



PERSONAL DETAILS

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Gender : MALE
Date of Birth/Age : 26 JUNE 1970/ 54
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 SKUDAI, JOHOR
 SCHOOL OF EDUCATION
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Expertise : Technical and Vocational Education and Training, Visualization Skills
 and Instructional Design, Competency and Performance-Based
 Assessment
H-Index (WOS) : 5
H-Index (SCOPUS) : 6
H-Index (G. Scholar) : 18
H-Index (Researchgate) : 10

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1	Doctor of Philosophy	Technic and Vocational Education	Universiti Teknologi Malaysia	2005	2008
2	Master Degree	Technic and Vocational Educatioj	Universiti Teknologi Malaysia	1998	1999
3	Bachelor Degree	Technology with Education (Mechanical Engineering)	Universiti Teknologi Malaysia	1994	1996
4	Diploma	Mechanical Engineering (Aeronautical Studies)	Universiti Teknologi Malaysia	1988	1991

AWARD AND HONORS RECEIVED

Summary	
International Awards/Honors	0
National Awards/Honors	3
UTM Awards/Honors	13
Faculty Awards/Honors	5

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1	Anugerah Perkhidmatan Cemerlang Sekolah Pendidikan bagi Tahun 2023	FACULTY	2024
2	Anugerah Penyelaras Program Akademik Kategori Pra Siswazah 2023: Sekolah Pendidikan	FACULTY	2024
3	Anugerah Perkhidmatan Cemerlang Sekolah Pendidikan bagi Tahun 2022	FACULTY	2023
4	Gold Award, HITeL Teaching and Learning Innovation Competition- innovators 2022	NATIONAL	2022
5	Award of Excellence – Active Blended Learning Course (MHPV1113-01) Semester 1 – 2022/2023	UTM	2022
6	Award of Excellence – Active Blended Learning Course (MHPV1113-01) Semester 2 – 2021/2022	UTM	2022
7	Award of Excellence – Active Blended Learning Course (SHPA2001-12) Semester 1 – 2021/2022	UTM	2022
8	Award of Excellence – Active Blended Learning Course (SHPE2122-02) Semester 1 – 2021/2022	UTM	2022
9	Award of Excellence – Active Blended Learning Course (SHPE2122-03) Semester 1 – 2021/2022	UTM	2022
10	Anugerah Jasa Bakti, Universiti Teknologi Malaysia	UTM	2022
11	Award of Excellence – Active Blended Learning Course (SHPL2012-02) Semester 1 – 2021/2022	UTM	2021
12	Bronze Award, NALI 2021 Exhibition & Competition	UTM	2021
13	Anugerah Penulis Dalam Jurnal Berindeks, Citra Karisma 2021	UTM	2021
14	Gold Medal in Pertandingan Rekacipta Inovasi Nasional-Kejuruteraan Dan Alam Bina 2019 (PRIN-KAB2019) Universiti Kebangsaan Malaysia	NATIONAL	2019
15	Pemenang Utama Pertandingan Rekacipta Inovasi Nasional-Kejuruteraan Dan Alam Bina 2019 (PRIN-KAB2019) Universiti Kebangsaan Malaysia	NATIONAL	2019
16	Award Of Excellence Course SPPE1022-02 Lukisan Kejuruteraan 1 (Engineering Drawing 1) In Recognition Of Valuable	UTM	2018

	Contribution Active Blended Learning Course Semester 2 - 2017/2018		
17	Anugerah Penasihat Akademik 2018, Faculty of Social Sciences and Humanities	FACULTY	2018
18	Anugerah Perkhidmatan Cemerlang 2018, Faculty of Social Sciences and Humanities	FACULTY	2018
19	Anugerah Perkhidmatan Cemerlang Tahun 2010, Universiti Teknologi Malaysia	UTM	2011
20	Bronze Medal in 11th Industrial Art and Technology Exhibition (INATEX 2009) Universiti Teknologi Malaysia	UTM	2009
21	User Friendly Booth Award in Industrial Art and Technology Exhibitiion 1998 (INATEX 1998) Universiti Teknologi Malaysia	UTM	1998

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
1	Associate Professor	June 2020	Now	Faculty of Social Sciences and Humanities UTM
2	Head Department	1 May 2009	30 October 2012	Faculty of Education, UTM
3	Senior Lecturer	September 2009	May 2020	Faculty of Education, UTM
4	Lecturer	February 2000	September 2009	Faculty of Education, UTM
5	Tutor	31 March 1997	7 February 2000	Faculty of Education, UTM
6	QA Engineer	November 1996	March 1997	Epson Precision (J), Jalan Tampoi, Johor Bahru, Johor
7	Guru Sandaran Tidak Terlatih	December 1992	June 1994	Sekolah Menengah Gelang Patah, Johor Bahru, Johor
8	Technical Assistant	June 1991	November 1992	Malaya Glass Berhad, Tampoi, Johor Bahru, Johor

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

Summary	
International Professional Membership / Qualifications / Recognition	2
National Professional Membership / Qualifications / Recognition	4

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1	Society of Engineering Education Malaysia	NATIONAL	Member	2021-2022

2	Malaysia Board of Technologist (MBOT)	NATIONAL	Professional Technologist	2020-now
3	Malaysia Board of Technologist (MBOT)	NATIONAL	Graduate Technologist	2019-2023
4	International Vocational Education and Training Association (IVETA)	INTERNATIONAL	Member	2010-2019
5	Asian Academic Society for Vocational Education and Training	INTERNATIONAL	Member	2012-2015
6	Persatuan Pendidikan Teknik dan Vokasional Malaysia	NATIONAL	Secretary	2009-2012

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ FACULTY/ DIVISION
1	Head Department	May 2009	October 2012	Department of Technical and Engineering Education, Faculty of Education
2	Head of Machining Workshop	January 2022	Now	Department of Technical and Engineering Education, Faculty of Social Sciences and Humanities
3	Head of Pneumatic Labs	July 2018	December 2021	Department of Technical and Engineering Education, Faculty of Social Sciences and Humanities

CONSULTATION WORKS

Summary	
Consultation Project-UTM	8 projects (RM 278,394)
Consultation Project- Others	11 projects (RM 359,240)

No.	Year	Title	Value	Vot
1.	2023	5 th Technical and Vocational Education and Training International Conference	RM 37,700	UTIM210 - UTIM
2.	2021	Career Path Competency Matrix Up Skilling Program: ICT and Innovation in Teaching and Learning TVET	RM 8,000	UTIM148 - UTIM
3.	2018	Internship Universitas Hamzanwadi Dan Universitas Ahmad Dahlan Indonesia-FP dengan UTM	RM 34,000	GTIM37- GTIM
4.	2018	Panel Penilai dan Pembaca Prof (Reader) Buku Teks KSSM Rekabentuk dan Teknologi Tingkatan 3 (Kegunaan Mulai Tahun 2019)	RM 1,000	Bestari Publication Sdn. Bhd.
5.	2016	Technical and Vocational Education & Training International Conference 2016. 18 November 2016 – 19 November 2016	RM 49,000	PPTVM & FPUTM
6.	2016	Program Pemeraksanaan Asnaf Bagi Tahun 2016. Unit Pembangunan Asnaf Majlis Agama Islam Negeri Johor	RM 134,100	UT.KORP/1.11 Jld. 13(84) -

		1 March 2016 – 30 November 2016		
7.	2014	Program Pembangunan Professional Pegawai Teknikal MBJB 21 December 2014 – 22 December 2014	RM 2,800	UTMSpace
8.	2014	Kursus Electronic Product Development SKM Tahap 4 Modul B05-04-02 (PLC Programming Advanced) K2 Bagi Pensyarah-pensyarah Kolej Vokasional, KPM 8 June 2014 – 13 June 2014	RM 35,000	798 - UTSB
9.	2014	Latihan Program Jalinan Pendidikan Bengkel Asas Rekabentuk CAD 25 May 2014 – 26 May 2014	RM 4,800	792 –UTSB
10.	2014	Asas Aplikasi AutoCAD 2D & 3D 24 March 2014 – 27 March 2014	RM 5,900	UTMSpace
11.	2013	Kursus Peningkatan Ilmu Bidang Robotik, Mekatronik dan Pneumatik bagi Pensyarah-pensyarah Kolej Komuniti, KPM 14 October 2013 – 18 October 2013	RM 28,000	719 - UTSB
12.	2013	Kursus Asas Aplikasi AutoCAD 2D dan 3D 7 October 2013 – 10 October 2013	RM 5,040	UTMSpace
13.	2013	AutoCAD Tahap 1 (In-House: TUDM) 10 June 2013 – 20 June 2013	RM 11,200	UTMSpace
14.	2013	Kursus Asas Aplikasi AutoCAD 2D dan 3D 27 May 2013 – 30 May 2013	RM 5,600	UTMSpace
15.	2012	CONSULTANCY RESEARCH PROJECT AWARDED BY Iskandar Malaysia Reseach Center (IMREC) - Employment Opportunity: Critical Match Analysis of Community College Graduate	RM 110,000	4J093 - IMREC
16.	2012	CONSULTANCY RESEARCH PROJECT AWARDED BY Iskandar Malaysia Reseach Center (IMREC) - A Feasibility Study on the Development of Educuity: A Case Study	RM 70,000	4J091 – IMREC
17.	2012	Program Pembangunan Profesional: AutoCAD 2012 (Tahap 1) 10 July 2012 – 13 July 2012	RM 5,600	UTMSpace
18.	2010	Carear Path Competency Matrix (CPCM) for Community College Academic Staff, Ministry of Higher Education. 14 July 2010 – 31 December 2010	RM 69,900	UTSB
19.	2003	The Concept of 9 Technical and 31 Vocational Textbook'. June 2002 – October 2003	RM 19,994	63253 - UTSB

