2022/2023	2	SHPM2332 (01)	Mathematics Education Laboratory	2	29
		SHPM2332 (02)	Mathematics Education Laboratory	2	31
2022/2023	1	SHPM2312	Teaching Methods In Mathematics	2	31
		SHPA2001 (09)	Microteaching	1	6
2021/2022	1	SHPM2312	Teaching Methods In Mathematics	2	29
2013/2014	2	SPN4342	Mathematics Education	2	26
2008/2009	2	SPN2332 (01)	Mathematics Education Lab	2	31
		SPN2332 (02)	Mathematics Education Lab	2	21
2007/2008	1	SPN2332	Mathematics Education Lab	2	25
Total credits				**34**	

POSTGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2025/2026	2	MHPM1123 (01)	Design And Implementation Of Mathematics Curriculum	3	
		MHPM2213 (01)	Teaching And Learning Mathematics In Primary And Secondary Schools	3	
2025/2026	1	MHPM1123 (01)	Design And Implementation Of Mathematics Curriculum	3	14
		MHPM1123 (50)	Design And Implementation Of Mathematics Curriculum	3	14
2024/2025	2	MHPM1123 (01)	Design And Implementation Of Mathematics Curriculum	3	7
		MHPM2213 (01)	Teaching And Learning Mathematics In Primary And Secondary Schools	3	11
2024/2025	1	MHPM1123 (01)	Design And Implementation Of Mathematics Curriculum	3	10
		MHPM1123 (50)	Design And Implementation Of Mathematics Curriculum	3	10
2023/2024	2	MHPM1123 (50)	Design And Implementation Of Mathematics Curriculum	3	13
		MHPM1123 (01)	Design And Implementation Of Mathematics Curriculum	3	7
		UHPP6013 (08)	Research Methodology	3	8
2022/2023	2	MHPM1123	Design And Implementation Of Mathematics Curriculum	3	12
2022/2023	1	MHPM1123	Design And Implementation Of Mathematics Curriculum	3	7

2021/2022	2	MHPM1133	Assessment In Mathematics Education	3	2
		MPPM1223	Assessment In Mathematics Education		1
2021/2022	1	MHPM1133	Assessment In Mathematics Education	3	2
		MPPM1223	Assessment In Mathematics Education		5
2020/2021	2	MPPM1223	Assessment In Mathematics Education	3	4
2020/2021	1	MPPM1223	Assessment In Mathematics Education	3	3
2019/2020	2	MPPM1223	Assessment In Mathematics Education	3	3
2019/2020	1	MPPM1223	Assessment In Mathematics Education	3	11
		MPPM1323	Problem Solving In Mathematics	3	14
2018/2019	1	MPPM1223	Assessment In Mathematics Education	3	14
		MPPM1323	Problem Solving In Mathematics	3	2
2017/2018	2	MPPM1223	Assessment In Mathematics Education	3	11
		MPPM1363	Thinking Skills In Mathematics Education	3	9
2017/2018	1	MPPM1223	Assessment In Mathematics Education	3	16
		MPPM1323	Problem Solving In Mathematics	3	6
2016/2017	2	MPPM1223	Assessment In Mathematics Education	3	20
		MPPM1363	Thinking Skills In Mathematics Education	3	22
2016/2017	1	MPPM1223	Assessment In Mathematics Education	3	13
		MPPM1323	Problem Solving In Mathematics	3	9
		MPPU1070	Critical Analysis	0	34
2015/2016	2	MPPS1203	Testing and Evaluation in Science Education	3	14
		MPPU1070	Critical Analysis	0	40
		MPPM1223	Assessment In Mathematics Education	3	7
		MPPM1363	Thinking Skills In Mathematics Education	3	22
2015/2016	1	MPPS1203	Testing and Evaluation in Science Education	3	10
		MPPM1223	Assessment In Mathematics Education	3	19
		MPPM1353	Technology In Mathematics Education	3	33

		MPS1843	Computer In Mathematics Education	3	8
		MPS1053	Testing And Evaluation In Science & Mathematics Education	3	1
2014/2015	2	MPPM1313	Mathematics Teaching In Primary And Secondary Schools	3	15
		MPPM1223	Assessment In Mathematics Education	3	17
		MPPS1203	Testing And Evaluation In Science Education	3	6
		MPS1053	Testing And Evaluation In Science & Mathematics Education	3	11
		MPPU1074	Research Methodology And Data Analysis In Education	4	26
		MPPU1060	Research Methods And Data Analysis	0	49
		MPU0020	Research Methods In Education	0	4
		MPPU1070	Critical Analysis	0	57
		PPU0020	Advanced Research Methods In Education	0	6
2014/2015	1	MPPS1203	Testing And Evaluation In Science Education	3	7
		MPPM1223	Assessment In Mathematics Education	3	14
		MPS1053	Testing And Evaluation In Science & Mathematics Education	3	8
		MPPM1353	Technology In Mathematics Education	3	20
		MPS1843	Computer In Mathematics Education	3	24
		MPU1034	Application Of Statistics In Educational Research I	4	20
2013/2014	2	MPU1034	Application Of Statistics In Educational Research I	4	12
		MPS1053	Testing And Evaluation In Science & Mathematics Education	3	38
2013/2014	1	MPS1843	Computer In Mathematics Education	3	32
		MPS1053	Testing And Evaluation In Science & Mathematics Education	3	18
Total credits				**156**	

ACADEMIC ADVISOR: BACHELOR OF SCIENCE WITH EDUCATION (MATHEMATICS) WITH HONOURS

BATCH SEMESTER I SESI 2025/2026

NO	MATRIC NO	STUDENT NAME
1.	A25HP0046	Anis Amalin Binti Saidin
2.	A25HP0053	Azreen Izzati Binti Md Shabarien
3.	A25HP0069	Fadhilah Aliah Binti Abdillah
4.	A25HP0078	Hazfarina Natasha Binti Hatzelan
5.	A25HP0087	Iylia Humaira' Binti Md Zaki
6.	A25HP0005	Kok En Chi
7.	A25HP0114	Muhammad Adam Nukman Bin Md.Zainal
8.	A25HP0118	Muhammad Aiman Hakim Bin Salamat
9.	A25HP0120	Muhammad Ajwad Bin Azhan
10.	A25HP0299	Ummi Syakirah Binti Abu Hasan

BATCH SEMESTER I SESI 2024/2025

NO	MATRIC NO	STUDENT NAME
1.	A24HP0008	Ahmad Mustaqim Bin Mohd Nazar
2.	A24HP0030	Anis Zulaikha Binti Faizal
3.	A24HP0041	Chung Xi
4.	A24HP0043	Dayana Batrisya Binti Amriza
5.	A24HP0050	Eunice Ding Zi Han
6.	A24HP0061	Jojor Tsai San Jor
7.	A24HP0066	Lailatul Nazira Binti Mohd Hashim
8.	A24HP0067	Lam Ken Ping
9.	A24HP0070	Lim Jia Ying
10.	A24HP0075	Mohammad Ashrof Husaini Bin Rosli

BATCH SEMESTER I SESI 2022/2023

NO	MATRIC NO	STUDENT NAME
1.	A22HP0038	Danny Yeoh Kheng Kwang
2.	A22HP0250	Muhammad Aiman Hakim Bn Md Noorizan
3.	A22HP0119	Muhammad Nazreen Nurhafiz Bin Mohd Nizman
4.	A22HP0251	Nur Nadzliyatul Dania Binti Khirul Annuar

BATCH SEMESTER I SESI 2021/2022

NO	MATRIC NO	STUDENT NAME
1.	A21HP0001	Addeen Shaufee Bin Shamshuddin
2.	A21HP0003	Afiq Naqiuddin Bin Kamaruddin
3.	A21HP0004	Ahmad Adib Bin Rosdi
4.	A21HP0009	Aina Nurhanis Binti Zulailee
5.	A21HP0015	Angela Ee Si Jie
6.	A21HP0017	Asma Binti Amal
7.	A21HP0215	Yasmin Suraya Binti Azmi
8.	A21HP0216	Zaleha Binti Mohd Yusof
9.	A21HP0217	Zulaikha Adila Binti Zakaria
10.	A21HP0218	Zulfadzilah Binti Zulkifli

BATCH SEMESTER I SESI 2020/2021

NO	MATRIC NO	STUDENT NAME
1.	A20HP0153	Nor Suhaila Binti Sabtu
2.	A20HP0162	Nur Aliya Zehra Binti Amran
3.	A20HP0218	Nurul Halizah Binti Roslan
4.	A20HP0219	Nurul Hazreen Binti Hanafi
5.	A20HP0223	Nurul Munirah Binti A Ramli
6.	A20HP0225	Nurul Rabiatul Adawiyah Binti Suhaimee
7.	A20HP0229	Nurul Syahirah Binti Mohamad
8.	A20HP0236	Radhul Adwa Bin Hamzah
9.	A20HP0263	Suhaib Bin Fadzlan Shahidi
10.	A20HP0270	Tea Jia Xian

SUPERVISION

Summary	
Main Supervisor – PhD (Graduated)	16
Co-Supervisor – PhD (Graduated)	9
Main Supervisor – PhD (Ongoing)	9
Co-Supervisor – PhD (Ongoing)	2
Main Supervisor- Master by Research (Graduated)	2
Main Supervisor- Master by Research (On-Going)	-
Main Supervisor- Master by Taught Course (Graduated)	60
Main Supervisor- Master by Taught Course (On-Going)	7
Main Supervisor- Master by Mixed-Mode (Graduated)	4
Main Supervisor- Master by Mixed-Mode (On-Going)	-
Main Supervisor- Bachelor (Graduated)	23
Main Supervisor- Bachelor (On-Going)	6

PhD Student

No.	Name	Status (Graduated / On-Going)	Date of Graduation (Date is based on Senate Letter)	Title	Roles of Supervision
1.	Yao Qi	Graduated	22 May 2026	A Comprehensive Comparative Study On Secondary School Mathematics Textbooks Between Beijing, Shanghai, And Malaysia	Main supervisor
2.	Su Xiaomei	Graduated	30 April 2026	Mathematical Thinking And Attitude Towards Mathematics On Mathematical Modelling Competency Among Undergraduate Students In Shijiazhuang City, Hebei Province, China	Main supervisor

3.	Zhao Shan	Graduated	30 March 2026	Using Problem-Based Learning With Steam Education In Linear Algebra Course To Enhance Undergraduates' Creative Thinking Skills	Main supervisor
4.	Wang Haosheng	Graduated	24 Sep 2025	Enhancing Primary School Students' Collaborative Problem-Solving Competence In Mathematics Through Project-Based Learning With Interactive Whiteboard	Main supervisor
5.	Abdul Hakim Bin Abd Jalil	Graduated	24 August 2025	Kerangka Kurikulum Matematik Berasaskan STEM Dari Perspektif Sosiobudaya Murid Orang Asli Sekolah Rendah Di Negeri Johor	Main supervisor
6.	Wang Qian	Graduated	24 August 2025	Enhancing Critical Thinking Of University Students In Ningxia Province Of China Using Inquiry-Based Learning Strategy In Ordinary Differential Equations	Main supervisor
7.	Hartini Binti Ismail	Graduated	25 Sep 2024	Kesan Pembelajaran Berasaskan Inkuiri Menggunakan Realiti Terimbuh Bagi Mengurangkan Miskonsepsi Berkaitan Dua Dan Tiga Dimensi Murid Tahun Dua	Main supervisor
8.	Ilda Salwani Binti Ameer Hamza	Graduated	31 Jul 2024	Pembelajaran Kepekaan Nombor Murid Tahun Lima Melalui Perbandingan Kaedah Pengiraan Mental Dan Anggaran Pengiraan	Main supervisor
9.	Sharifah Nurarfah Binti S. Abd Rahman	Graduated	29 May 2024	Keberkesanan Strategi Pembelajaran Matematik Kontekstual Berbantukan GeoGebra Terhadap Kemahiran Berfikir Aras Tinggi Dalam Kalangan Murid Tingkatan Satu	Main supervisor
10.	Chandra A/P Sinniah	Graduated	29 May 2024	Keberkesanan Pembelajaran Berasaskan Masalah Bukan Rutin Berbantukan GeoGebra Terhadap Kreativiti Matematik Dalam Kalangan Murid Tahun Enam	Main supervisor
11.	Zulhelmi Bin Zulkpli	Graduated	24 Feb 2022	Strategi Penyebatian Pemikiran Kritis Dan Kreatif Matematik	Main supervisor

				Dalam Pembelajaran Ungkapan Algebra Pelajar Tingkatan 1	
12.	Muhammad Nasiru Hassan	Graduated	31 Mar 2021	Integrating ISTEM Into van Hiele Phases Of Learning Geometry To Alleviate Students' Geometric Thinking And Attitude Towards Learning Geometry	Main supervisor
13.	Muhammad Sani Abdurrahman	Graduated	24 Feb 2021	Developing Mathematical Thinking In Linear Algebra Through Peer Tutoring Strategy Among Polytechnic Students	Main supervisor
14.	Nurul Shida Binti Noni	Graduated	20 May 2020	Enhancing Intergal Calculus Problem Solving Skills Using Critical Thinking Learning Strategy In A Malaysian Polytechnic	Main supervisor
15.	Soh Hon Mun	Graduated	26 Sep 2019	Using Active Learning With Smart Board To Enhance Primary School Students' Higher Order Thinking Skills In Data Handling	Main supervisor
16.	Elizabeth Julius	Graduated	20 Mar 2019	Self-Concept, Emotional Intelligence And Problem Solving Skills On Attitude Towards Solving Algebraic Problems Among Students In Sokoto State, Nigeria	Main supervisor
17.	Nor Delyliana Binti Admon	Graduated	05 Jul 2023	Kemahiran Berfikir Aras Tinggi Dalam Pembelajaran Kebarangkalian Berpandukan Pemikiran Matematik Mason	Co-supervisor
18.	Syafri Ahmad	Graduated	29 Sep 2021	Pembelajaran Geometri Menggunakan Pendekatan Pendidikan Matematik Realistik Indonesia	Co-supervisor
19.	Muhammad Ammar Naufal	Graduated	27 Jan 2021	Pengembangan Tahap Pemikiran Geometri Pelajar Sekolah Menengah Di Makassar Melalui Penerapan Aktiviti Metakognisi Dalam Model van Hiele	Co-supervisor
20.	Mohd Hizwan Bin Mohd Hisham	Graduated	17 Apr 2019	Conceptual Framework To Inculcate Higher Order Thinking Skills For Educators In Electrical Technology	Co-supervisor
21.	Jacinta A/P Johnny	Graduated	25 Jul 2018	Mathematical Thinking Among Mathematical High Achievers	Co-supervisor

				Through Questioning When Solving Non-Routine Problems	
22.	Najua Syuhada Binti Ahmad Alhassora	Graduated	11 Apr 2018	Mathematics Teachers' Competency Scales In The Teaching Of Higher-Order Thinking Skills In Secondary Schools	Co-supervisor
23.	Mohamad Nizam Bin Arshad	Graduated	14 Feb 2018	Strategi Pembelajaran Pembezaan Berfokuskan Metakognitif Bagi Mempertingkatkan Penaakulan Matematik	Co-supervisor
24.	Rohani Binti Abd Wahab	Graduated	05 Apr 2017	Pembelajaran Geometri Tiga Dimensi Melalui Perisian *Sketchup Make* Bagi Mempertingkatkan Kemahiran Visual Spatial Dan Tahap Pemikiran Geometri	Co-supervisor
25.	Habu Ibrahim	Graduated	26 Mac 2025	Problem-Solving and Demonstration Learning Strategies to Enhance Algebra Achievement and Conceptual Understanding among Secondary School Students in Nigeria	Co-supervisor
26.	Syed Abdul Hakim Bin Syed Zainuddin	On-Going	-	Tahap Kreativiti Dan Pemahaman Geometri Murid Sekolah Rendah Melalui Pendekatan STEM Dalam Strategi Pembelajaran Berasaskan Pengalaman	Main supervisor
27.	Nurul Syahidah Binti Shamsuddin	On-Going	-	Meningkatkan Kemahiran Penyelesaian Masalah Melalui Pembelajaran Berasaskan Projek Berbantukan Scratch Dalam Kalangan Murid Sekolah Rendah	Main supervisor
28.	Bahiah Binti Baharudin	On-Going	-	Stimulasi Multimodal Sebagai Perancah Dalam Prosedur Newman Untuk Meningkatkan Keupayaan Penyelesaian Masalah Geometri Koordinat	Main supervisor
29.	Nurain Nadhirah Binti Mohamad	On-Going	-	Pembangunan Dan Penilaian Modul Pemikiran Komputasi Guru Pra-Perkhidmatan Matematik Melalui Pembelajaran Berasaskan Projek Pengaturcaraan Scratch	Main supervisor

30.	George Tan Geok Shim	On-Going	-	Development and Validation Of Cognitive Diagnostic Assessments (CDA) in Pre-University Calculus	Main supervisor
31.	Fateen Najwa Binti Azman	On-Going	-	-	Main supervisor
32.	Melvin Georage A/L Maria Razal	On-Going	-	Enhancing Year Five Students' Word Problem Solving Achievement In Measurement Using Think-Pair and Share with Book Creator Tool	Main supervisor
33.	Ahmad Adib bin Rosdi	On-Going	-	-	Main supervisor
34.	Angela Ee Si Jie	On-Going	-	-	Main supervisor
35.	Mohamed Nabil Abdelhady Ahmed	On-Going	-	Effectiveness of ChatGPT in Teaching Statistics	Co-supervisor
36.	Marlina Ali	Passed Viva-voce	-	Kerangka Penyelesaian Masalah Bukan Rutin Mekanik dan Elektrik Berdasarkan Perspektif Metakognitif Dalam Kalangan Pelajar Universiti	Co-supervisor

MSc. Student

No.	Name	Status (Graduated / On-Going)	Date of Graduation (Date is based on Senate Letter)	Title	Mode (Research/ Taught-course/ Mixed Mode)	Roles of Supervision
1.	Nur Liyana Binti Zainal Abidin	Graduated	05 Apr 2017	Keberkesanan Kaedah Blok Pemikiran Untuk Meningkatkan Kemahiran Berfikir Aras Tinggi (KBAT) Dalam Pembelajaran Pecahan	Research	Main supervisor
2.	Najiha Binti Mohd Saimi	Graduated	17 Apr 2019	Amalan Penerapan Kemahiran Berfikir Aras Tinggi Dalam Pengajaran Jurulatih Matematik	Research	Main supervisor
3.	Wong Siew Fang	Graduated	04 Oct 2017	Keberkesanan Program Asas Kemahiran Mengira (Protim) Matematik Untuk Murid Pemulihan Tahun 4	Mixed Mode	Main supervisor
4.	Noor Suhaily Binti Misrom	Graduated	25 Jul 2018	Meningkatkan Kemahiran Berfikir Aras Tinggi dan Motivasi Pelajar Melalui Strategi Penaakulan Induktif Berbantukan GeoGebra	Mixed Mode	Main supervisor
5.	Zuraini Binti Marion	Graduated	28 Dec 2022	Kesan Inkuiri Penemuan Berbantukan GeoGebra Terhadap Penguasaan Dan Minat Pelajar Dalam Ungkapan Algebra	Mixed Mode	Main supervisor
6.	Kalaiarasi A/P Nadarajan	Graduated	30 Mar 2022	Keberkesanan Strategi Pembelajaran Kelas Berbalik Matematik Dalam Meningkatkan Kemahiran Berfikir Aras Tinggi Dan Motivasi Pelajar	Mixed Mode	Main supervisor
7.	Rodzi Binti Amin	Graduated	27 Aug 2025	Pembangunan Aktiviti Etnomatematik Berasaskan Songket Dalam Kalangan Murid Sekolah Menengah	Taught-course	Main supervisor
8.	Nor Aida Binti Ruslan	Graduated	27 Aug 2025	Kemahiran Mengira Teras Pembelajaran Matematik: strategi Pembangunan Matematik Untuk Generasi Akan Datang	Taught-course	Main supervisor
9.	Wong Wai San Carol	Graduated	27 Aug 2025	Effect Of Online Mathematics Enrichment Using Kangaroo Math Problems On Boarding School Students' Achievement And Confidence	Taught-course	Main supervisor
10.	Tea Jia Xian	Graduated	27 Aug 2025	Pengetahuan Teknologi Pedagogi Kandungan (PTPK) Guru Pra-perkhidmatan Matematik Di	Taught-course	Main supervisor

