



# CURRICULUM VITAE



## PERSONAL DETAILS

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H-Index (WOS) : 7  
H-Index (Scopus) : 8  
H-Index (Google Scholar) : 21  
H-Index (Research Gate) : 12

## ACADEMIC QUALIFICATIONS

No	Level Of Education	Course	University	Starting Date	Ending Date
1	Doctor of Philosophy	Educational Technology	Universiti Teknologi Malaysia (UTM)	2001	2004
2	Master of Education	Educational Media and Computers	Arizona State University (ASU)	1997	1998
3	Bachelor of Science	Computer with Education (Chemistry) (Hons)	Universiti Teknologi Malaysia (UTM)	1990	1995

## AWARDS AND HONORS RECEIVED

Summary	
International Awards/Honors	17
National Awards/Honors	15
UTM Awards/Honors	32
Faculty Awards/Honors	14

No	Award	Level (Faculty/UTM/National /International)	Year
1.	Anugerah Perkhidmatan Cemerlang, 2003	University	2004
2.	2005 UICEE Diamond Award (First Place) for a distinguished contribution in delivering an outstanding paper to the 4th Asia-Pacific Forum on Engineering and Technology Education, Bangkok Thailand	International	2005
3.	Travel Award for Contribution of Outstanding Research Paper, 6 <sup>th</sup> Asia Pacific Conference on Problem-based Learning, Tokyo	International	2006
4.	Certificate of Appreciation for "The Most Active Subject in The Use of e-Learning@UTM Award" for 2005/2006 Academic Session	University	2006
5.	Bronze Medal of Personalized Learning Courseware Through Digital Learning Object Concept For Learning Multimedia And Computer Networking (DLOC), Industrial Art and Technology Exhibition (INATEX)	National	2007
6.	Bronze Medal of Digital Learning Object Courseware, National Research Innovation Competition 2007	National	2007
7.	Special Award, "Anugerah Khas Penglibatan dalam Pertandingan Penyelidikan 2007 (Special Award for Engagement in Research, 2007)	Faculty	2007
8.	Silver Medal of Personalized Learning Courseware Through Digital Learning Object Concept For Learning Multimedia And Computer Networking (DLOC), 36 <sup>th</sup> International Exhibition of Inventions of New Techniques and Products Geneva, 2008	International	2008
9.	Best Award, Personalized Learning Courseware Through Digital Learning Object Concept For Learning Multimedia And Computer Networking (DLOC), Malaysian Technology Expo (MTE)	National	2008
10.	Gold Medal of Personalized Learning Courseware Through Digital Learning Object Concept For Learning Multimedia And Computer Networking (DLOC), Malaysian Technology Expo (MTE)	National	2008
11.	Bronze Medal for the invention of M-Addict : Dynamic Mathematics e-Dictionary, Malaysian Technology Expo (MTE)	National	2010
12.	Anugerah Perkhidmatan Cemerlang Tahun 2011 (Excellent Service Award 2011), Universiti Teknologi Malaysia, Skudai	University	2012
13.	Bronze Medal of "Learning 2D - Animation Apps", Industrial Art and Technology Exhibition (INATEX)	National	2012
14.	Gold Medal of "Learning 2D - Animation Apps", 24 <sup>th</sup> International Invention, Innovation & Technology Exhibition ITEX	International	2013
15.	Certificate of Appreciation for "The Most Active Lecturer in The Use of e-Learning@UTM Awards - Postgraduate" for 2012/2013, 1 <sup>st</sup> Semester Academic Session, 2013	University	2013
16.	Gold Awards. "Learning 2D - Animation Apps", National University Carnival on e-Learning 2014 (NUCeL), 2014	National	2014
17.	Gold Medal. Innovative Practices in Higher Education Expo 2014 (I-PHEX)	National	2014
18.	Certificate of Appreciation for "The Most Active Lecturer in The Use of Blended Learning@UTM Awards" for 2014/2015, 2 <sup>nd</sup> Semester Academic Session, 2015	University	2015
19.	Gold Award. EduSign : Educational Sign Language Video for Deaf Students in Learning Nuclear Energy. Innovative Practices in Education and Industry Exhibition (I-PEINX)	National	2016

20.	Bronze Award. Portal Pembelajaran Makhraj Berasaskan Penggunaan Multimedia dalam Persekitaran Konstruktivisme Master Berbandukan Agen Pedagogi Beranimasi. Innovative Practices in Education and Industry Exhibition (I-PEINX)	National	2016
21.	Shortlisted. For the Invention, Innovation & Design on e-Learning (IIDEL) of Chemistry Authentic Learning : Problem Solving in Electrolysis. International University Carnival on e-Learning (IUCEL), 2016	International	2016
22.	Silver Award for Creative Invention of EduSign : Educational Sign Language Video for Deaf Students in Learning Nuclear Energy. Korea International Women's Invention Exposition (KIWIE 2016), Korea	International	2016
23.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2015/2016	University	2016
24.	Best Paper Award, 3 <sup>rd</sup> International Education Postgraduate Seminar	International	2016
25.	Gold Medal. DicSCIENCE PBL : For Enhancing Students' Higher Order Thinking Skills. Penang International Invention, Innovation and Reserach Design Platform (PIID 2017)	International	2017
26.	Silver Medal DicSCIENCE PBL – Satu Usaha Bagi Meningkatkan KBAT Pelajar. K-Inovasi P&P UKM	National	2017
27.	Gold Medal. DicSCIENCE PBL : To Enhance Students' Higher Order Thinking Skills. International University Carnival on e-Learning (luCEL) USIM	International	2017
28.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2016/2017	University	2017
29.	Gold Medal. e-Pedagogy with Hybrid 3C Approach. New Academia Learning Innovation for Education 4.0 (NALI), 2018	International	2018
30.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 2 <sup>nd</sup> semester, 2017/2018. UTM	University	2018
31.	Anugerah Jasa Bakti Tahun 2018, UTM	University	2019
32.	Anugerah Perkhidmatan Cemerlang 2018, FSSH, UTM	Fakulti	2019
33.	Anugerah Penyeliaan Pelajar, Fakulti Sains Sosial dan Kemanusiaan	Fakulti	2019
34.	Winner of the Special Award of the Ministry of Education: Innovative Curriculum Design and Delivery (AKRI 2019)	National	2019
35.	GoI Award. Integration of e-Service Learning Platform in Authentic Learning Environment for Computer Network Cabling & Setup. NALI 2019 Exhibition and Competition	International	2019
36.	Finalist of New Academia Learning Innovation Award 2019	International	2019
37.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2018/2019 (MPPP1383-01)	University	2019
38.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2018/2019 (MPPP1393-01)	University	2019
39.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 2 <sup>nd</sup> semester, 2018/2019 (MPPP1303-01)	University	2019
40.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 2 <sup>nd</sup> semester, 2018/2019 (MPPP1373-01)	University	2019
41.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 2 <sup>nd</sup> semester, 2018/2019 (MPPP1403-01)	University	2019
42.	Anugerah Perkhidmatan Cemerlang 2019, Fakulti Sains Sosial dan Kemanusiaan	Faculty	2020
43.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2020/2021 (SPPP3303-01)	University	2020
44.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2020/2021 (MPPP1423-01)	University	2020
45.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2020/2021 (MPPP1213-18)	University	2020
46.	Award of Excellent, in recognition of valuable contribution : Active Blended earning Course in 1 <sup>st</sup> semester, 2020/2021 (MPPP1213-01)	University	2020