INTERNATIONAL/NATIONAL/UNIVERSITY COMMITTEE

Summary	
International Committee	0
National Committee	3
University Committee	3
Faculty Committee	21
Community Committee	4

International

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE

National

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Jawatankuasa Penilaian Teknikal 2 Bagi Program Penerbitan Buku Teks Kurikulum Standard Sekolah Menengah Tingkatan 3 Pembekalan Mulai Tahun 2018 (Kegunaan Mulai Tahun 2019), Bahagian Buku Teks, Kementerian Pendidikan Malaysia	Chairman	February 2018	March 2018
2	Mesyuarat Penyemakan Pembetulan Pruf Mukasurat kali Ke-2 Program Penerbitan Buku Teks Kurikulum Standard Sekolah Menengah Tingkatan 1 dan Mata Pelajaran Elektif Ikhtisas (MPEI) Tingkatan 4 Bagi Pembekalan Mulai Tahun 2016 (Kegunaan Mulai Tahun 2017) Melalui Kaedah Tender/Sebut Harga, Bahagian Buku Teks, Kementerian Pendidikan Malaysia	Chairman	July 2016	July 2016
3	Jawatankuasa Penilaian Teknikal 4 Mesyuarat Penyemakan Pembetulan Pruf Mukasurat Program Penerbitan Pakej Buku Teks Kurikulum Standard Sekolah Menengah Mata Pelajaran Asas Kelestarian Tingkatan 4 Bagi Pembekalan Mulai Tahun 2016 Melalui Kaedah Sebut Harga, Bahagian Buku Teks, Kementerian Pendidikan Malaysia	Chairman	June 2016	July 2016

University

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Program Internship Universitas Hamzanwadi-Universiti Teknologi Malaysia	Program Director	March 2018	April 2018

2	MIT-UTM Blossoms Project	Committee Member	January 2012	December 2012
3	Jawatankuasa Induk Persekitaran, Keselamatan & Kesihatan Pekerjaan Universiti Teknologi Malaysia	Committee Member	May 2009	May 2012

Faculty

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Jawatankuasa Program Rintis Sijil Kemahiran Malaysia, FSSH	Committee Member	1 August 2021	31 August 2021
2	Penyelaras Program Pra-Siswazah (Program Sarjana Muda Teknologi Serta Pendidikan (Kejuruteraan Mekanikal)	Program Coordinator	July 2018	Now
3	Jawatankuasa Jadual Waktu Dan Kurikulum Jabatan Pendidikan Teknikal Dan Kejuruteraan	Chairman	July 2018	Now
4	Jawatankuasa Makmal dan Bengkel, Sekolah Pendidikan, Fakulti Sains Sosial dan Kemanusiaan	Committee Member	July 2018	June 2020
5	Jawatankuasa Dokumentasi (Video) Jabatan Pendidikan Teknikal Dan Kejuruteraan	Chairman	July 2018	June 2020
6	Jawatankuasa Pemasaran Jabatan Pendidikan Teknikal Dan Kejuruteraan	Committee Member	July 2018	June 2020
7	Jawatankuasa Laman Web Research Group Technical Vocational Education & Training (TVET), Fakulti Pendidikan UTM	Committee Member	June 2017	May 2018
8	Program Prasiswazah (SPJ) Fakulti Pendidikan	Program Coordinator	March 2017	July 2018
9	Occupational Safety, Health & Environment Committee	Committee Member	April 2016	March 2018
10	Spirit Of Togetherness 2016 Camps Committee	Vice Chairman	January 2016	December 2016

11	Jawatankuasa Sijil Kemahiran Malaysia	Committee Member	January 2016	July 2018
12	Jawatankuasa Projek Sarjana Muda, Fakulti Pendidikan	Coordinator	August 2015	July 2018
13	Jawatankuasa Akademik Fakulti Pendidikan	Committee Member	January 2015	July 2018
14	Task Force Permohonan Bangunan Baru Fakulti Pendidikan	Chairman	July 2014	July 2016
15	Task Force UTM Brand Pedagogy	Committee Member	November 2012	October 2013
16	Occupational Safety and Health Committee, Faculty of Education	Chairman	June 2009	May 2011
17	Occupational Safety and Health Committee, Faculty of Education	Deputy Chairman	May 2009	June 2009
18	Faculty of Education Undergraduate Academic Committee	Committee Member	May 2009	April 2011
19	Faculty of Education Postgraduate Committee	Committee Member	May 2009	April 2011
20	Bengkel dan Makmal JPTK Fakulti Pendidikan	Manager	January 2009	January 2011
21	Bengkel N30 JPTK Fakulti Pendidikan	Coordinator	January 2009	January 2011

Community

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Persatuan Ibu Bapa dan Guru Sekolah Menengah Pulau Perdana, Johor Bahru	Timbalan Dipertua	April 2016	March 2017
2	Persatuan Ibu Bapa dan Guru Sekolah Menengah Pulau Perdana, Johor Bahru	Dipertua	February 2015	March 2016
3	Badan Kebajikan Penduduk Islam, Perdana Terraces, Taman Sri Pulau Perdana	Bendahari	June 2009	May 2015
4	Persatuan Penduduk Perdana Terraces, Taman Sri Pulau Perdana	Committee Member	February 2007	Januray 2009

SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
1	Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam 2024	Fakulti Pengajian Pendidikan, Universiti Putra Malaysia, Malaysia	23 October 2024	24 October 2024
2	TVET digital Revolution: Innovative Teaching and Learning for Industry Changes due to Industry 4.0 Webinar	Bahagian Instruksional dan Pembelajaran Digital, Jabatan Pendidikan Politeknik dan Kolej Komuniti, Kementerian Pengajian Tinggi	22 February 2022	24 February 2022
3	The Malaysian Higher Education 4.0 Webinar Series (Connectivism and Online Learning) – Akademik Profesor Negara	Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia	28 October 2021	28 October 2021
4	The Malaysian Higher Education 4.0 Webinar Series (Landscape of Malaysian Higher Education) – Akademik Profesor Negara	Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia	27 September 2021	27 September 2021
5	Webinar Perpaduan: Rukun Negara Sebagai Ideologi Kebangsaan	Jabatan Perpaduan Negara dan Integrasi Nasional Negeri Johor	30 August 2021	30 August 2021
6	International Education Colloquium FSSH-UMP: Innovation in Education	Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia and Universitas Muhammadiyah Purwokerto, Indonesia.	29 August 2021	29 August 2021
7	2nd International Conference on Creative and Innovative Technology in Education	Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia	25 August 2021	26 August 2021
8	Problem-based Learning Workshops: How to prepare for successful exhibition	Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia	16 August 2021	16 August 2021
9	Quantitative Research Method in Social Sciences	Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia	8 August 2021	8 August 2021
10	Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam 2021	Universiti Kebangsaan Malaysia	13 March 2021	14 March 2021
11	Advanced E-Learning UTM Course	CICSO WEBEX MEETINGS PLATFORM	9 March 2021	9 March 2021

12	Lecture Video Editing Using Kinemaster Course	CICSO WEBEX MEETINGS PLATFORM	8 March 2021	8 March 2021
13	Kursus Audit Akademik	Faculty of Social Sciences and Humanities, Universiti Teknologi Malaysia	10 February 2021	10 February 2021
14	CEE UTM Webinar Series: How to Integrate SDGS in Higher Education Curricula	Center for Engineering Education, Universiti Teknologi Malaysia	10 June 2020	10 June 2020

RESEARCH ACTIVITIES

Summary	
Principal Investigator- International Grants	0 projects (RM0)
Principal Investigator- National Grants	1 projects (RM110,000)
Principal Investigator- UTM Grants	2 projects (RM50,000)
Member- International Grants	0 projects (RM0)
Member- National Grants	6 projects (RM470,950)
Member- UTM Grants	8 projects (RM139,099)

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	Employment Opportunity: Critical Match Analysis of Community College Graduate	Project Leader	OTHERS - IMREC	UTM R&D Fund	RM110,000	1 Oct 2012	30 April 2013	4J093
2	Pola Kemahiran Visualisasi dan Gaya Belajar Dalam Kalangan Pelajar Kejuruteraan di Universiti Teknologi Malaysia	Project Leader	UTM	New Academic Staff	RM10,000	1 Sept 2009	31 Aug 2010	3P043
3	Kemahiran Visualisasi dan Amalan Gaya Belajar Pelajar-pelajar Kejuruteraan di Institusi Pengajian	Project Leader	UTM	GUP Grant	RM40,000	1 April 2011	31 July 2012	03J95