				Universiti Teknologi Malaysia (UTM) Yang Mendaftar Ketika Pandemik COVID-19		
11.	Nor Suhaila Binti Sabtu	Graduated	27 Aug 2025	Kesukaran Topik Matematik Pengguna Tingkatan 3 Dalam Aspek Kurikulum, pedagogi, Dan Pentaksiran Dari Perspektif Guru Dan Murid	Taught-course	Main supervisor
12.	Mohd Syamil Izmi Bin Abu Zaki	Graduated	26 Mar 2025	Exploring PBD: Implementation, Challenges and Pupils' Performance	Taught-course	Main supervisor
13.	Suvasinee A/P Sarawana Muthu	Graduated	28 Aug 2024	The Integration Of Indian Classical Dance Bharatanatyam Through Ethnomathematics Activities Among Primary School Students	Taught-course	Main supervisor
14.	Melvin Georage A/L Maria Razal	Graduated	28 Aug 2024	The Integration Of Ethnomathematics In Chinese Culture Through 'go Chess' Game In Mathematics Primary School	Taught-course	Main supervisor
15.	Jeeva Rubyni A/P Sinnayah	Graduated	28 Aug 2024	The Integration Of South Indian Art, Kolam Through Ethnomathematics Activities Among Primary School Students	Taught-course	Main supervisor
16.	Nurain Nadhirah Binti Mohamad	Graduated	27 Mar 2024	Kesediaan Guru Pra-Perkhidmatan Matematik Menggunakan Aplikasi Scratch Dalam Pengajaran Matematik Di Sekolah	Taught-course	Main supervisor
17.	Nur Husna Binti Haziki	Graduated	30 Aug 2023	A Systematic Review And Meta-Analysis On The Effectiveness of Flipped Classroom in Teaching Mathematics Towards Higher Education Students	Taught-course	Main supervisor
18.	Nik Nur Aimee Widad Binti Nik Mohamed Noor	Graduated	30 Aug 2023	A Review Of The Effectiveness Of Application STEM In Mathematics Education	Taught-course	Main supervisor
19.	Hayati Binti Nazirwan	Graduated	26 Oct 2022	Vocational College Mathematics Teachers' Perspectives of Home-Based Teaching And Learning During The COVID-19 Pandemic In Johor	Taught-course	Main supervisor
20.	Nor' Hidayah Binti Mohd. Amir	Graduated	25 Aug 2021	E-Pembelajaran : Kebolehcapaian Objektif Pengajaran Dan Pembelajaran Bagi Mata Pelajaran Matematik	Taught-course	Main supervisor

21.	Siti Aisyah Binti Abu Bakar	Graduated	31 Mar 2021	The Effect of Visualization Tools on Secondary Students' Problem Solving and Computational Thinking Skills	Taught-course	Main supervisor
22.	Lim Kar Teck	Graduated	31 Mar 2021	The Development of Computational Thinking and Mathematics Problem Solving Skill Through Mathematics Modelling Activities	Taught-course	Main supervisor
23.	Nurain Binti Zainal	Graduated	26 Aug 2020	Kesan Aktiviti Berasaskan Pemikiran Komputasional Terhadap Kemahiran Penyelesaian Masalah Matematik Pelajar Sekolah Menengah	Taught-course	Main supervisor
24.	Fatin Marlia Binti Mohd Maulana	Graduated	26 Aug 2020	Hubungan Antara Pemikiran Komputasional Dengan Penyelesaian Masalah Matematik Bukan Rutin Dalam Kalangan Pelajar Sekolah Menengah	Taught-course	Main supervisor
25.	Pavalakodi A/P Subramaniam	Graduated	23 Jul 2019	Cabaran Guru Sekolah Rendah Dalam Mengintegrasikan Kemahiran Berfikir Aras Tinggi (KBAT) Dalam Matapelajaran Matematik	Taught-course	Main supervisor
26.	Wong Jieh Tze	Graduated	30 Jan 2019	Hubungan Antara Personaliti Pelajar Dengan Pencapaian Dalam Menyelesaikan Soalan Matematik Berbentuk Kemahiran Berfikir Aras Tinggi	Taught-course	Main supervisor
27.	Siti Nurul 'Ain Binti Rahimin	Graduated	30 Jan 2019	Keberkesanan Pembelajaran Matematik Berasaskan Inkuiri Terhadap Kemahiran Berfikir Aras Tinggi Dalam Kalangan Pelajar Tingkatan Satu	Taught-course	Main supervisor
28.	Nurul Syahidah Binti Shamsuddin	Graduated	30 Jan 2019	Pola Tingkah Laku Murid Semasa Menyelesaikan Masalah Matematik Bukan Rutin Merentas Kecerdasan Pelbagai	Taught-course	Main supervisor
29.	Muhammad Asnawi Bin Othman	Graduated	30 Jan 2019	Pembangunan Aplikasi Mudah Alih Konsep Pengecaman Corak Kemahiran Pemikiran Komputasional Dalam Subjek Matematik	Taught-course	Main supervisor
30.	Hasbul Az Bin Muhamad	Graduated	30 Jan 2019	Keberkesanan Modul Hayati Eksplorasi Berfikir Aras Tinggi (HEBAT) Matematik Terhadap Kemahiran Berfikir Aras Tinggi (KBAT) Pelajar	Taught-course	Main supervisor
31.	Siti Norbazilah Binti Ahmad Suhud	Graduated	25 Jul 2018	Mathematics Curriculum Framework for Early Childhood Education Based On Science, Technology, Engineering and Mathematics (STEM)	Taught-course	Main supervisor

32.	Julaila Binti Sapari	Graduated	25 Jul 2018	Faktor-Faktor Yang Mempengaruhi Pencapaian Kursus Matematik Kejuruteraan 1 Dalam Kalangan Pelajar Politeknik di Johor	Taught-course	Main supervisor
33.	Hidayatul Yaqin Binti Abdullah	Graduated	25 Jul 2018	Aktiviti Pembelajaran Topik Nisbah, Kadar dan Kadaran Berasaskan Strategi Penyelesaian Masalah Matematik Bukan Rutin Menggunakan Gambar Rajah	Taught-course	Main supervisor
34.	Ting Yann Yann	Graduated	14 Feb 2018	Cooperative Learning in Teaching Students' Misconceptions in Fractions	Taught-course	Main supervisor
35.	Siti Musfirah Binti Nasir	Graduated	14 Feb 2018	Pengetahuan Metakognitif dan Tingkahlaku Metakognitif Dalam Pengajaran Guru Matematik Sekolah Rendah	Taught-course	Main supervisor
36.	Siti Aisyah Binti Ahmad Tarmizi	Graduated	14 Feb 2018	Hubungan Antara Kecerdasan Emosi dan Motivasi Pelajar Dalam Menyelesaikan Masalah Matematik Bukan Rutin	Taught-course	Main supervisor
37.	Nurul `Aqilah Binti Mohd Hashim	Graduated	14 Feb 2018	Kesediaan Guru Matematik Dalam Melaksanakan Kurikulum Standard Sekolah Menengah di Johor Bahru	Taught-course	Main supervisor
38.	Ang Yih Rui	Graduated	14 Feb 2018	Enhancing Primary School Students' Higher Order Thinking Skills in Shape and Space Using Thinking Maps	Taught-course	Main supervisor
39.	Yeow Lih Wen	Graduated	01 Mar 2017	Mathematical Problem Solving Skills among Students from Sciences and Art Educational Background	Taught-course	Main supervisor
40.	Siti Zulaiha Binti Abd Rahim	Graduated	01 Mar 2017	Strategi Penyelesaian Masalah Matematik Bukan Rutin Merentas Kepelbagaian Kecerdasan	Taught-course	Main supervisor
41.	Raja Haffizah Soffia Bt Raja Hussin	Graduated	01 Mar 2017	Kesediaan Guru Melaksanakan Pendidikan Sains, Teknologi, Kejuruteraan Dan Matematik (STEM) Bagi Aspek Kognitif, Afektif Dan Tingkah Laku	Taught-course	Main supervisor
42.	Nurul Fatehah Binti Nasaruddin	Graduated	01 Mar 2017	Meningkatkan Keupayaan Penyelesaian Masalah Matematik Dengan Menggunakan Pendekatan Pembelajaran Koperatif Jigsaw Dalam Kalangan Murid Tahun 5	Taught-course	Main supervisor
43.	Nurafiqah Binti Abd Rauf	Graduated	01 Mar 2017	Tingkah Laku Dan Proses Menjawab Soalan Penyelesaian Masalah Matematik Bukan Rutin Merentas Kecerdasan Pelbagai	Taught-course	Main supervisor

44.	Nur Hasanah Binti Hamzah	Graduated	01 Mar 2017	Aktiviti Pembelajaran Matematik Tingkatan Satu Dan Tingkatan Dua Berasaskan Peta Pemikiran	Taught-course	Main supervisor
45.	Nooraini Binti Abdul Rahim	Graduated	01 Mar 2017	Kesediaan Guru Matematik Sekolah Menengah Dalam Melaksanakan Proses Pembelajaran Dan Pengajaran Abad Ke-21	Taught-course	Main supervisor
46.	Rozeela Binti Zakaria	Graduated	03 Aug 2016	Tahap Kecerdasan Emosi Merentas Tahap Keupayaan Penyelesaian Masalah Matematik Bukan Rutin	Taught-course	Main supervisor
47.	Nooramira Binti Rozali	Graduated	03 Aug 2016	Strategi Penyelesaian Masalah Matematik Bukan Rutin Merentas Tret Personaliti	Taught-course	Main supervisor
48.	Fatin Nazurah Binti Mohd Noh	Graduated	03 Aug 2016	Tahap Pemikiran Geometri Pelajar Sekolah Rendah	Taught-course	Main supervisor
49.	Umi Hanim Binti Maheran	Graduated	15 Feb 2016	Tahap Pemikiran Statistik Pelajar Tingkatan Empat di Daerah Ledang	Taught-course	Main supervisor
50.	Syafiqah Binti Mohd Hairon	Graduated	15 Feb 2016	Pola Tingkahlaku Pelajar Semasa Menyelesaikan Masalah Matematik Dalam Pentaksiran Programme For International Student Assessment (PISA)	Taught-course	Main supervisor
51.	Surya'Ain Binti Ahmed	Graduated	15 Feb 2016	Tingkahlaku Metakognitif Pelajar Semasa Menyelesaikan Masalah Matematik Pentaksiran Tingkatan Tiga (PT3)	Taught-course	Main supervisor
52.	Sharifah Nurarfah Binti S. Abd Rahman	Graduated	15 Feb 2016	Kemahiran Metakognitif Pelajar Terhadap Penyelesaian Masalah Matematik Bukan Rutin	Taught-course	Main supervisor
53.	Nurul Husna Binti Johari	Graduated	15 Feb 2016	Tahap Keupayaan dan Kreativiti Pelajar Menyelesaikan Masalah Matematik Bukan Rutin	Taught-course	Main supervisor
54.	Nor Nabila Binti Sujak	Graduated	15 Feb 2016	Mathematical Competencies Among Engineering Students Through Service Learning Program	Taught-course	Main supervisor
55.	Nik Masni Zawati Binti Nik Mat Sabri	Graduated	15 Feb 2016	Mathematical Competencies Among Engineering Students Through Service Learning Program	Taught-course	Main supervisor
56.	Mohammad Firros Bin Rosool Gani	Graduated	15 Feb 2016	Meningkatkan Kemahiran Berfikir Aras Tinggi (KBAT) Pelajar Dalam Matematik Melalui Kaedah Pembelajaran Luar Bilik Darjah (PLBD)	Taught-course	Main supervisor

57.	Jackie Chieng Chang Kiong	Graduated	15 Feb 2016	Assisting Mathematics Teachers Using Geometer's Sketchpad (GSP) Through The Development of GSP Web-Based System	Taught-course	Main supervisor
58.	Yogeswari A/P Velmurugan	Graduated	05 Aug 2015	Factors That Influence Upper Secondary Student's Mathematics Achievement	Taught-course	Main supervisor
59.	Syafi 'Atikah Binti Yusof	Graduated	05 Aug 2015	Penyelesaian Masalah Matematik Bukan Rutin Dalam Kalangan pelajar Tingkatan Dua Merentas Kepelbagaian Kecerdasan	Taught-course	Main supervisor
60.	Siti Safuraa Binti Fadil	Graduated	05 Aug 2015	Pola Penyelesaian Masalah Kemahiran Berfikir Aras Tinggi (KBAT) Matematik Dalam Pentaksiran Tingkatan Tiga (PT3)	Taught-course	Main supervisor
61.	Siti Azeana Binti Zulkifli	Graduated	05 Aug 2015	Kesediaan Guru Menerapkan Kemahiran Berfikir (KBAT) Dalam Penyelesaian Masalah Matematik	Taught-course	Main supervisor
62.	Saidatul Akmal Binti Awang Ali	Graduated	05 Aug 2015	Tahap Pengetahuan dan Amalan Guru Matematik Sekolah Menengah Terhadap Pelaksanaan Kemahiran Berfikir Aras Tinggi (KBAT)	Taught-course	Main supervisor
63.	Rohaiju Binti Baharuddin	Graduated	05 Aug 2015	Tahap Keyakinan dan Kesan Penggunaan Kaedah Koperatif Dalam Pengajaran dan Pembelajaran Matematik Terhadap Guru-Guru di Sekolah Rendah	Taught-course	Main supervisor
64.	Umaathevi A/P Krishnan	Graduated	06 Aug 2014	Visualisation Approach in Solving Mathematical Word Problems	Taught-course	Main supervisor
65.	Saraswathy A/P Kandasamy	Graduated	06 Aug 2014	Mengenalpasti Pola Sebagai Strategi Dalam Penyelesaian Masalah Matematik	Taught-course	Main supervisor
66.	Siti Syamsiah Binti Ali	Graduated	30 March 2026	Meningkatkan Pemahaman Dan Motivasi Pelajar Matrikulasi Dalam Topik Logaritma Melalui Pembelajaran Teradun.	Taught-course	Main supervisor
67.	Afiq Naqiuddin Bin Kamaruddin	On-Going	-	-	Taught-course	Main supervisor
68.	Nur Fazleena Binti M.Yunus	On-Going	-	-	Taught-course	Main supervisor
69.	Shum Man Joo	On-Going	-	-	Taught-course	Main supervisor
70.	Nurul Ain Binti Jalaludin	On-Going	-	-	Taught-course	Main supervisor

71.	Roziah Binti Ismail	On-Going	-	-	Taught-course	Main supervisor
72.	Zaidatul Husna Binti Johari	On-Going	-	-	Taught-course	Main supervisor
73.	Yasmin Suraya Binti Azmi	On-Going	-	-	Taught-course	Main supervisor

BSc. Student

No.	Name	Status (Graduated/ On-Going)	Date of Graduation (Date is based on Senate Letter)	Title	Roles of Supervision
1	Tea Jia Xian	Graduated	28 Aug 2024	TAHAP PENGETAHUAN TEKNOLOGI PEDAGOGI KANDUNGAN (PTPK) DALAM KALANGAN GURU PRA-PERKHIDMATAN MATEMATIK DI UNIVERSITI TEKNOLOGI MALAYSIA (UTM)	Main supervisor
2.	Nurul Halizah Binti Roslan	Graduated	28 Aug 2024	TAHAP KESEDIAAN MENGAJAR DALAM KALANGAN GURU PRA-PERKHIDMATAN MATEMATIK UNIVERSITI TEKNOLOGI MALAYSIA DI SEKOLAH MENENGAH	Main supervisor
3.	Nur Khairina Binti Khairuddin	Graduated	28 Aug 2024	PEMBANGUNAN AKTIVITI BERASASKAN ETNOMATEMATIK DALAM TARIAN ZAPIN	Main supervisor
4.	Nur Izzah Atirah Binti Mohamad Rasol	Graduated	28 Aug 2024	PEMBANGUNAN AKTIVITI BERASASKAN ETNOMATEMATIK DALAM TARIAN KUDA KEPANG	Main supervisor
5.	Suhaib Bin Fadzlan Shahidi	Graduated	28 Aug 2024	PANDANGAN BAKAL GURU TERHADAP ISI KANDUNGAN BUKU TEKS MATEMATIK KSSM	Main supervisor
6.	Muhammad Haziq Aiman Bin Nor Halim	Graduated	28 Aug 2024	PEMBANGUNAN APLIKASI TOPIK KIMIA ORGANIK (*CHEMGITAL*) UNTUK GURU PRA-PERKHIDMATAN KIMIA DI UNIVERSITI TEKNOLOGI MALAYSIA	Main supervisor
7.	Intan Shuhana Binti Othmawi	Graduated	2015	PENGGUNAAN PETA PEMIKIRAN I-THINK DALAM TAJUK PENYELESAIAN MASALAH MELIBATKAN WANG HINGGA RM10,000.00	Main supervisor
8.	Nurul Shafinah Binti Sarbini	Graduated	2015	BAHAN PENGAJARAN MATEMATIK TINGKATAN DUA BERASASKAN PEMBELAJARAN KONTEKSTUAL MENGGUNAKAN GEOMETER'S SKETCHPAD (GSP)	Main supervisor

9.	Suhaili Binti Bohari	Graduated	2015	BAHAN PENGAJARAN MATEMATIK TINGKATAN TIGA BERASASKAN GEOMETER'S SKETCHPAD BERDASARKAN PENDEKATAN KONTEKSTUAL	Main supervisor
10.	Amira Fatiha Binti Baharudin	Graduated	2014	PEMBANGUNAN PERISIAN 'THINKHOTS' BERASASKAN PETA PEMIKIRAN BAGI MENINGKATKAN KEMAHIRAN BERFIKIR ARAS TINGGI	Main supervisor
11.	Rozeela Binti Zakaria	Graduated	2014	PEMBANGUNAN BAHAN PENGAJARAN MATEMATIK TINGKATAN TIGA BERASASKAN PERISIAN GEOMETER'S SKETCHPAD (GSP)	Main supervisor
12.	Nur Farhana Binti Aziz	Graduated	2014	PEMBANGUNAN BAHAN PENGAJARAN MATEMATIK TINGKATAN EMPAT BERASASKAN PERISIAN GEOMETER'S SKETCHPAD (GSP)	Main supervisor
13.	Nor Izzati Binti Mohamad Fairobi	Graduated	2014	PEMBANGUNAN BAHAN PENGAJARAN MATEMATIK TINGKATAN LIMA BERASASKAN PERISIAN GEOMETER'S SKETCHPAD (GSP)	Main supervisor
14.	Saidatuna Miftahul Jannah Binti Azizul	Graduated	2014	PEMBANGUNAN BAHAN PENGAJARAN MATEMATIK TINGKATAN DUA BERASASKAN PERISIAN GEOMETER'S SKETCHPAD (GSP)	Main supervisor
15.	Chiam Yean Jwee	Graduated	2009	PEMBANGUNAN SISTEM E-PEMBELAJARAN BERASASKAN MOODLE UNTUK TOPIK FUNGSI TRIGONOMETRI BERDASARKAN MODEL VAN HIELE	Main supervisor
16.	Nur Abidah Binti Mat Tawil @ Md Murad	Graduated	2009	PEMBANGUNAN BAHAN E-PEMBELAJARAN BAGI TOPIK TRANSFORMATIONS II TINGKATAN TIGA BERASASKAN MOODLE BERPANDUKAN MODEL VAN HIELE	Main supervisor
17.	Fatihah Aimi Binti Mustaffa	Graduated	2009	PEMBANGUNAN SISTEM E-PEMBELAJARAN BAGI TOPIK POLYGONS II BERLANDASKAN MODEL VAN HIELE BERASASKAN PERISIAN MOODLE	Main supervisor
18.	Addeen Shaufee Bin Shamshuddin	Graduated	24 August 2025	PENGINTEGRASIAN KONSEP MATEMATIK DI SEBALIK PERMAINAN TRADISIONAL KE DALAM AKTIVITI ETNOMATEMATIK	Main supervisor
19.	Afiq Naqiuddin Bin Kamaruddin	Graduated	24 August 2025	PEMBANGUNAN AKTIVITI ETNOMATEMATIK BERASASKAN SENI BINA RUMAH LIMAS JOHOR	Main supervisor
20.	Ahmad Adib Bin Rosdi	Graduated	24 August 2025	PEMBANGUNAN AKTIVITI ETNOMATEMATIK BERASASKAN CORAK BATIK TERENGGANU DALAM TOPIK TRANSFORMASI ISOMETRI	Main supervisor
21.	Aina Nurhanis Binti Zulailee	Graduated	24 August 2025	PENGGABUNGJALINAN UNSUR SENI BINA RUMAH MINANGKABAU DENGAN KONSEP GEOMETRI	Main supervisor

