



PERSONAL DETAILS

Name : Muhammad Abd Hadi Bin Bunyamin
Gender : Male
Date of Birth/Age : 16 October 1986 / 38 years old
Nationality : Malaysia
Marital Status : Married
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ID Staff : 11489
Expertise : STEM Education, Physics Education, Science Education
H-Index (WOS) : 2
H-Index (SCOPUS) : 6
H-Index (G. Scholar) : 15
H-Index (Researchgate) : 8

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1	Doctor of Philosophy	Science Education	University of Minnesota-Twin Cities, USA	21 January 2013	31 August 2017
2	Master's Degree	Physics Education	Universiti Teknologi Malaysia	2 July 2009	30 August 2011
3	Bachelor's Degree	Physics Education	Universiti Teknologi Malaysia	2 July 2005	30 June 2009

AWARD AND HONORS RECEIVED

Summary	
International Awards/Honors	5
National Awards/Honors	1
UTM Awards/Honors	21
Faculty Awards/Honors	7

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1	Visiting Researcher & Lecturer at SERRAL (Sustainable Education Researchers' Alliance), in collaboration Cyber University, Jakarta, and Sekolah Al-Azhar, Jakarta, Indonesia	International	2024
2	Exhibition Award (Gold Medal) – International Research and Innovation Symposium and Exposition (RISE) 2023	International	2023
3	Anugerah Perkhidmatan Cemerlang (APC) Majlis Citra Karisma UTM	UTM	2023
4	Anugerah Gemilang Canseleri	UTM	2023
5	Award of Excellence of Active Blended Learning Course SHPN 4442-01 STEM Education (Semester 1 2022/2023)	UTM	2023
6	Award of Excellence of Active Blended Learning Course SHPA 2001-08 Microteaching (Semester 1 2022/2023)	UTM	2023
7	Award of Excellence of Active Blended Learning Course MHPF 1113-01 Teaching and Learning in Physics (Semester 1 2022/2023)	UTM	2023
8	Anugerah Penghargaan Penyelaras Program Akademik Pascasiswazah	Faculty	2023
9	Anugerah Penulisan dalam Jurnal Berindeks	Faculty	2023
10	Exhibition Award (Silver Medal) – International Research and Innovation Symposium and Exposition (RISE) 2022	International	2022
11	Award of Excellence of Active Blended Learning Course MHPU 1013-02 Innovation in Education (Semester 2 2021/2022)	UTM	2022
12	Award of Excellence of Active Blended Learning Course MHPS 1123-01 Design and Implementation of Science Curriculum (Semester 2 2021/2022)	UTM	2022
13	Award of Excellence of Active Blended Learning Course MHPF 1123-01 Curriculum in Physics Education (Semester 2 2021/2022)	UTM	2022
14	Best Presenter Award – Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam 2022	National	2022
15	Finalis Anugerah Penulis Prolifik	Faculty	2021
16	Anugerah Perkhidmatan Cemerlang	Faculty	2021
17	Award of Excellence of Active Blended Learning Course UHMT 1012-58 Graduate Success Attributes (Semester 1 2020/2021)	UTM	2021
18	Award of Excellence of Active Blended Learning Course UHMT 1012-23 Graduate Success Attributes (Semester 1 2020/2021)	UTM	2021
19	Award of Excellence of Active Blended Learning Course MPPF 1113-01 Teaching and Learning Models in Physics (Semester 1 2020/2021)	UTM	2021

20	Bronze Award in NALI 2020 Exhibition & Competition (Ref: AG/2020/05082)	International	2020
21	Anugerah Perkhidmatan Cemerlang	Faculty	2020
22	Award of Excellence of Active Blended Learning Course MPPF 1103-01 Design and Implementation of Physics Curriculum (Semester 2 2019/2020)	UTM	2020
23	Award of Excellence of Active Blended Learning Course UHAK 1012-13 Graduate Success Attributes (Semester 2 2019/2020)	UTM	2020
24	Award of Excellence of Active Blended Learning Course MPPF 1113-01 Teaching and Learning Models in Physics (Semester 1 2019/2020)	UTM	2020
25	Award of Excellence of Active Blended Learning Course UHMT 1012-28 Graduate Success Attributes (Semester 1 2019/2020)	UTM	2020
26	Award of Excellence of Active Blended Learning Course UHMS 1172-25 Malaysian Dynamics (Semester 1 2019/2020)	UTM	2020
27	Award of Excellence of Active Blended Learning Course UHMT 1012-24 Graduate Success Attributes (Semester 1 2019/2020)	UTM	2020
28	Anugerah Pengajaran Harapan	Faculty	2020
29	Silver Award in NALI 2019 Exhibition & Competition	International	2019
30	Anugerah Perkhidmatan Cemerlang	Faculty	2019
31	Award of Excellence of Active Blended Learning Course MPPF 1113-01 Teaching and Learning Models in Physics (Semester 1 2018/2019)	UTM	2019
32	Award of Excellence of Active Blended Learning Course MPPF 1103-01 Design and Implementation of Physics Curriculum (Semester 2 2018/2019)	UTM	2019
33	Award of Excellence of Active Blended Learning Course MPPF 1103-01 Design and Implementation of Physics Curriculum (Semester 2 2017/2018)	UTM	2018
34	Bronze Award in NALI 2018 Exhibition & Competition	UTM	2018

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
1	Senior Lecturer	31 August 2017	Present	School of Education, Faculty of Social Sciences and Humanities, UTM
2	Tutor	19 October 2009	30 August 2017	Dept. of Science and Mathematics Education and Creative Multimedia, Faculty of Education, UTM

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

Summary	
International Professional Membership / Qualifications / Recognition	41
National Professional Membership / Qualifications / Recognition	32
UTM Professional Membership / Qualifications / Recognition	9
Faculty Professional Membership / Qualifications / Recognition	32

NO	NAME OF PROFESIONAL MEMBERSHIP/QUALIFICATIONS/RECOGNITIONS	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1	National Association for Research in Science Teaching (NARST), United States of America (USA)	International	Chair of Elections Committee & Member	2025/2026
2	Young Scientist Network, Academy of Science Malaysia (YSN-ASM)	National	Co-Chair of Science Policy & Governance Working Group & Member	2024
3	Panduan Pelaksanaan STEM dalam Pengajaran dan Pembelajaran, Kementerian Pendidikan Malaysia	National	Panel Penggubal	2023
4	Instrument Review for PhD Student Research (Samijah Ruwiyah)	Faculty	Instrument Reviewer	2023
5	Supervisor of Final Year Undergraduate Students	Faculty	Supervisor	2023-2024
6	Penilaian e-Poster Projek Sarjana Muda	Faculty	Evaluator	2023
7	Pemetaan Kurikulum Sekolah Rendah Bagi Matapelajaran Sains dan Matematik, Kementerian Pendidikan Malaysia	National	Panel Penggubal Kurikulum	2023
8	Bengkel Kerja Perbandingan Kurikulum Matematik Sekolah Rendah, Kementerian Pendidikan Malaysia	National	Penyemak	2023

9	Penyelesaian Radikal Memartabat Pendidikan Tinggi	UTM	Book Editor	2023
10	PhD Proposal Presentation Session (Abdul Zahin Aman)	Faculty	Assistant Chairman	2023
11	Master Proposal Presentation Session (Maizatul Nabila Mohd Suratin)	Faculty	Internal Examiner	2023
12	PhD Viva Session (Lai Chin Siong)	Faculty	Assistant Chairman	2023
13	Final Examination Semester 1 Session 2022/2023	Faculty	Ketua Pengawas Peperiksaan Akhir	2023
14	Instrument Review for PhD Student Research (Nur Erwani Rozi, UPSI)	National	Instrument Reviewer	2023
15	Instrument Review for PhD Student Research (Muhammad Kamarul Azman Sulaiman, UKM)	National	Instrument Reviewer	2023
16	International Innovation Competition In Education (IICE) 2023	International	Proceeding Editor	2023
17	Journal of Pedagogy and Education Science (JPES)	International	Editorial Board	2023
18	International Conference on Student Development (ICOSD2023)	International	Reviewer	2023
19	Instrument Review for PhD Student Research (Wimbi Apriwanda Nursiwan)	Faculty	Instrument Reviewer	2023
20	Disciplinary and Interdisciplinary Science Education Research Journal (DISER)	International	Reviewer	2023
21	International Journal of Evaluation and Research in Education (IJERE)	International	Reviewer	2023

22	Teaching and Teacher Education Journal (TATE)	International	Reviewer	2023
23	Asia Pacific Science Education Journal (APSE)	International	Reviewer	2023
24	CALOHEA Workshop 2023	International	Moderator	2023
25	Ketua Pengawas Peperiksaan Semester II 2022/2023	Faculty	Ketua Pengawas Peperiksaan Akhir	2023
26	Pertandingan Mendeklamasikan Sajak/Puisi Bertemakan Kemerdekaan Bagi Sambutan Bulan Kebangsaan 2023	Faculty	Panel Penilai	2023
27	Pelan Tindakan Memartabatkan Bahasa Melayu Sebagai Bahasa Ilmu di Institusi Pendidikan Tinggi Awam 2023-2030	National	Pegawai Fokal	2023-2024
28	Faculty of Social Sciences and Humanities UTM	Faculty	Academic Advisor	2022-Now
29	Jurnal Pendidikan Fizika	International	Editorial Board	2022
30	Perkongsian Perundingan Bersama Agensi Kerajaan	UTM	Moderator	2022
31	Instrument Review for PhD Student Research (Norhafizan Binti Abdul Wahab, UPM)	National	Instrument Reviewer	2022
32	Jurnal Sains Humanika	National	Reviewer	2022
33	Instrument Review for PhD Student Research (Mat Rasid Ishak, UM)	National	Instrument Reviewer	2022
34	Data Analysis Review for PhD Student Research (Woo Pei Syen, UTM)	Faculty	Data Analysis Reviewer	2022

35	The 2nd Symposium on Teaching and Learning Practices in Electrical Engineering (STLEE) 2022	International	Reviewer	2022
36	Seminar Nasional Fizika (SNF) 2022 (Indonesia)	International	Reviewer	2022
37	Instrument Review for PhD Student Research (Shariza Shahari, UTM)	Faculty	Instrument Reviewer	2022
38	Instrument Review for PhD Student Research (Salbiah Mohamad Hasim, UKM)	National	Instrument Reviewer	2022
39	Research Study for Master's Degree (by Taught Course)	Faculty	Reviewer	2022
40	Buletin Persatuan Pendidikan Sains dan Matematik Johor (PPSMJ)	National	Reviewer	2022
41	International Conference of the National Association for Research on Science Teaching (NARST)	International	Reviewer	2022
42	Instrument Review for Master Student Research (Lokman Hakim Muhammed, UM)	National	Instrument Reviewer	2022
43	Instrument Review for PhD Student Research (UMS)	National	Instrument Reviewer	2022
44	Instrument Reviewer for Ministry of Education of Malaysia	National	Instrument Reviewer	2022
45	Journal of Contemporary Issues in Technology and Teacher Education - Science (CITE)	International	Reviewer	2022
46	Reforming Science Teacher Education Programs in The STEM Era	International	Reviewer	2022
47	ASM Science Journal (Manuscript A)	International	Reviewer	2022

48	ASM Science Journal (Manuscript B)	International	Reviewer	2022
49	Laporan Tahunan 2022 Pusat Jaringan Komuniti dan Industri UTM	UTM	Proofreader	2022
50	Temuduga Calon Bakal Guru UTM Ijazah Sarjana Muda Sains serta Pendidikan dengan Kepujian (Fizik)	Faculty	Interview Panel	2022
51	Pertandingan Mendeklamasi Sajak/Puisi Kemerdekaan	Faculty	Panel Penilai	2022
52	Planetary Health Forum 2022	National	Moderator	2022
53	Forum Kemerdekaan 2022	Faculty	Ahli Panel Forum	2022
54	Instrument Reviewer for Ministry of Education of Malaysia	National	Instrument Reviewer	2021
55	Pusat Strategi dan Perhubungan Korporat, Universiti Putra Malaysia	National	Book Manuscript Reviewer	2021
56	Pertandingan Video Pendek Colours of Science	National	Panel Juri	2021
57	Instrument Reviewer for Universiti Kebangsaan Malaysia	National	Instrument Reviewer	2021
58	Pertandingan Mengarang Sajak/Puisi Kemerdekaan 2021	Faculty	Panel Penilai	2021
59	Instrument Review for PhD Student Research (Mohd Hasrulamri Dollah, UKM)	National	Instrument Reviewer	2021
60	Instrument Reviewer for Ministry of Education of Malaysia	National	Instrument Reviewer	2021
61	Instrument Review for PhD Student Research (Abdul Halim Roslan, USM)	National	Instrument Reviewer	2021