	Tinggi Awam Tempatan							
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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	Pembangunan Model Teras Kemahiran Kebolehpasaran Lestari Graduan TVET Kejuruteraan Mekanikal	Project Member	UTM	FRGS	RM89,900	1 Sept 2022	31 Aug 2024	5F580
2	Measuring the 21st Century Skills Among Final Year Students Based on the Implementation of Design Thinking in Polytechnics	Project Member	UTM	Matching Grant	RM5,000	1 April 2022	30 Sept 2022	04M05
3	Incorporating Nondestructive Testing (NDT) Theory and Technical Skills Into Welding Inspection Curriculum.	Project Member	UTM	GUP Grant – Tier 2	RM10,000	1 Feb 2018	30 April 2019	15J09
4	Pembangunan Kerangka Profil Kemahiran Generik Hijau Untuk Pekerjaan Dalam Industri Berteknologi Hijau	Project Member	UTM	FRGS	RM61,200	1 Aug 2016	31 July 2019	4F841
5	Pelaksanaan Pendekatan Internship Sebagai Kerja Kursus Dalam Pengajaran Dan Pembelajaran Pelajar Program Sarjana Muda	Project Member	UTM	Dana Pembangunan Pengajaran	RM10,000	15 July 2016	14 July 2018	4J245
6	Pengaruh Konsepsi, Pendekatan dan Strategi Pembelajaran	Project Member	UTM	FRGS – Tier 1	RM23,000	1 April 2014	31 March 2016	08H15

	Terhadap Pencapaian Akademik di Institusi Pendidikan Guru Teknikal dan Vokasional Malaysia							
7	Kerangka Penilaian Risiko Keselamatan Dan Kesihatan Kontraktor Semasa Menjalani Kerja-Kerja Pendawaian Elektrik Di Pemasangan Awam	Project Member	UTM	GUP Grant – Tier 2	RM32,000	1 Dec 2012	31 Dec 2013	07J84
8	A Feasibility Study On The Development Of Educity - A Case Study	Project Member	OTHERS - IMREC	UTM R&D Fund	RM80,000	1 Oct 2012	30 April 2013	4J091
9	Pembinaan dan Pengesahan Instrumen Pengujian Pemahaman Konsep Inovasi	Project Member	UTM	GUP Grant – Tier 2	RM12,099	1 May 2012	30 April 2013	05J24
10	Kajian Semakan Semula Keberkesanan Fungsi Malaysian Educator Selection Inventory (MedSi)	Project Member	OTHER- KPT	FRGS	RM176,850	January 2012	December 2012	4B038
11	The Study on Computer Aided Design (CAD) Roles in Designing Among Students Designer at Higher Education Institution	Project Member	UTM	New Academic Staff	RM20,000	1 Dec 2011	30 Nov 2012	4P031
12	Instrumen Penilaian Pelaksanaan Pembimbing Dalam Pembelajaran Berasaskan Kerja	Project Member	UTM	GUP Grant – Tier 2	RM40,000	1 April 2011	1 Aug 2012	01J38

13	Accident Proneness Behavior Among Malaysian Motorists: A Psychological Investigation	Project Member	UTM	FRGS	RM40,000	January 2011	December 2012	4F068
14	Merekabentuk & Membina Peralatan Khas untuk Kanak-kanak Cerebral Palsy	Project Member	UTM	Short Term	RM10,000	30 April 1992	30 May 1993	71030

COLLABORATION / MOU

NO	NAME OF MOU	LEVEL OF MOU (NATIONAL/INTERNATIONAL)	STARTING DATE	ENDING DATE

TEACHING ACTIVITIES

Summary	
Total Credit Hours	354

UNDERGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2024/2025	1	SHPA2001	Pengajaran Mikro	1	5
2024/2025	1	SHPE1002	Asas Lukisan Kejuruteraan	2	5
2023/2024	2	SHPE3212	Kimpalan Arka	2	8
2023/2024	2	SHPP2032	Pengukuran dan Penilaian Pendidikan	2	31
2023/2024	1	SHPA2001	Pengajaran Mikro	1	5
2023/2024	1	SHPE1002	Asas Lukisan Kejuruteraan	2	16
2023/2024	1	SHPE2122	Asas Kimpalan dan Fabrikasi Logam	2	17
2023/2024	1	SHPE4612	Asas Pneumatik dan Hidraulik	2	17
2022/2023	2	SHPE4612	Asas Pneumatik dan Hidraulik	2	27
2022/2023	2	SHPP2032	Pengukuran dan Penilaian Pendidikan	2	24
2022/2023	1	SHPA2001	Pengajaran Mikro	1	6
2022/2023	1	SHPE1013	Lukisan Kejuruteraan	3	27
2022/2023	1	SHPE2122	Asas Kimpalan dan Fabrikasi Logam	2	14
2022/2023	1	SPPE4612	Asas Pneumatik dan Hidraulik	2	18
2021/2022	2	SHPP2032	Pengukuran dan Penilaian Pendidikan	2	40
2021/2022	2	SHPE4612	Asas Pneumatik dan Hidraulik	2	4

2021/2022	1	SHPA2001	Pengajaran Mikro	1	7
2021/2022	1	SHPE2122	Asas Kimpalan dan Fabrikasi Logam	2	17
2021/2022	1	SHPE3212 @SPPE3212	Kimpalan Arka	2	18
2021/2022	1	SPPE4612	Asas Pneumatik dan Hidraulik	2	13
2020/2021	2	SHPE1022	Lukisan Kejuruteraan 1	2	13
2020/2021	2	SHPL2012	Kimpalan dan Fabrikasi Logam	2	20
2020/2021	1	SEMU1212	Statik	3	8
2020/2021	1	SHPE1022	Lukisan Kejuruteraan 1	2	19
2020/2021	1	SHPE2022	Pengantar PTV	2	21
2020/2021	1	SPPA2001	Pengajaran Mikro	1	7
2019/2020	2	SHPE1022	Lukisan Kejuruteraan 1	2	17
2019/2020	2	SPPE2122	Asas Kimpalan dan Fabrikasi Logam	2	10
2019/2020	1	SPPA2001	Pengajaran Mikro	1	5
2019/2020	1	SPPE1022	Lukisan Kejuruteraan 1	2	26
2019/2020	1	SPPE2122	Asas Kimpalan dan Fabrikasi Logam	2	14
2018/2019	2	SPPE2322	Kimpalan TIG	2	13
2018/2019	2	SPPE2622	Rekabentuk Industri	2	3
2018/2019	2	SPPL2012	Kimpalan dan Fabrikasi Logam	2	10
2018/2019	1	SPPA2001	Pengajaran Mikro	1	7
2018/2019	1	SPPE1022	Lukisan Kejuruteraan 1	2	11
2018/2019	1	SPPE2342	Kimpalan MIG	2	7
2018/2019	1	SPPE4612	Asas Pneumatik dan Hidraulik	2	21
2017/2018	2	SPPE1022	Lukisan Kejuruteraan 1	2	21
2017/2018	2	SPPE1033	Keselamatan dan Pengurusan Bengkel	3	10
2017/2018	2	SPPE1102	Amalan Ketukangan Kayu	2	4
2017/2018	2	SPPE1212	Amalan Fabrikasi Logam	2	7
2017/2018	1	SPPA2001	Pengajaran Mikro	1	13
2017/2018	1	SPPE1033	Keselamatan dan Pengurusan Bengkel	3	10
2017/2018	1	SPPE2122	Asas Kimpalan dan Fabrikasi Logam	2	5
2017/2018	1	SPPE2342	Kimpalan MIG	2	11
2017/2018	1	SPPE2342	Kimpalan MIG	2	13
2016/2017	2	SPPL2012	Kimpalan dan Fabrikasi Logam	2	21
2016/2017	2	SPPL2012	Kimpalan dan Fabrikasi Logam	2	20
2016/2017	1	SPPA2001	Pengajaran Mikro	1	11
2016/2017	1	SPPE1212	Amalan Fabrikasi Logam	2	11
2016/2017	1	SPPE1212	Amalan Fabrikasi Logam	2	9
2016/2017	1	SPPE2122	Asas Kimpalan dan Fabrikasi Logam	2	20
2015/2016	2	SPPE2112	Lukisan Kejuruteraan Berbantu Komputer	2	8