22.	Angela Ee Si Jie	Graduated	24 August 2025	INTEGRATING TRADITIONAL CHINESE LANTERNS (TANGLUNG) INTO GEOMETRY ACTIVITIES	Main supervisor
23.	Asma Binti Amal	Graduated	24 August 2025	PENGINTEGRASIAN WAU BULAN DALAM AKTIVITI ETNOMATEMATIK UNTUK KONSEP GEOMETRI	Main supervisor
24.	Nurul Ishami Binti Azman	-	-	PEMBANGUNAN E-MAJALAH MATEMATIK MELALUI WARISAN, SENI BINA DAN BUDAYA NEGERI KEDAH	Main supervisor
25.	Cyra Evisha Sayun	-	-	PEMBANGUNAN E-MAJALAH MATEMATIK BERASASKAN KEUNIKAN WARISAN DAN BUDAYA NEGERI SABAH	Main supervisor
26.	Raihanah Maisarah Binti Roslan	-	-	PEMBANGUNAN E-MAJALAH MATEMATIK BERASASKAN WARISAN BUDAYA JOHOR (JOHO-MATHS) UNTUK PEMBELAJARAN MATEMATIK SEKOLAH MENENGAH	Main supervisor
27.	Nur Nadzliyatul Dania Binti Khirul Annuar	-	-	PEMBANGUNAN E-MAJALAH MATEMATIK MELALUI WARISAN, SENI BINA DAN BUDAYA DI PULAU PINANG	Main supervisor
28.	Nadhiratul Hidayah Binti Abu Bakar	-	-	PEMBANGUNAN E-MAJALAH MATEMATIK MELALUI WARISAN, SENI BINA DAN BUDAYA NEGERI TERENGGANU	Main supervisor
29.	Ting Su Chiong	-	-	DEVELOPMENT AND VALIDATION OF A SARAWAK CULTURE AND HERITAGE-BASED ETHNOMATHEMATICS E-MAGAZINE	Main supervisor

UTM POSTGRADUATE EXAMINATION/ VIVA

Summary	
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Fast track student examiner	4
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PhD Internal Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	Internal Examiner	Zakka Ezekiel	Variables Affecting Performance of Students in Mathematics Trial Examination in Senior Secondary Schools in Bauchi State, Nigeria	2026
2.	Internal Examiner	Sumaiyah Binti Mohd Zaid	Modul Pembelajaran Berasaskan Sains, Teknologi, Kejuruteraan Dan Matematik Dengan Model Inkuiri Dalam Meningkatkan Pencapaian Geometri Murid Tahun Lima	2025
3.	Internal Examiner	Low Suan Ee	Scientific Attitudes and Noble Values in Using Project-Based Forest Module Among Primary Orang Asli Students	2025
4.	Internal Examiner	Muslimah binti Shawan	Keberkesanan Strategi Pembelajaran Penyelesaian Masalah Bukan Rutin Matematik Tambahan Melalui Gabungan Model Polya dan Model Inkuiri Terhadap Kemahiran Proses Penyelesaian Murid Tingkatan Empat	2025
5.	Internal Examiner	He Mengyao	Integrating Sustainable Development Goals Through Problem Based Learning in Enhancing Motivation in Learning Mathematics in Ningbo, China	2025
6.	Internal Examiner	Nurul Anis Syuhada Binti Adnan	Pembentukan Minat dan Efikasi Kendiri Murid dalam Pembelajaran Geometri Menggunakan Teknologi Realiti Terimbuh melalui Pembelajaran Koperatif	2024
7.	Internal Examiner	Nur Izrah Binti Mohd Puzi	Students' Mathematical Competencies in Electromagnetic Field Theory Course	2023
8.	Internal Examiner	Izzah Mardhiya Binti Mohammad Isa	Kerangka Komprehensif Funds of Knowledge Pendidikan Fizik Luar Bandar dari Perspektif Pelajar, Guru dan Ibu Bapa	2023
9.	Internal Examiner	Wan Nurul Aini Binti Wan Yuhaidi	Pembangunan dan Keberkesanan Modul Pembelajaran Asid Bes Berasaskan Projek Memfokuskan Sikap Saintifik	2023
10.	Internal Examiner	Rosmawati Binti Ismail	Pemikiran Statistik Pelajar Sarjana Pendidikan dalam Persekitaran Pembelajaran Teradun	2023
11.	Internal Examiner	Aini Aziziah binti Ramli	Integrasi Pendidikan STEM dan Penghayatan Al-Quran melalui Pembelajran Berasaskan Projek dalam Meningkatkan Pemikiran Kritis	2023

12.	Internal Examiner	Mohd Alfouzi Bin Nasir	Pembinaan Instrumen Pembelajaran Produktif STEM Guru STEM Sekolah Menengah Rendah Zon Selatan Malaysia	2023
13.	Internal Examiner	Chiang Kok Wei	Van Hiele-Oriented Visualisation Learning Activities Using Geometer's Sketchpad to Ease Difficultiesin Learning Circles	2021

MSc. Internal Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	Internal Examiner	Nur Huda binti Mohamed Zain	Kesan Pembelajaran Berbantukan Bahan Manipulatif Terhadap Kesalahan Lazim dan Pencapaian Bagi Ungkapan Algebra	2025
2.	Internal Examiner	Intan Maisara Binti Harun	Pembelajaran Berasaskan Permainan Dalam Persekitaran Pembelajaran Luar Bilik Darjah Terhadap Kemahiran Berfikir Aras Tinggi Dan Motivasi Murid	2023
3.	Internal Examiner	Nurfirzanah Binti Muhamad Fadzil	The Impact Of Thinking Aloud Pair Problem Solving (TAPPS) On Students' Mathematical Problem Solving Behaviour And Achievement	2023
4.	Internal Examiner	Kumaresan A/L Pumalai	Kesediaan Guru Mengintegrasikan Kelestarian Alam Sekitar Dalam Pendidikan Matematik di Sekolah Rendah	2022
5.	Internal Examiner	Zuraini Mustaffa	Modul Latihan Guru Bagi Pengembangan Nilai Dalam Pendidikan Matematik	2021
6.	Internal Examiner	Pua Yoke Ching	Tahap Kefahaman dan Pelaksanaan Pendidikan STEM Bersepadu Serta Cabaran yang Dihadapi oleh Guru Kimia di Johor Bahru	2021
7.	Internal Examiner	Nurul Huda Abdul Wahab	Kesan Penggunaan Perisian Scratch Terhadap Pemikiran Komputasional Dan Keupayaan Penyelesaian Masalah Poligon	2020
8.	Internal Examiner	Mohamad Ariffin Abu Bakar	Pembangunan dan Penilaian Keberkesanan Modul Regulasi Metakognitif bagi Pembelajaran Matematik Sekolah Menengah	2020
9.	Internal Examiner	Hassan Aliyu	Development of Integrated Framework of Inquiry-Based and Computer-Assisted Learning for Chemistry Teachers in Sokoto City	2018
10.	Internal Examiner	Aliyu Garba	Teachers' and Classmates' Contribution Towards Mathematics Anxiety in a Secondary School of Sokoto State, Nigeria	2018
11.	Internal Examiner	Yip Lai Fong	Effect of PRO-ICO module on students' Understanding of Chemical Bonding via STEM-5E Learning Cycle	2018
12.	Internal Examiner	Nurhasyimah Ismail	Model Kurikulum Sains Berasaskan Karakter Nobel Saintis Muda Islam Masa Hadapan	2016

Fast track student examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	Examiner	Siti Nur Fatin Hakimah Ibnuzaman	Development and Evaluation of The Needvichem Module: Integrating Needham's Five Phases, Tasker's Vischem Learning Design, and Augmented Reality to Address Misconceptions and Enhance Visualization in Ionic and Covalent Bonding	2025
2.	Examiner	Hoo Xin Ting	Funds of Knowledge, Self-Efficacy, and Content Mastery In Teaching Force And Motion Among Preservice Physics Teachers	2025
3.	Examiner	Nurul Rabiatul Adawiyah Binti Suhaimee	Model Pengajaran Penyelesaian Masalah Berintegrasikan Kaedah Pembelajaran Inkuiri Dan Pendekatan Terarah Kendiri Bagi Guru Matematik Sekolah Menengah	2025
4.	Examiner	Nurul Hazreen Binti Hanafi	Model Pengajaran Kreatif Matematik Berasaskan Pembelajaran Projek Dan M-Pembelajaran Di Peringkat Sekolah Menengah	2025

EXTERNAL EXAMINATION/ VIVA

Summary	
PhD. External Examiner	23
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PhD External Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	External Examiner	Zhang Zhe (UKM)	The Development and Evaluation of English Reading Assessment in Chinese Higher Learning Institution	2026
2.	External Examiner	Nasir Ahmad Saleh Aldiabat (USM)	Effects of van Hiele's Phase-Based Instructional Strategy and Gender on Geometric Thinking and Attitude Towards Geometry among Tenth-Grade Students in the United Arab Emirates	2026
3.	External Examiner	Teh Liang Jing (UPM)	Effect of Multimodality in Hyflex Learning on Student Teachers' Academic Performance and Learning Interest at a Public University in Malaysia	2026
4.	External Examiner	Zhou Linjuan (UCSI University)	The Mediating Role of Self-Efficacy on The Relationship Between Family Factors and Study Weariness Among Middle School Students	2026
5.	External Examiner	Nur Raidah Binti Salim (UPM)	Mathematical Thinking And Attitude Mediate The Relationship Between Mathematics Efficacy, Belief In Mathematics	2025

			Competency, And Cybersecurity Awareness Among Students In Higher Education	
6.	External Examiner	Foo Jing Yao (UPSI)	Pembangunan dan Kesan Penggunaan Modul Latihan Ungkapan Algebra Tingkatan Satu	2025
7.	External Examiner	Zhang Meirong (UCSI University)	High School Students' Growth Mindset and Mathematics Achievement : The Mediating Effects of Mathematical Resilience and Anxiety	2025
8.	External Examiner	Lee Yean Pin (OUM)	Pengajaran Dan Pembelajaran Guru Pemulihan Matematik Di Kawasan Pending Dalam Membantu Penguasaan Operasi Bahagi Murid Tahun Empat	2025
9.	External Examiner	Mausooma Mohamed (UPM)	Factors Influencing Usage Behavior in Mathematics Personalized Learning: Moodle – Learning Management System (LMS) Among Pre-University Students in The Maldives	2025
10.	External Examiner	Teh Guan Leong (UPSI)	Pembangunan dan Keberkesanan Modul Conproret-A bagi Pengekalan Pengetahuan Konseptual dan Prosedural Algebra Murid Tingkatan 1	2025
11.	External Examiner	Azlina Binti Amat Yasin (UPSI)	Pembangunan Model Asas Pengajaran Berdasarkan Nilai Akhlak dalam STEM Subjek Matematik di Sekolah Rendah	2024
12.	External Examiner	Mohamad Basri Bin Nadzeri (USM)	Pembangunan dan Penilaian Aplikasi Pembelajaran Geometri Realiti Terimbuh (LearnGeoAR) terhadap Keupayaan Visualisasi Ruang dan Pencapaian Tajuk Ruang dalam Kalangan Murid Tahun Dua	2024
13.	External Examiner	Darmaraj A/L Sakaria (UKM)	Hubungan Berstruktur Antara Pembangunan Profesional, Pengintegrasian Teknologi, Efikasi Kendiri Dengan Ppik Algebra Dalam Kalangan Guru Matematik Sekolah Menengah	2024
14.	External Examiner	Shivaraj A/L Subramaniam (UKM)	Pembangunan Dan Penilaian Modul Pematik Berasaskan Pemikiran Komputasional Dalam Penyelesaian Masalah Matematik Topik Pengukuran	2024
15.	External Examiner	Khotimah Rita Pramujiyanti (UPSI)	The Development and Effectiveness of STEM-Discovery Learning (STEMDISLEARN) Module on the Achievement, Critical Thinking and Collaboration Skills in Differential Equations	2023
16.	External Examiner	Mohamad Nurizwan Bin Jumiran (UPSI)	Reka Bentuk dan Pembangunan Model Pengajaran R-STEM Berasaskan Projek untuk Matematik Sekolah Rendah.	2023
17.	External Examiner	Almijlad Aliyah Kayyad H (UPM)	Exploring Blackboard Learning System Potential on Cognitive Communication	2023

			Among Male Lecturers and Female Students in Saudi Arabia	
18.	External Examiner	Mohd Shahridwan Bin Ramli (UPM)	Development And The Effectiveness Of I-Promaths Module On Matriculation Students Mathematics Achievement, Thinking Skills, Motivation And Engagement In Calculus	2023
19.	External Examiner	Pahwazull Khair Bin Shafie (USM)	Pembangunan Modul Pengajaran dan Pembelajaran Topikal Berpola (Topo) dan Kesannya Ke Atas Pencapaian Serta Sikap Pelajar Tingkatan 4 Terhadap Tajuk Kebarangkalian Peristiwa Bergabung	2023
20.	External Examiner	Hafeezuddin Khattak (Abdul Wali Khan University Mardan Pakistan)	Effects of Parental Engagement in Transition to school on Students Performance in Khyber Pakhtunkhwa	2023
21.	External Examiner	Mohamad Tahar bin Mohamad Amirnudin (USM)	Pembangunan dan Penilaian Keberkesanan Modul DisneyNLP dalam Meningkatkan KBAT dan Mengurangkan Kebimbangan bagi Pengajaran Topik Berkaitan Kebarangkalian di Kalangan Pelajar Matrikulasi	2022
22.	External Examiner	Wanda Nugroho Yanuarto (UKM)	Hubungan Antara Kepercayaan, Kerisauan, Dan Pengetahuan Teknologi Pedagogi Kandungan Terhadap Literasi ICT Guru Matematik Sekolah Menengah Di Wilayah Banyumas, Indonesia	2021
23.	External Examiner	Martina Maamin (UKM)	Pengaruh Kualiti Guru, Status Sosioekonomi Keluarga Dan Penglibatan Murid Terhadap Pencapaian Matematik Murid Sekolah Menengah	2021

MSc. External Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	External Examiner	Gao Fanjie (UCSI University)	The L2 Motivational Factors of University ESP Learner in China: A Quantitative Study of Medical English Learner	2026
2.	External Examiner	Liu Min (UCSI University)	The Impact of Teacher Emotional Intelligence on Professional Burnout and Transformational Leadership of High School Teachers in Shijiazhuang City, Hebei Province, China	2026
3.	External Examiner	Zhong Jing (UCSI University)	Attitudes of Chinese Postgraduate Students Toward Cooperative Learning in a University Course: A Case Study	2025
4.	External Examiner	Ng Chee Hoe (UPSI)	Keberkesanan Penggunaan Modul STEM Pembelajaran Inkuiri Berasaskan Projek Terhadap Kesedaran Kefahaman, Minat, Sikap dan Kemahiran Penyelesaian Masalah Tahun Satu dalam Topik Ruang	2020

PhD. Proposal External Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	External Examiner	Mohammad Hendra bin Che Morad (UIA)	The Exploration of Anticipatory Thinking Among Secondary School Students: A Case Study of Selected Schools in Klang Valley, Malaysia	2025
2.	External Examiner	Mohd Faizal Bin Wahidin (Universiti Islam Selangor)	Pembinaan Kerangka Modul Matematik Kurikulum Standard Sekolah Menengah Berintergrasikan Sejarah	2025
3.	External Examiner	Hasniza Ibrahim (UIA)	A Constructiveness Framework for Form One Students' Algebraic Thinking	2019

PROGRAM AUDITOR/ EXAMINER

NO	ROLE	DATE	LOCATION
1.	Penasihat Luar (Akademik) Universiti Pendidikan Sultan Idris	10/01/2025 – 6/03/2025	Universiti Pendidikan Sultan Idris (UPSI)
2.	Ahli Panel Penilai (Luar) Audit Akreditasi Penuh Program Akademik (Deemed Accredited) Di Pusat Pengajian Ilmu Pendidikan Universiti Sains Malaysia	12/01/2023 – 30/04/2023	Universiti Sains Malaysia (USM)
3.	Penilai Luar Program Ijazah Sarjana Muda Pendidikan (Matematik) dengan Kepujian, Universiti Pendidikan Sultan Idris	10/01/2022 – 17/02/2022	Universiti Pendidikan Sultan Idris (UPSI)
4.	Pemeriksa Luar Program Ijazah Sarjana Muda Perguruan (PISMP) Sesi Jan – Mei 2019 IPG Teknik, Nilai	22/01/2019 – 24/01/2019	IPG Teknik, Nilai
5.	Pemeriksa Luar Program Ijazah Sarjana Muda Perguruan (PISMP) Sesi Jun – November 2019 IPG Kent, Tuaran Sabah	21/10/2019 – 23/10/2019	IPG Kent, Tuaran Sabah
6.	Pemeriksa Luar Program Diploma Pendidikan Lepas Ijazah (PDPLI) Sesi Jan – Disember 2018 IPGK Tengku Ampuan Afzan, Kuala Lipis	16/01/2019 – 18/01/2019	IPGK Tengku Ampuan Afzan, Kuala Lipis
7.	Pemeriksa Luar Bagi Program Ijazah Sarjana Muda Perguruan (PISMP) Sesi Jan-Jun 2018 dan Sesi Julai-Oktober 2018 di IPGK Pulau Pinang	02/10/2018 – 04/10/2018	IPGK Pulau Pinang

PUBLICATIONS

Summary	
ISI Article/Journal	35
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Non-Indexed Article/Journal	36
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ISI Article/Journal

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol	Issue	Page	Publication year	IF	Type of Publication	Category of Publication	Quartile Ranking
1.	Enhancing Students' Critical Thinking Through Mathematics in Higher Education: A Systemic Review	SAGE OPEN	2158-2440	14	3	1-15	2024	2.0	Publication in Web of Science	Article/ Review	1
2.	Does the use of smart board increase students' higher order thinking skills (HOTS)?	IEEE ACCESS	2169-3536	9	2020	1833 – 1854	2020	3.745	Publication in Web of Science	Article/ Review	1
3.	The effects of an inductive reasoning learning strategy assisted by the GeoGebra software on students' motivation for the functional graph II topic.	IEEE ACCESS	2169-3536	8	2020	143848-143861	2020	3.745	Publication in Web of Science	Article/ Review	1
4.	DOES Sketchup Make Improve Students' Visual-Spatial Skills?	IEEE ACCESS	2169-3536	10	2022	13936-13953	2022	3.367	Publication in Web of Science	Article/ Review	2
5.	Relationship between Self-Concept, Emotional Intelligence and Problem-Solving Skills on Secondary School Students' Attitude towards Solving Algebraic Problems.	SUSTAINABILITY	2071-1050	14	21	1-22	2022	3.889	Publication in Web of Science	Article/ Review	2
6.	Principals' views on continuing professional development programmes: Evidence from Malaysia	EDUCATIONAL MANAGEMENT ADMINISTRATION & LEADERSHIP	1741-1432	51	2	440-480	2023	2.569	Publication in Web of Science	Article/ Review	2