47.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 2 <sup>nd</sup> semester, 2020/2021 (MPPP1403-01)	University	2020
48.	NALI 2020 Award in recognition of Excellence in Innovative Teaching and Learning at New Academia Learning Innovation (2020), Future Ready Educators	International	2020
49.	Gold Award in NALI 2020 Exhibition and Competetition for the innovation of Gamified Hybrid Service Learning to Promote Students Engagment and Generic Skills. New Academia Learning Innovation (2020), Future Ready Educators	International	2020
50.	Silver Award in NALI 2020 Exhibition and Competetition for the innovation of Social Network Analysis for Interaction via Collaborative Problem-Based Learning Environment (CPBL) To Promote Students' Learning Performance. New Academia Learning Innovation (2020), Future Ready Educators	International	2020
51.	Gold Medal in the 1 <sup>st</sup> National Conference on SULAM 2021 for Community Computer Network Infrastructures (COM2NETS)	National	2021
52.	Silver Medal in FSSH Research And Innovation Competition for MySains APPS : Aplikasi Pembelajaran Mudah Alih Sains.	Faculty	2021
53.	Certificate of Appreciation in FSSH Research And Innovation Competition for Effect of Constructivist Digital Game Based Learning Courseware for Slow Learners	Faculty	2021
54.	Certificate of Appreciation in FSSH Research And Innovation Competition for Problem in Learning Movement Skills among Students in Higher Education	Faculty	2021
55.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 2 <sup>nd</sup> semester, 2020/2021 (SPPP3303-01)	Faculty	2021
56.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 2 <sup>nd</sup> semester, 2020/2021 (MPPP1213-01)	University	2021
57.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2021/2022 (SPPP3303-01)	University	2021
58.	Award of Excellent, in recognition of valuable contribution : Active Open Distance Learning Course in 1 <sup>st</sup> semester, 2021/2022 (MPPP1213-51)	University	2021
59.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2021/2022 (MHPP1123-01)	University	2021
60.	Award of Excellent, in recognition of valuable contribution : Active Blended Learning Course in 1 <sup>st</sup> semester, 2021/2022 (SHPP4722-01)	University	2021
61.	Open and Distance Learning Certified Educator	Faculty	2021
62.	Finalist, Supervision Award, FSSH	Faculty	2021
63.	Best Paper Award, 2 <sup>nd</sup> International Conference on Creative and Innovative Technology in Education (i-CITE, 2021)	International	2021
64.	Gold Medal in New Academia Learning Innovation (NALI) – Micro-credential Competition	International	2021
65.	Top 10 Best Researcher Award	Faculty	2022
66.	Silver Award - FSSH Research and Innovation Competition	Faculty	2022
67.	Excellent Service Award (Anugerah Perkhidmatan Cemerlang), FSSH	Faculty	2022
68.	Excellent Service Award (Citra Karisma), UTM	University	2022
69.	Winner of the Special Award of the Ministry of Education: Curriculum for Innovative Academic Programs (AKRI 2022)	National	2022
70.	Award of Excellence - Active Blended Learning Course In 20212022-1 for MHPP1123-01	University	2022
71.	Award of Excellence - Active Blended Learning Course In 20212022-2 for MHPP1113	University	2022
72.	Award of Excellence - Active Blended Learning Course In 20212022-2 for MPPP1383	University	2022

73.	Award of Excellence - Active Blended Learning Course In 20212022-2 for SHPP3303-01	University	2022
74.	Award of Excellence - Active Blended Learning Course In 20212022-2 for SHPP4722-01	University	2022
75.	Award of Excellence - Active Blended Learning Course In 20212022-2 for SPPP3303	University	2022
76.	Award of Excellence - Active Open Distance Learning Course In 20212022-1 for MPPP1393	University	2022
77.	Silver medal – International Invention, Innovation & Technology Exhibition Malaysia (ITEX 23) – Problem Solving Oriented e-Module in Learning	National	2023
78.	Excellent Service Award (Anugerah Perkhidmatan Cemerlang), FSSH	Faculty	2023

## WORKING EXPERIENCE

No	Position	Starting Date	Ending Date	Department/Organisation
1.	Teacher	1995	1995	SMK Tenghilan, Tamparuli Sabah, Ministry of Education
2.	Graduate Research Assistant	1997	1997	Department of Educational Media and Computers, Arizona State University
3.	Tutor (DA2)	1995	1998	Universiti Teknologi Malaysia
4.	Lecturer (DS45)	1998	2007	Universiti Teknologi Malaysia
5.	Senior Lecturer (DS52)	2007	2009	Universiti Teknologi Malaysia
6.	Associate Professor (DS54)	2009	Present	Universiti Teknologi Malaysia

## PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

Summary	
International Professional Membership / Qualifications / Recognition	4
National Professional Membership / Qualifications / Recognition	8

No	Name of Profesional Membership	Level (Faculty/UTM/ National /International)	Role	Year
1.	Persatuan Sains dan Matematik Negeri Johor (Association of Science and Mathematics – Johor)	National	Member	2000 - present
2.	Malaysian Educational Technology Association	National	Member	2000 - present
3.	Malaysian Online Journal of Instructional Technology (MOJIT)	National	Editorial Board	2004 - 2008
4.	Instructional Design of Educational Multimedia Courseware Research and Consultancy Group (IDEMC)	National	Member	2007 - 2010
5.	Malaysian Journal of Educational Technology (myJET)	National	Editorial Board	2006 - 2010
6.	Majlis e-Pembelajaran IPTA Malaysia (MEIPTA)	National	Member	2007 - 2010
7.	Innovative Teaching and Learning Journal (ITLJ)	International	Editorial Board	2017 - present
8.	International Journal on e-Learning and Higher Education (IJELHE)	International	Editorial Board	2016 - present
9.	Institute of Electrical and Electronics Engineers (IEEE)	International	Member	2019 - present
10.	Eurasia Research - Social Science and Humanities Research Association	International	Member	2019 - present

11.	Graduate Technologist: Malaysia Board of Technologists	National	Member	2020 - present
12.	Professional Technologist: Malaysia Board of Technologists	National	Member	2020 - present

#### ADMINISTRATIVE EXPERIENCE

No	Position	Starting Date	Ending Date	Department/ Faculty/ Division
1.	Information Technology (Manager)	2004	2006	Centre for Teaching and Learning (CTL), Universiti Teknologi Malaysia
2.	Information Technology (Manager)	2006	2008	Centre for Teaching and Learning (CTL), Universiti Teknologi Malaysia
3.	Information Technology (Manager)	2008	2009	Centre for Teaching and Learning (CTL), Universiti Teknologi Malaysia
4.	Information Technology (Manager)	2009	2011	Centre for Teaching and Learning (CTL), Universiti Teknologi Malaysia

#### CONSULTATION WORKS

Summary	
Consultation Project-UTM	3 projects
Consultation Project- Others	7 projects

No.	Year	Title	Value	Vot
1.	1996	Multimedia Consultant for Computer-Aided Integrated Multimedia (CAIM) course, Yayasan Pelajaran Johor (Johor Education Foundation)	RM 50 000.00	NA
2.	2002	Educational Research Consultant for ICT Training Program, Ministry of Education of Malaysia and FSBM Sdn Bhd	NA	NA
3.	2011	e-Learning Management and Courseware Development Project for I-MHERE (Indonesia-Managing Higher Education for Relevance and Efficiency), Universitas Negeri Yogyakarta, Indonesia.	RM 3,000.00	NA
4.	2013	Massachusetts Institute of Technology (MIT) – Universiti Teknologi Malaysia (UTM) Blossoms Initiative	RM 650 000.00	Flagship: 00G75
5.	2014	Ministry of Education ICT Networking Infrastructure	NA	NA
6.	2017	Job Training of Rajamangala University of Technology Thanyaburi (RMUTT), Thailand	RM 20 000.00	NA
7.	2017	Teaching and Learning for 21 <sup>st</sup> Century Skills for Universitas Ahmad Dahlan (UAD), Indonesia lecturers	RM 25 000.00	NA
8.	2018	Blended Learning and Emerging Educational Technologies for Afghanistan lecturers	RM 11 000.00	NA
9.	2018	Creative and Innovative Technology in Education (I-CITE 2018)	RM 82 000.00	GTIM 20
10.	2021	Creative and Innovative Technology in Education (I-CITE 2021)	RM 20 000.00	UTIM 144

#### INTERNATIONAL/NATIONAL/UNIVERSITY COMMITTEE

Summary	
International Committee	32
National Committee	44
University Committee	64
Faculty Committee	54
Community Committee	8