2015/2016	2	SPPE2112	Lukisan Kejuruteraan Berbantu Komputer	2	2
2015/2016	2	SPPE2122	Asas Kimpalan dan Fabrikasi Logam	2	21
2015/2016	1	SPPE4612	Asas Pneumatik dan Hidraulik	2	11
2015/2016	1	SPPE4612	Asas Pneumatik dan Hidraulik	2	11
2014/2015	2	SPPE1033	Keselamatan dan Pengurusan Bengkel	3	10
2014/2015	1	SPPE4612	Asas Pneumatik dan Hidraulik	2	13
2014/2015	1	SPPE4172	Penilaian dan Pengukuran Berasaskan Ketrampilan Pekerja	2	44
2013/2014	2	SPPL2012	Kimpalan dan Fabrikasi Logam	2	12
2013/2014	2	UKQU2202	Elektif Inovasi dan Kreativiti	2	24
2013/2014	1	SPE4612	Asas Pneumatik & Hidraulik	2	15
2013/2014	1	SPE4612	Asas Pneumatik & Hidraulik	2	17
2013/2014	1	SPE4612	Asas Pneumatik & Hidraulik	2	6
2013/2014	1	SPE4612	Asas Pneumatik & Hidraulik	2	11
2012/2013	2	UKQU2202	Elektif Inovasi dan Kreativiti	2	30
2012/2013	2	SPL2012	Kimpalan dan Fabrikasi Logam	2	20
2012/2013	2	SPE2012	Kaedah Mengajar dalam PTV	2	40
2012/2013	1	SPE4612	Asas Pneumatik & Hidraulik	2	15
2012/2013	1	SPE4612	Asas Pneumatik & Hidraulik	2	19
2011/2012	2	SPL2012	Kimpalan dan Fabrikasi Logam	2	17
2011/2012	1	SPE4612	Asas Pneumatik & Hidraulik	2	17
2011/2012	1	SPE4612	Asas Pneumatik & Hidraulik	2	18
2010/2011	2	SPE1302	Amalan Kimpalan dan Fabrikasi Logam	2	12
2010/2011	1	SPE4612	Asas Pneumatik & Hidraulik	2	
2009/2010	2	SPE1022	Lukisan Kejuruteraan 1	2	27
2009/2010	2	SPE1022	Lukisan Kejuruteraan 1	2	22
2009/2010	2	SPE2012	Kaedah Mengajar PTV	2	30
2009/2010	2	SPE2012	Kaedah Mengajar PTV	2	30
2009/2010	2	SPE2012	Kaedah Mengajar PTV	2	33
2009/2010	2	SPL2012	Kimpalan dan Fabrikasi Logam	2	22
2009/2010	1	SPE4612	Asas Pneumatik & Hidraulik	2	21
2009/2010	1	SPE4612	Asas Pneumatik & Hidraulik	2	18
2009/2010	1	SPE4612	Asas Pneumatik & Hidraulik	2	11
2008/2009	2	SPE2602	Rekabentuk Sistem	2	34
2008/2009	2	SPE3502	Teknologi Kejuruteraan II	2	26
2008/2009	2	SPE3502	Teknologi Kejuruteraan II	2	7
2008/2009	2	SPE4602	Teknologi Pembuatan	2	23
2008/2009	2	SPE4602	Teknologi Pembuatan	2	57
2008/2009	2	SPE4602	Teknologi Pembuatan	2	57
2008/2009	2	SPE4602	Teknologi Pembuatan	2	58
2008/2009	2	SPE4612	Asas Pneumatik & Hidraulik	2	30

2008/2009	2	SPL2012	Kimpalan dan Fabrikasi Logam	2	27
2008/2009	1	SPE4612	Asas Pneumatik & Hidraulik	2	30
2008/2009	1	SPE4612	Asas Pneumatik & Hidraulik	2	25
2008/2009	1	SPE4612	Asas Pneumatik & Hidraulik	2	26
2008/2009	1	SPE4612	Asas Pneumatik & Hidraulik	2	26
2008/2009	1	SPE4612	Asas Pneumatik & Hidraulik	2	29
2008/2009	1	SPE4612	Asas Pneumatik & Hidraulik	2	32
2008/2009	1	SPL4403	Rekacipta	3	30
2005/2006	1	SPH4402	Rekabentuk Berbantu Komputer	2	33
Total credits				203	

POSTGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2024/2025	1	MHPV1113	Philosophy and Future In TVET (ODL)	3	4
2024/2025	1	UHPP6013	Research Methodology and Data Analysis	3	17
2023/2024	2	MHPV1113	Philosophy and Future In TVET (ODL)	3	4
2023/2024	2	MHPU1014	Research Methodology and Data Analysis in Education	4	17
2023/2024	1	MHPU1014	Research Methodology and Data Analysis in Education	4	28
2022/2023	2	MHPU1014	Research Methodology and Data Analysis in Education	4	12
2022/2023	1	MHPU1014	Research Methodology and Data Analysis in Education	4	50
2022/2023	1	MHPV1113	Philosophy and Future In TVET	3	3
2021/2022	2	MHPU1014	Research Methodology and Data Analysis in Education	4	46
2021/2022	2	MHPV1113	Philosophy and Future In TVET	3	3
2021/2022	1	UHPP0010	Research Methodology and Data Analysis	4	50
2020/2021	2	UHPP0010	Research Methodology and Data Analysis	4	20
2020/2021	1	MPPV1103	Philosophy In TVE	3	9
2019/2020	1	MPPV1103	Philosophy In TVE	3	8
2018/2019	2	MPPV1303	Perspective and Future of TVE	3	3
2018/2019	1	MPPV1123	Program Evaluation in TVE	3	11
2017/2018	2	MPPV1303	Perspective and Future of TVE	3	6
2017/2018	2	MPU1074	Research Methodology and Data Analysis in Education	4	52

2017/2018	2	MPK2013	Perspective and Future Planning of TVE	3	3
2017/2018	1	MPPV1123	Program Evaluation in TVE	3	5
2017/2018	1	MPK3053	Program Evaluation in TVE	3	2
2016/2017	2	MPK2013	Perspektif dan Perancangan Masa Hadapan PTV	3	
2016/2017	2	MPPV1303	Perspektif dan Halatuju PTV	3	
2016/2017	1	MPPU1074	Kaedah Penyelidikan dan Analisis Data Dalam Penyelidikan	4	
2016/2017	1	MPPU1060	Kaedah Penyelidikan dan Analisis Data	0	
2015/2016	2	MPPV1303	Perspektif dan Halatuju PTV	3	
2015/2016	1	MPU0020	Kaedah Penyelidikan dalam Pendidikan	0	
2015/2016	1	PPU0020	Kaedah Penyelidikan dalam Pendidikan	0	
2015/2016	1	MPPU1060	Kaedah Penyelidikan dan Analisis Data	0	
2015/2016	1	MPK1014	Research Study 1	4	
2015/2016	1	MPK1024	Research Study II	4	
2015/2016	1	MPK2053	Isu Semasa Dalam PTV	3	
2015/2016	1	MPPU1074	Kaedah Penyelidikan dan Analisis Data Dalam Pendidikan	4	
2014/2015	2	MPU0020	Kaedah Penyelidikan dalam Pendidikan	0	
2014/2015	2	MPK3053	Penilaian Program PTV	3	
2014/2015	2	MPPV1123	Penilaian Program PTV	3	
2014/2015	2	MPK1014	Research Study 1	4	
2014/2015	2	MPK1024	Research Study II	4	
2014/2015	2	MPPU1074	Kaedah Penyelidikan dan Analisis Data Dalam Pendidikan	4	
2014/2015	1	MPU0020	Research Methods and Data Analysis	0	
2014/2015	1	MPK1033	Penyeliaan dalam PTV	3	
2014/2015	1	MPK1033	Penyeliaan dalam PTV	3	
2014/2015	1	MPPV1323	Penyeliaan dalam PTV	3	
2013/2014	2	MPK3043	Evaluation for Competency Based Learning	3	
2013/2014	2	MPK1033	Supervision in TVET	3	
2013/2014	2	MPK1033	Supervision in TVET	3	
2012/2013	2	MPK3043	Evaluation for Competency Based Learning	3	
2012/2013	1	PPP4013	Pengurusan Makmal Teknikal	3	
2012/2013	1	MPK2053	Isu Semasa dalam PTV	3	
2011/2012	2	MPK3043	Evaluation for Competency Based Learning	3	
2011/2012	1	MPK1053	Curriculum Design in VTE	3	

2010/2011	2	MPK3043	Evaluation for Competency Based Learning	3	
2010/2011	2	MPU	Kajian Pendidikan 2	3	
2010/2011	1	MPK2053	Isu Semasa dalam PTV	3	
2009/2010	2	LPT	Latihan Mengajar	10	
2009/2010	2	MPK3043	Evaluation for Competency Based Learning	3	
2009/2010	1	LPT1514	Kaedah Mengajar PTV	4	
2009/2010	1	MPK2053	Isu Semasa dalam PTV	3	
2009/2010	1	LPT1003	Lukisan Kejuruteraan	3	
Total credits				182	

SUPERVISION

Summary	
Main Supervisor – PhD (Graduated)	6
Co-Supervisor – PhD (Graduated)	2
Main Supervisor – PhD (Ongoing)	7
Co-Supervisor – PhD (Ongoing)	0
Main Supervisor- Master by Research (Graduated)	1
Main Supervisor- Master by Research (On-Going)	0
Main Supervisor- Master by Taught Course (Graduated)	21
Main Supervisor- Master by Taught Course (On-Going)	0
Main Supervisor- Master by Mixed-Mode (Graduated)	7
Main Supervisor- Master by Mixed-Mode (On-Going)	0