7.	The Potential of Big Data Application in Mathematics Education in Malaysia.	SUSTAINABILITY	2071-1050	14	21	13725	2022	3.889	Publication in Web of Science	Article/ Review	2
8.	The effectiveness of a technology-based isometrical transformation flipped classroom learning strategy in improving students' higher order thinking skills.	IEEE ACCESS	2169-3536	11		4155-4172	2023	3.476	Publication in Web of Science	Article/ Review	2
9.	A systematic review of what Malaysia can learn to improve Orang asli students' mathematics learning from other countries.	SUSTAINABILITY	2071-1050	14	20	13201	2022	3.889	Publication in Web of Science	Article/ Review	2
10.	Mathematics teachers' level of knowledge and practice on the implementation of higher-order thinking skills (HOTS)	EURASIA JOURNAL OF MATHEMATICS, SCIENCE AND TECHNOLOGY EDUCATION	1305-8223	13	1	3-17	2017	0.72	Publication in Web of Science	Article/ Review	3
11.	Failure in Constructing the Mathematical Model in Real-World Problems	TECHNOLOGY, EDUCATION, MANAGEMENT, INFORMATICS (TEM) JOURNAL	22178309	13	4	3335 - 3345	2024	0.6	Publication in Web of Science	Article/ Review	4
12.	Emerging patterns and problems of higher-order thinking skills (HOTS) mathematical problem-solving in the Form-three assessment (PT3)	SOUTH AFRICAN JOURNAL OF EDUCATION	0256-0100	39	2	1-18	2019	0.693	Publication in Web of Science	Article/ Review	4

13.	Initial challenges and possible useful countering strategies: Perspectives from Malaysian novice principals.	SAGE OPEN	2158-2440	11	1	1-16	2021	0.715	Publication in Web of Science	Article/ Review	4
14.	Technical college teachers sharing their knowledge: does leadership, institutional factors or barriers predict their practices?.	EDUCATIONAL STUDIES	1465-3400	42	5	465-492	2016	0.5	Publication in Web of Science	Article/ Review	4
15.	Enhancing Undergraduates' Creative Thinking through Mathematics Courses: A Systematic Literature Review	INTERNATIONAL JOURNAL OF INSTRUCTION	22528822	18	4	39-56	2025	0.86	Publication in Web of Science	Article/ Review	No Quartile
16.	Visualisation Analysis of Project Based Learning in Mathematics Education: A Bibliometric Study	JOURNAL OF QUALITY MEASUREMENT AND ANALYSIS	2600-8602	21	1	21-41	2025	-	Publication in Web of Science	Article/ Review	No Quartile
17.	Flipped Classrooms in Higher Education: A Meta-Analysis of Their Impact on Mathematics Performance	MALAYSIAN JOURNAL OF MATHEMATICAL SCIENCES	1823-8343	19	1	125–146	2025	0.5	Publication in Web of Science	Article/ Review	No Quartile
18.	The Impact of M-learning and Problem-Based Learning Teaching Method on Students Motivation and Academic Performance	INTERNATIONAL JOURNAL OF INSTRUCTION	22528822	18	1	503-518	2025	0.86	Publication in Web of Science	Article/ Review	No Quartile
19.	Heutagogy in Action: Empowering Mathematics Teachers Through Innovative Pedagogical Approaches	INTERNATIONAL JOURNAL OF INSTRUCTION	22528822	17	4	135-148	2024	0.86	Publication in Web of Science	Article/ Review	No Quartile

20.	Web-Based Window Shopping: A Learning Model in High School's Mathematics Curriculum	TECHNOLOGY, EDUCATION, MANAGEMENT, INFORMATICS (TEM) JOURNAL	2217-8309	13	1	213-220	2024	-	Publication in Web of Science	Article/ Review	No Quartile
21.	Enhancing students' level of geometric thinking through van hiele's phase-based learning	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	0974-6846	6	5	4432-4446	2013	-	Publication in Web of Science	Article/ Review	No Quartile
22.	The effects of van hiele's phase-based instruction using the geometer's sketchpad (GSP) on students' levels of geometric thinking	RESEARCH JOURNAL OF APPLIED SCIENCES, ENGINEERING AND TECHNOLOGY	2040-7459	5	5	1652-1660	2013	-	Publication in Web of Science	Article/ Review	No Quartile
23.	Readiness in implementing teacher training programmes based on industrial revolution 4.0: Evidence from Malaysian public universities	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	1823-4690	13		42-48	2018	-	Publication in Web of Science	Article/ Review	No Quartile
24.	Math-related critical thinking theory in civil engineering design	PERTANIKA JOURNAL OF SOCIAL SCIENCES AND HUMANITIES	22318534	27	2	899-913	2019	-	Publication in Web of Science	Article/ Review	No Quartile
25.	Application of Augmented Reality Learning Environment in Enhancing Students' Mental Cutting Skills and Mental Folding Skills	ADVANCED SCIENCE LETTERS	19366612	24	5	3701-3704	2018	-	Publication in Web of Science	Article/ Review	No Quartile

26.	Enhancing students' higher-order thinking skills (HOTS) through an inductive reasoning strategy using GeoGebra	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES IN LEARNING (IJET)	18688 799	15	3	156-179	2020	-	Publication in Web of Science	Article/ Review	No Quartile
27.	The use of video project assignment (VPA) to enhance students' achievement in communicative English subject	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES IN LEARNING (IJET)	1863-0383	16	24	1-14	2021	-	Publication in Web of Science	Article/ Review	No Quartile
28.	The Effects of Learning Strategy for 3-Dimensional Geometry Using "SketchUp Make" on Students' Geometry Thinking	ADVANCED SCIENCE LETTERS	19366 612	24	6	4058-4062	2018	-	Publication in Web of Science	Article/ Review	No Quartile
29.	Impact of service learning from the perspectives of UTM undergraduate and postgraduate students	ADVANCED SCIENCE LETTERS	19366 612	24	1	12-14	2018	-	Publication in Web of Science	Article/ Review	No Quartile
30.	The influence of e-learning towards metacognitive enhancement in mathematical problem solving	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES IN LEARNING (IJET)	18630 383	14	20	165-173	2019	-	Publication in Web of Science	Article/ Review	No Quartile
31.	Malaysian Teachers' Selection of Heuristics in Teaching Mathematics	ADVANCED SCIENCE LETTERS	19366 612	24	4	2218-2220	2018	-	Publication in Web of Science	Article/ Review	No Quartile

32.	The pattern of physics problem solving between more successful and less successful from Metacognitive perspective	ADVANCED SCIENCE LETTERS	19367317	24	11	8476-8479	2018	-	Publication in Web of Science	Article/ Review	No Quartile
33.	The Effectiveness of Infusion of Metacognition in van Hiele Model on Secondary School Students' Geometry Thinking Level	INTERNATIONAL JOURNAL OF INSTRUCTION	1308-1470	14	3	535-546	2021	-	Publication in Web of Science	Article/ Review	No Quartile
34.	Facebook as a Platform of Social Interactions for Meaningful Learning	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES IN LEARNING (IJET)	18630383	14	4	151-159	2019	-	Publication in Web of Science	Article/ Review	No Quartile

Scopus Article/Journal

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol	Issues	Page	Publication year	Type of Publication	Category of Publication
1.	Students' perceptions of mathematics collaborative problem-solving session (MCPSS) at the foundation level	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION	22528822	15	3	2326 - 2337	2026	Publication in Scopus	Article/ Review
2.	Examining mathematics teachers' perceptions of concept mapping to facilitate meaningful learning	INFINITY JOURNAL	20896867	15	2	439 - 462	2026	Publication in Scopus	Article/ Review
3.	Attitude towards learning school geometry: an exploratory and	JOURNAL OF EDUCATION AND LEARNING (EDULEARN)	2302-9277	20	1	448-455	2026	Publication in Scopus	Article/ Review

	confirmatory factor analysis in the Nigerian context								
4.	Parental involvement in monitoring foundation students' online learning in Malaysia	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION	2252-8822	14	4	2666-2675	2025	Publication in Scopus	Article/ Review
5.	The Impact of Ethnomathematics Activities Using Zapin and Kuda Dances on Students' Academic Achievement and Appreciation of Isometric Transformations	MATHEMATICS EDUCATION JOURNAL	2549-1040	19	2	299–322	2025	Publication in Scopus	Article/ Review
6.	Project-based environmental module for indigenous students in Malaysia	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION	2252-8822	14	3	2042-2050	2025	Publication in Scopus	Article/ Review
7.	Empowering STEM education through the role of principals: a systematic literature review	JOURNAL OF EDUCATION AND LEARNING (EDULEARN)	2089-9823	19	1	570-578	2025	Publication in Scopus	Article/ Review
8.	Understanding the challenges faced by Orang Asli students in solving mathematics problems	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION	2252-8822	14	2	938-946	2025	Publication in Scopus	Article/ Review
9.	Validity of instrument to measure mathematics teachers' perceptions towards 4C skills in problem solving	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION	2252-8822	13	5	3435 – 3442	2024	Publication in Scopus	Article/ Review
10.	Unlocking mathematics' power: interpreting content and context within word problems	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION	2252-8822	13	4	2288 – 2295	2024	Publication in Scopus	Article/ Review
11.	Unlocking the Future: Mathematics Teachers' Insight into Combination of M-learning with Problem-Based Learning Teaching Activities	MATHEMATICS TEACHING-RESEARCH JOURNAL	196 – 216	16	3	2573-4377	2024	Publication in Scopus	Article/ Review

12.	The Effectiveness of the GeoGebra-Assisted Inquiry- Discovery Learning Strategy on Students' Mastery and Interest in Algebraic Expressions	INTERNATIONAL JOURNAL OF INFORMATION AND EDUCATION TECHNOLOGY	2010-3689	13	11	1681-1695	2023	Publication in Scopus	Article/ Review
13.	Design and development of critical thinking learning strategy in integral calculus	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION (IJERE)	2252-8822	12	1	284-291	2023	Publication in Scopus	Article/ Review
14.	MC-COMET3 as a learning strategy to develop students' number sense: a theoretical framework	INTERNATIONAL JOURNAL OF PUBLIC SECTOR PERFORMANCE MANAGEMENT	1741-1041	10	2-3	408 – 421	2022	Publication in Scopus	Article/ Review
15.	Polytechnic students' mathematical thinking processes in linear algebra: A qualitative approach	UNIVERSAL JOURNAL OF EDUCATIONAL RESEARCH	23323205	8	9	3946-3957	2020	Publication in Scopus	Article/ Review
16.	A comparative study of mathematics assessment practices between Malaysian and South Korean secondary schools mathematics teachers	UNIVERSAL JOURNAL OF EDUCATIONAL RESEARCH	23323205	8	11	5015-5035	2020	Publication in Scopus	Article/ Review
17.	Pupil's behaviour pattern and non-routine mathematical problem-solving strategy based on multiple intelligences	JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEMS	19430 23X	12	3	466-485	2020	Publication in Scopus	Article/ Review
18.	Using active learning with smart board to enhance primary school students' higher order thinking skills in data handling	UNIVERSAL JOURNAL OF EDUCATIONAL RESEARCH	23323205	8	10	4421-4432	2020	Publication in Scopus	Article/ Review
19.	A Comparative Study of Quadrilaterals Topic Content in	JOURNAL ON MATHEMATICS EDUCATION	20878885	10	3	315-340	2019	Publication in Scopus	Article/ Review

	Mathematics Textbooks Between Malaysia and South Korea								
20.	How do Malaysian and South Korean mathematics teachers encourage collaboration among students in mathematics classroom?	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING	22773878	8	1C2	603-609	2019	Publication in Scopus	Article/ Review
21.	Using Cooperative Learning to Overcome Students' Misconceptions about Fractions	NEUROQUANTOLOGY	13035150	16	11	79-92	2018	Publication in Scopus	Article/ Review
22.	Metacognitive Behaviour of Malaysian Students While Solving Mathematical Problems of Form Three Assessment (PT3)	BOLEMA – MATHEMATICS EDUCATION BULLETIN	01036 36X	31	59	907-927	2017	Publication in Scopus	Article/ Review
23.	Metacognitive Skills of Malaysian Students in Non-Routine Mathematical Problem Solving	BOLEMA – MATHEMATICS EDUCATION BULLETIN	01036 36X	31	57	310-322	2017	Publication in Scopus	Article/ Review
24.	Relationship Between Emotional Intelligence and Level of Ability of Non-Routine Problem-Solving	MAN IN INDIA	25156 9	97	19	129-139	2017	Publication in Scopus	Article/ Review
25.	Analysis of Students' Errors in Solving Higher Order Thinking Skills (HOTS) Problems for The Topic of Fraction	ASIAN SOCIAL SCIENCES	19112017	11	21	133-142	2015	Publication in Scopus	Article/ Review
26.	The development of MyGSP: an online resource for teaching mathematics based on Geometer's Sketchpad (GSP)	ASIAN SOCIAL SCIENCES	19112017	10	22	227-240	2014	Publication in Scopus	Article/ Review

27.	The Activities Based on Van Hiele's Phase-Based Learning: Experts' and Preservice Teachers' Views	JOURNAL OF MATHEMATICS AND STATISTICS	15493644	8	3	385-395	2012	Publication in Scopus	Article/ Review
28.	Students' Perceptions Towards The van Hiele's Phases of Learning Geometry Using Geometer's Sketchpad Software	AUSTRALIAN JOURNAL OF BASIC AND APPLIED SCIENCES	1991-8178	5	7	787-792	2011	Publication in Scopus	Article/ Review
29.	Characteristics of Differentiated Mathematical Creative Models in Problem-Solving Activities: Case of Middle School Students	MATHEMATICS TEACHING-RESEARCH JOURNAL	2573-4377	15	5	157-176	2023	Publication in Scopus	Article/ Review
30.	Facilitating Undergraduate Students' Productive Disciplinary Engagement Through Model-Eliciting Activities (MEA)	JOURNAL OF HIGHER EDUCATION THEORY AND PRACTICE	21583595	23	10	17-31	2023	Publication in Scopus	Article/ Review
31.	Rethinking strategy on developing students' levels of geometric thinking in Sokoto state, Nigeria	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION (IJERE)	2252-8822	12	1	444-450	2023	Publication in Scopus	Article/ Review
32.	Basic Refinery Training Courseware in Enhancing Technical Employees' Visualization Skills	INTERNATIONAL JOURNAL OF INTERACTIVE MOBILE TECHNOLOGIES (IJIM)	1865-7923	15	23	45–56	2021	Publication in Scopus	Article/ Review
33.	WhatsApp and Its Potential to Develop Communication Skills among University Students	INTERNATIONAL JOURNAL OF INTERACTIVE MOBILE TECHNOLOGIES (IJIM)	1865-7923	15	23	57–71	2021	Publication in Scopus	Article/ Review
34.	Mathematics Trainer Readiness for PAK-21 Integration in Mathematics Teaching and Learning	REVIEW OF INTERNATIONAL GEOGRAPHICAL EDUCATION ONLINE	21460353	11	4	891-896	2021	Publication in Scopus	Article/ Review
35.	5 Years into Augmented Reality Technology in Education: Research Trends, Bibliometric Study and its	WSEAS TRANSACTIONS ON SYSTEMS AND CONTROL	1991-8763	16		253-260	2021	Publication in Scopus	Article/ Review

	Application to Enhance Visualization Skills								
36.	Improving polytechnic students' high-order- thinking-skills through inquiry-based learning in mathematics classroom	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION (IJERE)	22528822	10	3	976–983	2021	Publication in Scopus	Article/ Review
37.	Reviewing the Van Hiele model and the application of metacognition on geometric thinking	INTERNATIONAL JOURNAL OF EVALUATION AND RESEARCH IN EDUCATION (IJERE)	22528822	10	2	597-605	2021	Publication in Scopus	Article/ Review
38.	The production of the English stop voicing contrast by Arab L2 speakers of English	INDONESIAN JOURNAL OF APPLIED LINGUISTICS	23019468	10	2	434-444	2020	Publication in Scopus	Article/ Review
39.	Preparing student teachers to teach mathematics with GeoGebra	UNIVERSAL JOURNAL OF EDUCATIONAL RESEARCH	23323205	8	5	29-33	2020	Publication in Scopus	Article/ Review
40.	Effects of VH-iSTEM Learning Strategy on Basic Secondary School Students' Degree of Acquisition of van Hiele Levels of Thinking in Sokoto State, Nigeria	UNIVERSAL JOURNAL OF EDUCATIONAL RESEARCH	23323205	8	9	4213-4223	2020	Publication in Scopus	Article/ Review
41.	Design and development of linear algebra peer tutoring strategy to develop students mathematical thinking processes based on experts' evaluation	UNIVERSAL JOURNAL OF EDUCATIONAL RESEARCH	23323205	8	8	3592-3607	2020	Publication in Scopus	Article/ Review
42.	A systematic review on the impact of peer tutoring strategy in linear algebra among polytechnic students	JOURNAL OF CRITICAL REVIEWS	23945125	6	5	298-305	2020	Publication in Scopus	Article/ Review

43.	Developing mathematical thinking among polytechnic students in linear algebra through peer tutoring strategy	JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEMS	19430 23X	12	3	423-434	2020	Publication in Scopus	Article/ Review
44.	Effect of peer tutoring strategy on students academic performance in a polytechnic linear algebra classroom	JOURNAL OF ADVANCED RESEARCH IN DYNAMICAL AND CONTROL SYSTEMS	19430 23X	12	3	415-422	2020	Publication in Scopus	Article/ Review
45.	Need-analysis of interactive games of reading literacy for slow learners	UNIVERSAL JOURNAL OF EDUCATIONAL RESEARCH	23323 205	7	12°	101-108	2019	Publication in Scopus	Article/ Review
46.	Students' perceptions of the use of asynchronous discussion forums, quizzes, and uploaded resources	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING (IJRTE)	22773 878	8	Special Issue 9	704-708	2019	Publication in Scopus	Article/ Review
47.	Technical and implementation issues in reading literacy interactive games	INTERNATIONAL JOURNAL OF ENGINEERING AND ADVANCED TECHNOLOGY	22498 958	8	5	1154-1158	2019	Publication in Scopus	Article/ Review
48.	Impact of infusing truth-seeking and open-minded behaviors on mathematical problem-solving	JOURNAL FOR THE EDUCATION OF GIFTED YOUNG SCIENTISTS	21493 60X	7	4	1019-1036	2019	Publication in Scopus	Article/ Review
49.	Investigating Newman's Error in Integral Calculus	INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND EXPLORING ENGINEERING	22783 075	8	6	1114-1117	2019	Publication in Scopus	Article/ Review
50.	The Effect of Metacognitive Scaffolding Framework Towards Students' Performance	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING	22773 878	7	6	1584-1593	2019	Publication in Scopus	Article/ Review
51.	Chem-a Module Based on STEM Approach in Chemical Bond	INTERNATIONAL JOURNAL OF RECENT TECHNOLOGY AND ENGINEERING (IJRTE)	22773 878	7	6S5	700-710	2019	Publication in Scopus	Article/ Review