62	Jurnal Pendidikan Fizika	International	Reviewer	2021
63	Persatuan Mahasiswa Pendidikan UTM	UTM	Penasihat Persatuan Pelajar	2020-2022
64	TES DCP FSSK 2020	Faculty	Facilitator	2020
65	Jurnal Pendidikan IPA	International	Editorial Board	2020-2021
66	Instrument Review for PhD Student Research (Siti Nor Fazila Ramli, USM)	National	Instrument Reviewer	2020
67	Malaysian Journal of Education	International	Reviewer	2020
68	Cultural Studies of Science Education Journal	International	Reviewer	2020
69	Virtual International Conference on Ubiquitous Education and Learning (VICUEL) 2020	International	Reviewer	2020
70	Research Study 2	Faculty	Reviewer	2020
71	Instrument Review for PhD Student Research (Rubaaiah Sidek, UKM)	National	Instrument Reviewer	2020
72	Regional Conference in Engineering Education (RCEE) & Research in Higher Education (RHed) 2020	International	Reviewer	2020
73	Instrument Review for PhD Student Research (Nur 'Irma Diyana Mohd Norbi, UKM)	National	Instrument Reviewer	2020
74	Leadership Symposium 2020	International	Reviewer	2020
75	Instrument Review for PhD Student Research (Siti Najihah Jamal, UTM)	Faculty	Instrument Reviewer	2020
76	ASEAN Journal of Engineering Education	International	Reviewer	2020
77	Asia Pacific Journal of Education	International	Reviewer	2020

78	SPACE Teaching Practice	UTM	Supervisor	2020
79	New Academia Learning Innovation (NALI) 2020	International	Moderator	2020
80	PhD Viva Session (Aliyu Bako)	Faculty	Assistant Chairman	2020
81	PhD Viva Session (Mohd Munir Baharom)	Faculty	Assistant Chairman	2020
82	PhD Viva Session (Muhammad Nasiru Hassan)	Faculty	Assistant Chairman	2020
83	Bengkel Hands-On Penulisan Artikel Akademik Untuk Bacaan Umum	Faculty	Mentor	2020
84	Bengkel Introduction to Writing Scholarly Experience Sharing Papers in Engineering Education	UTM	Facilitator	2020
85	SPACE Teaching Practice	UTM	Supervisor	2019
86	Bioedukasi: Jurnal Biologi dan Pembelajarannya	International	Reviewer	2019-2021
87	5th International Conference on Educational Research and Practice (ICERP) 2019	International	Reviewer	2019
88	ASEAN Journal of Engineering Education	International	Reviewer	2019
89	PSYCHOLOGY (PSYCH) Journal	International	Reviewer	2019
90	Cultural Studies of Science Education Journal	International	Reviewer	2019
91	PERTANIKA Journal	International	Reviewer	2019
92	Asia Pacific Journal of Education	International	Reviewer	2019
93	Research Study for Master's Degree (by Taught Course)	Faculty	Reviewer	2019
94	e-Poster Semester II 2018/2019	Faculty	Facilitator	2019
95	Final Examination Semester II Session 2019/2020	Faculty	Ketua Pengawas Peperiksaan Akhir	2019
96	Universitas Negeri Malang	International	Moderator	2019

97	Academic Job Application for Anis Diyana Halim	National	Referee	2019
98	Academic Job Application for Lilia Ellany Mohtar	National	Referee	2019
99	Projek Sarjana Muda	Faculty	Evaluator	2019
100	Short Course Proposal Preparations	Faculty	Evaluator	2019
101	e-Poster Semester I 2019/2020	Faculty	Facilitator	2019
102	Prosiding Isu-Isu Pendidikan Kontemporari	UTM	Proceeding Editor	2019
103	Instrument Review for PhD Student Research (Fariyah Mohd Jamel, USM)	National	Instrument Reviewer	2019
104	Instrument Review for Master Student Research (Nur Rosliana Mohd Hafiz, UPSI)	National	Instrument Reviewer	2019
105	UTM Visiting Associate Professor	UTM	Facilitator	2019
106	Indonesian Review of Physics	International	Editorial Board	2018-2023
107	Instrument Review for PhD Student Research (Nur Farhana Ramli, UPM)	National	Instrument Reviewer	2018
108	2nd International Conference on STEM Education 2018	International	Reviewer	2018
109	Research Study for Master's Degree (by Taught Course)	Faculty	Reviewer	2018
110	EURASIA Journal of Mathematics, Science and Technology	International	Reviewer	2018
111	4th IEPS 2017 Article for Asian Social Science Journal	International	Reviewer	2018
112	Pembinaan Item Bagi Ujian Diagnostik Guru Bidang Sains, Teknologi, Kejuruteraan dan Matematik (STEM), Kementerian Pendidikan Malaysia (KPM)	National	Expert Panel	2018
113	New Academic Learning Innovation (NALI) Award 2018	International	Jury	2018

114	International Conference on Creative and Innovative Technology in Education 2018	International	Reviewer	2018
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ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ FACULTY/ DIVISION
1	Research Executive (University Appointment)	1 February 2022	31 January 2027	UTM Vice-Chancellor Office, Department of Chancellory
2	Postgraduate Academic Programme Coordinator for Physics Education (Faculty Appointment)	1 February 2022	31 December 2022	School of Education, Faculty of Social Sciences and Humanities, UTM

CONSULTATION WORKS

Summary	
Consultation Project-UTM	2 projects (RM 43,387.50)
Consultation Project- Others	6 projects (RM 753,418.29)

No.	Year	Title	Value	Vot
1	2023	International Innovation Competition in Education 2023	RM 480.00	UTIM 208
2	2022	Festival Sains dan Matematik & Persidangan Antarabangsa Pendidikan Sains dan Matematik 2022	RM 6480.00	185
3	2022	Minggu Sains Negara Keluarga Malaysia (MSNKM 2022)	RM 60,000.00	A.J540000.6800.09447
4	2020	Perlaksanaan Program Latihan Pengurusan Sisa Pepejal Luar Bandar Siri Kedua	RM 98,950.50	1713
5	2020	Kajian Pembangunan Pelan Induk Keselamatan & Kesihatan Pekerjaan (KKP) 2021-2025	RM 194,186.05	1540 (2020)
6	2019	6th International Social Sciences Postgraduate Conference	RM 36907.50	A.J530500.5600.06161
7	2019	Perlaksanaan Program Latihan Pengurusan Sisa Pepejal Luar Bandar Dengan Kerjasama Universiti Teknologi Malaysia (UTM)	RM 99,950.00	1598
8	2019	Kajian Pembangunan Pelan Induk Keselamatan & Kesihatan Pekerjaan (KKP) 2021-2025	RM 299,851.74	1540

INTERNATIONAL/NATIONAL/UNIVERSITY COMMITTEE

Summary	
International Committee	20
National Committee	6
University Committee	26
Faculty Committee	37
Community Committee	9

International

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Election Committee of National Association for Research In Science Teaching (NARST), United States of America (USA)	Chair	20 March 2024	19 March 2025
2	CALOHEA@USM 2023	Committee Member	15 November 2023	16 November 2023
3	CALOHEA 6th General Meeting	Deputy Director	12 June 2023	13 June 2023
4	International Innovation Competition In Education (IICE) 2023	Committee Member	1 May 2023	31 December 2023
5	International Conference in Science and Mathematics Education 2022	Committee Member	8 November 2022	10 November 2022
6	6th International Social Sciences Postgraduate Conference 2019	Chair of Parellel Session	2 December 2019	3 December 2019
7	6th International Social Sciences Postgraduate Conference 2019	Committee Member	2 December 2019	3 December 2019
8	International Teaching Practice Program 2019	Supervisor	3 September 2019	30 September 2019
9	International Study Visit Program 2019	Committee Member	4 March 2019	12 March 2019
10	1st International Conference on STEM Education	Organising Committee	22 January 2019	24 January 2019
11	5th International Education Postgraduate Seminar (IEPS) 2018	Committee Member	10 December 2018	11 December 2018
12	3rd Technical and Vocational Education and Training International Conference 2018	Chair of Parellel Session	26 November 2018	27 November 2018
13	2nd International Conference on STEM Education 2018 (ICSTEM 2018)	Chair of Parellel Session	2 October 2018	3 October 2018
14	International Conference on Creative and Innovative Technology in Education 2018	Committee Member	24 July 2018	25 July 2018
15	International Conference on Creative and Innovative Technology in Education 2018	Chair of Parellel Session	24 July 2018	25 July 2018

16	NALI Symposium 2018 Parallel Session	Chair of Parellel Session	28 May 2018	28 May 2018
17	Jawatankuasa Program Si-In Universitas Ahmad Dahlan, Indonesia	Chairman	7 April 2018	13 April 2018
18	Jawatankuasa Program Internship Universitas Hamzanwadi 2018	Committee Member	1 April 2018	3 April 2018
19	Jawatankuasa Kolokium Penyelidikan Pendidikan UTM dengan Universitas Negeri Makasar	Committee Member	26 March 2018	26 March 2018
20	Jawatankuasa Montaj dan Dokumentasi Program Study Visit Universitas Negeri Surabaya (UNESA) Indonesia 2018	Committee Member	1 January 2018	28 February 2018

National

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Young Scientist Network	Co-Chair of Science Governance and Policy Working Group	1 January 2024	31 December 2024
2	Jawatankuasa Minggu Sains Negara 2022	Committee Member	27 August 2022	28 August 2022
3	Minggu Kreativiti dan Inovasi	Deputy Director	1 March 2022	31 March 2022
4	Penyemakan Semula Dokumen Standard Pembangunan Profesionalisme Berterusan Bil.1/2020 Kementerian Pendidikan Malaysia	Committee Member	7 October 2020	8 October 2020
5	National Student Development Conference (NASDEC) 2018	Chair of Parellel Session	20 September 2018	22 September 2018
6	Pertandingan Inovasi Peringkat Kebangsaan	Juri	14 Julai 2018	14 Julai 2018

University

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Jawatankuasa Induk Penyediaan Buku Perutusan Naib Canselor UTM 2024	Pengerusi	1 Januari 2024	31 Disember 2024
2	Jawatankuasa Pelan Tindakan Memartabatkan Bahasa Melayu Sebagai Bahasa Ilmu Di IPTA Peringkat UTM	Pengerusi	1 Januari 2024	31 Disember 2024
3	Program Merdeka Kerana Tuhan Untuk Manusia 2024	Ahli Jawatankuasa	12 September 2024	12 September 2024

4	Sekretariat Pelaksana UTM Bagi Malaysia AI Nexus 2024	Ahli Jawatankuasa	10 Mei 2024	10 Mei 2024
5	Jawatankuasa Sebut Harga (JKSH "B") Jabatan Canseleri UTM	Committee Member	1 February 2024	31 January 2026
6	Jawatankuasa Taskforce Situational Analysis UTM	Committee Member	1 January 2024	31 December 2025
7	UTM Board of Director Retreat 2023	Rapporteur	30 November 2023	2 December 2023
8	Majlis Anugerah Gemilang Canseleri 2023	Committee Member	6 December 2023	6 December 2023
9	Jawatankuasa Majlis Konvokesyen UTM Ke-67 Tahun 2023	Committee Member	1 August 2023	31 December 2023
10	Taskforce RACE Graduate Employability 2022/2023	Committee Member	1 October 2022	30 September 2023
11	Jawatankuasa Teks Ucapan Majlis Pelancaran Sambutan UTM 50 Tahun	Committee Member	14 March 2022	14 March 2022
12	Jawatankuasa Hubungan Istana, Teks Ucapan Dan Malam Pra Konvo Untuk Konvo 65 Dan 66	Committee Member	21 May 2022	31 October 2022
13	Rapporteur Bengkel Pelan Strategi Envision UTM 2025: Penetapan Pelan Tindakan 2023	Rapporteur	10 October 2022	10 October 2022
14	Taskforce <i>Tagline</i> Baharu UTM	Committee Member	18 October 2022	31 December 2022
15	Sekretariat Retreat Lembaga Pengarah UTM 2022 enVision UTM 2025: Pelan Tindakan 2023	Committee Member	11 November 2022	13 November 2022
16	Jawatankuasa Penulis Teks Ucapan Naib Canselor Bagi Majlis Konvokesyen UTM ke-64	Committee Member	11 December 2021	18 December 2021
17	Jawatankuasa Induk Penyediaan Buku Perutusan Naib Canselor UTM 2022	Committee Member	1 August 2021	31 December 2021
18	UTM Board of Director Retreat 2020	Rapporteur	19 January 2021	20 January 2021
19	Jawatankuasa Induk New Academia Learning Innovation (NALI) 2020	Committee Member	7 December 2020	10 December 2020
20	Empowerment Through Mentorship	Committee Member	19 March 2019	31 December 2019
21	Jawatankuasa Induk Penyediaan Buku Perutusan Naib Canselor UTM 2020	Committee Member	3 Oktober 2019	31 Januari 2020
22	Jawatankuasa Induk New Academia Learning Innovation (NALI) 2019	Pembaca Doa Majlis	18 September 2019	18 September 2019
23	Jawatankuasa Induk New Academia Learning Innovation (NALI) 2019	Committee Member	10 September 2019	18 September 2019
24	Program Audit Pengekalan Swa Akreditasi UTM 2018	Auditee	22 October 2018	23 October 2018