## International Committee

No	Name of Committee	Role	Starting Date	Ending Date
1.	California Software Evaluation Groups, USA	Reviewer	1997	1997
2.	1 <sup>st</sup> International Malaysian Educational Technology Convention (IMETC)	Committee Member	2007	2007
3.	ASCILITE Melbourne Conference	Reviewer	2008	2008
4.	e-Learning Management and Courseware Development Project for I-MHERE (Indonesia-Managing Higher Education for Relevance and Efficiency), Universitas Negeri Yogyakarta, Indonesia	e-Learning consultant	2011	2012
5.	e-Learning for Kolej Universiti Perguruan Ugama (KUPU), Brunei, 2012	e-Learning consultant	2012	2012
6.	Massachusetts Institute of Technology (MIT) – Universiti Teknologi Malaysia (UTM) Blossoms Initiative	Committee Member	2013	2014
7.	International Journal on e-Learning Practices (IJELP)	Reviewer	2014	2015
8.	International Conference on Educational Studies (ICES)	Reviewer	2015	2015
9.	International University Carnival on e-Learning (IUCEL)	Jury	2016	2016
10.	International Innovation & Design on e-Learning (IIDEL),	Jury of Invention	2016	2016
11.	International Journal on e-Learning and Higher Education (IJELHE)	Editorial Board	2016	Present
12.	Job Training of Rajamangala University of Technology Thanyaburi (RMUTT), Thailand	Committee Member	2017	2017
13.	International Journal of Engineering Education (IJEE)	Reviewer	2017	2017
14.	7 <sup>th</sup> World Engineering Education Forum	Reviewer	2017	2017
15.	Teaching and Learning for 21 <sup>st</sup> Century Skills for Universitas Ahmad Dahlan (UAD), Indonesia lecturers	Committee Member	2017	2017
16.	Journal of Information & Communication Technology (JICT)	Reviewer	2017	2018
17.	Innovative Teaching and Learning Journal (ITLJ)	Editorial Board	2017	Present
18.	1 <sup>st</sup> International Conference on Creative and Innovative Technology in Education 2018	Committee Member / Sub-Group leader	2017	2018
19.	Blended Learning and Emerging Educational Technologies for Afghanistan lecturers	Curriculum Designer and Trainers	2018	2018
20.	1 <sup>st</sup> International Conference on Creative and Innovative Technology in Education (iCITE)	Reviewer	2018	2018
21.	Judging Committee, New Academia Learning Innovation Exhibition and Competition	Chairman	2018	2018
22.	Judging Committee, NALI Award	Chairman	2018	2018
23.	International Graduate Conference on Engineering, Science and Humanity (IGCESH)	Reviewer	2018	2018
24.	Interactive Learning Environments Journal (Taylor & Francis Online)	Reviewer	2019	2019
25.	Innovative Teaching and Learning Journal (ITLJ)	Reviewer	2019	2021
26.	International Journal on e-Learning and Higher Education (IJELHE)	Reviewer	2019	2021
27.	Judging Committee, New Academia Learning Innovation Exhibition and Competition	Chairman	2020	2020
28.	Judging Committee, NALI Award	Chairman	2020	2020

29.	2 <sup>nd</sup> International Conference on Creative and Innovative Technology in Education 2021	Committee Member	2020	2021
30.	2 <sup>nd</sup> International Conference on Creative and Innovative Technology in Education (iCITE)	Reviewer	2021	2021
31.	Pacific Asia Conference on Information System (PACIS)	Reviewer	2021	2021
32.	Judging Committee, New Academia Learning Innovation Award	Committee Member	2021	2021

#### National Committee

No	Name of Committee	Role	Starting Date	Ending Date
1.	Analisis Data Berkomputer: SPSS 10.0 published by Venton Publishing	Editorial Member	2001	2001
2.	Analisis Data Berkomputer: SPSS 10.0 published by Venton Publishing	Editorial Member	2003	2003
3.	Jury Committee for Teaching Aids in Science Competition organized by District Office of Education (PPD) Johor Bahru	Chairperson	2004	2004
4.	Curriculum Design for a new program - Bachelor of Animation with Hons, Universiti Pendidikan Sultan Idris (UPSI)	Advisory Panel	2005	2005
5.	Designing e-learning framework, Faculty of Information Technology and Communication, Universiti Pendidikan Sultan Idris (UPSI)	e-Learning Expert	2005	2005
6.	Malaysian Online Journal of Instructional Technology (MOJIT)	Editorial Board	2004	2008
7.	Jurnal Teknologi UTM	Reviewer	2005	2010
8.	Jawatankuasa Pertandingan Merekacipta Laman Web Sempena Sambutan 50 Kemerdekaan Malaysia	Chairman	2007	2007
9.	1 <sup>st</sup> International Malaysian Educational Technology Convention 2007 (Volume 1 & Volume 2 – Proceedings)	Editor	2007	2007
10.	Panel for Creative Multimedia Production textbook, Text Book Division, Ministry of Education.	Advisory Panel and Reviewer	2007	2007
11.	Majlis e-Pembelajaran IPTA Malaysia (MEIPTA)	Member	2007	2010
12.	Evaluation Panel for books related to instructional technology and multimedia, Penerbit UPSI	Reviewer	2011	2012
13.	Evaluation Panel for books related to animation and multimedia, Penerbit UTeM	Reviewer	2012	2013
14.	Jurnal Teknologi UTM	Reviewer	2012	2014
15.	National R&D Roadmap for e-Learning Technology (MIMOS)	Advisory Panel	2005	2005
16.	Konvensyen Antarabangsa Jiwa Pendidik, organized by Institut Pendidikan Guru, Temenggung Ibrahim, Johor Bahru	Advisory Panel and Expert for Innovation Project	2014	2014
17.	e-Learning Guidelines for Malaysian HEIs (Ministry of Education)	Advisory Panel	2014	2015
18.	Dasar e-Pembelajaran Kebangsaan (DePAN) (National e-Learning Policy)	Advisory Panel / Policy Writer	2014	2015
19.	ICT Networking Infrastructure for Ministry of Education	Advisory Panel	2014	2015
20.	Evaluation Panel for books related to Critical Thinking and Motivation in Science via Problem Based Learning, Penerbit UMS	Reviewer	2016	2016
21.	Evaluation Panel for books related to Cartoon Concept in Science and Mathematics, Penerbit UMS	Reviewer	2016	2016

22.	Malaysian Journal of Higher Order Thinking Skills in Education (MJHOTS)	Reviewer	2016	2017
23.	Malaysian Journal of Learning and Instruction (MJLI)	Consulting Editor and Reviewer	2016	2018
24.	STEM Day on the Occasion of 6 <sup>th</sup> Iskandar Learning Festival, UniKL	Facilitator	2017	2017
25.	Online Resources for Learning in English for Institutions of Higher Learning in Malaysia – MyLine	Committee Member	2008	2011
26.	Judging Committee for International University Carnival on e-Learning (IUCEL)	Chairman	2016	2016
27.	Panel of Examiner for Research Grant Proposal under KPT (FRGS)	Evaluator	2016	2021
28.	Auditor for Bachelor of Education with Honours (Multimedia), Universiti Pendidikan Sultan Idris (UPSI),	External Reviewer and Auditor	2017	2017
29.	Penasihat Luar Pembangunan dan Semakan Kurikulum Sains Komputer IPG-KPM	External Advisor	2019	2022
30.	Jawatankuasa Semakan Semula Program JKSSP UPSI	Auditor	2019	2020
31.	Jawatankuasa Panel Penilai Program di UKM - Sarjana Pendidikan (Pendidikan Komputer)	Auditor	2019	2019
32.	Panel of Evaluator for Research Grant Proposal under KPT (PRGS)	Evaluator	2019	2020
33.	Panel Pakar Professional Kesahan Kandungan Instrumen Penyelidikan UPM	Evaluator	2019	2019
34.	Penilai Luar Urusan Kenaikan Pangkat Ke Jawatan Prof. Madya (UiTM)	Evaluator	2019	2019
35.	Book Manuscript Evaluator for Universiti Malaysia Sabah	Evaluator	2019	2020
36.	Jawatankuasa Pengajian Semakan Semula Program Sarjana Pendidikan Teknologi Maklumat, UPSI	External Advisor	2019	2020
37.	Program Pembangunan dan Semakan Kurikulum Serta Penilai Program Bidang Sains Komputer - IPG, KPM	External Advisor	2019	2023
38.	Jawatankuasa Kerja Pembangunan Dan Bakat (TWG-S) Industry4wrld 2020	Committee Member	2020	2021
39.	Kursus Pembelajaran Digital Dalam Pendidikan Awal Kanak-Kanak Kementerian Pendidikan Malaysia	External Advisor	2021	2022
40.	Panel Pakar Professional Kesahan Kandungan Instrumen Penyelidikan UKM	Evaluator	2021	2021
41.	National Inclusive Open Educational Resources Policy Evaluation Committee	Advisory Panel	2022	2022
42.	myDigital Educator @ MOHE	Multimedia and Online Learning Expert	2023	2023
43.	Majlis Professor Negara	Member	2022	Current
44.	Penasihat luar bagi Pembangunan dan Semakan Kurikulum Bidang Sains Komputer, IPG, KPM	External Advisor	2023	2025

#### University Committee

No	Name of Committee	Role	Starting Date	Ending Date
1.	Multimedia Presentation for Prime Minister Quality Award	Committee Member	1999	1999
2.	Online Resources and Management for Teaching and Training @ UTM	Chairman	2000	2001
3.	Jawatankuasa Penyelaras Pengajaran Universiti (PPU)	Committee Member	2000	2002