52.	Facebook as a Platform of Social Interactions for Meaningful Learning	INTERNATIONAL JOURNAL OF EMERGING TECHNOLOGIES IN LEARNING	18630383	14	4	151-159.	2019	Publication in Scopus	Article/ Review
53.	Assessing critical thinking skills in polytechnic	INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)	22275 24X	8	2 Special Issue 9	628-633	2019	Publication in Scopus	Article/ Review
54.	Active Learning Using Digital Smart Board to Enhance Primary School Students' Learning	INTERNATIONAL JOURNAL OF INTERACTIVE MOBILE TECHNOLOGIES	18657923	13	7	4-16	2019	Publication in Scopus	Article/ Review
55.	Using Digital Smart Board to Overcome Higher Order Thinking Skills Learning Difficulties in Data Handling among Primary School Students	INTERNATIONAL JOURNAL OF INTERACTIVE MOBILE TECHNOLOGIES	18657923	12	7	43-59	2018	Publication in Scopus	Article/ Review
56.	Critical Thinking Dispositions Among Polytechnic Students: Why Does It Matter?	INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)	22275 24X	7	3	357-361	2018	Publication in Scopus	Article/ Review
57.	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	01036 36X	31	58	819-840	2017	Publication in Scopus	Article/ Review
58.	Mathematics Learning Activities Based on Thinking Maps for Forms One and Two	MAN IN INDIA	25156 9	97	17	79-93	2017	Publication in Scopus	Article/ Review
59.	The Rasch Analysis of Mathematics Teachers' Practices on Teaching Thinking Skills	MAN IN INDIA	25156 9	97	19	141-152	2017	Publication in Scopus	Article/ Review

60.	Satisfaction in Blended Learning Among Polytechnic Students	MAN IN INDIA	25156 9	97	13	217-226	2017	Publication in Scopus	Article/ Review
61.	A Review Research on Infusion Approach in Teaching Thinking: Advantages and Impacts	MAN IN INDIA	25156 9	97	12	289-298	2017	Publication in Scopus	Article/ Review
62.	Difficulties in Reasoning Among High Achievers When Doing Problem Solving in Mathematics	MAN IN INDIA	25156 9	97	12	61-70	2017	Publication in Scopus	Article/ Review
63.	Thinking Blocks: Solving Fraction Problems Involving Higher Order Thinking Skills	MAN IN INDIA	25156 9	97	17	121-132	2017	Publication in Scopus	Article/ Review
64.	Newman Error Analysis on Evaluating and Creating Thinking Skills	MAN IN INDIA	25156 9	97	19	413-427	2017	Publication in Scopus	Article/ Review
65.	Extent of Teacher Questioning to Promote Reasoning During Problem Solving in High Achieving Mathematics Classrooms	ADVANCED SCIENCE LETTERS	19366 612	23	8	7438-7441	2017	Publication in Scopus	Article/ Review
66.	A Comparison Between Virtual and Physical Manipulatives in Geometry Learning for Standard 2 Mathematics	MAN IN INDIA	25156 9	97	17	235-247	2017	Publication in Scopus	Article/ Review
67.	Inculcating Higher-Order Thinking Skills in Mathematics: Why Is It So Hard?	MAN IN INDIA	25156 9	97	13	51-62	2017	Publication in Scopus	Article/ Review
68.	Problem Solving, Based on Metacognitive Learning Activities, To Improve Mathematical Reasoning Skills of Students	MAN IN INDIA	25156 9	97	12	213-220	2017	Publication in Scopus	Article/ Review

69.	Improving The Reasoning Skills of Students to Overcome Learning Difficulties in Additional Mathematics	MAN IN INDIA	251569	97	17	41-52	2017	Publication in Scopus	Article/ Review
70.	A Review on Augmented Reality Application in Engineering Drawing Classrooms	MAN IN INDIA	251569	97	19	195-204	2017	Publication in Scopus	Article/ Review
71.	Understanding of STEM Education Among Chemistry Teachers in District of Melaka Tengah.	MAN IN INDIA	251569	97	12	101-108	2017	Publication in Scopus	Article/ Review
72.	The Differences in Solutions to Context Rich Physics Problems Between More and Less Successful Students	MAN IN INDIA	251569	97	17	171-184	2017	Publication in Scopus	Article/ Review
73.	Developing A Scientific Creativity Through The Story Telling Technique During The Learning of Chemistry	MAN IN INDIA	251569	97	17	25-40	2017	Publication in Scopus	Article/ Review
74.	Students' Perceptions on Teaching AIDS with Different Learning Styles: Visual, Auditory and Kinaesthetic	MAN IN INDIA	251569	97	17	53-62.	2017	Publication in Scopus	Article/ Review
75.	The Effects of Cooperative Learning Activities in Blossoms Lesson Towards Students' Achievement in Learning Chemistry	MAN IN INDIA	251569	97	19	323-329	2017	Publication in Scopus	Article/ Review
76.	A Case Study on Visual Spatial Skills and Level of Geometric Thinking in Learning 3D Geometry Among High Achievers	MAN IN INDIA	251569	962	1-2	489-499	2016	Publication in Scopus	Article/ Review

ERA Article/Journal

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol.	Issues	Page	Publication year	Type of Publication	Category of Publication
1.	Problem-Solving in Pythagorean Theorem Instruction: Comparing Cognitive Demands in Chinese and Malaysian Textbooks	INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT	2226-6348	15	6	352-369	2025	Excellent in Research For Australia (ERA)	Article/ Review
2.	Cultural Power and Silence: A Postcolonial Analysis of the Circle and Pi in Chinese and Malaysian Mathematics Textbooks	INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT	2226-6348	15	6	370-384	2025	Excellent in Research For Australia (ERA)	Article/ Review
3.	Assessment of Quillbot Tool in English Education amongst Students in UAE Higher Education	INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT	2226-6348	14	1	496-508	2025	Excellent in Research For Australia (ERA)	Article/ Review
4.	The Impact of Integration of AI in Statistics Learning on Student Motivation and Learning Engagement in Higher Education Sector	INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT	2226-6348	14	1	426-436	2025	Excellent in Research For Australia (ERA)	Article/ Review
5.	Exploring The Roots Of Poor Mathematics Performance: A Stakeholder Perspective	INTERNATIONAL JOURNAL OF EDUCATION	1948-5476	16	1	1-17	2024	Excellent in Research For Australia (ERA)	Article/ Review

	In Adamawa State, Nigeria								
6.	Literature Review on the Factors Affecting Mathematical Modelling Competency	INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT	2226-6348	13	3	2411-2423	2024	Excellent in Research For Australia (ERA)	Article/ Review
7.	Exploring Learning Strategies and Algebra Achievement: A Study of Senior Secondary School Students in Adamawa State, Nigeria	INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN PROGRESSIVE EDUCATION AND DEVELOPMENT	2226-6348	12	4	509-520	2023	Excellent in Research For Australia (ERA)	Article/ Review
8.	When You Don't have to be Sequential: A Meta-Analysis	INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH IN BUSINESS AND SOCIAL SCIENCES	2222-6990	9	2	1142-1157	2019	Excellent in Research For Australia (ERA)	Article/ Review

Non-Indexed Article/Journal

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol.	Issues	Page	Publication year	Type of Publication	Category of Publication
1.	Memartabatkan Epistemologi Peribumi: Tinjauan Literatur Sistematik Terhadap Pengintegrasian Elemen Budaya dalam Pembelajaran Matematik Orang Asli	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	11	4	1-17	2026	Journal Article Non Citation-Indexed	Article/ Review
2.	Kesukaran Murid dalam Penyelesaian Masalah Matematik Koordinat Menggunakan Model Polya	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	10	12	1-23	2025	Journal Article Non Citation-Indexed	Article/ Review

3.	Analisis Keperluan: Stimulasi Visual dan Lisan Sebagai Perancah Prosedur Newman dalam Penyelesaian Masalah Geometri Koordinat	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	10	1	1-16	2025	Journal Article Non Citation-Indexed	Article/ Review
4.	Cabaran Kognitif dalam Pembelajaran Geometri Koordinat: Suatu Sorotan Literatur Komprehensif	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	9	8	1-21	2024	Journal Article Non Citation-Indexed	Article/ Review
5.	Mini-Review: Issues Of Application Utilisation In Teaching And Learning Mathematics In The Malaysian Education System	SAINS HUMANIKA	2289-6996	15	1	47-56	2023	Journal Article Non Citation-Indexed	Article/ Review
6.	Vocational College Mathematics Teachers' Perception On Home-Based Teaching And Learning During The COVID-19 Pandemic In Johor	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	8	2	1-15	2023	Journal Article Non Citation-Indexed	Article/ Review
7.	The Relationship Between Students' Personality And Their Achievement In Solving Mathematics Higher Order Thinking Skills Questions	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	8	2	1-14	2023	Journal Article Non Citation-Indexed	Article/ Review

8.	Pembangunan Strategi Pembelajaran Kontekstual Berbantukan GeoGebra Untuk Meningkatkan Kemahiran Berfikir Aras Tinggi (KBAT) Murid Sekolah Menengah	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	8	2	1-28	2023	Journal Article Non Citation-Indexed	Article/ Review
9.	Does Language Matter In The Mathematics Classroom For Orang Asli Students In Malaysia?	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	8	2	1-16	2023	Journal Article Non Citation-Indexed	Article/ Review
10.	The Development Of Computational Thinking And Mathematics Problem Solving Skills Through Mathematics Modelling Activities	SAINS HUMANIKA	2289-6996	15	2	27-39	2023	Journal Article Non Citation-Indexed	Article/ Review
11.	Kreativiti Murid Dalam Pembelajaran Geometri Di Sekolah Rendah	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	8	4	1-18	2023	Journal Article Non Citation-Indexed	Article/ Review
12.	Indigenous Pedagogy Approach In Teaching Mathematics Among Orang Asli Primary School Students	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	8	9	1-19	2023	Journal Article Non Citation-Indexed	Article/ Review
13.	Sorotan Literatur Bersistematik: Strategi Pengajaran Dan Pembelajaran Geometri Sekolah Rendah	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	8	11	1-12	2023	Journal Article Non Citation-Indexed	Article/ Review

14.	Pengajaran Dan Pembelajaran Konsep Matematik Menggunakan Perisian Aplikasi Scratch: Kajian Literatur Bersistematik	MALAYSIAN JOURNAL OF SOCIAL SCIENCES AND HUMANITIES (MJSSH)	2504-8562	8	12	1-20	2023	Journal Article Non Citation-Indexed	Article/ Review
15.	Effects Of Integrative Interventions With Van Hiele Phase On Students Geometric Thinking: A Systematic Review	JOURNAL OF CRITICAL REVIEWS	23945125	7	13	1133-1140	2020	Journal Article Non Citation-Indexed	Article/ Review
16.	Investigating Student's Difficulties In Shape And Space Topic: A Case Study	INTERNATIONAL JOURNAL OF PSYCHOSOCIAL REHABILITATION	14757192	24	5A	5315-5321	2020	Journal Article Non Citation-Indexed	Article/ Review
17.	Mathematics Curriculum Framework For Early Childhood Education Based On Science, Technology, Engineering and Mathematics (STEM)	INTERNATIONAL ELECTRONIC JOURNAL OF MATHEMATICS EDUCATION	13063030	14	1	15-31	2019	Journal Article Non Citation-Indexed	Article/ Review
18.	Relationship Between Self-Concept And Attitude Towards Solving Algebraic Problems Among Secondary Schools Students In Sokoto State, Nigeria	BRITISH JOURNAL OF EDUCATION (BJE)	20546351	6	11	1-9	2018	Journal Article Non Citation-Indexed	Article/ Review
19.	Attitude of Students Towards Solving Problems In Algebra: A Review of Nigeria Secondary Schools	IOSR JOURNAL OF RESEARCH & METHOD IN EDUCATION (IOSR-JRME)	23207388	8	1 (Version 3)	26-31	2018	Journal Article Non Citation-Indexed	Article/ Review

20.	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 Citation-Indexed	Article/ Review
21.	Penilaian Modul Berasaskan Web Pro-Mc Physics Dari Aspek Kefungsian	BULETIN PERSATUAN PENDIDIKAN SAINS DAN MATEMATIK JOHOR	1284290	27	1	22-35	2017	Journal Article Non Citation-Indexed	Article/ Review
22.	Using Thinking Blocks To Encourage The Use Of Higher Order Thinking Skills Among Students When Solving Problems On Fractions	INTERNATIONAL JOURNAL OF SOCIAL, BEHAVIORAL, EDUCATIONAL, ECONOMIC, BUSINESS AND INDUSTRIAL ENGINEERING	2010376X	11	2	252-258	2017	Journal Article Non Citation-Indexed	Article/ Review
23.	Assessing Mathematics Teachers' Knowledge In Teaching Thinking Skills	SAINS HUMANIKA	22896996	9	1-4	83-87	2017	Journal Article Non Citation-Indexed	Article/ Review
24.	Learning The Strategy Of Reasoning Through Marzano Dimensional Mastery Learning Model Among Form Four Students For The Topic Of Differentiation	SAINS HUMANIKA	22896996	9	1-4	1-7	2017	Journal Article Non Citation-Indexed	Article/ Review
25.	Strategi Penyelesaian Masalah Matematik Bukan Rutin Merentas Kepelbagaian Kecerdasan	MALAYSIAN JOURNAL OF HIGHER ORDER THINKING SKILLS IN EDUCATION (MJHOTS)	24622397	2017	1	1-33	2017	Journal Article Non Citation-Indexed	Article/ Review

26.	Penilaian Pakar Terhadap Aktiviti Pembelajaran Matematik Yang Telah Dibangunkan Berasaskan Peta Pemikiran	MALAYSIAN JOURNAL OF HIGHER ORDER THINKING SKILLS IN EDUCATION (MJHOTS)	24622397	2017	2	40-77	2017	Journal Article Non Citation-Indexed	Article/ Review
27.	The Importance Of Monitoring Skills In Physics Problem Solving	EUROPEAN JOURNAL OF EDUCATION STUDIES	25011111	1	3	1-10	2016	Journal Article Non Citation-Indexed	Article/ Review
28.	Higher Order Thinking Skills Among High Achievers In Mathematics	MALAYSIAN JOURNAL OF HIGHER ORDER THINKING SKILLS IN EDUCATION	24622397	3		82-92	2016	Journal Article Non Citation-Indexed	Article/ Review
29.	Tahap Pengetahuan Dan Amalan Guru Matematik Sekolah Menengah Terhadap Pelaksanaan Kemahiran Berfikir Aras Tinggi (KBAT)	MALAYSIAN JOURNAL OF HIGHER ORDER THINKING SKILLS IN EDUCATION (MJHOTS)	24622397	1	12016	42-75	2016	Journal Article Non Citation-Indexed	Article/ Review
30.	Pola Penyelesaian Masalah Matematik Kemahiran Berfikir Aras Tinggi (KBAT) Dalam Pentaksiran Tingkatan Tiga (PT3)	MALAYSIAN JOURNAL OF HIGHER ORDER THINKING SKILLS IN EDUCATION	24622397	1	12016	1-41	2016	Journal Article Non Citation-Indexed	Article/ Review
31.	Pronunciation Research In The Malaysian Context: A Systematic Review	LSP INTERNATIONAL	22893199	2	1	63-73	2015	Journal Article Non Citation-Indexed	Article/ Review
32.	Analisis Kesilapan Pelajar Dalam Menyelesaikan Masalah Kemahiran Berfikir Aras Tinggi	JURNAL PENDIDIKAN NUSANTARA	22899375	1	Jun 2015	1-17	2015	Journal Article Non Citation-Indexed	Article/ Review

	(KBAT) Untuk Topik Pecahan								
33.	Keberkesanan Laman Web "The Beauty Of I-Bonding" Berdasarkan Model Konstruktivisme Lima Fasa Needham Meningkatkan Kefahaman Konsep Sains Pelajar	BULETIN PERSATUAN PENDIDIKAN SAINS DAN MATEMATIK JOHOR	1284290	25	1	21-37	2015	Journal Article Non Citation-Indexed	Article/ Review
34.	Pembinaan Dan Analisis Item Kemahiran Berfikir Aras Tinggi (KBAT) Untuk Topik Ukuran Asas Matematik Tingkatan Satu	BULETIN PERSATUAN PENDIDIKAN SAINS DAN MATEMATIK JOHOR	1284290	25	BIL 1	7 - 20	2015	Journal Article Non Citation-Indexed	Article/ Review
35.	Aplikasi Descrepant Event Dalam Proses Pengajaran Dan Pembelajaran Sains	BULETIN PERSATUAN PENDIDIKAN SAINS DAN MATEMATIK JOHOR	1284290	24	1	6-13	2014	Journal Article Non Citation-Indexed	Article/ Review
36.	Pentaksiran Berasaskan Sekolah (PBS): Kebaikan Dari Perspektif Am, Guru, Murid Dan Ibu Bapa.	BULETIN PERSATUAN PENDIDIKAN SAINS DAN MATEMATIK JOHOR	1284290	24	BIL 1	1 - 7	2014	Journal Article Non Citation-Indexed	Article/ Review

Indexed Conference Proceedings

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1.	Integrating Traditional Chinese Lanterns into Geometry Activities	2026 IEEE Global Engineering Education Conference, EDUCON	21659559	IEEE	1-9	27 – 30 April 2026	Publication in Scopus	Conference/ Proceedings Paper

2.	Enhancing Form-One Students' Higher Order Thinking Skills (HOTS) Through the GeoGebra-Assisted Contextual Learning Strategy	2025 IEEE Global Engineering Education Conference, EDUCON	2165-9559	IEEE	1-9	22 - 25 April 2025	Publication in Web of Science and Scopus	Conference/ Proceedings Paper
3.	STEM Education and Mathematics Performance Among Orang Asli Primary School Students in Johor, Malaysia: Challenges and Recommendations.	2024 IEEE Frontiers in Education Conference (FIE)	2377-634X	IEEE	1-9	13-16 October 2024	Publication in Scopus	Conference/ Proceedings Paper
4.	Assessing the Readiness of Pre-Service Mathematics Teachers in Utilizing the Scratch Application: A Case Study at Universiti Teknologi Malaysia	2024 IEEE Frontiers in Education Conference (FIE)	2377-634X	IEEE	1-9	13-16 October 2024	Publication in Scopus	Conference/ Proceedings Paper
5.	Integrating local wisdom and project-based learning to enhance critical thinking, collaboration, and creativity in mathematics education: A pilot study with eighth grade students in Malang	2nd International Conference of Mathematics Education, Learning, and Application, ICOMELA	0094243X	AIP Conference Proceedings	1-13	3 Dec 2024	Publication in Scopus	Conference/ Proceedings Paper
6.	How do Malaysian and South Korean secondary school mathematics curricula evolve?	5th International Conference on Mathematical Sciences (ICMS5)	978-0-7354-5020-2	AIP Conference Proceedings	1-9	13 Sep 2024	Publication in Scopus	Conference/ Proceedings Paper
7.	Investigating year two student's learning misconceptions in shape and space topic: A case study	5th International Conference on Mathematical Sciences (ICMS5)	978-0-7354-5020-2	AIP Conference Proceedings	1-4	13 Sep 2024	Publication in Scopus	Conference/ Proceedings Paper
8.	Investigating the effectiveness of augmented reality application for shape and space topic	5th International Conference on	978-0-7354-5020-2	AIP Conference Proceedings	1-6	13 Sep 2024	Publication in Scopus	Conference/ Proceedings Paper