PhD Student

No.	Name	Status (Graduated/ On-Going)	Title	Roles of Supervision
1	Balqis binti Hussin	Ongoing	Pembangunan Model Kemahiran Kebolehpasaran Lestari Graduan Pendidikan Dan Latihan Teknikal Dan Vokasional (TVET) Politeknik Di Malaysia	Main supervisor
2	Muhammad Ridzuan bin Jamhari	Ongoing	Kerangka <i>Service Learning</i> Pelajar PISMP Reka Bentuk Dan Teknologi Di Institut Pendidikan Guru Malaysia	Main supervisor
3	Salwani binti Daud	Ongoing	Entrepreneurship Framework for Technical Skills Training Programs in Malaysia Skills Training Institutions	Main supervisor
4	Ahmed Jibril Wushishi	Ongoing	Framework of Problem Based Learning for Building Technology Programme in Nigeria Technical Teaching College	Main supervisor
5	Mustapha Mahmud Jebba	Ongoing	21st Century Employability Skills Framework For Automobile	Main supervisor

			Technology Education At Colleges Of Education In Nigeria	
6	Yahaya Ibn Salihu	Graduated	Framework of Problem-Project Based Learning in Building Technology Programme	Main supervisor
7	Abu Bakar Shuaibu Chiroma	Graduated	Conceptual Framework for Integrating Blended Learning in Automobile Technology Program at Tertiary Institutions in North Eastern Nigeria	Main supervisor
8	Nurazyah Zahidah binti Zakaria	On-going	Keberkesanan Penggunaan Pembelajaran Bersepadu Dalam Kejuruteraan Elektrik di Kolej Komuniti	Co-supervisor
9	Hazni binti Abdul Ghani	Not-Graduated	Kerangka Pengajaran Keupayaan Berfikir Kreatif Mereka Bentuk Produk Bagi Mata Pelajaran Reka Bentuk Dan Teknologi	Main Supervisor
10	Sarina binti Mail (Remote Student)	Not-Graduated	Kerangka Kompetensi Profesional Perakaunan Bagi Pelajar Kolej Vokasional	Main Supervisor
11	Dayana Farzehaa binti Ali	Graduated	The Effect of Virtual Environment Courseware on Student Visualization Skills	Main Supervisor
12	Muhammad Khair bin Nordin	Graduated	Project-based Learning Framework for Non-Technical Skills	Main Supervisor
13	Zazliza bin Hanapi	Graduated	Kesepadanan Latihan Terhadap Pekerjaan Dalam Kalangan Graduan Kejuruteraan Elektrik di Kolej Komuniti	Main Supervisor
14	Ahmed Hadi Hatif Shubber	(Graduated) Transfer to other Supervisor	Design and development of New Teaching Aids for Mechanical Engineering Program	Main Supervisor
15	Isma'ila Yelwaji Shehu	Graduated	Student' pshycosocial perception of automobile technology learning environment in tertiary institutions of Nigeria	Co-advisor (Attchment from Abu Bakar Tafawa Balewa University, Nigeria)

MSc. Student

No.	Name	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
1	Ahmad Nabil bin Md Nasir	Graduated	Gap Studies on Non-Technical Skills Between Skills Worker Acquisition and Employer Requirement	Research	Main supervisor

2	Kamarudin b. Md. Tahir	Graduated	Level of Generic Skills Among Community College Student in Malaysia	Mixed Mode	Main supervisor
3	Yasmeen binti Hussin	Graduated	Amalan Pembelajaran Koperatif Dalam Kalangan Pelajar Program Sarjana Muda Teknologi Serta Pendidikan di Fakulti Pendidikan	Mixed Mode	Main supervisor
4	Norfairizam bin Nordin	Graduated	Hubungan antara Gaya Pembelajaran dan Pencapaian Akademik dalam Mata Pelajaran Kemahiran Hidup Bersepadu	Mixed Mode	Main supervisor
5	Nurulhuda binti Mohd Sukri	Graduated	Tahap Kesiediaan Guru Terhadap Pelaksanaan Pembelajaran Berasaskan Kompetensi di Kolej Vokasional	Mixed Mode	Main supervisor
6	Kamal Bahrain bin Mamat @ Mohammad	Graduated	Hubungan Tahap Pengetahuan Guru Teknologi Pembinaan Dalam Pengurusan Bengkel di Kolej Vokasional Dengan Profil Guru	Mixed Mode	Main supervisor
7	Ismail bin Saiman	Graduated	Factors that influence academic achievement of Living Skills Students at Secondary School of Pontian District	Taught-course	Main supervisor
8	Nik Hetty Eliya bt Nik Ab Rahman	Graduated	Tahap Kemahiran Visualisasi dan Gaya Pembelajaran Pelajar-pelajar Bidang Kejuruteraan UTM Skudai	Taught-course	Main supervisor
9	Nur Hidayah binti Ismail	Graduated	Kesiediaan Guru Terhadap Pelaksanaan Pentaksiran Berasaskan Sekolah dalam mata pelajaran Kemahiran Hidup	Mixed Mode	Main supervisor

10	Norjana binti Kormin	Graduated	Kreativiti Dan Pencapaian Akademik dalam Mata Pelajaran kemahiran Hidup Sekolah Rendah	Taught-course	Main supervisor
11	Eliaa binti Mohtar	Graduated	Gaya Pembelajaran Murid Tahun 5 Sekolah Berprestasi Tinggi di Kuala Lumpur dalam Matapelajaran Kemahiran Hidup	Taught-course	Main supervisor
12	Nor Asmalena binti Mahmud	Graduated	Kesesuaian Kerjaya Dengan Bidang Pengajian Institut Kemahiran Belia Negara	Taught-course	Main supervisor
13	Siti Muhariah binti Untong	Graduated	Persepsi Pelajar Kursus Penyediaan Makanan Terhadap Fasiliti Ruang Pembelajaran di Institut Kemahiran Belia Negara	Taught-course	Main supervisor
14	Shahrul Naimah binti Zulkifli	Graduated	Persepsi Pelajar Jabatan Hospitaliti Terhadap Pelaksanaan Latihan Industri	Taught-course	Main supervisor
15	Nor Asmalena binti Mahmud	Graduated	Kesepadanan Antara Latihan Kemahiran dan Pekerjaan: Dari Perspektif Graduan Institut Kemahiran Belia Negara	Taught-course	Main supervisor
16	Syafiq bin Che Hassan	Graduated	Persepsi Ibu Bapa Terhadap Kolej Vokasional	Taught-course	Main supervisor
17	Salwani bte Daud	Graduated	Pengaruh Pensyarah Terhadap Pencapaian Pelajar Program Kolej Vokasional Institut Latihan Perindustrian Ledang	Taught-course	Main supervisor
18	Kanniga a/p Nageswaran	Graduated	Pembangunan Modul Kemahiran Berfikir Perdagangan Tingkatan Empat	Taught-course	Main supervisor
19	Siti Amira binti Che Azib	Graduated	Penyeliaan Pengajaran Guru Di Sekolah Menengah Teknik Kluster Cemerlang	Taught-course	Main supervisor
20	Wan Nurmira binti Wan Roslan	Graduated	Ketidaksepadaan Pekerjaan Dalam Kalangan Graduan Kejuruteraan	Taught-course	Main supervisor

21	Siti Hajar binti Zainal Abidin @ Atan	Graduated	Keperluan Inventori Kepintaran Vokasional Untuk Pelajar Kolej Vokasional	Taught-course	Main supervisor
22	Rushazila binti Haji Amir Nordin	Graduated	Hubungan Ponteng Dan Prestasi Kemahiran Teknikal Pelajar Institut Latihan Perindustrian Ledang	Taught-course	Main supervisor
23	Masitah binti Salikan @ Salikon	Graduated	Kesedaran Kerjaya Pelajar Tingkatan 5 Di Sekolah Menengah Kebangsaan Tun Sulaiman Ninam Shah Muar	Taught-course	Main supervisor
24	Md Zuhairi bin Md Saiaan	Graduated	Persepsi Guru Terhadap Pelaksanaan Matapelajaran Rekabentuk dan Teknologi	Taught-course	Main supervisor
25	Nik Sulaiman bin Baharudin	Graduated	Attitude and Interest of UniKL MIAT Students to Become A Licenced Aircraft Maintenance Engineer	Taught-course	Main supervisor
26	Mohd Jalal Bin Amran	Graduated	Aviation Industry Perception On Unikl- Miat Graduates Employability Skills	Taught-course	Main supervisor
27	Salina binti Mohd Thani	Graduated	The Relationship Between Vocational Choice and Aircraft Maintenance Students Perfomance	Taught-course	Main supervisor
28	Nur Baiti binti Mohd Halil	Graduated	Factors That Influence The Work Performance of Lecturers at UniKL MIAT	Taught-course	Main supervisor
29	Nur Azura binti Said	Graduated	Eco-Innovation Behavior among Employees in the Manufacturing Industry in the State of Johor	Mixed Mode	Main supervisor