4.	Jawatankuasa Penyelarasan Laporan Penilaian Teknikal Tender / Jawatankuasa Penilaian Teknikal	Committee Member	2004	2004
5.	Kumpulan Sokongan Pembelajaran Kooperatif dan Pembelajaran Berasaskan Masalah (CBL-PBL Support Group)	Committee Member	2004	2005
6.	Buletin Pengajaran dan Pembelajaran	Editorial Member	2004	2006
7.	Buletin e-Pembelajaran@UTM	Editorial Member	2006	2008
8.	Jawatankuasa Teknikal IT or JATIT (Technical IT)	Committee Member	2004	2011
9.	E-Learning@UTM System Administrator	System Administrator	2004	2011
10.	Jawatankuasa Teknikal e-Learning UTM (Technical e-Learning@UTM)	Assistant Chairman	2005	2011
11.	Multimedia and Video Production Studio at Centre for Teaching and Learning (CTL)	Technical Advisor	2006	2007
12.	Evaluation Panel for books related to instructional technology and multimedia for Penerbit UTM	Reviewer	2006	2008
13.	Evaluation Panel for "Anugerah Karya Terjemahan Ke Bahasa Melayu & ke Bahasa Asing", Hari Penerbitan UTM 2006	Committee Member	2006	2006
14.	Teaching with Technology Framework for UTM Academic Staff Task Force	Chairman	2008	2011
15.	Online Resources for Teaching and Learning in English Task Force for UTM	Advisor	2006	2010
16.	UTM Teaching and Learning Symposium	Committee Member	2006	2006
17.	Pertandingan Merekacipta Laman Web Sempena Sambutan 50 Kemerdekaan Malaysia	Chairman	2007	2007
18.	Jawatankuasa Pelan Tindakan Pengurusan Fasiliti UTM	Committee Member	2007	2010
19.	PodCast and Mobile Broadcasting at UTM Task force	Chairman	2009	2010
20.	IT Literacy Test Task Force	Committee Member	2008	2009
21.	Jawatankuasa Teknikal Pengurusan Laman Web (Technical Website Management Committee )	Committee Member	2008	2010
22.	e-Portfolio@UTM Technical Team Task Force	Secretary	2008	2012
23.	UTM: World-Class Centre of Excellence Promotional Project Initiatives	Scriptwriter and Creative Producer	2008	2008
24.	UTMotion Project Task Force	Chairman	2009	2012
25.	Open Courseware@UTM Task Force	Committee Member	2011	2015
26.	Information Technology Award : Citra Karisma Excellence Service Award UTM	Committee Member	2011	2016
27.	Web Award : Citra Karisma Excellence Service Award UTM	Committee Member	2011	2012
28.	MIT-UTM Blossom Task Force	Committee Member	2011	2014
29.	UTM-MIT Blossom Project	Panel of Evaluator	2013	2014
30.	New Academia – Learning Innovation Main Committee	Committee Member	2013	2013
31.	New Academia – Learning Innovation Task Force	Sub-Project Leader	2013	2014
32.	Research University Grants Proposal	Panel of Evaluator	2014	present
33.	Teaching and Learning Policy and UTM	Policy Writer	2014	2015

34.	UTM MOOC Implementation	Committee Member	2014	2017
35.	International Education Postgraduate Seminar (IEPS)	Reviewer	2015	2018
36.	University Information Technology Awards	Committee Member	2016	2018
37.	Innovative Practices in Education and Industry Exhibition (I-PEINX)	Panel of Jury	2016	2016
38.	Open and Original e-Content Evaluation Task Force	Task force member	2016	present
39.	Publication and Verification of New Academia Learning Innovation (NALI) Guidelines	Task force member	2016	2016
40.	Student to Student Edutainment Competition	Panel of jury	2016	2016
41.	Video Competition : Postgraduate Life @ UTM	Panel of jury	2016	2017
42.	Review and Monitoring of UTM Teaching and Learning Policy Task Force	Task force member	2016	2017
43.	STEM Video Competition	Panel of jury	2017	2017
44.	Green Month Short Video Competition	Panel of jury	2017	2017
45.	New Academic Postgraduate Programme (Master of Higher Education Management)	Task force member	2017	2020
46.	Jawatankuasa Teknikal e-Learning UTM (Technical e-Learning@UTM)	Committee Member	2012	2018
47.	Panel of Evaluator for Research Grant Proposal under UTM (RUG Tier 1 and Tier 2)	Evaluator	2018	2019
48.	Jawatankuasa e-Learning UTM	Committee Member	2018	present
49.	Mentoring for Excellence (M4E) @ UTM	Committee Member / Mentor	2018	2020
50.	Branding Award – Citra Karisma, UTM	Committee Member	2018	2019
51.	Support Group for 21 <sup>st</sup> Century Teaching and Learning at UTM	Committee Member	2019	Present
52.	Task Force Widening Access to Education	Task force Member	2019	2020
53.	Panel of Evaluator for UTM Research Grant Proposal (UTMFR)	Evaluator	2019	2021
54.	Panel of Evaluator for UTM Research Grant Proposal (UTMER)	Evaluator	2019	2021
55.	Task Force Khas Menangani Isu Online Learning Semasa COVID-19	Task Force Member	2020	Present
56.	Task Force for Self Instructional Material (SIM) Handbook	Task Force Member	2021	Present
57.	Task Force Audit Akreditasi SAR-ODL	Task Force Member	2021	Present
58.	Technology Enable Learning Implementation Program @ UTM	Committee Member	2021	2023
59.	Improvement of Teaching and Learning Policy @ UTM	Committee Member	2021	2023
60.	UTM Hybrid Learning Space Task Force	Task Force Member	2022	Present
61.	UTM Teaching and Learning Practice Code Review Task Force	Task Force Member	2022	Present
62.	UTM Quality Management System Procedure Task Force	Task Force Member	2022	2023
63.	Task force - UTM Online Learning Procedure	Task Force Member	2023	2023

64.	Task force - Blended Learning Subsitute @ UTM	Task Force Member	2023	2024
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#### Faculty Commitee

No	Name of Committee	Role	Starting Date	Ending Date
1.	Seminar Kebangsaan Pendidikan Guru, 18 – 19 Disember 1995, Faculty of Education, UTM	Committee member	1995	1995
2.	Biro Kebajikan Ahli Badan Kebajikan Fakulti Pendidikan	Committee member	1996	1997
3.	Konvensyen Teknologi Pendidikan ke IX	Committee member	1996	1996
4.	Science & Technology Week, Johor Darul Takzim, 1998	Committee member	1998	1998
5.	Jawatankuasa Teknologi Maklumat Fakulti Pendidikan	Committee member	1998	1999
6.	Jawatankuasa Fakulti Bestari, Faculty of Education, UTM	Committee member	1999	2000
7.	Task Force ISO 9000, Faculty of Education, UTM	Task force member	1999	2000
8.	Lab Management Task Force, Faculty of Education, UTM	Supervisor	1999	2001
9.	Education Convention UTM, 1999 – 2000	Committee member	1999	2000
10.	Faculty Management Team, for Faculty of Education, UTM	Acting IT Manager	2000	2000
11.	Web Management Task Force, Faculty of Education, UTM	WebMaster	1998	2000
12.	Interactive Multimedia Productions Team for 10 <sup>th</sup> Years Celebration of Faculty of Education, UTM.	Chairman	1999	2000
13.	Practical Training Task Force, Faculty of Education, UTM	Task force member	1999	2000
14.	Secretariat for Practical Training Task Force, Faculty of Education	Secretary	1999	2000
15.	Production team for CERDIK IT (A Stand-Alone And Interactive Educational Multimedia Courseware)	Multimedia Consultant	1999	2000
16.	Quality Assurance, Faculty of Education, UTM	Committee Member	2003	2004
17.	Centre for Teaching and Learning Family Club (KAPELLA)	Chairman	2004	2006
18.	Web Management Task Force for Centre for Teaching and Learning (CTL)	Chairman	2005	2010
19.	Course Coordinator for Graphics, Animation, Audio and Video Technology (SPM2303)	Coordinator	2006	2014
20.	Jawatankuasa Kerja Penilaian Semula Kurikulum Program Ijazah Pertama Fakulti Pendidikan, UTM.	Committee Member	2007	2007
21.	Academic Supervision, Fakulti Pendidikan, UTM, 2007.	Committee Member	2007	2007
22.	Inovation in Teaching and Learning Group, Faculty of Education, UTM, 2008.	Committee Member	2008	2008
23.	Design & Tournament Group, Faculty of Education, UTM	Committee Member	2008	2008
24.	KAI for Sabatical Leave and Postdoctoral	Committee Member	2011	2013
25.	KAI for Academic Supervision	Committee Member	2011	2013
26.	Up-to-Date and Quality Curriculum	Committee Member	2011	2013
27.	Improving Supervision Skill	Committee Member	2011	2013
28.	Career Development	Committee Member	2011	2013
29.	Standard of Assessment	Committee Member	2011	2013
30.	Improving Supervision Skill – Postgraduate Programme, Faculty of Education, UTM	Committee Member	2013	2013
31.	Standard of Assesment – Postgraduate Programme, Faculty of Education, UTM.	Committee Member	2013	2013