25	Penyediaan Buku Perutusan Tahun Baru Naib Canselor Tahun 2019	Committee Member	1 October 2018	31 December 2018
26	Jawatankusa Induk New Academia Learning Innovation (NALI) 2018	Committee Member	25 September 2018	26 September 2018

Faculty

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Jawatankuasa OSHE dan Kelestarian	Committee Member	1 January 2024	31 December 2024
2	Taskforce Persediaan Audit Pematuhan Pascasiswazah Sekolah Pendidikan	Committee Member	1 January 2024	31 December 2024
3	Taskforce Akreditasi Penuh Program Sarjana Pendidikan ODL Sekolah Pendidikan	Committee Member	1 January 2024	31 December 2025
4	Jawatankuasa OSHE dan Kelestarian	Committee Member	1 January 2023	31 December 2023
5	Jawatankusa APEL C	Committee Member	1 June 2022	31 December 2023
6	Jawatankuasa Anugerah Kecemerlangan Pelajar (JAUHAR) Fakulti Sains Sosial Dan Kemanusiaan	Committee Member	1 August 2022	31 December 2022
7	Jawatankuasa OSHE dan Kelestarian	Committee Member	1 January 2022	31 January 2022
8	Taskforce Promosi Program Pendidikan Fizik Sekolah Pendidikan	Committee Member	1 January 2022	31 December 2022
9	Taskforce Semakan Kurikulum Program Prasiswazah Sekolah Pendidikan	Committee Member	1 May 2022	31 December 2022
10	Taskforce Persediaan Audit Pematuhan Pascasiswazah Sekolah Pendidikan	Committee Member	21 September 2022	31 December 2022
11	Jawatankuasa Tabung Amanah Kebajikan Pelajar FSSH UTM	Committee Member	1 January 2022	31 December 2022
12	Jawatankuasa Tabung Amanah Kebajikan Pelajar FSSHeyDey	Committee Member	1 January 2021	31 December 2021
13	Ahli Pasukan Bertindak (ERT) Blok C13, C14, C15, dan C22 FSSK UTM	Committee Member	1 January 2021	31 December 2021
14	Jawatankuasa OSHE dan Kelestarian FSSK 2021	Committee Member	1 January 2021	31 December 2021
15	Online Global Classroom	Student Advisor	27 October 2020	27 October 2020

16	Panel Temuduga Kemasukan Ke Program Ijazah Sarjana Muda Pendidikan 2020	Committee Member	5 July 2020	12 July 2020
17	Taskforce Penambahan Program Open and Distance Learning (ODL)	Committee Member	15 May 2020	31 December 2020
18	Jawatankuasa Kecemerlangan dan Pembangunan Pelajar	Committee Member	1 January 2020	31 January 2020
19	Jawatankuasa OSHE	Committee Member	1 January 2020	31 January 2020
20	Jawatankuasa Latihan Praktik	Committee Member	17 March 2020	31 December 2020
21	Task Force Penawaran Program Kedoktoran Pendidikan (Ed.D)	Committee Member	1 Julai 2020	31 Disember 2024
22	Research Group Science and Mathematics Education	Committee Member	2 February 2019	31 December 2019
23	Taskforce Semakan Kurikulum Pasca Siswazah MQF 2.0 2019	Committee Member	1 October 2019	31 August 2020
24	Jawatankuasa OSHE dan Kelestarian	Committee Member	12 March 2019	30 June 2020
25	Taskforce Program Diploma Pendidikan Lepas Ijazah	Chairman	1 May 2019	30 September 2020
26	Innovation Day of Faculty of Social Sciences and Humanities UTM 2019	Jury	30 April 2019	30 April 2019
27	Jawatankuasa Video Korporat Fakulti Pendidikan	Committee Member	1 February 2018	30 June 2018
28	Jawatankuasa Penasihat Hari Inovasi Sekolah Pendidikan ke-8	Committee Member	13 Disember 2018	13 Disember 2018
29	Jawatankuasa Kecil Penyediaan Maklumat Kursus (L1) Program Diploma Pendidikan Lepas Ijazah (DPLI)	Committee Member	12 November 2018	31 Disember 2019
30	Jawatankusa Taskforce Kolokium Antarabangsa Pasca Siswazah Sekolah Pendidikan – Lawatan Daripada Universiras PGRI Semarang, Indonesia	Committee Member	12 November 2018	12 November 2018
31	Jawatankuasa Taskforce Penawaran Semula Program Diploma Pendidikan Lepas Ijazah (DPLI)	Committee Member	1 October 2018	30 September 2020
32	Jawatankuasa Taskforce Semakan Kurikulum Program Diploma Pendidikan Lepas Ijazah (DPLI)	Committee Member	1 October 2018	30 September 2020
33	Jawatankusa Latihan Praktik	Committee Membe	1 July 2018	30 June 2020
34	Jawatankuasa Jaringan dan Pengantarabangsaan	Committee Member	1 July 2018	30 June 2020

35	Jawatankuasa Pembangunan Profesional Akademik	Committee Member	1 July 2018	30 June 2020
36	Jawatankuasa OSHE dan Kelestarian	Committee Member	1 July 2018	30 June 2020
37	Jawatankuasa Perundingan, Inovasi dan Komersialisasi	Committee Member	1 July 2018	30 June 2020

Community

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Persatuan Ibu Bapa dan Guru SK Sri Skudai	Naib Yang Dipertua	14 Mei 2025	13 Mei 2026
2	Jawatankuasa Surau Taman Sri Putri, Skudai, Johor	Penolong Setiausaha	1 January 2023	31 December 2025
3	Karnival STEM 2021	Committee Member	26 September 2021	30 September 2021
4	Program Imunisasi COVID-19 Kebangsaan-Remaja	Volunteer	3 October 2021	29 October 2021
5	Jawatankuasa Surau Taman Sri Putri, Skudai, Johor	Bilal	15 September 2021	31 December 2022
6	Karnival STEM	Juri	25 April 2019	25 April 2019
7	Persatuan Pendidikan Sains dan Matematik Johor	Ahli Jawatankuasa Mesyuarat Agung Persatuan	27 November 2019	27 November 2019
8	Fiesta Kokurikulum Peringkat Kebangsaan	Juri	13 Julai 2019	13 Julai 2019
9	Program Kolaborasi Pendidikan UPSR 2019	Committee Member	5 March 2019	5 March 2019

SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
1	National Association for Research in Science Teaching (NARST) International Conference	Denver, Colorado, United States (Online Presenter)	8 March 2024	8 March 2024
2	New Academia Learning Innovation (NALI) 2023 – Pecha Kucha Session	UTM	7 November 2023	7 November 2023
3	Trend, Challenge and Potential Research on STEM Education	Universitas Negeri Malang, Indonesia	5 May 2023	19 May 2023
4	National Association for Research in Science Teaching (NARST) International Conference	Chicago, Illinois, United States (Online Presenter)	28 April 2023	28 April 2023
5	Seminar Kebangsaan Majlis Dekan Fakulti Pendidikan 2022	Universiti Pendidikan Sultan Idris	10 Disember 2022	10 Disember 2022

6	British Council: Future Leaders Connect (Policy Pitching)	British Council (Online Presenter)	7 September 2021	7 September 2021
7	Regional Conference In Engineering Education (RCEE) 2020	Center for Engineering Education (CEE) UTM (Online Presenter)	29 September 2020	29 September 2020
8	Leadership Symposium 2020	UTM Academic Leadership (UTMLead)	19 October 2020	20 October 2020
9	New Academia Learning Innovation (NALI) 2019	UTM	18 September 2019	19 September 2019
10	Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam Malaysia 2019	UiTM Puncak Alam	8 October 2019	9 October 2019
11	Korean Association for Science Education (KASE) International Conference	Dankook University, South Korea	25 January 2018	27 January 2018
12	National Student Development Conference (NASDEC) 2018	UTM	20 September 2018	22 September 2018

RESEARCH ACTIVITIES

Summary	
Principal Investigator- International Grants	1 project (RM0)
Principal Investigator- National Grants	3 projects (RM158,900)
Principal Investigator- UTM Grants	3 projects (RM145,000)
Member- International Grants	-
Member- National Grants	12 projects (RM668,378)
Member- UTM Grants	17 projects (RM509,760)

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	Kerangka Integrasi Reka Bentuk Kejuruteraan dan Amalan Sainifik Dalam Pembelajaran Berasaskan Projek Fizik	PI	National – Fundamental Research Grant Scheme (FRGS)	Research Grant	RM 86,700	1/8/24	31/7/26	5F722
2	Characterizing Nature Of Physics In Integrated STEM Education (Nopistem): A Qualitative Inquiry	PI	UTM – Fundamental Grant	Research Grant	RM 120,000	1/11/22	31/10/25	22H44

3	Measuring And Comparing Achievements Of Learning Outcomes In Higher Education In Asia (CALOHEA)	PI	International – European Union (ERASMUS+)	Networking Grant	RM 0	15/1/21	14/7/24	4X723
4	MYRGS 2.5 Knowledge Transfer For Effective Communication and Cultural Changes in Wastewater Management	PI	National – MRUN Young Researcher Grant Scheme (MY-RGS)	Research Grant	RM 17,000	2/1/20	2/10/23	4L902
5	VITAL Framework For STEM Higher Education Teaching And Learning	PI	National – Fundamental Research Grant Scheme (FRGS)	Research Grant	RM 55,200	1/9/19	31/8/22	5F125
6	Developing Instruments For Assessing Outcomes of Informal Science Learning	PI	UTM – Research University Grant (Tier 2)	Research Grant	RM 15,000	1/8/19	31/7/22	16J97
7	Analisis Keperluan Program Pembangunan Profesional Pedagogi STEM Secara Dalam Talian	PI	UTM – Research University Grant (Tier 2)	Research Grant	RM 10,000	1/2/18	30/4/19	14J89

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	F4 1.5: Feasibility Study and Bechmarking Exercise of Smart Membrane System For Advanced	Memb er	UTM	Geran Penyelidikan Hi-Tech(F4)	RM 120,000	1/10/22	30/9/25	00Q2 6

	Wastewater Treatment Utilising An Integrated Hybrid Life Cycle (IHLCA) Assesment Approach I							
2	Kerangka Epistemologi Saintifik Dalam Pembelajaran Amali Sains Menengah	Member	National-Kementerian Pendidikan Tinggi	Fundamental Research Grant Scheme (FRGS)	RM 75,000	7/9/21	6/3/24	5F469
3	Model Pembelajaran STEM Luar Bilik Darjah (PSLBD) Dalam Meningkatkan Kemahiran Abad 21	Member	National-Kementerian Pendidikan Tinggi	Fundamental Research Grant Scheme (FRGS)	RM 65,000	1/11/20	30/4/24	5F399
4	Research Literacy Model For Postgraduate Research Students	Member	UTM	Encouragement Grant	RM 51,000	1/10/20	31/3/23	19J67
5	Pembelajaran Berasaskan Masalah Kreatif Dalam Pendidikan STEM Terhadap Domain Kreativiti Pelajar	Member	UTM	UTMSHine	RM 40,000	1/3/20	30/11/22	09G35
6	KTP RIG 2020: Program Pemindahan Pengetahuan Mengenai Pengurusan Sisa Berasaskan Konsep Waste To Wealth Ke Arah Komuniti Kampung Lestari	Member	UTM	Business Entity	RM 20,000	15/2/20	14/8/21	4Y242
7	MYRGS 2.0: Integrated Pollutant-Targeted Wastewater Treatment Using Cyclodextrin-Functionalized Rice Husk Biochar	Member	National-Malaysia Research University Network (MRUN)	MRUN Young Researcher Grant Scheme	RM 250,000	1/2/20	2/10/23	4L903