UTM POSTGRADUATE EXAMINATION/ VIVA

Summary	
MSc. Internal Examiner	19

PhD Internal examiner	4
Others Examiner	3

Msc Internal Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1	Internal Examiner	Nor Mohamad bin Zulkifli	Proses Pembangunan Latihan Dalam Industri Automotif Di Malaysia	2022
2	Chairman	Ezzatinadiyah binti Julkifleh	Modul Interaktif Kursus Pembinaan II Berasaskan Persekitaran Teknologi Augmented Reality	2022
3	Chairman	Nur Fatin Binti Mohammad	Kepuasan Kerja Dalam Kalangan Pensyarah Kolej Vokasional Di Daerah Johor Bahru	2022
4	Internal Examiner	Adline Edwina Joseph	Cosmetology Skills Being Offered in Vocational Colleges of Malaysia compare to Skills Needed by Industry	2021
5	Chairman	Siti Raudah binti Ramya@Abd Rahim	Pengajian Kemahiran Bukan Teknikal Graduan Kolej Vokasional	2020
6	Internal Examiner	Fauzi bin Toed	Penerapan Kemahiran Insaniah Dalam Modul Vokasional Program Diploma Vokasional Teknologi Pembinaan di Kolej Vokasional Negeri Johor	2018
7	Internal Examiner	Jumrang bin Mendeng	Penerimaan dan Pengintegrasian Teknologi Kalangan Guru	2016
8	Internal Examiner	Zuriana binti Zulkifly	Amalan Penyeliaan Pengajaran Pentadbir Terhadap Guru di Sekolah Menengah Teknik Kluster di Malaysia	2016
9	Internal Examiner	Suzailye binti Johari	Pelaksanaan Program Traineeship di Kalangan Pelajar Aliran Kemahiran Pembuat Perabot Di Sekolah Menengah Vokasional Zon Johor	2013
10	Internal Examiner	Sharul Hadfizrullah bin Sharjudeen	Student's Performance and Confidence In Learning Energy And First Law Of Thermodynamics Using A Visualization Courseware	2013
11	Internal Examiner	Mohd Azwan bin Yasim	Instrumen Mengukur Pengurusan Risiko Keselamatan dan Kesihatan Semasa Kerja-kerja Pendawaian Elektrik di Pemasangan Awam	2013
12	Internal Examiner	Ahmad Fairus bin Mohd Zain	Hubungan Kecenderungan Penggunaan Rekabentuk Berbantu Komputer Terhadap Kreativiti Dalam Merekabentuk	2013
13	Internal Examiner	Norsuhada binti Mahmod	Kepimpinan Autentik Dalam Pendidikan Teknik dan Vokasional Di Kalangan Guru-guru Sekolah Menengah Teknik dan Vokasional Negeri Johor	2013
14	Internal Examiner	Mohd Zulfadly bin Othman	Pembangunan Instrumen Penilaian Berteraskan Nilai Bagi Program Sarjana Muda Pendidikan Teknik dan Vokasional di UTM	2012

15	Internal Examiner	Irwan bin Rosleh	Tahap Penerapan Kemahiran Generik dalam Pembelajaran Kemahiran Hidup di Sekolah Daerah Kangkar Pulai	2012
16	Internal Examiner	Muhamad Afzamiman bin Aripin	Pembangunan Modul Integrasi Holistik dalam Latihan Perguruan: Kajian Penambahbaikan Pendidikan Teknik & Vokasional di Fakulti Pendidikan UTM	2011
17	Internal Examiner	Siti Normala binti Jamari	Tahap Pengetahuan Usahawan Generasi Baru Felda dalam Melaksanakan Kemahiran Usahawan di Tanah Rancangan Felda Ulu Tebrau, Johor Darul Takzim	2011
18	Internal Examiner	Nadhirah bt. Ridzuan	Amalan Penggunaan ICT Dikalangan Pelajar Politeknik Tahun Akhir Kursus	2011
19	Internal Examiner	Farah Hanan binti Azimi	Pengintergrasian Pembangunan Spiritual Melayu Pendidikan yang Berasaskan Teknikal dan Kejuruteraan	2011
20	Internal Examiner	Rojieha bte Zakaria	Ciri- ciri kepimpinan pengetua yang dikehendaki oleh guru-guru	2010
21	Internal Examiner	Ehab Fadal Ali Aboodi	Perception of the Industries Toward the Computer and Electronics Engineering Technology Program in Aden Community College in Yemen	2010
22	Internal Examiner	Norisham bin A. Rahim	Persepsi Tenaga Pengajar Dan Majikan Industri Terhadap Hubungan Kerjasama Antara Institut Latihan Vokasional Dan Industri Di Malaysia	2010

PhD Internal examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1	Internal Examiner	Maziahaman bin Abdul Malek	Competency Profile Oil And Gas For Mechanical Instructor In Technical And Vocational Education Training (TVET)	2023
2	Internal Examiner	Dai Jiali	Information Literacy Framework For Technical And Vocational Education Students In China	2023
3	Chairman	Nurul Ain Binti Saipudin	(PhD Proposal)	2021
4	Internal Examiner	Nurul Amalin Binti Mohamad Razali	Conceptual Framework Of Teaching Practices In Vocational Education For ASD Students Based On Generic Skills	2020
5	Internal Examiner	Ahmed Hadi Hatif Shubber	The Effect of Simulation on	2016

			Metacognitive Skills of Technical Institutes Students	
6	Internal Examiner	Dahiru Sale Mohd	Conceptual Employability Skills, Intergration Model in Electrical Technology Education Curriculum, Federal Universities of Technology Nigeria	2014
7	Internal Examiner	Mohamad Abdillah Royo	Entrepreneurial Learning Approaches Framework in The Automotive Service Industry	2014
8	Internal Examiner	Azlan bin Abdul Latib	Employment core abilities skills among trainees with physical disabilities in special vocational institutions	2010

EXTERNAL EXAMINATION/ VIVA

Summary	
MSc. External Examiner	4
PhD External examiner	1
Others Examiner	0

Msc External Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1	External Examiner	Shazana binti Mustapa (FTIR, UTM)	Mobile Learning Integrated with Synthetic Training Device for Aircraft Maintenance Training in Politeknik Malaysia	2023
2	External Examiner	Mimi Syazliyana binti Roslan (UPSI)	Kemahiran Kebolehpasaran Graduan Sijil Kemahiran Malaysia (SKM) Bidang Elektronik Industri Pusat Bertauliah (PB)	2022

			Swasta di Pulau Pinang	
3	External Examiner	Shazana binti Mustapa (FTIR, UTM)	Instructional Design Strategy for Non-Destructive Testing Course of Diploma in Aircraft Maintenance Engineering	2022
4	External Examiner	Nurul Najwa Binti Yusoff (UPSI)	Pembangunan Dan Kebolegunaan Modul Pembangunan Produk Bagi Mata Pelajaran Reka Bentuk Dan Teknologi Tingkatan 3	2022

PhD External examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1	External Examiner	Rosidi Fahlid bin Mohd Isa	Faktor-faktor yang Mempengaruhi Amalan, Pelaksanaan, Pematuhan dan Budaya Keselamatan dan Kesihatan Pekerjaan di Institut Pendidikan Teknikal dan Vokasional Malaysia	2021

PUBLICATIONS

Summary	
ISI Article/Journal	12
Scopus Article/Journal	13
Non-Indexed Article/Journal	19
Indexed Conference Proceedings	8
Non- Indexed Conference Proceedings	1
Book Chapters	5
Original Book	1
Classified/Technical /Expert Report	0
Policy Paper	0

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol.	Issues	Page	Publication year	IF	Type of	Category of Publication	Quartile Ranking
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									Public ation		
1	Integration Of Green Energy Technologies Into Automobile Technology Education Curriculum In Tertiary Institutions In Nigeria: Challenges And Prospects	Migration Letters	1741-8984 (Print) 1741-8992 (Online)	21	S5	412-419	2024	0.468	ISI-ERA	Article	
2	Skills Gap Assessment among Technical and Vocational Education and Training Educators (TVET) on Adopting Digital Technologies in Teaching at Technical Colleges	International Journal Of Academic Research In Progressive Education And Development	2226-6348	13	3	1489-1502	2024		ISI-ERA	Article	
3	Employability Skill Development of Automobile Technology Students in a Work-Integrated Learning Environment: Barriers and Best Practices	International Journal Of Academic Research In Progressive Education And Development	2226-6348	13	3	1169-1179	2024		ISI-ERA	Article	
4	Exploring the Impact of Perceived Discrimination and Segregations on Career Choice among Building Technology Students in	International Journal Of Academic Research In Progressive Education	2226-6348	13	3	2178-2189	2024		ISI-ERA	Article	