		Mathematical Sciences (ICMS5)						
9.	The effectiveness of GeoGebra-assisted non-routine problem-based learning on students' non-routine mathematical problem solving	5th International Conference on Mathematical Sciences (ICMS5)	978-0-7354-5020-2	AIP Conference Proceedings	1-8	13 Sep 2024	Publication in Scopus	Conference/ Proceedings Paper
10.	The effectiveness of GeoGebra-assisted non-routine problem-based learning on students' mathematical creativity	5th International Conference on Mathematical Sciences (ICMS5)	978-0-7354-5020-2	AIP Conference Proceedings	1-8	13 Sep 2024	Publication in Scopus	Conference/ Proceedings Paper
11.	Does GeoGebra-assisted contextual learning strategy enhance form one students' Higher Order Thinking Skills (HOTS)?	The National Mathematical Science Symposium (SKSM-30)	978-0-7354-5014-1	AIP Conference Proceedings	1-12	26 - 27 Sep 2023	Publication in Scopus	Conference/ Proceedings Paper
12.	Pre-service mathematics teachers' engagement in model eliciting activities (MEA): A case study in synchronous online classroom	The 6th International Conference On Mathematics And Science Education (ICoMSE) 2022: Educational Diversity and the Future of Mathematics and Science Education Research	0094243X	AIP Conference Proceedings	050010 - 050010	9–10 August 2022	Publication in Scopus	Conference/ Proceedings Paper
13.	How Can HOTS Problems Arise From COVID-19 Data? Pre-Service Mathematics Teacher Decision Making Process In Developing An Analytical Problem	2021 1st International Conference of Mathematics Education, Learning and Application (ICOMELA)	978-0735443 76-1	AIP Conference Proceedings	1-9	30-31 Okt 2021	Publication in Scopus	Conference/ Proceedings Paper
14.	Students' Numeracy Skills In Solving Numeracy Tasks: Analysis Of Students of Junior High Schools	5th International Conference on Mathematics and Science Education: Science and Mathematics Education	978-0735442 77-1	American Institute of Physics Inc.	1-5	3-4 August 2021	Publication in Scopus	Conference/ Proceedings Paper

		Research: Current Challenges and Opportunities, ICoMSE 2021						
15.	Mirror-Mirror on The Wall, Which Teachers Use Educational Technology In Mathematics Classroom Malaysians or South Koreans?	2019 IEEE International Conference on Engineering, Technology and Education (TALE)	9781728126654	IEEE	92259 17-92259 17	8-11 April 2019	Publication in Scopus	Conference/ Proceedings Paper
16.	A Comparative Study of Teaching Problem-Solving In Mathematics Secondary Schools In Malaysia And South Korea	2019 IEEE International Conference on Engineering, Technology and Education (TALE)	9781728126654	IEEE	92260 11-92260 11	8-11 April 2019	Publication in Scopus	Conference/ Proceedings Paper
17.	Development of Mobile Application For The Concept Of Pattern Recognition in Computational Thinking For Mathematics Subject	2019 IEEE International Conference on Engineering, Technology and Education (TALE)	9781728126654	IEEE	1-5	8-11 April 2019	Publication in Scopus	Conference/ Proceedings Paper
18.	Effectiveness Of Mobile Assisted Language Learning Towards Students Achievement And Motivation In Learning English Prepositions	2019 IEEE International Conference on Engineering, Technology and Education (TALE)	9781728126654	IEEE	1-5	8-11 April 2019	Publication in Scopus	Conference/ Proceedings Paper
19.	The Relationship Between Self-Determination Emotional Intelligence Towards Achievement Motivation In Mathematics	2019 IEEE International Conference on Engineering, Technology and Education (TALE)	24706698	IEEE	1-8	10-13 Dec 2019	Publication in Scopus	Conference/ Proceedings Paper
20.	Effect of STEM Competition on STEM Career Interest	2018 IEEE 10th International Conference on Engineering Education (ICEED)	9781538668467	IEEE	111-116	8-9 Nov 2018	Publication in Web of Science	Conference/ Proceedings Paper
21.	The Effectiveness of A Mentor-Mentee Program On Malaysian School Students' Interest In STEM	2018 IEEE International Conference on Teaching,	9781538665220	IEEE	855-860	4-7 Dec 2018	Publication in Web of Science	Conference/ Proceedings Paper

		Assessment, and Learning for Engineering (TALE)						
22.	Addressing Chemical Reaction Misconceptions Using Five Phase Needham Model	2018 IEEE Global Engineering Education Conference (EDUCON)	9781538 629574	IEEE	825-834	17-20 April 2018	Publication in Web of Science	Conference/ Proceedings Paper
23.	Arts And Science Stream Students Mathematical Problem Solving Strategies And Perspectives	2018 IEEE 10th International Conference on Engineering Education (ICEED)	9781538 668474	IEEE	75-78	8-9 Nov 2018	Publication in Scopus	Conference/ Proceedings Paper
24.	Development of The ThinkHOTS Software Based On Thinking Maps To Increase Higher-Order Thinking Skill	2018 IEEE 10th International Conference on Engineering Education (ICEED)	9781538 668467	IEEE	39-44	8-9 Nov 2018	Publication in Scopus	Conference/ Proceedings Paper
25.	Behaviours Of Students When Solving The Assessment Of Programme For International Student Assessment (PISA) Mathematical Problems	2018 IEEE 10th International Conference on Engineering Education (ICEED)	9781538 668474	IEEE	224-229	8-9 Nov 2018	Publication in Scopus	Conference/ Proceedings Paper
26.	The Effectiveness of Integrating Geometer's Sketchpad Software In Phase-Based Geometric Learning	2018 IEEE International Conference on Teaching , Assessment, and Learning for Engineering (TALE)	9781538 665220	IEEE	335-341	4-7 Dec 2018	Publication in Scopus	Conference/ Proceedings Paper
27.	Teachers' Readiness In Implementing Science, Technology, Engineering And Mathematics (STEM) Education From The Cognitive, Affective And Behavioural Aspects	2017 IEEE 6th International Conference on Teaching, Assessment, and Learning for Engineering (TALE)	9781538 609002	IEEE	6-12	12-14 Dec 2017	Publication in Web of Science	Conference/ Proceedings Paper
28.	A Review Of The Use Of Smart Boards In Education	2016 IEEE 8th International Conference on Engineering Education (ICEED)	9781509 015955	IEEE	120-125	7-8 Dec 2016	Publication in Scopus	Conference/ Proceedings Paper

29.	Factors Preventing Malaysian Teachers From Using Information And Communication Technology (ICT) In Teaching Mathematics	2016 4th International Conference on Information and Communication Technology (ICoICT)	9781467398794	IEEE		25-27 Mei 2016	Publication in Scopus	Conference/ Proceedings Paper
30.	My Reflection Mobile App Promotes Critical Reflective Practice	2016 4th International Conference on Information and Communication Technology (ICoICT)	9781467398794	IEEE	75719 18-75719 18	25-27 Mei 2016	Publication in Scopus	Conference/ Proceedings Paper
31.	Enhancing Students' Geometrical Thinking Levels Through van Hiele's Phase-Based Geometer's Sketchpad-Aided Learning	2015 IEEE 7th International Conference on Engineering Education (ICEED)	9781479988105	IEEE	106-111	17-18 Nov 2015	Publication in Scopus	Conference/ Proceedings Paper
32.	UM Chemistry Module Based On Pedagogical Content Knowledge In Chemical Bonding Topic	2014 IEEE 6th International Conference on Engineering Education (ICEED)	9781479945962	IEEE	117-122	9-10 Dec 2014	Publication in Scopus	Conference/ Proceedings Paper
33.	Comparison Of Pedagogical Content Knowledge Between Expert And Novice Lecturers In Teaching And Learning Process	2014 International Conference on Teaching and Learning in Computing and Engineering (LATICE)	9781479935918	IEEE	240-246	11-13 April 2014	Publication in Scopus	Conference/ Proceedings Paper
34.	'The Beauty Of I-Bonding' Website Development Based On Needham 5 Phase Constructivism Model	2014 International Conference on Teaching and Learning in Computing and Engineering (LATICE)	9781479935925	IEEE	283-288	11-13 April 2014	Publication in Scopus	Conference/ Proceedings Paper
35.	The Effects Of van Hiele's Phase-Based Learning On Students' Geometric	2014 International Conference on Teaching and Learning in	9781479935925	IEEE	317-324	11-13 April 2014	Publication in Scopus	Conference/ Proceedings Paper

	Achievement And Attitude Towards Geometry	Computing and Engineering (LATICE)						
36.	Non-Routine Mathematical Problems Among In-Service And Pre-Service Mathematics Teachers	2014 International Conference on Teaching, Assessment and Learning for Engineering (TALE)	9781479976720	IEEE	16-24	8-10 Dec 2014	Publication in Scopus	Conference/ Proceedings Paper
37.	Physics Problem Solving: Selecting More Successful And Less Successful Problem Solvers	2014 International Conference on Teaching, Assessment and Learning for Engineering (TALE)	9781479976720	IEEE	186-191	8-10 Dec 2014	Publication in Scopus	Conference/ Proceedings Paper
38.	Physics Problem Solving Strategies And Metacognitive Skills: Force And Motion Topics	2014 IEEE 6th International Conference on Engineering Education (ICEED)	9781479945962	IEEE	133-138	9-10 Dec 2014	Publication in Scopus	Conference/ Proceedings Paper
39.	Cyclic Improvement in The Implementation Of Reflective Practice	2014 International Conference on Teaching, Assessment and Learning for Engineering (TALE)	9781479976720	IEEE	192-197	8-10 Dec 2014	Publication in Scopus	Conference/ Proceedings Paper
40.	The Knowledge and Practice Of "New Academia" Among Lecturers: A Case Study In Universiti Teknologi Malaysia	2014 International Conference on Teaching, Assessment and Learning for Engineering (TALE)	9781479976720	IEEE	86-92	8-10 Dec 2014	Publication in Scopus	Conference/ Proceedings Paper

Non Indexed Conference Proceedings

NO	ARTICLE TITLE	Conference Proceedings	ISSN	Organizer	Page	Date	Category of Publication
1.	APLIKASI SHAPIFY IT! MEMBANTU PROSES VISUALISASI DALAM TOPIK BENTUK	2022 e-Proceedings NALI	978-967-26542-1-6	UTMLEAD	107-109	4-6 Okt 2022	Proceedings

2.	HUBUNGAN ANTARA KECERDASAN EMOSI DAN MOTIVASI PELAJAR DALAM MENYELESAIKAN MASALAH MATEMATIK BUKAN RUTIN	Isu-Isu Pendidikan Kontemporari	978-967-0194-68-4	UTM	293-314	2017/2018 sem II	Proceedings
3.	FAKTOR-FAKTOR YANG MEMPENGARUHI PENCAPAIAN KURSUS MATEMATIK KEJURUTERAAN 1 DALAM KALANGAN PELAJAR POLITEKNIK DI JOHOR	Isu-Isu Pendidikan Kontemporari	978-967-0194-68-4	UTM	209-224	2017/2018 sem II	Proceedings
4.	AKTIVITI PEMBELAJARAN TOPIK NISBAH, KADAR DAN KADARAN BERASASKAN STRATEGI PENYELESAIAN MASALAH MATEMATIK BUKAN RUTIN MENGGUNAKAN GAMBAR RAJAH	Isu-Isu Pendidikan Kontemporari	978-967-0194-68-4	UTM	253-270	2017/2018 sem II	Proceedings
5.	NON-ROUTINE MATHEMATICAL PROBLEM-SOLVING STRATEGIES ACROSS PERSONALITY TRAITS	Phu Yen University International Conference 2017	-	Phu Yen University	31-43	10 April 2017	Proceedings
6.	KESEDIAAN GURU MATEMATIK SEKOLAH MENENGAH DALAM MELAKSANAKAN PROSES PEMBELAJARAN DAN PENGAJARAN ABAD KE-21	Isu-Isu Pendidikan Kontemporari	9789670194684	UTM	567-584	2016/2017 sem I	Proceedings
7.	ENHANCING STUDENTS' VISUAL SPATIAL SKILLS (VSS) AND GEOMETRY THINKING	41st Conference of The International Group for The	978-981-11-3742-6	National Institute of	1-5	17-22 July 2017	Proceedings

	(GTL) USING 3D GEOMETRY TEACHING STRATEGY THROUGH SKETCHUP MAKE (SPPD-SUM)	Psychology of Mathematics Education (PME)		Education, Singapore			
8.	A REVIEW ON RESEARCH IN TECHNOLOGICAL PEDAGOGICAL AND CONTENT KNOWLEDGE IN MATHEMATICS EDUCATION	7th International Conference on Science and Mathematics Education (CoSMEd)	2600-7452	SAMEO RECSAM, Penang	152-159	13-17 Nov 2017	Proceedings
9.	PRIMARY SCHOOL STUDENTS LEVEL OF GEOMETRIC THINKING	Isu-Isu Pendidikan Kontemporari	9789670194684	UTM	563-573	2015/16 sem II	Proceedings
10.	ENHANCING 21ST CENTURY SCIENCE, TECHNOLOGY, ARTS, ENGINEERING AND MATHEMATICS (STEAM) EDUCATION THROUGH GREEN AND MICROSCALE CHEMISTRY EXPERIMENTATION	Proceeding of International Conference on Higher Order Thinking Skills (ICE-HOTS)	9789670194721	UTM	689-695	11-13 Mac 2016	Proceedings
11.	KEBERKESANAN KAEDAH BLOK PEMIKIRAN DALAM PEMBELAJARAN PECAHAN UNTUK MENINGKATKAN KEMAHIRAN BERFIKIR ARAS TINGGI (KBAT)	Seminar Majlis Dekan-Dekan Pendidikan Universiti Awam 2016	9789673992775	USM	597-607	13-15 Nov 2016	Proceedings
12.	APPLICATION OF MATHEMATICAL COMPETENCIES AMONG ENGINEERING STUDENTS THROUGH SERVICE LEARNING PROGRAM	2016 6th Regional Conference on Engineering Education (RCEE)	9789670194653	Centre of Engineering Education (CEE), UTM	61-64	9-10 Ogos 2016	Proceedings

13.	EFFECTIVENESS OF USING BIZZAPSS IN ENHANCING STUDENTS' ACHIEVEMENT WITH DIFFERENT LEARNING STYLES	2016 6th Regional Conference on Engineering Education (RCEE)	978-967-0194-65-3	Centre of Engineering Education (CEE), UTM	260-264	9-10 Ogos 2016	Proceedings
14.	EPROJECT: EDUCATIONAL RESEARCH STUDY MANAGEMENT SYSTEM	2016 Proceedings of The International University Carnival on e-Learning (IUCEL)	978-967-0194-70-7	UTM	170-171	20-21 Sept 2016	Proceedings
15.	ENHANCING STUDENTS' HIGHER ORDER THINKING SKILLS THROUGH MYGSP	2016 Proceedings of The International University Carnival on e-Learning (IUCEL)	978-967-0194-70-7	UTMLEAD	87-89	20-21 Sept 2016	Proceedings
16.	PELAKSANAAN KEMAHIRAN BERFIKIR ARAS TINGGI(KBAT): ISU DAN CABARAN DALAM ASPEK KURIKULUM, PEDAGOGI DAN PENTAKSIRAN	Seminar Majlis Dekan-Dekan Pendidikan Universiti Awam 2015	978-967-0764-38-2	UTHM	77-88	14-15 Sept 2015	Proceedings
17.	EFFECT OF VIRTUAL ENVIRONMENT COURSEWARE IN LEARNING ENGINEERING DRAWING	Innovative Practices in Higher Education Expo 2015 (I-PHEX)	978-967-0194-50-9	Centre of Engineering Education (CEE), UTM	45-45	6 August 2015	Proceedings
18.	PISA 2012: DI MANA KEDUDUKAN MALAYSIA UNTUK SUBJEK MATEMATIK?	Prosiding Seminar Antarabangsa Kelestarian Insan 2014	9789670468792	Penerbit UTHM	1-16	9-10 April 2014	Proceedings
19.	PENYELESAIAN MASALAH RUTIN DAN BUKAN RUTIN DALAM PENDIDIKAN MATEMATIK	Konvensyen Antarabangsa Jiwa Pendidik 2014	9789671217436	UTM	12-23	11-13 Ogos 2014	Proceedings
20.	TEACHER'S PERCEPTION TOWARDS THE	Konvensyen Antarabangsa Jiwa Pendidik 2014	9789671217436	UTM	45-54	11-13 August 2014	Proceedings

	EFFECTIVENESS OF SCHOOL BASED ASSESSMENT						
21.	MATHEMATICS TEACHERS HIGHER-ORDER THINKING	2014 1st International Education Postgraduate Seminar (IEPS)	978-967-12174-5-0	UTM	1-5	23-24 Nov 2014	Proceedings
22.	MENJANA KEMAHIRAN BERFIKIR ARAS TINGGI (KBAT) MURID MELALUI SISTEM MYGSP	4th International Conference on Learner Diversity (ICELD)	978-983-2267-65-2	UKM	290-308	17-18 Sept 2014	Proceedings
23.	PROMOTING HIGHER ORDER THINKING SKILLS THROUGH OUTSIDE CLASSROOM STRATEGY IN LEARNING MATHEMATICS	2014 1st International Education Postgraduate Seminar (IEPS)	9789671217443	UTM	872-881	23-24 Nov 2014	Proceedings

Original Books

NO	BOOK TITLE	ISBN/ ISSN	PUBLISHER	PUBLICATION YEAR	LIST OF AUTHORS
1.	PENGETAHUAN TEKNOLOGI PEDAGOGI KANDUNGAN GURU PRAPERKHIDMATAN MATEMATIK	978-983-52-2187-3	PENERBIT UTM PRESS	2025	ABDUL HALIM ABDULLAH NURAIN NADHIRAH MOHAMAD TEA JIA XIAN
2.	KEMBARA SOLO 20 HARI DI BUMI JDT	978-983-52-2077-7	PENERBIT UTM PRESS	2024	ABDUL HALIM ABDULLAH
3.	GEOGEBRA DAN INTEGRASINYA DALAM STRATEGI PEMBELAJARAN MATEMATIK	978-983-52-2066-1	PENERBIT UTM PRESS	2024	ABDUL HALIM ABDULLAH NOOR SUHAILY MIRROM ZURAINI MARION
4.	PENDIDIKAN MATEMATIK MENENGAH DI MALAYSIA DAN KOREA SELATAN	978-983-52-1843-9	PENERBIT UTM PRESS	2022	ABDUL HALIM ABDULLAH
5.	PENDEKATAN INFUSI PEMBELAJARAN BERASASKAN PEMIKIRAN KRITIS DAN KREATIF MATEMATIK: UNGKAPAN ALGEBRA	978-967-2171-14-0	FAKULTI PENDIDIKAN UTM	2018	ZULHELMI BIN ZULKPLI ABDUL HALIM ABDULLAH NOOR AZEAN BINTI ATAN
6.	UTM GLOBAL PLAN 2012-2020 PHASE III: 2018-2020 & ENVISION UTM 2025	978-967-15678-0-7	STRATEGY MANAGEMENT OFFICE, OFFICE OF THE VICE CHANCELLOR,	2018	SHAHRIN BIN MOHAMMAD NARINA BINTI A. SAMAH MASPUTERIAH BTE HAMZAH

			UNIVERSITI TEKNOLOGI MALAYSIA		MOHD BAKRI BIN BAKAR LOKMAN BIN MOHD TAHIR SHARIFAH BINTI OSMAN JAMILAH BINTI AHMAD ABDUL HALIM BIN ABDULLAH
7.	PEMBELAJARAN DAN PEMIKIRAN GEOMETRI VAN HIELE	978-983-49-1575-9	DEWAN BAHASA DAN PUSTAKA	2019	ABDUL HALIM ABDULLAH EFFANDI ZAKARIA
8.	KERJA MUDAH DENGAN GEOMETER'S SKETCHPAD	978-983-49-1520-9	DEWAN BAHASA DAN PUSTAKA	2019	ABDUL HALIM ABDULLAH
9.	STRATEGI PEMBELAJARAN PENAAKULAN BERFOKUSKAN METAKOGNITIF (SPPBM) PEMBEZAAN	978-983-4279-46-2	FAKULTI PENDIDIKAN UTM	2016	MOHAMAD NIZAM BIN ARSHAD NOOR AZEAN BINTI ATAN MOHD SALLEH BIN ABU ABDUL HALIM ABDULLAH MAHANI BTE MOKHTAR
10.	STRATEGI PEMBELAJARAN GEOMETRI TIGA DIMENSI: PELAN DAN DONGAKAN - MENERUSI PERISIAN DINAMIK SKETCHUP MAKE	978-967-0194-53-0	FAKULTI PENDIDIKAN UTM	2016	ROHANI BINTI ABD WAHAB NOOR AZEAN BINTI ATAN MOHD SALLEH BIN ABU ABDUL HALIM ABDULLAH MAHANI BTE MOKHTAR
11.	ISU-ISU BERTERUSAN DALAM PENDIDIKAN DI MALAYSIA	978-967-0849-08-9	PELANGI PROFESSIONAL PUBLISHING SDN.BHD	2015	ABDUL HALIM ABDULLAH