8	MYRGS 2.1: Immobilization Of Cyclodextrin-Glucanotransferase On Rice Husk Biochar For Cyclodextrin Production	Member	National-Malaysia Research University Network (MRUN)	MRUN Young Researcher Grant Scheme	RM 80,000	2/1/20	2/10/23	4L904
9	MYRGS 2.4: Synthesis Of Highly Porous Structure Of Rice Husk Biochar And Characterization For Efficient Adsorbent	Member	National-Malaysia Research University Network (MRUN)	MRUN Young Researcher Grant Scheme	RM 46,000	2/1/20	2/10/23	4L905
10	Tanggungjawab Sosial Universiti (<i>University Social Responsibility</i>): Model dan Pelaksanaan Bagi Menyokong Matlamat Pembangunan Lestari (<i>Sustainable Development Goals</i>)	Member	UTM	UTM Fundamental Research	RM 70,000	1/1/20	30/6/23	21H20
11	Perlaksanaan Program Latihan Pengurusan Sisa Pepejal Luar Bandar Bagi Negeri Penang (PERDA)	Member	National-Kementerian Luar Bandar	Networking Grant	RM 8950	30/11/19	1/12/19	4X547
12	Perlaksanaan Program Latihan Pengurusan Sisa Pepejal Luar Bandar Bagi Negeri Kelantan (KESEDAR)	Member	National-Kementerian Luar Bandar	Networking Grant	RM 5454	24/11/19	25/11/19	4X548
13	Perlaksanaan Program Latihan Pengurusan Sisa Pepejal Luar Bandar Bagi Negeri Terengganu (KETENGAH)	Member	National-Kementerian Luar Bandar	Networking Grant	RM 6250	22/11/19	23/11/20	4X549
14	Perlaksanaan Program Latihan Pengurusan Sisa	Member	National-Kementerian Luar Bandar	Networking Grant	RM 6584	10/11/19	11/11/19	4X550

	Pepejal Luar Bandar Bagi Negeri Johor (KEJORA)							
15	Model Pendekatan STEM Belantara Berteraskan Nilai Murni Bagi Pendidikan Orang Asli	Member	National-Kementerian Pendidikan Tinggi	Fundamental Research Grant Scheme	RM 60,000	1/9/19	30/11/22	5F267
16	Exploring Teachers, Peers and Parents Behaviour And Speech Which Intensify And Minimize Mathematics Anxiety Among Malaysian Students Through Photovoice Approach	Member	UTM	Internal Grant	RM 15,000	1/8/19	31/7/22	17J01
17	Competency Development Program For Energy Efficiency Enhancement In Refrigeration Monitoring System (3EReMos)	Member	UTM	Industry-International Incentive Grant	RM 20,000	1/4/19	30/9/21	01M43
18	KTP NMG 2019: Pemindahan Pengetahuan Stem Terhadap Guru Dan Murid Sek. Men. Keb Seri Pulai Perdana Menerusi Modul Pengajaran I STEM	Member	UTM	Business Entity	RM 5000	1/2/19	31/7/19	4Y152
19	Program Pemindahan Ilmu Kemahiran Belajar Murid Tahun 6 Sekolah Kebangsaan Indahpura 1	Member	National-Kementerian Pendidikan Malaysia (KPM)	Networking Grant	RM 1000	6/1/19	31/3/19	4X490
20	Teachers-Students' Scientific Epistemology Model Through Critical Theory As Social Innovation	Member	National-Kementerian Pendidikan Tinggi (KPT)	Fundamental Research Grant Scheme	RM 64,140	1/1/19	31/12/21	5F067

	Mechanism in STEM Education							
21	Exploring A Defining Meaning of The Nature Of Science (NOS) Attributes Among Physics Teachers To Uphold 21st Century Education	Member	UTM	UTM Potential Academic Staff	RM 10,000	1/7/18	30/6/19	03K37
22	Keberkesanan Program Kelestarian Amalan Rendah Karbon Dalam Kalangan Pelajar SK Kampong Pasir	Member	UTM	Networking Grant	RM 100	9/4/18	31/12/19	4X370
23	HIR 3.2: Data Driven Curriculum Innovation In STEM	Member	UTM	High Impact Research Grant (UTM)	RM 36,000	1/4/18	30/9/21	04G91
24	Keberkesanan Aktiviti STEM Anjuran Kelab Suka Belajar Utm Di PSI Cawangan Kg Melayu	Member	UTM	UTM Research University Grant (Tier 1)	RM 30,000	1/2/18	31/1/20	18H44
25	Development of An Assessment Instrument on Scientific Reasoning in Preparing For The Fourth Industrial Revolution	Member	UTM	UTM Research University Grant (Tier 2)	RM 10,000	1/2/18	31/1/19	14J82
26	Math-Related Critical Thinking In Complex Problem Solving For Engineering Education	Member	UTM	UTM Potential Academic Staff	RM 10,000	15/10/17	14/10/18	03K06
27	Program International Service Learning Universitas Muhammadiyah Purwokerto Dan Universiti Teknologi Malaysia	Member	UTM	Networking Grant	RM 30,000	16/7/17	7/8/17	4X334
28	Perlaksanaan Amalan Refleksi Menerusi Kajian	Member	UTM	UTM Research University Grant	RM 2660	2/5/17	22/12/17	4X258

	Tindakan Dalam Kalangan Guru							
29	Students' And Teachers' Epistemological Beliefs in Learning And Teaching Science As Predictors of Students' Tendency Towards Enrolling Science Stream	Member	UTM	UTM Research University Grant (Tier 2)	RM 40,000	1/4/11	30/9/12	02J97

TEACHING ACTIVITIES

Summary	
Total Credit Hours	179

UNDERGRADUATES

Semester	Sem	Subject Ref	Subject	Credit Hour	No of Student
2024/2025	2	SHPN 4442	STEM Education	2	1
2024/2025	1	SHPN 4442	STEM Education	2	16
2024/2025	1	SHPF 5113	Teaching and Learning in Physics	3	17
2023/2024	2	SHPN 4442	STEM Education	2	15
2023/2024	1	SHPN 4442	STEM Education	2	28
2023/2024	1	SHPN 4442	STEM Education	2	31
2023/2024	1	SHPA 2001	Microteaching	1	29
2023/2024	1	SHPU 4902	Bachelor's Degree Project	2	5
2022/2023	1	SHPA 2001	Microteaching	1	25
2022/2023	1	SHPN 4442	STEM Education	2	29
2020/2021	1	UHMT 1012	Graduate Success Attributes	2	43
2019/2020	2	UHAK 1012	Graduate Success Attributes	2	38
2019/2020	1	UHAK 1012	Graduate Success Attributes	2	10
2019/2020	1	UHMS 1172	Dynamics of Malaysia	2	34
2019/2020	1	UHMT 1012	Graduate Success Attributes	2	35
2019/2020	1	UHMT 1012	Graduate Success Attributes	2	36
2019/2020	1	UHAK 2012	Leadership	2	34
2018/2019	2	UHAK 1012	Graduate Success Attributes	2	38
2018/2019	2	UHAK 2012	Leadership	2	33
2018/2019	1	UHAS 1172	Dynamics of Malaysia	2	54
2018/2019	1	UHAS 3052	Organisational Leadership	2	49
2017/2018	2	UHAK 1012	Graduate Success Attributes	2	34
2011/2012	1	SPN 3231	Practical Education of Physics	1	12
Total credits				44	

POSTGRADUATES

Semester	Sem	Subject Ref	Subject	Credit Hour	No of Student
2024/2025	2	MHPF 2243	Technology, Creativity and Innovation in Physics Education	3	7
2024/2025	2	MHPS 1123	Design and Implementation of Science Curriculum	3	1
2024/2025	1	MHPF 1123	Curriculum in Physics Education	3	10
2024/2025	1	UHPP 6013	Research Methodology	3	24
2024/2025	1	UHPP 6013	Research Methodology	3	25
2024/2025	1	MHPU1014	Research Methodology and Data Analysis in Education	4	7
2024/2025	1	MHPF1113	Teaching and Learning in Physics	3	2
2024/2025	1	MHPU 1014	Research Methodology and Data Analysis in Education	4	1
2023/2024	2	MHPF 2223	Teaching Practices with Philosophy of Science, Mathematics and Technology	3	8
2023/2024	2	MHPU 1014	Research Methodology and Data Analysis in Education	4	10
2023/2024	2	MHPU 1014	Research Methodology and Data Analysis in Education	4	3
2023/2024	2	UHPP 6013	Research Methodology	3	16
2023/2024	2	UHPP 6013	Research Methodology	3	12
2023/2024	1	UHPP 6013	Research Methodology	3	23
2023/2024	1	MHPF 2213	Action Research for Current Issues in Physics Education	3	8
2023/2024	1	MHPU 1014	Research Methodology and Data Analysis in Education	4	9
2022/2023	2	MHPF 1123	Curriculum in Physics Education	3	3
2022/2023	2	MHPF 1123	Curriculum in Physics Education	3	3
2022/2023	1	MHPF 1113	Physics Teaching and Learning	3	4
2021/2022	2	MHPF 1123	Curriculum in Physics Education	3	1
2021/2022	2	MHPS 1123	Design and Implementation of Science Curriculum	3	1
2021/2022	2	MHPU 1013	Innovations in Education	3	7
2021/2022	2	MPPF 1103	Design and Implementation of Physics Curriculum	3	0
2021/2022	2	MPPU 1003	Innovations in Learning and Teaching	3	2
2020/2021	1	MPPU 1070	Critical Analysis	0	14
2020/2021	1	MPPU 1074	Research Methodology and Data Analysis in Education	4	4
2020/2021	1	MPPU 1080	Academic Writing	0	16

2020/2021	1	UHPP 0010	Research Methodology and Data Analysis	0	11
2019/2020	2	MPPF 1113	Model of Physics Teaching and Learning	3	3
2019/2020	2	MPPF 1103	Design and Implementation of Physics Curriculum	3	3
2019/2020	1	MPPF 1113	Model of Physics Teaching and Learning	3	3
2019/2020	1	MPPU 1003	Innovations in Learning and Teaching	3	22
2018/2019	2	MPPF 1103	Design and Implementation of Physics Curriculum	3	4
2018/2019	2	MPPF 1313	Innovation and Creativity in Physics Education	3	1
2018/2019	1	MPPF 1113	Model of Physics Teaching and Learning	3	6
2018/2019	1	MPPU 1003	Innovations in Learning and Teaching	3	16
2018/2019	1	MPS 1103	Model of Physics Teaching and Learning	3	0
2017/2018	2	MPPF 1103	Design and Implementation of Physics Curriculum	3	7
2017/2018	2	MPPF 1313	Innovation and Creativity in Physics Education	3	5
2017/2018	2	PPS 2203	Design and Implementation of Physics Curriculum	3	0
2017/2018	2	MPS 1153	Innovation and Creativity in Physics Education	3	0
2017/2018	1	MPS 1103	Model of Physics Teaching and Learning	3	0
2017/2018	1	MPPF 1113	Model of Physics Teaching and Learning	3	4
2016/2017	2	MPPF 1103	Design and Implementation of Physics Curriculum	3	2
2016/2017	2	MPPF 1313	Innovation and Creativity in Physics Education	3	6
2016/2017	2	MPS 1153	Innovation and Creativity in Physics Education	3	0
Total credits				135	

SUPERVISION

Summary	
Main Supervisor – PhD (Graduated)	1
Co-Supervisor – PhD (Graduated)	1
Main Supervisor – PhD (Ongoing)	5
Co-Supervisor – PhD (Ongoing)	0
Main Supervisor- Master by Research (Graduated)	1
Main Supervisor- Master by Research (On-Going)	3