	Developing Countries	And Development									
5	Factors Influencing the Adoption of Problem-Based Learning for Building Technology Education in Developing Countries	International Journal Of Academic Research In Business And Social Sciences	2222-6990	14	7	2019 - 2027	2024		ISI-ERA	Article	
6	Economic determinants of national carbon emissions: perspective from 119 countries	Economic Research - Ekonomika Istrazivanja	1331-677X	36	1	1099-119	2023	3.08	ISI Article - WOS	Article	Q2
7	Entrepreneurship in Technical and Vocational Education and Training: A Bibliometric Review	International Journal of Academic Research in Business & Social Sciences	2222-6990	13	3	742-766	2023		ISI Article-ERA	Article	
8	Kesediaan Pelajar Tahun Akhir Program Sarjana Muda Teknologi serta Pendidikan (Kemahiran Hidup) Terhadap Pengajaran Amali Mata Pelajaran Reka Bentuk dan Teknologi	Technical and Vocational Journal	1985-6652	11	4	24-33	2022		Non-Indexed Article	Article	
9	The Impact of 3-Dimensional Solid Modeling on Improving the Visualization Skills of Engineering Drawing Students	Technical and Vocational Journal	1985-6652	11	14	112-122	2022		Non-Indexed Article	Article	

10	Role of Information and Communication Technologies on the War against Terrorism and on the Development of Tourism: Evidence from Panel of 28 Countries	Technology in Society	0160-791X	62	C	1-12	2020	1.67	ISI Article - WOS	Article	Q2
11	Conceptual Model Of Technical Sustainability For Integration Into Electrical/Electronic Engineering Programmes In Nigerian Polytechnics	IEEE Access	2169-3536	8		128519-128535	2020	4.098	ISI-WOS	Article	Q1
12	Project-Based Learning Conceptual Framework For Integrating Soft Skills Among Students Of Technical Colleges	IEEE Access	2169-3536	8	1	83719-83727	2020	4.098	ISI-WOS	Article	Q1
13	Benefits of Service Learning based on the Three Pillars of Sustainability (Social)	Journal of Advance Research in Dynamical & Control Systems	1943023X	12	4	551-558	2020		Scopus	Article	
14	Socioeconomic Determinants Of Student' Academic Achievement In Building Technology	TVET TOWARDS INDUSTRIAL REVOLUTION 4.0	978-0-429-28150			87-96	2020		ISI-WOS	Proceeding Paper	
15	Assimilating Green Skills in Building Construction Programme: Crucial to Realizing Environmental Sustainability	IEEE Access	2169-3536	7		125214-125224	2019	4.098	ISI-WOS	Article	Q1
16	Environmental Sustainability Competency	IEEE Access	2169-3536	7		125991-	2019	4.098	ISI-WOS	Article	Q1

	Framework for Polytechnics Engineering Programmes					126004					
17	Generic Green Skills in Teaching and Learning: Meaning and Implementation	Universal Journal of Educational Research	23323205	7	12°	121-126	2019		Scopus	Article	
18	Internet Skills for Expediting Students' Learning.	International Journal of Recent Technology and Engineering	22773878	8	3	1893-1897	2019		Scopus	Article	
19	Paving Sustainable Development Through Generic Green Skills Based on Desk Research	International Journal of Recent Technology and Engineering	22773878	8	2S9	1181-1186	2019		Scopus	Article	
20	Effects of Problem and Project-Based Learning Methods on Students Performance in Building Technology	International Journal of Engineering and Advanced Technology	22498958	8	6S3	918-923	2019		Scopus	Article	
21	Developing Soft Skills through Project-Based Learning in Technical and Vocational Institutions	International Journal of Recent Technology and Engineering	22773878	8	3	5872-5877	2019		Scopus	Article	
22	Measurement Model of Leadership Elements for Integration of Blended Learning into Technology Education Programme	International Journal of Engineering and Advanced Technology	22498958	8	5	1298-1301	2019		Scopus	Article	

23	Interconnections Between Essential Elements and Fundamental Components of Blended Learning for Integration in Automobile Technology	International Journal of Recent Technology and Engineering	22773-878	8	1C2	99-104	2019		Scopus	Article	
24	Online Technology Affordance And Its Social Implication On Technology Education Program	International Journal of Recent Technology and Engineering	22773-878	7	6	785-793	2019		Scopus	Article	
25	Socio Economic Determinants Of Students Academic Achievement In Building Technology In North Central Nigeria	Jurnal Pendidikan Teknologi Dan Kejuruan	0854-4735	25	1	10-20	2019		Non-Indexed Article	Article	
26	Project-based learning (PjBL) framework in developing non-technical skills for engineering students	Advanced Science Letters	1936-6612	24	6	4515-4518	2018	1.25	ISI-WOS	Article	Q2
27	Exploring Factors Influencing The Need For Incorporating Blended Learning In Technology Education Programs In Nigeria	International Journal Of Scientific Engineering And Research	2347-3878	6	11	112-118	2018		Non-Indexed Article	Article	
28	Framework for project-based learning (PJBL) in providing real world experience for electrical engineering students	Man in India	00251-569	97	13	205-215	2017		Scopus	Article	
29	Differences between the non-technical skills for skilled workers towards	Man in India	00251-569	96	1	649-655	2016		Scopus	Article	

	highest educational level in the electronics industry in Klang Valley, Malaysia										
30	Pembangunan Dan Penilaian Kualiti Modul Kemahiran Berfikir Perdagangan (MKBP)	Jurnal Pendidikan Teknik Dan Vokasional Malaysia	1985-6652	5	2	21-36	2016		Non-Indexed Article	Article	
31	Pengaruh Pensyarah Terhadap Pencapaian Pelajar Program Kolej Vokasional Institut Latihan Perindustrian Ledang dari Perspektif Pelajar	Jurnal Persatuan Pendidikan Teknik dan Vokasional Malaysia	1985-6652	6	5	61-74	2016		Non-Indexed Article	Article	
32	Keperluan Inventori Kepintaran Vokasional untuk Pelajar Kolej Vokasional	Jurnal Persatuan Pendidikan Teknik dan Vokasional Malaysia	1985-6652	6		1-14	2016		Non-Indexed Article	Article	
33	Students' Psychosocial Perception of Automobile Technology Learning Environment and Attitudinal Outcomes in North-eastern Nigeria Tertiary Institutions	Procedia-Social and Behavioral Sciences	1877-0428	204		136-142	2015		ISI-WOS	Proceedings Paper	
34	Challenges Faced by Engineering Lecturers in Integrating Technical and Employability Skills in the Curriculum: A Case Study in Community College, Malaysia	International Journal of Social Science and Humanity	2010-3646	5	5	483-486	2015		Non-Indexed Article	Article	

35	Unemployment among Malaysia graduates: Graduates attributes, lecturers competency and quality of education	Procedia Social and Behavioral Sciences	1877-0428	112		1056 - 1063	2014		ISI-WOS	Proceedings Paper	
36	Women And Employment Perception In Malaysia	Jurnal Persatuan Pendidikan Teknik dan Vokasional Malaysia	1985-6652	2		1-6	2014		Non-Indexed Article	Article	
37	Unemployment Problem Among Graduates Of Technical Field: Competencies Of Graduates And Quality Of The Education	Sains Humanika	2289-6996	2	2	53-57	2014		Non-Indexed Article	Article	
38	Gap of Proficiency for skilled workers and employer needs towards Non-technical Skills for electronic sectors in Klang Valley, Malaysia	Procedia - Social and Behavioral Sciences	1877-0428	93	267	1473 - 1477	2013		ISI-WOS	Proceedings Paper	
39	Visualization Skills and Learning Style Patterns Among Engineering Students at Universiti Teknologi Malaysia	Procedia - Social and Behavioral Sciences	1877-0428	93	315	1473 - 1477	2013		ISI-WOS	Proceedings Paper	
40	Cooperative problem based learning (CPBL) model: A technical review	Advanced Science Letters	19367-317	19	12	3637 - 3638	2013		Scopus	Article	
41	Virtual environment courseware in engineering drawing to enhance students' visualization skills	Research in Engineering Education Symposium	978-16299-3136-4			208-215	2013		Scopus	Conference Paper	

42	Sample the effects of computer assisted instruction on automobile technology students' academic performance and attitude in tertiary institutions of Nigeria	2012 4th International Congress On Engineering Education (ICEED 2012): Improving Engineering Education : Towards Sustainable Development					2012		ISI-WOS	Proceedings Paper	
43	Visualization Skills among Universiti Teknologi Malaysia Student	International Journal of Information and Education Technology	ISSN 2010-368	2	4	374-376	2012		Non-Indexed Article	Article	
44	Development and Validation of Automobile Technology Learning Environment Inventory in Tertiary Institutions of Nigeria	International Journal of Mathematics, Engineering and Technology	2244-1603	2		15-37	2012		Non-Indexed Article	Article	
45	Pelajar Berkeperluan Khas dan Bermasalah Pembelajaran Dari Sekolah-ke-Kerjaya	Journal of Social Science	2231-7341	5		1-6	2012		Non-Indexed Article	Article	
46	Curriculum in TVET: Catalyst Towards Nation's Success	Journal of Technical, Vocational & Engineering Education	2231-7376	5		20-27	2012		Non-Indexed Article	Article	