Edited Books

NO	BOOK TITLE	ISBN/ ISSN	PUBLISHER	PUBLICATION YEAR	LIST OF AUTHORS
1.	HALA TUJU PENDIDIKAN STEM DI MALAYSIA	978-983-52-1891-0	PENERBIT UTM PRESS	2022	ABDUL HALIM BIN ABDULLAH NOR HASNIZA IBRAHIM
2.	KEMAHIRAN BERFIKIR ARAS TINGGI (KBAT) DALAM PENDIDIKAN	978-983-52-2411-0	PENERBIT UTM PRESS	2017	ABDUL HALIM ABDULLAH NORULHUDA ISMAIL
3.	USAGE OF TECHNOLOGIES IN THE TEACHING AND LEARNING OF GEOMETRY	978-983-52-1187-4	PENERBIT UTM PRESS	2016	ABDUL HALIM ABDULLAH MAHANI MOKHTAR
4.	TEKNOLOGI MAKLUMAT & KOMUNIKASI DALAM PENDIDIKAN MATEMATIK DAN SAINS	978-983-2267-37-9	FAKULTI PENDIDIKAN, UNIVERSITI KEBANGSAAN MALAYSIA	2012	EFFANDI ZAKARIA NORAZAH MOHD NORDIN MD YUSOFF DAUD ABDUL HALIM ABDULLAH

Book Chapters

NO	CHAPTER TITTLE	BOOK TITTLE	ISBN/ ISSN	PUBLISHER	EDITORS	YEAR OF PUBLICATION
1.	KESEDIAAN GURU MATEMATIK DALAM MELAKSANAKAN PENDIDIKAN STEM	HALA TUJU PENDIDIKAN STEM DI MALAYSIA	978-983-52-1891-0	PENERBIT UTM PRESS	ABDUL HALIM BIN ABDULLAH NOR HASNIZA IBRAHIM	2022
2.	KONSEP PENDIDIKAN STEM	HALA TUJU PENDIDIKAN STEM DI MALAYSIA	978-983-52-1891-0	PENERBIT UTM PRESS	ABDUL HALIM BIN ABDULLAH NOR HASNIZA IBRAHIM	2022
3.	PEMBANGUNAN KERANGKA KURIKULUM MATEMATIK PRASEKOLAH LIMA DAN ENAM TAHUN BERASASKAN STEM	HALA TUJU PENDIDIKAN STEM DI MALAYSIA	978-983-52-1891-0	PENERBIT UTM PRESS	ABDUL HALIM BIN ABDULLAH NOR HASNIZA IBRAHIM	2022
4.	COMPARISON APPROACH IN MATHEMATICS LEARNING: A META-ANALYSIS	BEST PRACTICES IN EDUCATION MANAGEMENT: TEACHING, LEARNING AND RESEARCH	978-967-17-4000-2	KAIZENTRENOVATION SDN. BHD	NURUL FADLY HABIDIN SHARON YONG YEE ONG NURSYAZWANI MOHD FUZI TUAN WAHEDA TUAN CHIK UMMU AIMAN MUHAMAD NORIMAH SAID	2019
5.	KEUPAYAAN DAN KREATIVITI PELAJAR MENYELESAIKAN MASALAH MATEMATIK BUKAN RUTIN	KEMAHIRAN BERFIKIR ARAS TINGGI (KBAT) DALAM PENDIDIKAN	978-983-52-2411-0	PENERBIT UTM PRESS	ABDUL HALIM ABDULLAH NORULHUDA ISMAIL	2017
6.	TAHAP PEMIKIRAN STATISTIK PELAJAR	KEMAHIRAN BERFIKIR ARAS TINGGI (KBAT) DALAM PENDIDIKAN	978-983-52-2411-0	PENERBIT UTM PRESS	ABDUL HALIM ABDULLAH NORULHUDA ISMAIL	2017

	TINGKATAN EMPAT DI DAERAH LEDANG					
7.	ENHANCING HIGHER ORDER THINKING SKILLS IN LEARNING PROBABILITY THROUGH OUTSIDE CLASSROOM STRATEGY	EMERGING TECHNOLOGY & STRATEGY FOR LEARNING	978-983-52-1180-5	PENERBIT UTM PRESS	MOHD NIHRA HARUZUAN MOHD SAID NORAZRENA ABU SAMAH	2016
8.	STUDENTS' PERCEPTIONS TOWARDS GENERATING CONJECTURES LEARNING STRATEGY USING GEOMETER'S SKETCHPAD SOFTWARE	USAGE OF TECHNOLOGIES IN THE TEACHING AND LEARNING OF GEOMETRY	978-983-52-1187-4	PENERBIT UTM PRESS	ABDUL HALIM ABDULLAH MAHANI BTE MOKHTAR	2016
9.	MATHEMATICS TEACHERS' COMPETENCIES IN ENHANCING STUDENTS' HIGHER ORDER THINKING SKILLS	RESEARCH ON EDUCATIONAL STUDIES	978-81-8387-768-8	SERIALS PUBLICATIONS PVT. LTD	AQEEL KHAN MOHAMED NAJIB ABDUL GHAFAR ABDUL RAHIM HAMDAN ROHAYA TALIB	2016
10.	GEOMETRIC THINKING	THINKING SKILLS IN MATHEMATICS EDUCATION	978-983-52-1222-2	PENERBIT UTM PRESS	HAMIDREZA KASHEFI ZALEHA ISMAIL	2016
11.	THE PRACTICE OF REFLECTION ON THE ISSUES OF TEACHING AND LEARNING PROCESS AMONG STEM EDUCATORS IN UTM	RESEARCH ON EDUCATIONAL STUDIES	978-81-8387-768-8	SERIALS PUBLICATIONS PVT. LTD	AQEEL KHAN MOHAMED NAJIB ABDUL GHAFAR ABDUL RAHIM HAMDAN ROHAYA TALIB	2016
12.	KESEDIAAN GURU MENERAPKAN KEMAHIRAN BERFIKIR ARAS TINGGI (KBAT)	PENERAPAN KEMAHIRAN DAN GAYA PEMBELAJARAN DALAM	978-983-52-1340-3	PENERBIT UTM PRESS	DAYANA FARZEEHA ALI	2016

	DALAM PENYELESAIAN MATEMATIK	PENGAJARAN DAN PEMBELAJARAN				
13.	PEDAGOGICAL CONTENT KNOWLEDGE PRACTICES AMONG LECTURER IN UNIVERSITI TEKNOLOGI MALAYSIA	PEDAGOGICAL PRACTICES AND ISSUES IN HIGHER EDUCATION	978-983-52-1245-1	PENERBIT UTM PRESS	ABDUL RAHIM HAMDAN MOHAMED NAJIB ABDUL GHAFAR	2016
14.	PENGINTEGRASIAN PERISIAN GEOMETER'S SKETCHPAD DALAM FASA-FASA PEMBELAJARAN GEOMETRI VAN HIELE	TEKNOLOGI MAKLUMAT & KOMUNIKASI DALAM PENDIDIKAN MATEMATIK DAN SAINS	978-983-2267-37-9	FAKULTI PENDIDIKAN, UNIVERSITI KEBANGSAAN MALAYSIA	EFFANDI ZAKARIA NORAZAH MOHD NORDIN MD YUSOFF DAUD ABDUL HALIM ABDULLAH	2012
15.	TEKNOLOGI MAKLUMAT DAN KOMUNIKASI DALAM PENDIDIKAN MATEMATIK	TEKNOLOGI MAKLUMAT & KOMUNIKASI DALAM PENDIDIKAN MATEMATIK DAN SAINS	978-983-2267-37-9	FAKULTI PENDIDIKAN, UNIVERSITI KEBANGSAAN MALAYSIA	EFFANDI ZAKARIA NORAZAH MOHD NORDIN MD YUSOFF DAUD ABDUL HALIM ABDULLAH	2012
16.	PENGAJARAN DAN PEMBELAJARAN GEOMETRI	TRANSFORMASI DAN INOVASI DALAM PENDIDIKAN	978-983-2267-30-0	FAKULTI PENDIDIKAN, UNIVERSITI KEBANGSAAN MALAYSIA	ZAMRI MAHAMOD JAMALUL LAIL ABDUL WAHAB MOHAMMED SANI IBRAHIM	2011

Academic Magazines

NO	ACADEMIC MAGAZINE	PUBLISHERS	TITLE	YEAR OF PUBLICATION
1.	DEWAN TAMADUN ISLAM	DEWAN BAHASA DAN PUSTAKA	KUMULATIF	2026
2.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	HARAPAN RAKYAT TERHADAP DBP	2026
3.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	MATEMATIK DI SEBALIK PIALA DUNIA 2026	2026
4.	DEWAN SASTERA	DEWAN BAHASA DAN PUSTAKA	DARI MANA LAHIRNYA SEORANG PENULIS?	2026

5.	DEWAN SASTERA	DEWAN BAHASA DAN PUSTAKA	ANDAI INI MALANG, BIARLAH AKU JATUH CINTA	2026
6.	DEWAN SASTERA	DEWAN BAHASA DAN PUSTAKA	KONSTRUKSI	2026
7.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	GURU DAN DENYUT NADI MODAL INSAN NEGARA	2026
8.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	MENJEJAKI PARTIKEL WACANA MASYARAKAT MAJMUK	2026
9.	TITIK BACA	TITIK BACA	ADAKAH SASTERA MILIK SEMUA?	2026
10.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	"MATEMATIK DAN HARAPAN" DALAM SAMBUTAN HARI PI 2026	2026
11.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	MENANGANI KEGAGALAN MATA PELAJARAN TERTENTU SECARA SISTEMIK	2026
12.	DEWAN SASTERA	DEWAN BAHASA DAN PUSTAKA	NYALA PENA DI AMBANG ALGORITMA: CATATAN SEORANG PENULIS SASTERA	2026
13.	DEWAN SASTERA	DEWAN BAHASA DAN PUSTAKA	RINTIHAN SEORANG PENULIS PEMULA SASTERA (MESKI TIDAK BERMULA DENGAN PUISI)	2026
14.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	ISTILAH "JAKUN": ANTARA IDENTITI ETNIK DENGAN EJEKAN DALAM PERBUALAN HARIAN	2026
15.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	BERADAB ATAU BIADAB DI MANAKAH KEDUDUKAN MASYARAKAT PADA ERA DIGITAL?	2026
16.	PELITA BAHASA	DEWAN BAHASA DAN PUSTAKA	PERANAN DISOKONG DAN MENYOKONG DALAM PENULISAN AKADEMIK	2026
17.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	HARI PENDIDIKAN ANTARABANGSA: KUASA BELIA DALAM MENCIPTA PENDIDIKAN	2026
18.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	SUATU CATATAN REFLEKSI DARI NEGARA PENJAJAH	2026
19.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	POLA MATEMATIK DAN KAITANNYA DALAM KEHIDUPAN	2026
20.	DEWAN SASTERA	DEWAN BAHASA DAN PUSTAKA	KETIKA PENA BERTANYA: SIAPAKAH PENULIS SEBENARNYA	2025
21.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	SEBUAH CATATAN DI KLANG	2025
22.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	PESONA BANDAR DIRAJA PEKAN	2025
23.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	MELAKAR KEJAYAAN DI PENTAS KONVOKESYEN	2025
24.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	KISAH ROTI CANAI YANG MENDUNIA	2025
25.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	TERIMA KASIH PEJUANG GLOBAL (CATATAN DIARI SEORANG PENULIS)	2025
26.	MAJALAH SAINS	MAJALAH SAINS	TEOREM PYTHAGORAS: LEBIH DARI SEKADAR $A^2 + B^2 = C^2$	2025
27.	BULETIN MRUN	MALAYSIAN RESEARCH UNIVERSITY NETWORK (MRUN)	SAINS DAN TEKNOLOGI DALAM MEMBENTUK GENERASI MASA DEPAN	2025
28.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	UNGKAPAN MATEMATIK DALAM DIALEK DI MALAYSIA	2025
29.	MAJALAH SAINS	MAJALAH SAINS	SIMBOL MATEMATIK SEBAGAI CERMINAN KEHIDUPAN	2025
30.	TUNAS CIPTA	DEWAN BAHASA DAN PUSTAKA	TITIPAN DARI BUMI EROPAH	2025
31.	DEWAN EKONOMI	DEWAN BAHASA DAN PUSTAKA	IMPAK SOSIOEKONOMI TERHADAP PENCAPAIAN MATEMATIK PISA DALAM KALANGAN NEGARA ASIA TENGGARA	2025

32.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	PERIHAL DI MANA DAN BILA PADA PERTENGAHAN AYAT PENYATA DALAM PENULISAN AKADEMIK	2025
33.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	MENCARI NILAI KEMANUSIAAN DI SEBALIK KEPARAHAN EKOSISTEM	2025
34.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	BAPA WIRA SEJATI DALAM HIDUP SETIAP INSAN	2025
35.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	ASPIRASI GURU PEMACU REFORMASI PENDIDIKAN	2025
36.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	TERATAK ZA'BA MENYIMPAN SERIBU KHAZANAH BANGSA	2025
37.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	HARI PENDIDIKAN ANTARABANGSA 2025: AI DAN PENDIDIKAN DALAM DUNIA AUTOMASI	2025
38.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	MERAIKAN MATEMATIK, SENI DAN KREATIVITI	2025
39.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	BAHASA MELAYU LAWAN KECERDASAN BUATAN	2025
40.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	KECERDASAN BUATAN (AI) DALAM LANDSKAP PENDIDIKAN MATEMATIK	2025
41.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	REKAAN SAMPUL DUIT RAYA YANG MENGGAMIT MEMORI	2025
42.	DEWAN EKONOMI	DEWAN BAHASA DAN PUSTAKA	PENGARUH SOSIOEKONOMI KELUARGA TERHADAP PENCAPAIAN MURID DALAM TIMSS TAHUN 2023	2025
43.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	ETNOMATEMATIK DAN TAHUN BAHARU CINA	2025
44.	MAJALAH SAINS	MAJALAH SAINS	MERUNGKAI MATEMATIK DI SEBALIK DOKTRIN RUKUN ISLAM	2025
45.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	MANIS DAN MAGISNYA UNGAKAPAN TERIMA KASIH	2025
46.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	SUATU PAGI DI STUDIO WARISAN MALAYSIA	2025
47.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	10 FAKTA TENTANG PENCAPAIAN MATEMATIK MURID MALAYSIA DALAM TIMSS 2024	2024
48.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	3M INTERVENSI AWAL PENGEMBANGAN KEMAHIRAN KANAK-KANAK	2024
49.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	MENGHAYATI KONSEP BUMI BERBENTUK SFERA	2024
50.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	PERIHAL ISTILAH "KETIMBANG" DALAM MATEMATIK	2024
51.	E-ESTIDOTMY	AKADEMI SAINS MALAYSIA	DIET BERKESAN DENGAN STEM (BAHAGIAN 2) KEJURUTERAAN DAN MATEMATIK	2024
52.	E-ESTIDOTMY	AKADEMI SAINS MALAYSIA	DIET BERKESAN DENGAN STEM (BAHAGIAN 1): SAINS DAN TEKNOLOGI	2024
53.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	KOLAM: ELEMEN MATEMATIK DALAM SENI BUDAYA MASYARAKAT INDIA	2024
54.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	MATEMATIK DI SEBALIK TARIAN ZAPIN	2024
55.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	JEJAK SEJARAH HARI MALAYSIA DI MUZIUM BUDAYA BORNEO	2024
56.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	SAMBUTAN AIDILFITRI DAN TAHUN BAHARU CINA SECARA SERENTAK: PERTINDIHAN UNIK DALAM KALENDAR ISLAM DAN CINA	2024
57.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	DOKTOR FALSAFAH: ANTARA GELARAN DAN KESARJANAAN	2024

58.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	DARIPADA AMBANG KEKALAHAN KEPADA KEJAYAAN MEMBANGGAKAN	2024
59.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	METAFORA MENAMBAHKAN NILAI ARTISTIK DALAM PENULISAN TESIS BERKONTEKSKAN PENDIDIKAN MATEMATIK	2024
60.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	KEUNIKAN DI SEBALIK NAMA DAERAH DI JOHOR	2024
61.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	KISAH KOPI ORANG KITA	2024
62.	E-ESTIDOTMY	AKADEMI SAINS MALAYSIA	LET'S PLAY WITH MATH!	2024
63.	MAJALAH SAINS	MAJALAH SAINS	PERJALANAN IBADAH UMRAH BERNARATIFKAN STEM	2024
64.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	MERUNGKAI KEBAIKAN BUSY BOOK TERHADAP PERKEMBANGAN AWAL KANAK-KANAK	2024
65.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	MENYINGKAP UNGKAPAN INDAH CENDEKIAWAN MATEMATIK TERSOHOR ZAMAN SILAM	2024
66.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	PEKERJA KESUMA BANGSA DALAM KERANGKA MALAYSA MADANI	2024
67.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	HARI PENDIDIKAN ANTARABANGSA KEENAM: PEMBELAJARAN UNTUK KEAMANAN	2024
68.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	MENJELAJAHI DIMENSI BAHASA KEBANGSAAN DALAM KONTEKS PENDIDIKAN TINGGI MALAYSIA	2024
69.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	LORONG SENI SIMBOLIK KEBERAGAMAN BUDAYA JOHOR	2024
70.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	ETNOMATEMATIK MEMBENTUK PEMAHAMAN DAN SIKAP POSITIF TERHADAP BUDAYA	2024
71.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	KARTUN: MENGAPAKAH KANAK-KANAK TERPESONA DAN TERUJA?	2024
72.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	PENDIDIKAN STEM PEMANGKIN EKOSISTEM TVET	2024
73.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	NARATIF SEORANG PENYELIDIK: PENGGUNAAN TEKNOLOGI KECERDASAN BUATAN DALAM PENULISAN	2024
74.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	∏ DAN HARI MATEMATIK ANTARABANGSA.	2024
75.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	MENJEJAKI DIALEK CINA DALAM KOSA KATA PERBUALAN MATEMATIK MASYARAKAT MALAYSIA	2024
76.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	KEUNIKAN TOPOGRAFI MALAYSIA YANG DIUKIR OLEH ANGKA	2024
77.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	MERENTASI MASA DAN RASA DI KLUANG	2024
78.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	KEKAYAAN BUDAYA KOTA SEMARANG	2024
79.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	HARI GURU 2024: GURU JAUHARI DIGITAL ASPIRASI NEGARA MADANI	2024
80.	E-ESTIDOTMY	AKADEMI SAINS MALAYSIA	FROM BUMP TO BIRTH: NAVIGATING PARENTHOOD WITH STEM INSIGHTS (PART 1)	2023
81.	E-ESTIDOTMY	AKADEMI SAINS MALAYSIA	FROM BUMP TO BIRTH: NAVIGATING PARENTHOOD WITH STEM INSIGHTS (PART 2)	2023