Co-Supervisor- Master by Research (Graduated)	1
Co-Supervisor- Master by Research (On-Going)	0
Main Supervisor- Master by Taught Course (Graduated)	4
Main Supervisor- Master by Taught Course (On-Going)	3
Co-Supervisor- Master by Taught Course (Graduated)	3
Co-Supervisor- Master by Mixed-Mode (Graduated)	2
Main Supervisor- Master by Mixed-Mode (Graduated)	3
Main Supervisor- Master by Mixed-Mode (On-Going)	0

PhD Student

No.	Name	Status (Graduated/ On-Going)	Title	Roles of Supervision
1	Izzah Mardhiya Binti Mohammad Isa	Graduated	Kerangka Khazanah Pengetahuan Pendidikan Fizik Luar Bandar Di Sabah Daripada Perspektif Murid, Guru Dan Ibu Bapa	Main supervisor
2	Mazlena Binti Murshed	Graduated	Model Mental Transformasi Perwakilan Pelbagai Bagi Penyelesaian Masalah Daya Dan Gerakan Dalam Kalangan Pelajar Cemerlang	Co-supervisor
3	Mariani Binti Tain	On-Going	Rekabentuk, Ciri-Ciri, Dan Kerangka Penjelasan Amalan Penggunaan Kaedah Pembelajaran Berasaskan Projek Dalam Kalangan Guru Fizik	Main supervisor
4	Lari Andres Sanjaya	On-Going	Narrative Inquiry Into Funds Of Identity: Indonesian Young Women In Physics	Main supervisor
5	Siti Hidayana Binti Nassiri	On-Going	Characterizing Nature Of Physics In Integrated STEM Education (NOPISTEM): A Qualitative Inquiry	Main supervisor
6	Wu Zihan	On-Going	Project-based Learning in Physics in China: STEM and their Applicationa	Main supervisor
7	Hoo Xin Ting	On-Going	Funds of Knowledge, Conceptual Understanding and Self-Efficacy Among Pre-service Physics Teachers	Main supervisor

MSc. Student

No.	Name	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
1	Siti Hamizah Binti Aspin	Graduated	Keberkesanan Modul Pembelajaran Fizik Berasaskan Projek Berintegrasikan STEM Dalam Meningkatkan	Research	Main supervisor

			Kefahaman Konsep Topik Prinsip Keabadian Momentum		
2	Syazana Binti Abd Khalik	On-going	Scientific Practices of Malaysian Matriculation Physics' Teachers	Research	Main supervisor
3	Nurun Ain Najwa Binti Nordin	Graduated	Effectiveness of Using Geogebra Simulation on Conceptual Understanding of Topic Geometrical Optics Among Matriculation Students	Research	Co-supervisor
4	Shanthie A/P Krishnan	Graduated	Development And Effectiveness of Solar Module For Preschool Teachers	Mixed Mode	Main supervisor
5	Hafiza Ibrahim	Graduated	Afghan Undergraduate Students' and Lecturers' Alternative Conceptions in Astronomy and Cosmology	Mixed Mode	Main supervisor
6	Ng Han Guan	Graduated	Perspektif Sains, Teknologi, Kejuruteraan dan Matematik Guru-guru Fizik	Mixed Mode	Main supervisor
7	Nur Asyikin Binti Zailan	Graduated	Hasil Pembelajaran Pendidikan Sains Tidak Formal Dalam Konteks Fizik Sekolah Menengah	Taught-course	Main supervisor
8	Mariani Binti Tain	Graduated	Kajian Tindakan Dalam Pembelajaran Berasaskan Projek Bagi Sub Tajuk Litar Sesiri dan Selari Tingkatan Lima	Taught-course	Main supervisor
9	Amelia Huda Binti Amarudin	Graduated	Analisis Keperluan Program Pembangunan Profesional Pedagogi STEM Secara Dalam Talian	Taught-course	Main supervisor
10	Hanin Fathan Nurfina Istiqomah	Graduated	Hubungan Antara Gaya Kognitif	Taught-course	Main supervisor

			Dengan Tahap Kefahaman Kemahiran Manipulatif Pelajar Fizik Sekolah Menengah		
11	Yong Xiu Hui	Graduated		Taught-course	Co-supervisor
12	Lee Kwan How	Graduated		Taught-course	Co-supervisor
13	Zulkefli Bin Hashim	Graduated		Mixed Mode	Co-supervisor
14	Lee Jun Hung	Graduated		Mixed Mode	Co-supervisor
15	Ting Fang Ling	Graduated		Taught-course	Co-supervisor
16	Dhanial Ellsha Binti Abdullah	On-going		Taught-course	Main supervisor
17	Athifah Najihah Binti Norizan	On-going		Taught-course	Main supervisor
18	Aina Amira Binti Nawawi	On-going		Taught-course	Main supervisor
19	Suhaidah Binti Hamid	On-going		Research	Main supervisor
20	Aishatul Hulwani Binti Mohd Khirultham	On-going		Research	Main supervisor

UTM POSTGRADUATE EXAMINATION/ VIVA

Summary	
MSc. Internal Examiner	4
Fast track student examiner	-
Others Examiner	-

Msc Internal Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1	Internal Examiner	Sia Ivy	The Relationships Between Practices, Beliefs, and Practical Constraints in Inquiry Based Science Education Among Primary School Teachers in Johor Bahru	2024

2	Internal Examiner	Sharifah Nur Syaza Binti Syed Md Shahar	Strategy of Learning in Force and Motion Topics Among Secondary School Students	2024
3	Internal Examiner	Maizatul Nabila Binti Mohd Suratin	Experiential Learning Approach to Develop Soft-Skills Among Pre-Service Chemistry Teachers	2023
4	Internal Examiner	Linda Nurul Jannah Binti Mohd Rizal Khoo	Knowledge Transfer in Physics Problem Solving Using Game Elements Sequence for Scaffolding	2022

EXTERNAL EXAMINATION/ VIVA

Summary	
MSc. External Examiner	1
Others Examiner	-

Msc External Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1	External Examiner (Universiti Pendidikan Sultan Idris, UPSI)	Alysuliana Binti Alias	Pembangunan Rubrik Penilaian Pemikiran Kritis dan Penyelesaian Masalah Bagi Kursus Fizik Program Matrikulasi	2023

PUBLICATIONS

Summary	
ISI/WOS Article/Journal	5
Scopus Article/Journal	37
Non-Indexed Article/Journal	10
Conference Proceedings	11
Book	2
Book Chapters	5
Technical Report	6
Policy Paper	1
Newspaper/Mass Media Article	46

ISI/WoS Indexed Articles

N O	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vo l.	Issu es	Page	Publicat ion Year	IF	Type of Publicat ion	Author Role	Quart ile Ranki ng
1	Design and Effectiveness Augmented Reality of Greenhouse Effect Integration Model Physics Independent Learning	Pegem Egitim Ve Ogretim Dergisi	2148-239X	14	3	134-145	2024	0.9	Publicati on in Web of Science	UTM First Author	Q3
2	Adsorption Of Fatty Acid On Beta-Cyclodextrin Functionalized Cellulose Nanofiber (<i>Interdisciplinary Research Project with Engineering Researchers</i>)	Sustainability	2071-1050	15	2	1559-1559	2023	3.889	Publicati on in Web of Science	Co-Author	Q2
3	Math-Related Critical Thinking Theory In Civil Engineering Design	Pertanika Journal Of Social Sciences And Humaniti es	22318534	27	2	899-913	2019	0.00	Publicati on in Web of Science	Co-Author	0
4	Morality and Science Teaching: Expanding The Idea Of Giving Zakah	Cultural Studies Of Science Educatio n	18711502	14	2	355-360	2019	0.00	Publicati on in Web of Science	Correspon ding Author	0

5	Effects Of Using Multi-Vide Ruler Kit In The Acquisition Of Numeracy Skills Among Protim Students	AIP Conference Proceedings	9780735415508	1870	0	070002-070002	2017	0.00	Publication in Web of Science	Co-Author	0
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Scopus Indexed Articles

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol .	Issues	Page	Publication Year	IF	Type of Publication	Author Role	Quartile Ranking
1	Ungku Abdul Aziz Ungku Abdul Hamid: Intelek Awam Langka Negara	Sarjana Ke Pemikir Sosial: Suatu Lonjakan Akademik	9786297590783	1	1	9-26	2024	0	Publication in Scopus	Corresponding Author	0
2	Shamsul Amri Baharudin: Arkitek Sains Sosial	Sarjana Ke Pemikir Sosial: Suatu Lonjakan Akademik	9786297590783	1	1	43-56	2024	0	Publication in Scopus	UTM First Author	0
3	Project Based Learning in Physics: A Review of Research From 2014-2022	AIP Conference Proceedings	0094243X	3116	1	070014 - 070014	2024	0	Publication in Scopus	Co-Author	0
4	Preface: Electronic Physics	AIP Conference Proceedings	0094243X	3116	1	010001 - 010001	2024	0	Publication in Scopus	Corresponding Author	0

	Informatics International Conference (Epiic) 2023										
5	Sarjana Ke Pemikir Sosial: Suatu Lonjakan Akademik	Sarjana Ke Pemikir Sosial: Suatu Lonjakan Akademik	9786297590783	1	1	1-8	2024	0	Publication in Scopus	UTM First Author	0
6	STEM Education In Primary School Science Teachers: The Influence Of Technology Integration Attitude Towards Pedagogical Practice	AIP Conference Proceedings	0094243X	3116	1	080001 - 080001	2024	0	Publication in Scopus	UTM First Author	0
7	Utilisation Of Augmented Reality Technology In Physics Education: A Bibliometric Analysis And Its Impact On Sustainable Development Goals (SDGs)	E3S Web Of Conferences	25550403	513	1	04006-04006	2024	0	Publication in Scopus	UTM First Author	0

8	STEM Education, Environment, and Industries Toward Achieving The Sustainable Development Goal Through A Knowledge Transfer Programme	E3S Web Of Conferences	25550403	513	0	04009-04009	2024	0	Publication in Scopus	Corresponding Author	0
9	Mapping Research On Integrating Artificial Intelligence Into Physics Learning	Perspektivy Nauki I Obrazovaniya	23072334	71	5	305-317	2024	0	Publication in Scopus	UTM First Author	0
10	Analysis Of Student Problem - Solving Skills On Static Fluid Topics	Journal Of Physics: Conference Series	17426588	2866	1	012104 - 012104	2024	0	Publication in Scopus	UTM First Author	0
11	The Challenges Of Implementing Project-Based Learning In Physics	Journal Of Physics: Conference Series	17426588	2596	1	1-6	2023	0	Publication in Scopus	Co-Author	0
12	Polycyclic Aromatic	AIP Conference	0094243X	0094243	1	1-12	2023	0	Publication in Scopus	Co-Author	0

	Hydrocarbon Adsorption Using B-Cyclodextrin Functionalized Rice Husk Biochar: Fixed-Bed Column Studies (<i>Interdisciplinary Research Project with Engineering Researchers</i>)	Proceedings		X							
13	Integration Of Independent Learning And Physics Innovation In Steam-Based Renewable Energy Education To Improve Critical Thinking Skills In The Era Of Society 5.0 For Sustainable Development Goals (SDGs) 2030	E3S Web Of Conferences	25550403	450	2023	1-9	2023	0	Publication in Scopus	UTM First Author	0
14	The Pathway Of Digital	E3S Web Of Conferences	2267-1242	450	2023	1-11	2023	0	Publication in Scopus	UTM First Author	0

	Learning Environments In Advancing Sustainable Development Goals (SDGs): A Bibliometric Analysis Covering Three Decades Of Research	ces Volume 450 (2023)									
15	The Use Of Electronic Conceptual Scaffolding To Increase Students' Ability To Understand The Concept Of Work And Energy	AIP Conference Proceedings	978-073544277-1	2569	0	050021 - 050021	2023	0	Publication in Scopus	UTM First Author	0
16	Culturally Responsive Pedagogy, STEM, And Gender Equity: Tackling Key Issues And Advancing The Research Field	Culturally Responsive Science Pedagogy In Asia: Status And Challenges for Malaysia, Indonesia and Japan	9781003168706	00000	00000	115-128	2022	0	Publication in Scopus	Corresponding Author	0