47	Integrasi Teknologi Hijau dalam Kurikulum Pendidikan Teknik dan Vokasional	Journal of Technical, Vocational & Engineering Education	2231-7376	5		11-19	2012		Non-Indexed Article	Article	
48	Penerapan Nilai Minjaroos dan Formula 3H" dalam Kurikulum PTV	Journal of Technical, Vocational & Engineering Education	2231-7376	5		41-55	2012		Non-Indexed Article	Article	
49	Does Parent Educational Status Matter on the Students" Achievement in Science	SOCIAL SCIENCE AND HUMANITY, PT TWO	2010-4626	5		306+	2011		ISI-WOS	Proceedings Paper	
50	The Influence of Age and Gender on the Students Achievement in Mathematics	SOCIAL SCIENCE AND HUMANITY, PT TWO	2010-4626	5		304+	2011		ISI-WOS	Proceedings Paper	
51	Gender Issues In Virtual Reality Learning Environments	Journal of Edupres		1		65-67	2011		Non-Indexed Article	Article	
52	ICT Application In Vocational And Technical Education And Training (VTET) Institutions In Malaysia	Seavern Journals		2	1		2010		Non-Indexed Article	Article	
53	Kaedah Pengajaran Pemodelan Bongkah 3-Dimensi bagi Meningkatkan Kemahiran Visualisasi	Jurnal Pendidikan	1394-1801	13	8	92-106	2008		Non-Indexed Article	Article	

NO.	TYPE	TITLE	YEAR	AUTHOR
	a. INDEXED PROCEEDINGS/CONFERENCE b. NON-INDEXED PROCEEDINGS/CONFERENCE			

	<p>c. SEMINARS/WORKSHOPS</p> <p>d. THESIS</p> <p>e. ORIGINAL BOOK</p> <p>f. EDITED BOOK</p> <p>g. BOOK CHAPTER</p> <p>h. CLASSIFIED/TECHNICAL/</p> <p>i. EXPERT REPORT</p> <p>j. POLICY PAPER</p>			
1	<p>Seminar/Workshops</p> <p>Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam 2024 <i>Inovasi Dalam Pendidikan Ke Arah Matlamat Pembangunan Lestari (SDG)</i></p>	Mengintegrasikan Kecerdasan Buatan Dalam Latihan Guru Pendidikan Teknikal Dan Vokasional	2024	Mohd Safarin Nordin and Mohd Zolkifli Abdul Hamid
2	<p>Seminar/Workshops</p> <p>Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam 2024 <i>Inovasi Dalam Pendidikan Ke Arah Matlamat Pembangunan Lestari (SDG)</i></p>	Kemahiran Pembelajaran Abad Ke 21 Dalam Kalangan Pelajar Program Kejuruteraan Politeknik Malaysia	2024	Aede Hatib Must'a'amal, Roslaili Anuar, Nor Aisyah Che Derasid, Zuraidah Maaruf, Nornazira Suhairom, Mohd Safarin Nordin
3	<p>Book Chapter:</p> <p>New Media Communication Skills for Engineers and IT Professionals: Trans-National and Trans-Cultural Demands.</p>	Visualization skills in engineering education: Issues, developments, and enhancement	2012	Ali, D.F., Patil, A., Nordin, M.S.
4	<p>Book Chapter:</p> <p>Pengajaran dan Pembelajaran Dalam Pendidikan Teknik dan Vokasional. Penerbit UTM</p>	Kemahiran visualisasi dan kepentingannya dalam pendidikan teknik dan vokasional	2007	Mohd Safarin Nordin and Muhammad Sukri Saud
5	<p>Book Chapter:</p> <p>Pengajaran dan Pembelajaran Dalam Pendidikan Teknik dan Vokasional. Penerbit UTM</p>	Stail pembelajaran pelajar pendidikan teknik dan vokasional Fakulti Pendidikan yang cemerlang dalam pelajaran mengikut Model KOLB	2007	Mohd Safarin Nordin , Kamalularifin Subari, and Mohd Nazari Mohd
6	<p>Book Chapter:</p> <p>ICT Dalam Pendidikan Teknik dan Vokasional. Penerbit UTM</p>	Tahap Kemahiran Generik Pelajar Kolej Komuniti dari Aspek Komunikasi dan ICT	2008	Mohd Safarin Nordin , Mohd Zolkifli Abd Hamid, and Kamaruddin Md Tahir
7	<p>Book Chapter:</p> <p>ICT Dalam Pendidikan Teknik dan Vokasional. Penerbit UTM</p>	Aplikasi Pemodelan Bongkah 3-Dimensi Dalam Pengajaran Untuk Meningkatkan Kemahiran Visualisasi Pelajar-pelajar Sekolah Menengah Teknik	2008	Mohd Safarin Nordin , Muhammad Sukri Saud, and

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

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1	Guest Speaker	TVET digital Revolution: Innovative Teaching and Learning for Industry Changes due to Industry 4.0 Webinar	23 February 2022	Department of Polytechnic and Community College Education, Ministry of Higher Education

PROFESSIONAL SERVICES

Consultation and Training

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION	TOTAL INCOME GENERATED (RM)
1.	Speaker	Program Pemerkasaan Asnaf Bagi Tahun 2016	1 March 2016 – 30 November 2016	Unit Pembangunan Asnaf Majlis Agama Islam Negeri Johor	134,100.
2	Fasilitator	Kursus Electronic Product Development SKM Tahap 4 Modul B05-04-02 (PLC Programming Advanced) K2 Bagi Pensyarah-pensyarah Kolej Vokasional, KPM	8 June 2014 – 13 June 2014	UTM Skudai	35,000
3	Fasilitator	Kursus Peningkatan Ilmu Bidang Robotik, Mekatronik dan Pneumatik bagi Pensyarah-pensyarah Kolej Komuniti, KPM	14 October 2013 – 18 October 2013	UTM Skudai	28,000.
4	Speaker	AutoCAD Tahap 1 (In-House: TUDM)	10 June 2013 – 20 June 2013	TUDM Subang	11,200

Entrepreneurship

NO	SPIN OFF COMPANY (UTM)	TOTAL INCOME GENERATED (RM) (individual equity value based on audited company account in 3 years)

NO	1.HICOE management/agency 2. Board of Director or 3. Management for Corporation EntitE	Average acquisition in 3 years.

Community Project

NO	ROLE	NAME OF PROJECT	DATE	TOTAL VALUE OF PROJECT (RM)

Community and University Services

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
1	Fasilitator	Program Pemantapan Kemahiran Bagi Kursus Pneumatik dan Hidraulik	3 October 2022- 10 October 2022	School of Education	Makmal Pneumatik dan Hidraulik Bangunan N30, UTM

Endowment and Wakaf to University

NO	NAME OF ENDOWMENT AND WAKAF	TOTAL CONTRIBUTION (RM)

Commercialisation

NO	ROLE	NAME OF PRODUCT COMMERCIALISATION	DATE	TOTAL INCOME GENERATED (RM)

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Grant based on innovation and University Commercialisation Product

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO

Patent Granted and Filing

NO	NAME OF PATENT	STATUS OF PATENT
1	Electrical Food Processor Using Grinding Stones - IP/PT/2008/0784	Patent Granted

Copyright

NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT
1	Rubrik Penilaian Laporan Projek Sarjana Muda 2 (SPPU4904) - IP/CR/02130	Copyright (Inventory)
2	Rubrik Penilaian Pembentangan Laporan Projek Sarjana Muda 2 - IP/CR/02132	Copyright (Inventory)
3	AutoCAD 2D- Modul Pengajaran Kolej Vokasional – IP/CR/2019/0243	Copyright
4	Video Micro-Credential 'Mudahnya Autocad 2d Bersama Dr.A Siri 1' - IP/CR/02524	Copyright
5	Video Micro-Credential 'Mudahnya AutoCAD 2D bersama Dr A Siri 2' – IP/CR/02591	Copyright
6	Video Micro-Credential 'Mudahnya Autocad 2d Bersama Dr.A Siri 3' - IP/CR/02592	Copyright
7	E-Cad : Self - Directed Module - IP/CP/2009/1910	Copyright
8	Soalselidik Persepsi Guru Terhadap Perlaksanaan Matapelajaran Reka Bentuk Dan Teknologi- IP/CR/2019/0275	Copyright
9	The Understanding Towards The Concepts Of Innovation (UKI) Among Students- IP/CP/2013/3531	Copyright
10	Pemahaman Kongsep Inovasi (UKI) Di Kalangan Pelajar- IP/CP/2013/3530	Copyright

11	Basic Of Electrical And Electronic- Safety At Work Place - IP/CP/2010/2466	Copyright	
12	Basic Of Electrical And Electronic- Current And Units- IP/CP/2010/2459	Copyright	
13	Autocad Net: Learning Through IPBL- IP/CP/2009/1909	Copyright	
14	The Application Of "Concurrent Approach-Three Dimensional Solid Modeling (CA-3DSM)" In Engineering Drawing Instruction- IP/CP/2009/1907	Copyright	
15	Instrument for measuring 21st Century Skills in the relation of the implementation of Design Thinking Among Polytechnic Students.- IP/CR/06886	Copyright	
16	UTM International SIT-IN Teaching And Learning Peer Coaching Module - IP/CR/2019/0479	Copyright	