32.	Faculty of Education Web Design Team, Faculty of Education, UTM.	Committee Member	2013	2013
33.	Sprit of Togetherness Camp, Faculty of Education, UTM,	Committee Member	2014	2014
34.	Teaching and Learning Award, Faculty of Education, UTM.	Committee Member	2016	2016
35.	Judging Committee, Innovation Day Competetion, FSSH	Chairperson	2018	2018
36.	Jawatankuasa Projek Penyelidikan	Committee Member	2018	Present
37.	Jawatankuasa Projek Sarjana	Committee Member	2018	Present
38.	Academic Professional Development, School of Education, FSSH, UTM	Committee Member	2018	2020
39.	System and Data Management, School of Education, Faculty of Social Science and Humanities, UTM	Committee Member	2018	2020
40.	Master Project, School of Education, Faculty of Social Science and Humanities, UTM.	Committee Member	2018	2020
41.	Task Force Member of Open Distance Learning (ODL)	Task Force Member	2018	2020
42.	Pengurusan Data dan Sistem FSSH	Chairman	2019	2020
43.	Teaching Excellent System (TES) - Quality of Teaching Evaluation for FSSH	Evaluator Panel	2019	present
44.	Open and Distance Learning (ODL) Task Force	Chairman	2020	2021
45.	Research Methodology Course Task Force	Task Force Member	2020	2021
46.	Jawatankuasa How To Get Yourself Employed (HTGYE)	Committee Member	2020	2020
47.	Jawatankuasa Pembangunan Profesional Akademik Sekolah Pendidikan	Committee Member	2020	2020
48.	Jawatankuasa Pembangunan Bakat FSSH	Committee Member	2020	2021
49.	Task Force Anugerah Kualiti Akademik 2021 FSSH	Committee Member	2021	2021
50.	Task Force for Open and Distance Learning (ODL) Program @ FSSH	Chairman	2020	2022
51.	Task Force for ODL Programme for Med TESL, Faculty of Social Sciences and Humanities	Task Force Member	2022	2023
52.	Task Force for Review and Improvement of Academic Content on the FSSH Website	Task Force Member	2022	2022
53.	Program Coordinator for Mix-Mode, Full Research and PhD	Coordinator	2023	2023
54.	Quality Teaching Assessment Panel for Teaching Excellence System (TES) for Performance Evaluation (LPPT) Year 2022	Assessment Panel	2023	2023

#### Community Committee

No	Name of Committee	Role	Starting Date	Ending Date
1.	ICT at SK Bandar Baru UDA 2 Johor Bahru	Advisory Panel & Facilitator	2005	2005
2.	Webinar untuk Guru Sekolah Agama Ketika Pandemik COVID-19	Facilitator	2020	2020
3.	Persediaan Diri, Proposal Penyelidikan dan Temuduga untuk guru-guru HLP	Committee Member & Speaker	Dec 2020	Dec 2020
4.	Educator@VLE J/K Kerja Pembangunan dan Bakat (TWG-S) – INDUSTRY4WRD	Facilitator & Module Developer	Nov 2020	Nov 2021
5.	Project on Inclusive OER (iOER) Policy	Panel of Evaluator	March 2021	April 2021
6.	Create Content by Digital Storytelling – ICT for Community Services Project	e-Content Technical Advisor	January 2021	March 2021

7.	1 <sup>st</sup> National Conference on Service Learning Malaysia-University for Society (SULAM)	Panel of Jury	October 2021	November 2021
8.	Service Learning Malaysia-University for Society (SULAM) – Online Exhibition and Competition	Panel of Advisor and Validator	October 2021	November 2021

#### SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES

No	Name of Activities	Place of Activities	Starting Date	Ending Date
1.	Facilitator of Authorware Workshop, organized by Diagnostic and Remedial Mathematics Groups, UTM.	UTM	Jun 1996	Jun 1996
2.	Speaker, Basic educational multimedia production course to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN) or Teaching and Learning Centre, UTM.	UTM	March 1999	March 1999
3.	Speaker, Basic educational multimedia production course to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN) or Teaching and Learning Centre, UTM.	UTM	April 1999	April 1999
4.	Speaker, Basic educational multimedia production course to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN) or Teaching and Learning Centre, UTM.	UTM	May 1999	May 1999
5.	Speaker, Basic educational multimedia production course to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN) or Teaching and Learning Centre, UTM.	UTM	June 1999	June 1999
6.	Speaker, Basic educational multimedia production course to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN) or Teaching and Learning Centre, UTM.	UTM	August 1999	August 1999
7.	Speaker, Basic educational multimedia production course to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN) or Teaching and Learning Centre, UTM.	UTM	November 1999	November 1999
8.	Speaker, Basic educational multimedia production course to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN) or Teaching and Learning Centre, UTM.	UTM	February 2000	February 2000
9.	Speaker, Basic computer aided learning course to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN) or Teaching and Learning Centre, UTM.	UTM	February 2000	February 2000
10.	Speaker, Multimedia production course (2 <sup>nd</sup> series) to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN), UTM,.	UTM	June 2000	June 2000
11.	Facilitator, Introduction to Computer: Hardware & Software course for Faculty of Education lecturers. Organized by Faculty of Education, UTM.	UTM	July 2000	July 2000
12.	Speaker, Computer as Educational Tool course to UTM lecturers. Organized by the “Unit Pengajaran dan Pembelajaran” (UNIPEN), UTM.	UTM	April 2003	April 2003
13.	Speaker, Teaching Certificate in Higher Education, Level 1 (Modul C) : Teaching With Technology. Organized by the Centre for Teaching and Learning, UTM.	UTM	September 2004	September 2004
14.	Speaker, Teaching with Technology (multimedia) course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	December 2004	December 2004

15.	Speaker, Teaching with Technology (e-learning) course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	January 2005	January 2005
16.	Speaker, Effective and Innovative Teaching Forum. Organized by Jawatankuasa Pemantapan Pengajaran, Faculty of Education, UTM	UTM	March 2005	March 2005
17.	Speaker, Development of Digital Learning Object course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM	UTM	April 2005	April 2005
18.	Speaker, Teaching with Technology (e-learning) course for FKSG, UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	May 2005	May 2005
19.	Speaker, Teaching Certificate in Higher Education, Level 1 (Modul C) : Teaching With Technology. Organized by the Centre for Teaching and Learning, UTM.	UTM	June 2005	June 2005
20.	Speaker, e-learning for Problem Based Learning course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	July 2005	July 2005
21.	Speaker, Basic Development of Multimedia Application course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	August 2005	August 2005
22.	Speaker, Digital Video Recording and Editing for Teaching & Learning course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	August 2005	August 2005
23.	Facilitator, Active Learning Workshop for Faculty of Education Staff. Organized by Faculty of Education, UTM.	UTM	September 2005	September 2005
24.	Speaker, Basic Development of Multimedia Application course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	September 2005	September 2005
25.	Speaker, Teaching with Technology (e-learning) course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	February 2006	February 2006
26.	Speaker, Basic Development of Multimedia Application course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	March 2006	March 2006
27.	Speaker, Development of Digital Learning Object course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	April 2006	April 2006
28.	Facilitator, "Bengkel Penyemakan Polisi Pengajaran dan Pembelajaran UTM". Organized by Centre for Teaching and Learning, UTM.	UTM	Jun 2006	Jun 2006
29.	Speaker, Basic Development of Multimedia Application course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	July 2006	July 2006
30.	Speaker, Basic Of Website Development For Teaching And Learning Purposes course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	August 2006	August 2006
31.	Speaker, Problem Based Learning course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	September 2006	September 2006
32.	Speaker, Development of Digital Learning Object course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM	UTM	November 2006	November 2006
33.	Speaker, Basic Development of Multimedia Application course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	December 2006	December 2006

34.	Speaker, Basic Of Website Development For Teaching And Learning Purposes course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	December 2006	December 2006
35.	Speaker/Facilitator, 1 <sup>st</sup> e-Learning@UTM Strategic Planning Workshop. Organized by Centre for Teaching and Learning, UTM.	UTM	December 2006	December 2006
36.	Speaker/Facilitator, 2 <sup>nd</sup> e-Learning@UTM Strategic Planning Workshop. Organized by Centre for Teaching and Learning, UTM.	UTM	December 2006	December 2006
37.	Speaker, Basic Development of Multimedia Application course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.,.	UTM	February 2007	February 2007
38.	Speaker, Development of Digital Learning Object course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	March 2007	March 2007
39.	Speaker, Basic Of Website Development For Teaching And Learning Purposes course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	April 2007	April 2007
40.	Speaker, Optimizing The Use Of Electronic Presentation Software For Teaching And Learning for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	April 2007	April 2007
41.	Speaker, Basic Development of Multimedia Application course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	August 2007	August 2007
42.	Speaker, Development of Digital Learning Object course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	September 2007	September 2007
43.	Speaker, Motivation Program for CTL staff 2007. Organized by Centre for Teaching and Learning, UTM.	UTM	September 2007	September 2007
44.	Speaker, Basic Of Website Development For Teaching And Learning Purposes course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	September 2007	September 2007
45.	Speaker/Facilitator, Teaching & Learning@UTM Strategic Planning Workshop. Organized by Centre for Teaching and Learning, UTM.	UTM	October 2007	October 2007
46.	Speaker/Facilitator, e-Learning@UTM Action Planning Workshop. Organized by Centre for Teaching and Learning, UTM.	UTM	December 2007	December 2007
47.	Speaker/Facilitator, Improvement of Assessment in Teaching and Learning Workshop. Organized by Centre for Teaching and Learning, UTM.	UTM	December 2007	December 2007
48.	Speaker, Basic Development of Multimedia Application course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	January 2008	January 2008
49.	Speaker, Active Learning Through PowerPoint course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	February 2008	February 2008
50.	Speaker, Basic Graphic Design For Teaching And Learning Purposes course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	March 2008	March 2008
51.	Speaker, Basic Animation Publishing For Teaching And Learning Purposes course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	May 2008	May 2008
52.	Speaker, Basic Of Website Development For Teaching And Learning Purposes course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	June 2008	June 2008