17	Graduate Success Attributes For Engineering Students : Major Learning Outcomes And Significance Of The Course	AIP Conference Proceedings	0	2433	1	020090200099	2022	0	Publication in Scopus	Corresponding Author	0
18	Discovery Of Multiple Representation Created By Secondary School Students In Real-World Problem Solving	AIP Conference Proceedings	9780735443907	2433	020024	1-10	2022	0	Publication in Scopus	Co-Author	0
19	Exploring Teacher Effects On Intensifying And Minimizing Mathematics Anxiety Among Students In Sokoto State, Nigeria	International Journal Of Evaluation and Research In Education	2252-8822	11	1	161-171	2022	0	Publication in Scopus	Co-Author	0
20	Anxiety and Examination Stress In Statistics Among Postgraduate Students	AIP Conference Proceedings	978-0-7354-4390-7	2433	1	0200301-0200309	2022	0	Publication in Scopus	Co-Author	0

21	Bridging Culture And Science Education: Implications For Research And Practice	International Journal Of Learning , Teaching And Educational Research	1694-2116	21	10	362-380	2022	0	Publication in Scopus	Corresponding Author	0
22	Trends of Web-Based Instructional (WBI) in Physics Learning : A Literature Review	Journal Of Physics: Conference Series	0000000	2377	012082	1-7	2022	0	Publication in Scopus	Corresponding Author	0
23	Chemistry Lecturers' Attitudes Toward Educational Technology: Afghanistan Lecturer Perspective	International Journal Of Evaluation and Research in Education	2252-8822	11	4	0-0	2022	0	Publication in Scopus	Co-Author	0
24	The Effect Of Interactive Computer Animation And Simulation On Students' Achievement And Motivation In Learning Electroc	Jurnal Pendidikan IPA Indonesia	23391286	10	3	311-324	2021	0	Publication in Scopus	Co-Author	0

	hemist Ry										
25	Transformation Of Multiple Representation In Real World Physics Problem Solving	Journal of Physics: Conference Series	17426588	1760	1	1-6	2021	0	Publication in Scopus	Co-Author	0
26	Dual Mode Module As New Innovation In Learning Chemistry: Project Based Learning Oriented	International Journal Of Interactive Mobile	18657923	15	18	44-47	2021	0	Publication in Scopus	Co-Author	0
27	Online Module For Acid And Base Topic Based On 5E Model	International Journal Of Interactive Mobile Technologies	18657923	15	3	18-29	2021	0	Publication in Scopus	Co-Author	0
28	Perspectives of Stem Education From Physics Teachers' Points of View: A Quantitative Study	Universal Journal Of Educational Research	23323213	8	11C	72-82	2020	0	Publication in Scopus	Corresponding Author	0
29	Current Teaching Practice Of Physics Teachers And Implications For Integrate	Universal Journal Of Educational Research	23323205	8	5A	18-28	2020	0	Publication in Scopus	Corresponding Author	0

	d STEM Education										
30	Transformation Of Multiple Representations In Understanding Real-World Physics Problems	International Journal Of Psychosocial Rehabilitation	14757192	24	5	5413 - 5424	2020	0	Publication in Scopus	Co-Author	0
31	Student Teachers' Attitude And Self-Esteem Towards Online Learning : Application Of Rasch Measurement Model	Universal Journal Of Educational Research	23323213	8	11(C)	37-44	2020	0	Publication in Scopus	Co-Author	0
32	Conditional Knowledge In Stoichiometry: A Problem Solving	Palarcha Journal Of Archaeology Of Egypt/Egyptology	1567214 X	7	17	4635 - 4647	2020	0	Publication in Scopus	Co-Author	0
33	The Reliability Analysis For Force Concept Inventory	International Journal Of Psychosocial Rehabilitation	14757192	24	5	143-151	2020	0	Publication in Scopus	Co-Author	0
34	Learning Demand And Classroom Discourse	Asia Pacific Journal Of Educators And	21803463	34	1	187-218	2019	0	Publication in Scopus	UTM First Author	0

	e Design Tools To Improve Students Conceptual Understanding Of The Nature Of Electrolytes	Education									
35	Assessment And Evaluation Of Non-Formal STEM Education Programs	International Journal of Recent Technology And Engineering	22773878	7	6	762-768	2019	0	Publication in Scopus	Corresponding Author	0
36	Chem-A Module Based On Stem Approach in Chemical Bond	International Journal Of Recent Technology and Engineering	22773878	7	6s5	700-710	2019	0	Publication in Scopus	Co-Author	0
37	Item Analysis On The Effects Of Study Visit Programme In Cultivating Students Soft Skills: A Case Study	International Journal Of Engineering & Technology	2227524X	7	2.10	117-120	2018	0	Publication in Scopus	Co-Author	0

Non-Indexed Article

NO.	TITLE	AUTHOR ROLE	YEAR
1	Advance Physics Virtual Laboratory (ADPHYLAB): Its Implication In Improving Students' Science Process Skills in Atomic Spectroscopy Practicum	UTM First Author	2024
2	STEM Education In Malaysia: A Review	Co-Author	2022
3	Systematic Review Of The Literature On An Integrated STEM Learning In Enhancing 21st Century Skills In Malaysia	Co-Author	2021
4	The Pre-Service Teachers' Internship Program During The Pandemic: Prospects For A New Landscape Of Teacher Education	Corresponding Author	2021
5	<i>Funds Of Knowledge</i> Dalam Pendidikan: Konsep, Aplikasi Dan Implikasi Untuk Penyelidikan Dalam Pendidikan Sains	Corresponding Author	2019
6	Interest, Attitude, And Achievement In Organic Chemistry: A Case Study Among Undergraduates Students	Corresponding Author	2019
7	Literature Review Use of Technology and Simulation In Teaching and Learning Chemistry	Co-Author	2019
8	The Attainment Of Soft Skills Among Students: Impact Of Abroad Study Visit Program	Corresponding Author	2019
9	A Mini Review On Informal STEM Education: Elements, Impacts And Future Prospects	Corresponding Author	2018
10	Hubungan Antara Gaya Kognitif Dengan Tahap Kefahaman Kemahiran Manipulatif Pelajar Fizik Sekolah Menengah	Corresponding Author	2018

Conference Proceedings

NO.	TITLE	AUTHOR ROLE	YEAR
1	Academic Leaders' Visibility From The Perspective Of Prophet Muhammad'S Leadership Qualities	Corresponding Author	2020
2	Doing Project-Based Learning Online: Benefits And Pitfalls	Corresponding Author	2020
3	Applying Multiple Representation In Physics Problem Solving	Co-Author	2019
4	Agenda Pembangunan Mahasiswa Di Era Malaysia Baru: Kerangka Utama dan Kerangka Sokongan	Co-Author	2018
5	Coordination of STEM Ideas and Initiatives: Challenges and Resolutions	Corresponding Author	2018
6	Developing A Model Of Flash Floods Detector For School Physics Teaching and Learning	Corresponding Author	2018
7	Issues of Language In Science Education: International Perspectives	Co-Author	2018
8	Relationship of Curriculum, Instruction, And Assessment: Implications To Stem Education	Corresponding Author	2018
9	Moving Toward STEM Integration: Understanding Current Teaching Practices Of Physics Teachers	Corresponding Author	2017
10	Enhancing 21st Century Science, Technology, Arts, Engineering and Mathematics (STEAM) Education Through Green and Microscale Chemistry Experimentation	Co-Author	2016

11	Aplikasi Konsep Fizik Dalam Menyelesaikan Masalah Yang Berasaskan STEM Bagi Pelajar Tingkatan Enam Atas	Co-Author	2013
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Book

NO.	ORIGINAL BOOK TYPE	TITLE	YEAR	AUTHOR
1	Book (Original)	Kajian Tindakan dalam Pengajaran dan Pembelajaran Fizik Sekolah	2024	Fatin Aliah Phang, Nor Farahwahidah Abdul Rahman, Muhammad Abd Hadi Bunyamin
2	Book (Text)	Sustainability Report 2022	2023	Shamsul Sarip, Mimi Haryani Hassim, Mohd. Fadhil Md Din, Shazwin Mat Taib, Muhammad Abd Hadi Bunyamin, Mohd Bakri Bakar, Kiflee Jimpi

Book Chapter/Edited Book

NO.	EDITED BOOK	CHAPTER TITLE	YEAR	AUTHOR
1	Innovative Teaching Practices in Learning STEM	Project-Based Learning In a School STEM Subject: Insights From an Autoethnography Research Approach	2024	Muhammad Abd Hadi Bunyamin
2	Biotechnological Approaches in Waste Management	Immobilised Enzyme Technologies For The Removal Of Water Pollutants And Toxic Contaminants (Role: Member in an Interdisciplinary Research Project)	2023	Nur Izyan Wan Azelee, Nor Hasmaliana Abdul Manas, Nurulhidayah Salamun, Mohd Akmali Mokhter, Muhammad Abd Hadi Bunyamin, Nurul Elia Aqila Abu Rahim, Siti Fatimah Zaharah Mohd Fuzi, Nasratun Masngut
3	Malaysia Higher Education Institution Leadership Insights	Scholarly Leadership In Higher Education: A Case Study Of Two Exceptional Academics (Role: Writing as an Academic Administrator in UTM)	2023	Muhammad Abd Hadi Bunyamin, Mohd Bakri Bakar

4	Suara Intelek Awam Pembina Negara Malaysia	Aktivis Akademia Dan Asas Kenegaraan: Cabaran Dalam Kebebasan Akademik (Role: Writing as an Academic Administrator in UTM)	2022	Mohd Izani Mohd Zain, Muhammad Abd Hadi Bunyamin, Shamrahayu Ab Aziz
5	Halatuju Pendidikan STEM Di Malaysia	Pembangunan Kurikulum STEM Ke Arah Kurikulum Transdisiplinari	2022	Muhammad Abd Hadi Bunyamin, Nina Diana Nawi

Technical Report

NO.	TECHNICAL REPORT TITLE	YEAR	AUTHOR
1	Output 2: Blueprint Pelan Induk KKP: Kajian Pembangunan Pelan Induk Keselamatan & Kesihatan Pekerjaan (KKP) 2021-2025	2020	Rahmat Mohsin, Zulkifli Abdul Majid, Anwar Johari, Kamarizan Kidam, Nur Emma Mustafa, Roshazlizawati Mohd. Nor, Mimi Haryani Hassim, Jafri Mohd Rohani, Zalilah Sharer (Sahir), Mohd Firdaus Mohd Taib, Rozlina Md. Sirat, Muhammad Abd Hadi Bunyamin , Agus Arsad, Nor Eman Ismail, Siti Rahmah Suradi, Hafizah Mahmud, Siti Aishah Rashid, Noor Izawati Alias @ Che Rashid, Nur Kamilah Abdul Jalil
2	Output 3: Pelan Pelaksanaan Dan Pemantauan Pelan Induk KKP 2021-2025: Kajian Pembangunan Pelan Induk Keselamatan & Kesihatan Pekerjaan (KKP) 2021-2025	2020	Rahmat Mohsin, Zulkifli Abdul Majid, Anwar Johari, Kamarizan Kidam, Nur Emma Mustafa, Roshazlizawati Mohd. Nor, Mimi Haryani Hassim, Jafri Mohd Rohani, Zalilah Sharer (Sahir), Mohd Firdaus Mohd Taib, Rozlina Md. Sirat, Muhammad Abd Hadi Bunyamin , Agus Arsad, Nor Eman Ismail, Siti Rahmah Suradi, Hafizah Mahmud, Siti Aishah Rashid, Noor Izawati Alias @ Che Rashid, Nur Kamilah Abdul Jalil
3	Output 4: Nota Pelaksanaan Pelan Induk Keselamatan & Kesihatan Pekerjaan (KKP) Malaysia 2021-2025	2020	Rahmat Mohsin, Zulkifli Abdul Majid, Anwar Johari, Kamarizan Kidam, Nur Emma Mustafa, Roshazlizawati Mohd. Nor, Mimi Haryani Hassim, Jafri Mohd Rohani, Zalilah Sharer (Sahir), Mohd Firdaus Mohd Taib, Rozlina Md. Sirat, Muhammad Abd Hadi Bunyamin , Agus Arsad, Nor Eman Ismail, Siti Rahmah Suradi, Hafizah Mahmud, Siti Aishah Rashid, Noor Izawati Alias @ Che Rashid, Nur Kamilah Abdul Jalil