82.	E-ESTIDOTMY	AKADEMI SAINS MALAYSIA	DECODING THE LEARNING THEORIES BEHIND A SIX-YEAR-OLD'S REMARKABLE FEAT AT THE WHEEL!	2023
83.	E-ESTIDOTMY	AKADEMI SAINS MALAYSIA	DOUBLE THE LOVE, DOUBLE THE CURIOSITY: FATHER OF PREEMIE TWINS SPARKS A MATHEMATICAL ADVENTURE!	2023
84.	MAJALAH SAINS	MAJALAH SAINS	PERKAITAN MATEMATIK: RAMADAN, SYAWAL DAN KEHIDUPAN	2023
85.	MAJALAH SAINS	MAJALAH SAINS	TUJUH FAKTA MENARIK DARIPADA KAJIAN TIMSS 2019 SUBJEK MATEMATIK DALAM KALANGAN MURID GRED 8 (TINGKATAN DUA) MALAYSIA	2023
86.	MAJALAH SAINS	MAJALAH SAINS	PERANAN IBU BAPA DALAM MENGEMBANGKAN KEMAHIRAN MATEMATIK KANAK-KANAK SATU HINGGA DUA TAHUN	2023
87.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	TEKNOLOGI PENDIDIKAN MATEMATIK: MEMUGAR MINAT ATAU MERENCAT BAKAT?	2023
88.	DEWAN KOSMIK	DEWAN BAHASA DAN PUSTAKA	KEAJAIBAN STEM DALAM PERJALANAN KEHAMILAN	2023
89.	DEWAN BUDAYA	DEWAN BAHASA DAN PUSTAKA	UNSUR BUDAYA DAN MATEMATIK BAGI MASYARAKAT ORANG ASLI JAKUN	2023
90.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	PEMAHAMAN MATEMATIK MURID ORANG ASLI MELALUI PENDEKATAN PENUKARAN KOD	2023
91.	DEWAN BAHASA	DEWAN BAHASA DAN PUSTAKA	MATEMATIK SEBAGAI SUATU BAHASA UNIVERSAL	2023
92.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	GEMENCHEH BOYS MENGGUGAH BAKAT MURID FELDA	2023
93.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	INFRASTRUKTUR SEKOLAH NADI KEJAYAAN PELAJAR	2023
94.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	SELAMAT HARI GURU, CIKGU!	2023
95.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	BUDAYA BELAJAR BUKAN BERORIENTASIKAN PEPERIKSAAN	2023
96.	MAJALAH SAINS	MAJALAH SAINS	IMPLIKASI COVID-19 TERHADAP KEMAHIRAN ABAD KE-21	2022
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99.	MAJALAH SAINS	MAJALAH SAINS	SAINS, TEKNOLOGI, KEJURUTERAAN DAN MATEMATIK (STEM) DI SEBALIK PANDEMIK COVID-19	2022
100.	MAJALAH SAINS	MAJALAH SAINS	KUNJUNGI UNIVERSITI; TEMPAT ORANG MENGEJAR ILMU TANPA MENGIRA MASA	2022
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102.	MAJALAH SAINS	MAJALAH SAINS	GALAKKAN PELAJAR MENJAWAB SOALAN SUBJEKTIF	2021
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104.	MAJALAH SAINS	MAJALAH SAINS	PENTAKSIRAN PISA: DI MANA KEDUDUKAN MALAYSIA UNTUK LITERASI MATEMATIK DALAM KALANGAN NEGARA ASIA TENGGARA?	2020
105.	MAJALAH SAINS	MAJALAH SAINS	COVID-19 DAN PEMIKIRAN STATISTIK PELAJAR	2020
106.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	PEMBANGUNAN PENDIDIKAN ANTARA MALAYSIA DENGAN KOREA SELATAN	2019
107.	DEWAN SISWA	DEWAN BAHASA DAN PUSTAKA	MELAWAT ABU DHABI: IBU KOTA MEWAH EMIRIAH ARAB BERSATU	2017
108.	DEWAN SISWA	DEWAN BAHASA DAN PUSTAKA	MENIKMATI KEINDAHAN KOTA PELABUHAN BUSAN	2017
109.	DEWAN SISWA	DEWAN BAHASA DAN PUSTAKA	MENEROKA KEINDAHAN BUMI SEOUL	2017
110.	DEWAN SISWA	DEWAN BAHASA DAN PUSTAKA	AMBIL KIRA KEPELBAGAIAN CIRI PELAJAR	2016
111.	DEWAN SISWA	DEWAN BAHASA DAN PUSTAKA	MENIKMATI KEINDAHAN KOTA BANDUNG	2016
112.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	PENTAKSIRAN TIMSS DI MANAKAH KEDUDUKAN PELAJAR MALAYSIA?	2018
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114.	DEWAN MASYARAKAT	DEWAN BAHASA DAN PUSTAKA	KBAT: CABARAN BESAR UNTUK GURU DAN MURID	2016
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4.	UTMNEWSHUB	GURU BITARA NADI NEGARA	2026
5.	UTMNEWSHUB	KOLEJ KEDIAMAN LEBIH DARIPADA SEKADAR TEMPAT TINGGAL	2026
6.	THOUGHTS BERNAMA	THE HOPE OF RPM 2026-2035 FOR A BETTER SPM	2026
7.	MEDIA SELANGOR	KAPALKU CUMA SATU	2026
8.	UTMNEWSHUB	3.14159… DAN HARAPAN SEBUAH UNIVERSITI	2026
9.	BERITA HARIAN	RPN 2026-2035 BENTUK GENERASI PENCIPTA KEMAKMURAN MASA HADAPAN	2026
10.	UTMNEWSHUB	LAPAN MAHASISWA FEST UTM BERJAYA TERBIT EMPAT MAKALAH MATEMATIK PERINGKAT KEBANGSAAN	2026
11.	UTMNEWSHUB	DARI TASIK KE PUNCAK, DARI ILMU KE INSAN	2026
12.	UTMNEWSHUB	KAMPUS YANG MENDIDIK DI SEBALIK NAMA JALAN	2026
13.	UTMNEWSHUB	INTERNATIONAL DAY OF EDUCATION 2026: YOUTH AS CO-CREATORS OF THE NATION'S FUTURE	2026
14.	UTMNEWSHUB	MAKNA DAN IDENTITI DI SEBALIK PINTU GERBANG IKONIK UNIVERSITI TEKNOLOGI MALAYSIA	2026
15.	THOUGHTS BERNAMA	WHY ABOLISHING THE MATRICULATION PROGRAMME IS NOT RELEVANT	2025
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18.	UTMNEWSHUB	AIR MATA SYUKUR DAN PENUH HARAPAN DI PINTU MENARA GADING	2025
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26.	THOUGHTS BERNAMA	TEACHER WORKLOAD, BURNOUT, AND THE RISING TREND OF EARLY RETIREMENT IN MALAYSIA	2025
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139.	NEW STRAITS TIMES	LONG ROAD AHEAD AFTER PMR	2011

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

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
KEYNOTE ADDRESS				
1.	Keynote Speaker	International Conference on Educational Theories, Practices, and Research	4 – 5 July 2024	UIN Syekh Ali Hasan Ahmad Addary Padangsidimpuan Padangsidimpuan, Indonesia
2.	Keynote Speaker	The International Day of Mathematics (IDM) 2024	9 March 2024	Sriwijaya University
3.	Keynote Speaker	1st Conference on Educational Theories, Practices and Research "Development of Post-Pandemic	4-5 July 2023	UIN Syeikh Ali Hasan Ahmad Addary

		Education to Face the Social Era 5.0		Padangsidimpuan Indonesia
4.	Keynote Speaker	3rd International Conference on Educational Studies and Mathematics (ICOESM) 2023	19-20 August 2023	Universitas Negeri Makassar Indonesia
5.	Keynote Speaker	4th International Conference on Innovation in Education (IcoIE)	10 December 2022	Universitas Negeri Padang
6.	Keynote Speaker	International Conference of Elementary Education (ICETE)	12 September 2020	Universitas Negeri Padang
7.	Keynote Speaker	2nd International Conference on Mathematics and Mathematics Education	30 June - 1 July 2018	Universitas Negeri Padang
8.	Keynote Speaker	International Seminar on Mathematics Education 2017 (Intersection'17)	6 May 2024	Makassar, Sulawesi Selatan, Indonesia
9.	Keynote Speaker	MRSM Mathematics Teachers Education Summit 2014	25 June 2014	De Palma Hotel, Ampang, Selangor
PLENARY SPEAKER				
1.	Plenary Speaker	Plenary Speaker in conjunction with the outbound program UTM-UPGRI Semarang 2023	18 March 2023	Universitas PGRI Semarang, Indonesia
2.	Plenary Speaker	International colloquium between UTM and Universitas Negeri Makassar	26 April 2021	Universiti Teknologi Malaysia (UTM)
3.	Plenary Speaker	Mathematics Education Postgraduate Week	24 September 2019	Universitas Negeri Malang, Indonesia
4.	Plenary Speaker	5th International Education Postgraduate Seminar 2018 (5th IEPS 2018)	11 December 2018	Double Tree by Hilton Hotel, Johor Bahru
5.	Plenary Speaker	6th South East Asia Design Research (SEA-DR) Conference	27 - 28 Jun 2018	Universitas Syiah Kuala (Unsyiah), Banda Aceh, Indonesia
6.	Plenary Speaker	Journey to Astana Expo 2017	12 – 19 August 2017	Astana, Kazakhstan
7.	Plenary Speaker	5th South East Asia Development Research International Conference (5th SEA-DR)	3 – 4 May 2017	Banjarmasin, South Kalimantan, Indonesia
8.	Plenary Speaker	Minggu Program Studi Pendidikan Matematika	16 September 2015	Universitas Maritim Raja Ali Haji (UMRAH), Senggarang Indonesia
POSTER PRESENTER				
1.	Poster Presenter	41st Annual Conference of the International Group for Psychological of Mathematics Education (PME41)	17 – 22 July 2017	National Institute of Education, NTU, Singapore
ORAL PRESENTER				

1.	Oral Presenter	Perak Policy & Research Conference (PPRC) 2026	7 May 2026	Ipoh, Perak
2.	Oral Presenter	IEEE Global Engineering Education Conference (IEEE EDUCON) 2026	27 – 30 April 2027	Cairo, Egypt
3.	Oral Presenter	IEEE Global Engineering Education Conference (IEEE EDUCON) 2025	22 – 25 April 2025	London, United Kingdom
4.	Oral Presenter	Frontiers in Education 2024 Conference	13 – 16 Oct 2024	Washington DC, United States of America
5.	Oral Presenter	The National Mathematical Science Symposium (SKSM-30)	26 – 27 Sep 2023	Alor Setar, Kedah
6.	Oral Presenter	5th International Conference on Mathematical Sciences ICMS5	16 -17 May 2024	Bangi, Selangor
7.	Oral Presenter	Seminar Majlis Dekan-Dekan Pendidikan Universiti Awam 2023	27 – 28 July 2023	Faculty of Education, Universiti Malaya
8.	Oral Presenter	2019 IEEE International Conference on Engineering, Technology and Education (TALE)	10 – 13 Oct 2019	Yogyakarta, Indonesia
9.	Oral Presenter	2018 IEEE 10th International Conference on Engineering Education (ICEED)	8-9 Nov. 2018	Kuala Lumpur, Malaysia
10.	Oral Presenter	2018 IEEE Global Engineering Education Conference (EDUCON)	18-20 April 2018	Canary Islands, Spain
11.	Oral Presenter	19th International Conference on mathematics Education (ICME 2017)	26-27 February 2017	Dubai, UAE
12.	Oral Presenter	2016 4th International Conference on Information and Communication Technology (ICoICT)	25-27 May 2016	Bandung, Indonesia
13.	Oral Presenter	Seminar Majlis Dekan-Dekan Pendidikan Universiti Awam 2016	3-15 November 2016	Bayan Lepas, Pulau Pinang
14.	Oral Presenter	2016 6th Regional Conference on Engineering Education (RCEE)	9-10 August 2016	Kuala Lumpur, Malaysia
15.	Oral Presenter	Seminar Majlis Dekan-Dekan Pendidikan Universiti Awam 2015	14 – 15 Sep 2015	Universiti Tun Hussein Onn Malaysia (UTHM)
16.	Oral Presenter	2015 IEEE 7th International Conference on Engineering Education (ICEED)	17-18 Nov. 2015	Kanazawa, Japan
17.	Oral Presenter	2014 International Conference on Teaching and Learning in Computing and Engineering (LATICE)	11 – 13 April 2014	Kuching, Sarawak
18.	Oral Presenter	2014 International Conference on Teaching, Assessment and Learning for Engineering (TALE)	8-10 Dec. 2014	Wellington, New Zealand
19.	Oral Presenter	Seminar Antarabangsa Kelestarian Insan 2014	9 – 10 April 2014	Universiti Tun Hussein Onn Malaysia (UTHM)

20.	Oral Presenter	Konvensyen Antarabangsa Jiwa Pendidik 2014	11-13 August 2014	Universiti Teknologi Malaysia (UTM)
21.	Oral Presenter	4th International Conference on Learner Diversity (ICELD)	17-18 September 2024	Bangi, Selangor

PROFESSIONAL SERVICES

Community Project

NO	ROLE	NAME OF PROJECT	DATE	TOTAL VALUE OF PROJECT (RM)
1.	Principal Investigator	Iskandar Puteri Kesayanganku	11/07/ 2023 – 31/01/2024	RM20,000.00
2.	Co-Investigator	Program Pemindahan Ilmu QSTEM dalam kalangan pelajar Sekolah Menengah Agama Hidayah	2022	RM2,000.00
3.	Co-Investigator	Perlaksanaan Amalan Refleksi Menerusi Kajian Tindakan Dalam Kalangan Guru	2019	-
4.	Co-Investigator	Program Kem Kecemerlangan Akademik dan Pemantapan Sahsiah Murid Sek Men Keb Seri Pulai Perdana	2018	-
5.	Co-Investigator	Bengkel Berkala Pembangunan Modul Pengajaran STEM dan PAK 21	2018	-

Community and University Services

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
1.	Fasilitator	Bengkel WoS Writing: From Critical Draft To Journal Publication	5/03/2026	6/03/2026	Fakulti Sains Pendidikan dan Teknologi, UTM
2.	Ahli	Program Pemindahan Ilmu QSTEM dalam kalangan pelajar Sekolah Menengah Agama Hidayah	15/06/2022-31/10/2023	National	Sekolah Menengah Agama Hidayah
3.	Ahli	Program Kem Kecemerlangan Akademik dan Pemantapan Sahsiah Murid Sek Men Keb Seri Pulai Perdana	01/06/2018-31/05/2019	National	Sek Men Keb Seri Pulai Perdana
4.	Ahli	Bengkel Berkala Pembangunan Modul Pengajaran STEM dan PAK 21	01/01/2018-31/01/2019	National	Sek Men Keb Seri Pulai Perdana
5.	Ahli	Bengkel Pemantapan Pengajaran Dan Pembelajaran Guru-Guru Matematik Dan Sains MRSM Johor Bahru	15/1/2017	National	MRSM Johor Bahru

6.	Penceramah	Penceramah Motivasi UPSR Sek. Keb. Bukit Rokan Barat (F), Gemencheh, Negeri Sembilan	20/8/2016	National	Sek. Keb. Bukit Rokan Barat (F)
7.	Penceramah	Penceramah (Latihan Dalam Perkhidmatan) untuk Guru Matematik	30/4/2016	National	Sek. Men. Sains Selangor, Kuala Lumpur
8.	Jawatankuasa dan Sukarelawan	Program Sekolah Dalam Hospital (SUDAH)	5/6/2015	National	Hospital Sultanah Aminah, Johor Bahru
9.	Penceramah	Latihan Dalam Perkhidmatan Peringkat Sekolah, Sek. Men. Keb. Saujana Utama, Sungai Buloh, Selangor.	6/9/2014	National	Sek. Men. Keb. Saujana Utama, Sungai Buloh, Selangor.
10.	Penceramah	Program 3 Penjuru Tahun 2013 Sek. Keb. Bukit Rokan Barat (F)	21/6/2013	National	Sek. Keb. Bukit Rokan Barat (F)

Endowment and Wakaf to University

NO	NAME OF ENDOWMENT AND WAKAF	TOTAL CONTRIBUTION (RM)
1.	Zakat to Pusat Islam UTM	Monthly
2.	Wakaf	Monthly

Copyright

NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT
1.	Geovan: Sistem atas talian dwibahasa bagi pembelajaran geometri secara kendiri menggunakan pendekatan Model Van Hiele	©2009/211/988
2.	MyGSP	©2014/257/2813
3.	Modul pembelajaran kendiri Qstem Ar Vr	LY2022J03713
4.	Polym3r	LY2023J04198
5.	Personal hygiene (hand hygiene)	IP/CR/00628
6.	Mathematics teacher competencies-higher order thinking skills scale (MTC-HOTS scale)	LY2020006134
7.	Kerangka konstruk kesediaan dan keperluan latihan perguruan revolusi industri 4.0 bagi guru pelatih di universiti awam	LY2019007467
8.	Instrumen kesediaan pensyarah terhadap pelaksanaan konstruk latihan perguruan revolusi industri 4.0 bagi guru pelatih di universiti awam	LY2019008219
9.	Lembaran kerja strategi penaakulan induktif dengan perisian GeoGebra untuk topik graf fungsi II	IP/CR/2019/0007
10.	Protokol temubual kajian amalan pedagogi abad ke-21 guru matematik menengah rendah	LY2019002138
11.	Soal selidik kajian amalan pedagogi abad ke-21 guru matematik menengah rendah	LY2019002137
12.	Soal selidik faktor-faktor penghalang guru menggunakan ICT dalam pengajaran matematik	LY2019002135
13.	Soal selidik kesediaan guru matematik dalam pelaksanaan kurikulum matematik standard sekolah menengah KSSM	LY2018006155

14.	Soal selidik kaedah pengajaran guru dalam meningkatkan pengetahuan metakognitif dan tingkah laku metakognitif murid	LY2018002701
15.	Soal selidik kajian tahap pengetahuan dan amalan guru matematik sekolah menengah terhadap pelaksanaan kemahiran berfikir aras tinggi KBAT	LY 2018003908
16.	YISTEM B- An acronym for questionnaire of Young Innovators Program on STEM's interest, career and characteristics among mentee	LY2018006207
17.	YISTEM A- An acronym for questionnaire of Young Innovators Program on STEM's competency, interest and career among mentor	LY2019002185
18.	Aktiviti pembelajaran koperatif jigsaw untuk tajuk wang hingga RM 100000 tahun 5	LY2018001370
19.	Soal selidik kesediaan guru melaksanakan pendidikan sains teknologi kejuruteraan dan matematik STEM	LY2017005931
20.	Aktiviti pembelajaran matematik tingkatan satu berasaskan peta pemikiran	LY2017005901
21.	Instrumen pengukuran kesediaan guru matematik sekolah menengah dalam melaksanakan proses pembelajaran dan pengajaran abad ke-21	LY2017005920
22.	Soalan matematik kemahiran berfikir aras tinggi KBAT bagi topik ukuran asas tingkatan 1	LY2017003099
23.	Modul pengurusan trauma bagi mangsa banjir	LY2017001953
24.	Modul pendidikan bagi mangsa banjir	LY2016003819
25.	Modul pembangunan kemahiran insaniah bagi mangsa banjir	LY2016003817
26.	Soalan matematik kemahiran berfikir aras tinggi KBAT bagi topik urutan dan pola nombor tingkatan 1	LY2016003769
27.	Soalan matematik kemahiran berfikir aras tinggi KBAT bagi topik nombor bulat tingkatan 1	LY2016003767
28.	Questionnaire for assessing mathematical competencies among engineering students through service learning program	LY2016003354
29.	Soal Selidik Pengetahuan Teknologi Pedagogi Kandungan (PTPK)	LY2024J02627
30.	Ujian Tahap Pemahaman Matematik Sekolah Rendah Dalam Bahasa Jakun	LY2024J04227
31.	Protokol Temu Bual Analisis Keperluan Pembelajaran Matematik Murid Orang Asli Sekolah Rendah	LY2024J04228
32.	Aktiviti Matematik Sekolah Rendah Murid Orang Asli Berasaskan Kercang	LY2026E02569