53.	Speaker, Basic Development of Multimedia Application course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	August 2008	August 2008
54.	Speaker, Internet Technology In Teaching and Learning course for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	August 2008	August 2008
55.	Speaker of e-Learning Using Moodle (Instructor Module) course for Malaysian Educators. Organized by Centre for Teaching and Learning, UTM.	UTM	June 2008	June 2008
56.	Speaker, Teaching in Higher Education Certificate – Teaching with Technology Module for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	September 2013	September 2013
57.	Speaker, PhD Viva Preparation, Faculty of Education Postgraduate Colloquium, UTM.	UTM	May 2014	May 2014
58.	Moderator, Educational Technology Panel Qolloquium, Faculty of Education, UTM.	UTM	March 2014	March 2014
59.	Moderator, Educational Technology Panel Qolloquium, Faculty of Education, UTM.	UTM	October 2014	October 2014
60.	Speaker, Design and Development of MOOC Learning Materials. Organized by Centre for Teaching and Learning, UTM.	UTM	August 2014	August 2014
61.	Speaker, Active Learning Using Technology. Organized by Centre for Teaching and Learning, UTM.	UTM	November 2015	November 2015
62.	Speaker, Teaching and Learning in HiEd – Teaching with Technology. Organized by Centre for Teaching and Learning, UTM.	UTM	Ogos 2015	Ogos 2015
63.	Speaker, Active Learning Using Technology. Organized by Centre for Teaching and Learning, UTM.	UTM	November 2015	November 2015
64.	Speaker, Teaching in Higher Education Certificate – Teaching with Technology Module for UTM lecturers. Organized by Centre for Teaching and Learning, UTM.	UTM	August 2015	August 2015
65.	Speaker, Postgraduate Structured Course. Organized by School of Graduate Studies (SPS), UTM	UTM	October 2017	October 2017
66.	Speaker, Multimedia Module Development. Organized by Centre for Teaching and Learning, UTMLead, UTM.	UTM	February 2018	February 2018
67.	Speaker, Postgraduate Structured Course – 2 <sup>nd</sup> Year. Organized by School of Graduate Studies (SPS), UTM.	UTM	March 2018	March 2018
68.	Speaker, Animation in Education. Organized by Centre for Teaching and Learning, UTMLead, UTM.	UTM	April 2018	April 2018
69.	Speaker, Postgraduate Structured Course – 1 <sup>st</sup> Year. Organized by School of Graduate Studies (SPS), UTM.	UTM	December 2018	December 2018
70.	Speaker, Designing Teaching and Learning for Open Distance Learning. Organized by Centre for Teaching and Learning, UTMLead, UTM.	UTM	March 2019	March 2019
71.	Speaker, Web 2.0 for Effective Teaching & Learning. Organized by Centre for Teaching and Learning, UTMLead, UTM.	UTM	April 2019	April 2019
72.	Speaker, Ask Anything About Online Learning. Organized by Centre for Teaching and Learning, UTMLead, UTM.	UTM	April 2020	April 2020
73.	Speaker, Teaching Using Whatsapp. Organized by Centre for Teaching and Learning, UTMLead, UTM.	UTM	April 2020	April 2020
74.	Speaker, Student-Centered Learning Activities. Organized by Centre for Teaching and Learning, UTMLead, UTM.	UTM	March 2020	March 2020
75.	Speaker, Interactive Online Learning Activities. Organized by Centre for Teaching and Learning, UTMLead, UTM.	UTM	March 2020	March 2020
76.	Speaker, Kursus Berstruktur Kajian Penyelidikan Tahun 2 PGSS	UTM	April 2020	April 2020

77.	Speaker, Empowering Free @ FSSH Series - Active Learning : Engaging Students in an Online Course. Organized by FSSH, UTM	UTM	April 2020	April 2020
78.	Speaker, TES DCP Training and Clinique, Sekolah Pendidikan. Organized by SOE, FSSH, UTM	UTM	August 2020	August 2020
79.	Speaker, Screencasting Made Easy. Organized by FSSH, UTM	UTM	June 2020	June 2020
80.	Speaker, Introduction to Video Editing. Organized by FSSH, UTM	UTM	June 2020	June 2020
81.	Speaker, From Emergency Remote Teaching To Effective Asynchronous Learning. Organized by FSSH, UTM	UTM	October 2020	October 2020
82.	Speaker, Self-Preparation, Research Proposal and Interviews – HLP Talk. Organized by School of Education, FSSH, UTM	UTM	December 2020	December 2020
83.	Speaker, Design and Development Research (DDR). Organized by Educational Development and Training Unit (ELEVET)	UTM	March 2021	March 2021
84.	Speaker, Designing Teaching and Learning for Open Distance Learning. Organized by Centre for Teaching and Learning, UTMLead, UTM.	UTM	April 2021	April 2021
85.	Speaker, Persediaan Latihan Mengajar - Teknologi PdPR Secara Atas Talian, FSSH	UTM	January 2021	January 2021
86.	Speaker for Online Colloquium With Educational Technology Postgraduate Students, Organized by School of Education, FSSH, UTM	UTM	June 2021	June 2021
87.	Facilitator for e-Poster Students Online Seminar	UTM	January 2021	January 2021
88.	Mentor, Bengkel Penyelidikan FSSH : Penulisan dan Penilaian Proposal FRGS	UTM	February 2021	February 2021
89.	Fasilitator Bengkel Pembangunan Self Instructional Material (Sim) Bagi Pelaksanaan Ijazah Sarjana Pendidikan Dengan Mod Penyampaian Secara Odl	UTM	Mac 2023	Mac 2023

## RESEARCH ACTIVITIES

Summary	
Principal Investigator - International Grants	1 project - RM 5100.00
Principal Investigator - National Grants	4 projects - RM 215 200.00
Principal Investigator - UTM Grants	6 projects - RM 215 700.00
Member - International Grants	1 project - RM 200 000.00
Member - National Grants	15 projects - RM 791 160.00
Member - UTM Grants	41 projects - RM 676 000.00
<b>Total (RM)</b>	<b>68 projects – RM 2 298 290.00</b>

## AS A PRINCIPAL INVESTIGATOR (PI)

Bil	Name of Grant	Role	Category of Grant (UTM/ Others)	Type of Grant	Amount (RM)	Starting Date	Ending Date	Vote No
1.	Argumentative Knowledge Construction Model In Social-Collaborative Learning Environment To Enhance Higher Order Thinking	PI	KPT	FRGS	51 200.00	2014	2015	4F368
2.	Serious Games Based Learning Framework That	PI	KPT	FRGS	53 000.00	2017	2018	4F932

	Enhances Students' Scientific Problem-Solving Competency and Learning Engagement in STEM Education							
3.	A Framework of Online Peeragogy Flipped Based Learning for Enhancing Student Collaborative Problem-Solving Skills	PI	KPT	FRGS	106 000.00	2021	2024	5F470
4.	Immersive and Engaging Online Learning Pedagogical Framework based on the Education 4.0 Innovative Pedagogies for Higher Education	PI	Universiti Teknologi Mara (UiTM)	National – Matching Grant	5000.00	2022	2023	4B763
5.	How Higher Order Thinking Skill (HOTS) Applied in Junior High School: Comparison Between Indonesia and Malaysia	PI	Universitas Muhammadiyah Makassar, Indonesia	International Grant	5100.00	2023	2024	4B874
6.	Pembangunan Objek Pembelajaran Digital Berasaskan Pendekatan Pembelajaran Berasaskan Masalah bagi Matapelajaran Teknologi Maklumat, Komunikasi dan Multimedia	PI	UTM	IDG	5 000.00	2006	2007	76522
7.	Collaborative e-Learning Landscape through Asynchronous Social Learning Networks	PI	UTM	RUG	10 000.00	2010	2011	77521
8.	Cognitive Engagement In Computer-Supported Collaborative Learning	PI	UTM	RUG Tier 2	40 000.00	2011	2012	00J83
9.	Collaborative Problem-Based Approach Through Web 2.0 Learning Environment To Enhance Argumentative Knowledge Construction Process	PI	UTM	RUG Tier 1	70 000.00	2013	2014	04H29
10.	Interaction-Performance Predictive Model in Social Collaborative Problem based Learning Environment To Enhance Students Critical Thinking Skills	PI	UTM	RUG Tier 1	39 700.00	2017	2018	16H55
11.	Framework of Gamified Storytelling in Social Learning Environment for Enhancing Student Collaborative Problem Solving Skills	PI	UTM	UTMER	51 000.00	2020	2022	19J12