4	Output 5: Cadangan Pengukuran Budaya Kerja Selamat, Kajian Pembangunan Pelan Induk Keselamatan & Kesihatan Pekerjaan (KKP) Malaysia 2021-2025	2020	Rahmat Mohsin, Zulkifli Abdul Majid, Anwar Johari, Kamarizan Kidam, Nur Emma Mustaffa, Roshazlizawati Mohd. Nor, Mimi Haryani Hassim, Jafri Mohd Rohani, Zalilah Sharer (Sahir), Mohd Firdaus Mohd Taib, Rozlina Md. Sirat, Muhammad Abd Hadi Bunyamin , Agus Arsad, Nor Eman Ismail, Siti Rahmah Suradi, Hafizah Mahmud, Siti Aishah Rashid, Noor Izawati Alias @ Che Rashid, Nur Kamilah Abdul Jalil
5	Output 6: Glosari Dan Terminologi, Kajian Pembangunan Pelan Induk Keselamatan & Kesihatan Pekerjaan (KKP) Malaysia 2021-2025	2020	Rahmat Mohsin, Zulkifli Abdul Majid, Anwar Johari, Kamarizan Kidam, Nur Emma Mustaffa, Roshazlizawati Mohd. Nor, Mimi Haryani Hassim, Jafri Mohd Rohani, Zalilah Sharer (Sahir), Mohd Firdaus Mohd Taib, Rozlina Md. Sirat, Muhammad Abd Hadi Bunyamin , Agus Arsad, Nor Eman Ismail, Siti Rahmah Suradi, Hafizah Mahmud, Siti Aishah Rashid, Noor Izawati Alias @ Che Rashid, Nur Kamilah Abdul Jalil
6	Output 7: Laporan Akhir - Kajian Pembangunan Pelan Induk Keselamatan & Kesihatan Pekerjaan (KKP) Malaysia 2021-2025	2020	Rahmat Mohsin, Zulkifli Abdul Majid, Anwar Johari, Kamarizan Kidam, Nur Emma Mustaffa, Roshazlizawati Mohd. Nor, Mimi Haryani Hassim, Jafri Mohd Rohani, Zalilah Sharer (Sahir), Mohd Firdaus Mohd Taib, Rozlina Md. Sirat, Muhammad Abd Hadi Bunyamin , Agus Arsad, Nor Eman Ismail, Siti Rahmah Suradi, Hafizah Mahmud, Siti Aishah Rashid, Noor Izawati Alias @ Che Rashid, Nur Kamilah Abdul Jalil

Policy Paper

NO.	POLICY PAPER TITLE	DEPARTMENT/MINISTRY	YEAR	AUTHOR
1	Pelan Induk KKP: Kajian Pembangunan Pelan Induk Keselamatan & Kesihatan Pekerjaan (KKP) 2021-2025 (Role: Policymaker for Strategic Thrust 3: OSH Education and Research)	Jabatan Keselamatan dan Kesihatan Pekerjaan/Kementerian Sumber Manusia	2021	Rahmat Mohsin, Zulkifli Abdul Majid, Anwar Johari, Kamarizan Kidam, Nur Emma Mustaffa, Roshazlizawati Mohd. Nor, Mimi Haryani Hassim, Jafri Mohd Rohani, Zalilah Sharer (Sahir), Mohd Firdaus Mohd Taib, Rozlina Md. Sirat, Muhammad Abd Hadi Bunyamin , Agus Arsad, Nor Eman Ismail, Siti Rahmah Suradi,

				Hafizah Mahmud, Siti Aishah Rashid, Noor Izawati Alias @ Che Rashid, Nur Kamilah Abdul Jalil
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Newspaper/Mass Media Article

NO.	NEWSPAPER/ MASS MEDIA NAME	ARTICLE TITLE	YEAR	AUTHOR
1	Berita Harian	Jadi “Rakan Kritikal” AI Tempuh Era Kemanusiaan Digital	2024	Muhammad Abd Hadi Bunyamin
2	Berita Harian	Literasi Pekerjaan Mampu Bantu Pelajar Fahami Kepentingan SPM	2024	Muhammad Abd Hadi Bunyamin
3	UTM Newshub	Enhancing Teacher Education in Asia Through Calohea Initiatives	2024	Muhammad Abd Hadi Bunyamin, Hamdan Said, Hanifah Jambari, Marlina Ali
4	UTM Newshub	Mencabar Kelaziman – Satu Sudut Pandangan Paradigma Teori Kritikal	2024	Muhammad Abd Hadi Bunyamin
5	Utusan Malaysia	Merekayasa Diplomasi Akademik Malaysia-Indonesia	2023	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
6	Utusan Malaysia	Daya Cipta, Kejuruteraan dan Inovasi Demi Dunia Madani	2023	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
7	Utusan Malaysia	Menterjemah Langkah Radikal, Pragmatik Dalam Pendidikan Tinggi	2023	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
8	UTM Newshub	UTM-UNSRI Baharui MoU Perkasa Kerjasama Akademik	2022	Muhammad Abd Hadi Bunyamin
9	Malaysia Gazette	Ramadan, Sebuah “Universiti” Rabbani Membentuk Nilai Insani	2022	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin

10	UTM Newshub	UTM Vice-Chancellor on Clean Energy Transition – Work Synergistically, Learn Continuously, Act Consistently	2022	Muhammad Abd Hadi Bunyamin, Rohaizan Khairul Anuar, Nurul Amrie Abdullah
11	UTM Newshub	UTM – BRIN Berkolaborasi Kongsi Kepakaran Penyelidikan	2022	Muhammad Abd Hadi Bunyamin
12	Berita Harian	Tindakan Bersama, Pemikiran Holistik Pacu Reputasi Universiti	2022	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
13	Malaysia Gazette	Ramadan, Sebuah “Universiti” Rabbani Membentuk Nilai Insani	2022	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
14	Berita Harian	Kerjasama Universiti, Industri Tingkat Kebolehpasaran Graduan	2022	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
15	UTM Newshub	Memperkasa Komitmen, Memacu Kecemerlangan	2022	Muhammad Abd Hadi Bunyamin
16	Utusan Malaysia	Ramadan Adalah Ibarat Sebuah Universiti	2022	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
17	Berita Harian	Guru Perlu Tingkat Kemahiran Ilmu Pentaksiran Formatif	2021	Muhammad Abd Hadi Bunyamin
18	Malaysia Gazette	Manfaatkan PdPR Dengan Pembelajaran Berasaskan Projek	2021	Muhammad Abd Hadi Bunyamin
19	Utusan Malaysia	Jangan Perlekeh Staf Bukan Akademik	2021	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
20	Utusan Malaysia	Pentingnya Nilai Murni Dalam Pendidikan	2021	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
21	Malaysia Gazette	Ramadan Lahirkan Pekerja Berproduktiviti Tinggi, Pekerti Disegani	2021	Muhammad Abd Hadi Bunyamin

22	Malaysia Gazette	Transformasi Bakat Sektor Pendidikan Tinggi Dalam Dekad Baharu	2021	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
23	Malaysia Gazette	Merdekakan Negara Daripada Pandemik Berkembar	2021	Muhammad Abd Hadi Bunyamin
24	Berita Harian	Gembleng Bakat Universiti Cipta Kegemilangan Sektor Pendidikan	2021	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
25	Berita Harian	Kerajaan, Industri Perlu Manfaatkan Kepakaran Ahli Akademik	2021	Ahmad Fauzi Ismail, Muhammad Abd Hadi Bunyamin
26	Berita Harian	Serap Semangat Tahun Jamaah Perangi Pandemik Berkembar	2021	Muhammad Abd Hadi Bunyamin
27	Berita Harian	Misi Universiti Lahirkan Cendekia Awam Pelapis Ungku Aziz	2020	Muhammad Abd Hadi Bunyamin
28	Berita Harian	Perkasa Kurikulum Pendidikan Seiring Keperluan Zaman	2020	Nurul Aini Mohd Ahyar, Muhammad Abd Hadi Bunyamin
29	Malaysia Gazette	Transformasi Pendidikan Dalam Krisis Pandemik COVID-19	2020	Muhamad Afzamiman Aripin, Muhammad Abd Hadi Bunyamin
30	Berita Harian	Universiti Perlu Pupuk Budaya Niaga	2020	Muhammad Abd Hadi Bunyamin, Kassim Thukiman
31	Berita Harian	Hargai Cahaya Pendidik Terangi Hidup Setiap Insan	2020	Muhammad Abd Hadi Bunyamin, Thulasi Subramani
32	Berita Harian	Universiti Bantu Lahir Masyarakat Berjiwa Merdeka	2020	Muhammad Abd Hadi Bunyamin
33	Berita Harian	Mendidik Bukan Sekadar Mengajar Dalam Kelas	2020	Muhammad Abd Hadi Bunyamin

34	Berita Harian	Merealisasikan Amalan Terbaik Tadbir Urus	2020	Muhammad Abd Hadi Bunyamin, Kassim Thukiman
35	Berita Harian	Penjawat Awam Bawa Citra Indah Kerajaan	2020	Muhammad Abd Hadi Bunyamin
36	Berita Harian	Dunia Akademia Melangkaui Dinding Kampus	2020	Muhammad Abd Hadi Bunyamin
37	Berita Harian	Program Guru Bergerak Jayakan Matlamat Pendidikan	2020	Muhammad Abd Hadi Bunyamin
38	Berita Harian	Universiti Patut Manfaatkan Masyarakat	2019	Wahid Omar, Muhammad Abd Hadi Bunyamin
39	Sinar Harian	Perbetulkan Nawaitu, Berintegriti Ketika Melakukan Sesuatu Pekerjaan	2019	Muhammad Abd Hadi Bunyamin, Zainuddin Abd Manan
40	Sinar Harian	Menjayakan Asap: Ayuh Bersama-Sama Bersatu Hati Tangani Masalah Penggunaan Plastik	2019	Nur Izyan Wan Azelee, Muhammad Abd Hadi Bunyamin
41	Sinar Harian	Guru Muda Teraju Reformasi Pendidikan	2019	Muhammad Abd Hadi Bunyamin
42	UTM Newshub	Pensyarah Muda UTM Diiktiraf Kepakaran Sebagai Juri Pertandingan Inovasi STEM Johor	2019	Muhammad Abd Hadi Bunyamin
43	UTM Newshub	Ramadan Mulia, Ummah Sejahtera	2019	Zainuddin Abd Manan, Muhammad Abd Hadi Bunyamin
44	UTM Faculty of Education Website	Academic Visits By Universitas Negeri Surabaya, Indonesia To Faculty Of Education, UTM	2018	Muhammad Abd Hadi Bunyamin
45	Sinar Harian	Pentaksiran Yang Lebih Formatif	2018	Muhammad Abd Hadi Bunyamin

46	UTM Newshub	Sambutan Hari Guru Anjuran Fakulti Pendidikan UTM Disambut Gilang-Gemilang	2018	Muhammad Abd Hadi Bunyamin
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PLENARY/CHAIRPERSON/ORAL POSTER PRESENTER/KEYNOTE ADDRESS / INVITED GUEST SPEAKER

NO.	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1	Invited Guest Speaker	FASciate Talk 2024	19 December 2024	Akademi Sains Malaysia (ASM)
2	Invited Guest Speaker	Slot Polisi Inklusif KPT Sempena Minggu Mesra Mahasiswa UTM Sesi 2024/2025	1 Oktober 2024	UTM
3	Invited Guest Speaker	Science and Mathematics International Conference (SMIC) 2024	23 September 2024	Universitas Negeri Jakarta, Indonesia
4	Invited Guest Speaker	International Conference Of Primary Teacher Education	23 September 2024	Universitas Negeri Jakarta, Indonesia
5	Keynote Speaker	International Conference of Interdisciplinary Physics Application (ICIPA) 2024	18 September 2024	Cyber University, Jakarta, Indonesia
6	Keynote Speaker	The 4th International Conference on Physics Issues (ICoPIs) 2024	7 September 2024	Tadulako University, Indonesia
7	Keynote Speaker	The 1st International Seminar on Physics and Its Application (ISOPA) 2024	10 August 2024	Universitas Negeri Surabaya, Indonesia
8	Keynote Speaker	International Conference on SDGs for Sustainable Future (ICSSF) 2024	2 March 2024	Universitas Negeri Surabaya, Indonesia
9	Chairman of International Conference	Electronic Physics Informatics International Conference (EPIIC) 2023	25-26 August 2023	Universitas Negeri Jakarta, Indonesia
10	Keynote Speaker	STEM in Physics Education: Accelerating The Development of Post-Pandemic Physics Learning Research Through The Establishment of An Alliance of STEM Educators	23 August 2023	Jakarta, Indonesia
11	Invited Guest Speaker	STEM in Physics Education: Post-Pandemic Physics Learning Research Prospects	24 August 2023	Universitas Negeri Jakarta, Indonesia

12	Invited Guest Speaker	ChatGPT for Research and Writing	18 April 2023	UTM
13	Invited Guest Speaker	Student Leaders' Board: Exceptional Leadership Conference	4 December 2023	SMK Skudai, Johor
14	Invited Guest Speaker	Bengkel Pedagogi Sains Daerah Kulai	9 August 2023	Pejabat Pendidikan Daerah Kulai, Johor
15	Invited Guest Speaker	Perkongsian Program ODL Pendidikan Fizik 2023	29 January 2023	UTM
16	Invited Guest Speaker	Slot Kementerian Pendidikan Tinggi – Pembangunan Negara Madani Dalam Era IR 4.0 Sempena Minggu Mesra Mahasiswa UTM Sesi 2023/2024	3 October 2023	UTM
17	Invited Guest Speaker	Bicara Karya Buku: Penyelesaian Radikal Memartabat Pendidikan Tinggi	27 May 2023	World Trade Center, Kuala Lumpur (Pesta Buku Antarabangsa KL)
18	Invited Guest Speaker	Program Studython SPM 3 Penjuruan MRSM Zon Selatan	16 September 2023	UiTM Pasir Gudang, Johor
19	Invited Guest Speaker	Future and Current Digital Skills Trend For Researchers	14 May 2023	UTM
20	Invited Guest Speaker	Amplifying The Voices of Junior and Established API Scholars	30 August 2023	United States of America (USA)
21	Invited Guest Speaker	Program Temu Anwar 2023	3 September 2023	UTM
22	Invited Guest Speaker	Bengkel STEM Pro, Minggu Sains Negara (MSN)	19 August 2023	Larkin, Johor Bahru
23	Invited Guest Speaker	Online Webinar: Reimagining International Science Curriculum	25 June 2023	UTM
24	Plenary Speaker	CALOHEA National Meeting	9 March 2023	Chulalongkorn University, Bangkok, Thailand
25	Invited Guest Speaker	International Short Course On STEM Education "Trend, Challenge, and Potential Research on STEM Education"	12 August 2023	Universitas Negeri Malang, Indonesia
26	Invited Guest Speaker	Read & Relax: Emotional and Spiritual Quotient (ESQ)	25 August 2022	UTM Library
27	Invited Guest Speaker	Spencer Grant	29 June 2022	Faculty of Social Sciences and Humanities UTM

28	Invited Guest Speaker	News Article Writing Course 2022	5 October 2022	School of Postgraduate Studies UTM
29	Invited Guest Speaker	Professional Development Skill Workshop For Modern Lecturers	29 September 2022	UniKL, Pasir Gudang, Johor
30	Invited Guest Speaker	Bengkel STEM Pro, Minggu Sains Negara (MSN)	24 September 2022	SMK Seri Pulai Perdana, Johor
31	Invited Guest Speaker	Spencer Grant	18 July 2022	Research Management Centre (RMC) UTM
32	Invited Guest Speaker	Digital, Automation & Robotics Technology (DART) Week Special 2022	15 November 2022	Petrosains Johor Bahru
33	Invited Guest Speaker	NARST Virtual Event: Knowledge Mobilisation and Translation Across Boundaries	12 December 2022	United States of America (USA)
34	Keynote Speaker	The 11 th National Physics Seminar 2022	25 June 2022	Jakarta, Indonesia
35	Invited Guest Speaker	General Lecture Psychology Universitas Semarang	18 June 2022	Universitas Semarang, Indonesia
36	Invited Guest Speaker	The 1st Biennial Meeting for Research in Psychology and Education	11 August 2022	Universitas Negeri Semarang, Indonesia
37	Invited Guest Speaker	Pendekatan STEM Bersepadu Merentas Subjek STEM dan Kemanusiaan	27 November 2021	SMK Skudai, Johor
38	Keynote Speaker	1st International Conference on Physics (1st ICONPHY) 2021	30 October 2021	Universitas Negeri Makassar, Indonesia
39	Invited Guest Speaker	Kuala Lumpur Engineering and Science Fair 2021	29 October 2021	Kuala Lumpur
40	Invited Guest Speaker	Science Cafe - Young Scientist Network, Academy of Science Malaysia (YSN-ASM)	18 September 2021	Kuala Lumpur
41	Invited Guest Speaker	Bengkel Kerja Pembangunan Modul Pendidikan STEM Bersepadu	6 September 2021	Putrajaya
42	Keynote Speaker	The Education Challenges in Urban Area During Pandemic	1 May 2021	Universitas Semarang, Indonesia
43	Invited Guest Speaker	Program Tips "Awesome" Hadapi Peperiksaan Akhir	15 June 2021	Faculty of Social Sciences and Humanities UTM

44	Invited Guest Speaker	Program Penulisan Artikel Akhbar	1 July 2021	School of Civil Engineering UTM
45	Invited Guest Speaker	News Article Writing Course 2021	12 September 2021	School of Postgraduate Studies UTM
46	Invited Guest Speaker	Realiti Pembangunan Mahasiswa	23 April 2020	Student Union Taskforce UTM
47	Invited Guest Speaker	Program Beauty FSSH 2020	29 December 2020	Persatuan Mahasiswa Pendidikan UTM
48	Invited Guest Speaker	Online Global Classroom	22 December 2020	Faculty of Social Sciences and Humanities UTM
49	Invited Guest Speaker	Read & Relax Siri 18/2019	10 October 2018	UTM Library
50	Invited Guest Speaker	Bengkel Lonjakan Prestasi Akademik SPM 2019	27 July 2019	SMK Seri Pulai Perdana, Johor
51	Invited Guest Speaker	Bengkel Matematik Dalam Kehidupan Calon PPSR 2019	4 July 2019	SK Nong Chik, Johor Bahru, Johor
52	Invited Guest Speaker	4th Colloquium of Science and Mathematics Education Research Group	1 October 2019	Faculty of Social Sciences and Humanities UTM
53	Keynote Speaker	Bangladesh STEM Society	20 July 2019	Dhaka, Bangladesh
54	Plenary Speaker	2018 International Symposium STEAM	29 January 2018	Chosun University, South Korea
55	Invited Guest Speaker	Workshop on STEM Integration	12 April 2018	Faculty of Social Sciences and Humanities UTM
56	Invited Guest Speaker	Program Motivasi Kem SPM dan PT3 Siri 2 2018	12 July 2018	MRSM Tun Dr Ismail Pontian, Johor
57	Invited Guest Speaker	Structured Course 3	7 July 2018	Faculty of Social Sciences and Humanities UTM

PROFESSIONAL SERVICES

Community Project

NO	ROLE	NAME OF PROJECT	DATE	TOTAL VALUE OF PROJECT (RM)
1	Project Leader	Knowledge Transfer Programme for New Technology in Industrial Wastewater Treatment (UTM Recognition: 4 STAR Rating)	1 June -31 December 2023	RM 7950.00

Community and University Services

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
1	Perasmi	Majlis Graduasi MRSM Johor Bahru	27 November 2024	Community	MRSM Johor Bahru
2	Perasmi	Minggu STEM dan TVET	3 Oktober 2024	Community	SMK Gelang Patah, Johor
3	Imam	Surau Taman Sri Putri, Skudai	1 Jun 2024-31 Disember 2025	Community	Surau Taman Sri Putri, Skudai
4	Facilitator	Bengkel Pembangunan Kerangka Halatuju Semakan Kurikulum Program Akademik Prasiswazah UTM 2023	23-25 February 2023	UTM	Putrajaya
5	Committee (Master of Ceremony)	Bengkel Pengembangan Literasi Bahan Kimia Pengganggu Endokrin 2022	31 March 2022	Community	UTM
6	Committee Member	Projek Pengasingan Sisa Luar Bandar 2020	2-3 October 2020	Community	Kota Tinggi, Johor
7	Committee Member	1st Scouts Science Technology Engineering Mathematics (STEM) Camporee 2019	12-15 April 2019	Community	Johor Bahru, Johor
8	Committee Member	Projek Pengasingan Sisa Luar Bandar 2019	30 November 2019-1 December 2019	Community	Seberang Perai, Pulau Pinang
9	Committee Member	Projek Pengasingan Sisa Luar Bandar 2019	28-29 August 2019	Community	Gopeng, Perak
10	Perunding (Tidak Berbayar)	Projek GreenTechs	25 April 2019	Community	SMK Sultan Ismail, Johor Bahru, Johor
11	Exhibitor	Pameran dan Demonstrasi Sempena Mini Karnival Ecolife	28 July 2018	Community	SK Kampong Pasir, Johor
12	Penyelia	Kajian Tindakan Program Jalinan Antara Sekolah Kluster Kecemerlangan (SKK) dengan Universiti Awam	1-31 Januari 2018	Community	Jabatan Pendidikan Tinggi, Kementerian Pendidikan Tinggi

13	Perasmi	Karnival Matematik MRSM Semalaysia Kali Ke-13 2018	30 April 2018	Community	MRSM Johor Bahru, Johor
14	Penasihat Bersama	Kelab Kreatif Dan Inovasi	1 Februari 2018-1 Februari 2019	Community	SMK Sultan Ismail Johor Bahru, Johor

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NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT	YEAR
1	Stakeholders' Perception Toward The Need For New Industrial Wastewater Treatment Technology In Malaysia	Approved	2022
2	Soal Selidik Pengajaran Dan Pembelajaran Inspiratif Universiti Malaysia Bagi Bidang Pengajian Sains, Teknologi, Kejuruteraan dan Matematik: Perspektif Pelajar Sarjana Muda	Approved	2022
3	Borang Penilaian Penyampaian Kursus Pengurusan Sisa	Approved	2020
4	Modul Pembuatan Kompos Dedak Bokashi Dari Sisa Makanan	Approved	2020
5	Modul Membuat Kompos Sisa Makanan	Approved	2020
6	Modul Latihan Kaedah Membuat Sabun Pencuci Dari Minyak Masak Terpakai	Approved	2020
7	POLYM3R	Approved	2020
8	Personal Hygiene (Hand Hygiene)	Approved	2020
9	ACK Light Kit - A Teaching Aid To Help In Mastering And Understanding Light Concept Among The Secondary School Students	Approved	2019
10	Penyediaan Penggalak Tanaman Organik	Approved	2019
11	Work Process of Project-Based Learning Using An Empirical Research Approach	Approved	2019
12	Modul Pengurusan Sisa Bukan Organik	Approved	2019
13	Pengasingan Sisa Di Punca	Approved	2019
14	Penstoran Sementara Sisa	Approved	2019
15	Perspektif Guru Fizik SPM Terhadap Pengajaran STEM	Approved	2019
16	Optics Fun Kit	Approved	2019
17	Kursus Kemahiran Belajar Murid Tahun 6	Approved	2019
18	Two-Stage Pretreatment of Kenaf By Peracetic Acid and Calcium Hydroxide	Approved	2019
19	The Usage of Puzzles To Assist Form 3 Students To Enhance Their Group Brainstorming Skills	Approved	2018
20	Smoogle Kit - a Learning Tool to Enhance the Understanding of Basic Mathematical Concepts Among Primary School Students	Approved	2018

21	Analisis Keperluan Program Pembangunan Profesional Pedagogi STEM Secara Dalam Talian	Approved	2018
22	Soal Selidik Impak Program Sit-In 2018 Terhadap Pembangunan Insan Menyeluruh Universitas Ahmad Dahlan	Approved	2018
23	Soal Selidik Impak Program Internship 2018 Terhadap Pembangunan Insan Menyeluruh Universitas Hamzanwadi Indonesia	Approved	2018
24	Soal Selidik Minat Kecenderungan Dan Persepsi Murid Terhadap Bidang Sains Teknologi Kejuruteraan Dan Matematik	Approved	2018
25	Soal Selidik Impak Program Lawatan Akademik Universitas Negeri Surabaya 2018 Terhadap Pembangunan Mahasiswa	Approved	2018
26	Modul Pengajaran Integrasi Quraniq STEM	Approved	2017