**AS A SCIENTIFIC MEMBER**

Bil	Name Of Grant	Role	Category of Grant (UTM/ Others)	Type of Grant	Amount (RM)	Starting Date	Ending Date	Vote No
1.	A Survey on Andragogy Principles for Web-Based Instruction in Malaysia Higher Education.	Member	KPT	FRGS	32 000.00	2007	2009	78115
2.	Online Social Learning Model for Predicting Students Performance.	Member	KPT	FRGS	50 000.00	2012	2014	4F116
3.	Development of Model for Learning Science Using Cognitive Conflict Video Based Instruction to Overcome Student Misconception	Member	KPT	FRGS	68 200.00	2014	2016	4F456
4.	Framework of Online Social Network among Non-Technology Learners.	Member	KPT	FRGS	68 200.00	2014	2016	4F442
5.	Kerangka Pembelajaran Inkuiri untuk Aktiviti Eksperimen Kimia bagi Meningkatkan Kemahiran Kreativiti Saintifik dalam Kalangan Pelajar.	Member	KPT	FRGS	53 000.00	2017	2019	4F930
6.	Learning Analytics Framework for Enhancing Students' Cognitive Retention, Cognitive Engagement, and Motivation in Online Learning.	Member	KPT	FRGS	54 060.00	2017	2019	4F924
7.	A Model for HOTS Cultivation via Online Technology Enhanced Learning Environment Using Learning Analytic.	Member	KPT	FRGS	53 000.00	2017	2019	4F952.
8.	Framework of Self-Regulated Arabic Vocabulary Learning Strategies in Gamification Learning Environment	Member	KPT	FRGS	64 700.00	2020	2022	5F324
9.	Immersive Blended Learning Pedagogical Framework Based on The Education 4.0 Innovative Pedagogies for Higher Education	Member	KPT	FRGS	65 000.00	2020	2022	5F301
10.	A Framework for Characterizing Andragogical Lifelong Learning for Elderly Pensioners in Malaysia.	Member	KPT	FRGS	74 020.00	2020	2022	5F298
11.	Model Pembelajaran Kemahiran Komunikasi,	Member	KPT	FRGS	77 500.00	2021	2023	5F484

	Kolaborasi, Kreativiti dan Pemikiran Kritis Dalam Kalangan Murid Sekolah Kebangsaan Orang Asli							
12.	The New Integrated Collaborative Social Online Learning Model for Holistic Learning in Higher Education Institutions in Malaysia	Member	KPT	FRGS	128 730.00	2022	2025	FRGS/1/2022/SSI07/UPSI/02/37
13.	A HyFlex Learning Framework for Teaching and Learning in 21st Century	Member	KPT	FRGS	66 400.00	2023	2025	FRGS/1/2023/SSI07/UTM/01/2
14.	Exploring The Use of E-Learning Embedded With Sign Language Video Among Hearing Impaired Students in Learning Science.	Member	KPT	ERGS	70 000.00	2013	2015	4L093
15.	Prototype Development of Mobile Applications With an Embedded Sign Language Video for Hearing Impaired Students Learning Science.	Member	KPT	PRGS	61 480.00	2017	2019	4L683
16.	Towards Future University: Mobile Learning Social Network Model	Member	UTM	Flagship	15 000.00	2013	2013	00G84
17.	MIT-UTM Blossoms Initiative	Member	UTM	Flagship	650 000.00	2013	2014	00G75
18.	A Survey of KAFA Teachers Attitudes in Johor State Religious School	Member	UTM	UTM Short Term	5 000.00	1996	1997	71033
19.	Effects of Video and Computer-based Multimedia on the Performance and Attitudes of Students	Member	UTM	UTM Short Term	10 000.00	1996	1997	71078
20.	The Development of CERDIK IT As A Stand-Alone And Interactive Educational Multimedia Courseware In Improving Students' Performance And Attitudes Towards IT.	Member	UTM	UTM Short Term	16 000.00	1999	2000	71477
21.	Effectiveness of Stand-Alone and Interactive Multimedia-Based Learning Experiences in Teacher Education	Member	UTM	UTM Short Term	17 000.00	1996	1997	71603

22.	Keberkesanan Pembelajaran Perisian Goal Programming Menggunakan Perisian Rakaman Skrin (Effectiveness of Learning a Goal Programming Software Using a Screen Capture Software).	Member	UTM	UTM Short Term	16 000.00	2003	2003	71923
23.	The Development of a Training Module for Effective Teaching for Engineering and Technical Courses Lecturers.	Member	UTM	UTM Short Term	20 000.00	2004	2005	73050
24.	A Framework of Metacognitive Scaffolding in Learning Through a Social Networking Tool.	Member	UTM	RUG Tier 1	127 000.00	2011	2012	00H17
25.	Individualized Online Learning Framework Using Andragogy and Pedagogy as Foundational Learning Model.	Member	UTM	RUG Tier 2	40 000.00	2011	2012	00J91
26.	Pattern of Reflection In Learning Through Blog for Predicting Students' Performance.	Member	UTM	RUG Tier 1	80 000.00	2012	2014	03H03
27.	Students' Knowledge Construction In Online Learning Discussion.	Member	UTM	PAS UTM	20 000.00	2013	2014	00K61
28.	Development of a Video-Based Learning Framework Embedded With Cognitive Conflict Strategies to Overcome Students Misconceptions.	Member	UTM	RUG Tier 2	32 000.00	2012	2013	08J09
29.	Model for Teaching Using Video Based on Cognitive Load Theory	Member	UTM	UTM R&D Fund	20 000.00	2012	2014	4J071
30.	Learning Analytics to Support Improvements in Teaching Practice.	Member	UTM	MRUN-IRU (MG)	200 000.00	2015	2018	00M68
31.	Recognition of Students Pattern of Metacognitive Knowledge Strategies in Online Learning. 2014-2015. RM 20 000.00. RUG UTM Vot 10J58	Member	UTM	RUG	20 000.00	2014	2015	10J58
32.	Learning analytics: Predicting Postgraduate Students Graduation	Member	UTM	UTM R&D Fund	20 000.00	2014	2016	4J129
33.	Learning Exploration Through Problem Based Learning Method to Improve Higher Order Thinking Skills.	Member	UTM	RUG	20 000.00	2015	2016	10J81

34.	Cognitive Scaffolding Framework for Leveraging Students' Problem-Solving Process in Online Learning.	Member	UTM	RUG Tier 1	39 100.00	2017	2019	17H93
35.	Using Artificial Intelligence Peer For Online Peer Scaffolding To Improve Reasoning Skills In Science, Technology, Engineering And Mathematics.	Member	UTM	RUG Tier 1	30 000.00	2018	2020	20H39
36.	MySL: Mobile Apps for Hearing Impaired Students In Learning Science	Member	UTM	ICC-Prototype	20 000.00	2019	2020	4J390
37.	Framework of Technology-Enhanced Learning Acceptance among University Students	Member	UTM	RUG UTM FR	70 000.00	2020	2022	21H23
38.	Prototype Development of Mobile Applications with an Embedded Animated Cognitive Scaffolding Agent for Solving STEM Problems	Member	UTM	RUG UTM PR	73 000.00	2020	2022	00L30
39.	Pembangunan Silabus dan Suasana Pembelajaran bagi Persediaan Menghadapi Pembelajaran Berasaskan Masalah (PBL) bagi Pelajar Tahun 1.	Member	UTM	IDG	5 000.00	2006	2007	76512
40.	Pembangunan Pakej Interaktif dalam Kaedah Pembelajaran Kooperatif (CL) dan Pembelajaran Berasaskan Masalah (PBL) bagi pelajar FKM.	Member	UTM	IDG	5 000.00	2006	2007	76509
41.	Penghasilan Sistem Pengurusan Pembelajaran Berasaskan Masalah bagi Kegunaan Pensyarah IPT.	Member	UTM	IDG	4 500.00	2006	2007	76521
42.	Pembinaan Sistem Simulasi Interaktif Berasaskan Web Bagi Pembelajaran Sistem Rangkaian Komputer Di Kalangan Pelajar IPT.	Member	UTM	IDG	4 500.00	2007	2008	76549
43.	A Study on Critical Success Factor Of Using E-Learning@UTM.	Member	UTM	IDG	13 000.00	2011	2012	08214
44.	Kesediaan Pensyarah Dan Pelajar Terhadap Penggunaan Pembelajaran-M: Satu Kajian Kes Di IPT.	Member	UTM	IDG	15 000.00	2011	2012	08218

45.	Pembangunan Instrumen Pentaksiran Kompetensi ICT Pelajar IPT.	Member	UTM	IDG	15 000.00	2011	2012	08212
46.	Developing Interactive Teaching Guide Of Cooperative Problem-Based Learning (CPBL) for Engineering Lecturers.	Member	UTM	IDG	15 000.00	2011	2012	08219
47.	Cooperative Problem Based Learning (CPBL) Frameworks Dalam e-Learning Bagi Pendidikan Kejuruteraan Di UTM.	Member	UTM	IDG	15 000.00	2011	2012	08222
48.	Kerangka Pembelajaran Berkesan Menerusi Forum Atas Talian Berasaskan Metacognitive Scaffolding.	Member	UTM	IDG	14 000.00	2011	2012	08221
49.	Pembangunan Persekitaran Pembelajaran Maya Berbantuan Agen Pedagogi Beranimasi bagi Kursus Authoring language di Fakulti Pendidikan UTM.	Member	UTM	IDG	14 000.00	2012	2013	98756
50.	Model for Teaching Using Video Based on Cognitive Load Theory.	Member	UTM	IDG	15 000.00	2012	2013	98852
51.	Students' Readiness in Adopting Social Learning Environment.	Member	UTM	IDG	14 000.00	2011	2012	08227
52.	Pembangunan Persekitaran Pembelajaran Maya Berbantuan Agen Pedagogi Beranimasi Bagi Kursus Authoring Language Di Fakulti Pendidikan, UTM.	Member	UTM	IDG	14 000.00	2012	2013	4J088
53.	Pembangunan Video BLOSSOM untuk Topik Sains.	Member	UTM	IDG	15 000.00	2012	2013	4J092
54.	Towards Future University: Mobile Learning Social Network Model	Member	UTM	IDG	20 000.00	2014	2016	4J130
55.	An Implementation of Edutainment to Promote Generic Skills Among Undergraduate	Member	UTM	IDG	20 000.00	2014	2016	4J131
56.	An Exploratory Study of Blossoms Video Acceptance and Usage for Self Directed Learning	Member	UTM	IDG	30 000.00	2015	2016	4J159

**COLLABORATION / MOU**

No	Name Of MOU	Level of MOU (National/International)	Starting Date	Ending Date
1	MOA PhD Sinergi KPM-UTM	National	2014	2017
2	UTM-MIT Blossom Initiative	International	2013	2014

**TEACHING ACTIVITIES**

Summary	
Credit Hours – Undergraduates	81
Credit Hours – Postgraduates	231
Total Credit Hours	312

**UNDERGRADUATES**

No	Sesi	Sem	Subject Code	Subject	Credit Hour	No of Student
1.	1995 – 1996	2	SSP 2172	Teknologi Pendidikan	2	26
2.	1995 – 1996	2	SPT 5422	Pengurusan Pusat Sumber	2	18
3.	1996 – 1997	1	LSP 1172	Teknologi Pendidikan	2	32
4.	1996 – 1997	1	SPT 1002	Literasi Komputer	2	42
5.	1996 – 1997	1	STP 4902	Komputer dalam Pendidikan	2	22
6.	1996 – 1997	1	LSP 1272	Pengajaran Berbantuan Komputer	2	34
7.	1998 – 1999	1	SPT 4102	Multimedia dalam Pendidikan	2	18
8.	1998 – 1999	1	SPT 1002	Literasi Komputer	2	24
9.	1998 – 1999	1	SPT 4232	Pembangunan Multimedia	2	34
10.	1998 – 1999	2	SPT 3632	Teknologi Audio, Video, Grafik dan Animasi	2	35
11.	1998 – 1999	2	SPT 3632	Teknologi Audio, Video, Grafik dan Animasi	2	28
12.	1998 – 1999	2	SPT 1112	Teknologi Maklumat dalam Pendidikan	2	22
13.	1998 – 1999	2	SPT 1112	Teknologi Maklumat dalam Pendidikan	2	29
14.	1999 – 2000	1	SPT 3632	Teknologi Audio, Video, Grafik dan Animasi	2	30
15.	1999 – 2000	1	SPT 4102	Multimedia dalam Pendidikan	2	32
16.	1999 – 2000	2	SPT 3632	Teknologi Audio, Video, Grafik dan Animasi	2	26
17.	1999 – 2000	2	SPT 4102	Multimedia dalam Pendidikan	2	18
18.	1999 – 2000	2	SPT 4232	Pembangunan Multimedia	2	25
19.	2000 – 2001	1	SPT 2252	Teknologi Pendidikan	2	24
20.	2000 – 2001	1	SPT 4232	Pembangunan Multimedia	2	32
21.	2000 – 2001	1	SPT 3632	Teknologi Audio, Video, Grafik dan Animasi	2	28
22.	2003 – 2004	2	SPT 4182	Kaedah Mengajar Sains Komputer	2	29
23.	2003 – 2004	2	SPT 4182	Kaedah Mengajar Sains Komputer	2	22
24.	2004 – 2005	1	SPT 3302	Teknologi Grafik & Animasi Digital	2	28
25.	2004 – 2005	1	SPT 3302	Teknologi Grafik & Animasi Digital	2	32
26.	2004 – 2005	2	SPT 3312	Teknologi Audio & Video Digital	2	34
27.	2005 – 2006	1	SPM 2303	Teknologi Grafik, Animasi, Audio & Video Digital	2	37

28.	2006 – 2007	1	SPM 4342	Pembangunan Multimedia Berasaskan Web	2	32
29.	2006 – 2007	2	SPM 2303	Teknologi Grafik, Animasi, Audio & Video Digital	3	47
30.	2007 – 2008	1	SPM 4332	Pembangunan Multimedia Berasaskan CD-ROM	2	39
31.	2008 – 2009	1	SPM 4342	Pembangunan Multimedia Berasaskan Web	2	52
32.	2008 – 2009	1	SPM 4342	Pembangunan Multimedia Berasaskan Web	2	55
33.	2009 – 2010	1	SPM 4342	Pembangunan Multimedia Berasaskan Web	2	41
34.	2010 – 2011	1	SPM 4342	Pembangunan Multimedia Berasaskan Web	2	46
35.	2011 – 2012	1	SPM 4332	Pembangunan Multimedia Berasaskan CD-ROM	2	46
36.	2012 – 2013	1	SPM 4342	Pembangunan Multimedia Berasaskan Web	2	55
37.	2020 – 2021	1	SPPP3303	Teknologi Kreatif Dan Multimedia	3	37
38.	2020 – 2021	2	SPPP3303	Teknologi Kreatif Dan Multimedia	3	35
39.	2021 – 2022	1	SHPP4722	Kaedah Pembelajaran Dan Pengajaran Dalam Talian	2	29
<b>Total credits</b>					<b>81</b>	

#### POSTGRADUATES

No	Sesi	Sem	Subject Code	Subject	Credit Hour	No of Student
1.	1998 – 1999	2	MPT 1203	Teknologi dan Reka bentuk Media	3	20
2.	1999 – 2000	1	MPT 1403	Sistem Rangkaian	3	8
3.	2000 – 2001	1	MPT 1403	Sistem Rangkaian	3	7
4.	2003 – 2004	2	MPT 1113	Pengantar Teknologi Pendidikan	3	20
5.	2004 – 2005	1	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	10
6.	2004 – 2005	1	MPT 1183	Penerbitan Bahan Pengajaran	3	15
7.	2004 – 2005	2	MPT 1113	Pengantar Teknologi Pendidikan	3	15
8.	2005 – 2006	1	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	12
9.	2005 – 2006	2	MPT 1113	Pengantar Teknologi Pendidikan	3	20
10.	2005 – 2006	2	MPT 1203	Teknologi dan Reka bentuk Media	3	18
11.	2005 – 2006	2	MPT 1293	Pembangunan Multimedia Berasaskan CD-ROM	3	9
12.	2006 – 2007	1	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	8
13.	2006 – 2007	2	MPT 1293	Pembangunan Multimedia Berasaskan CD-ROM	3	20
14.	2006 – 2007	2	MPT 1203	Teknologi dan Reka bentuk Media	3	8
15.	2006 – 2007	2	MPT 1113	Pengantar Teknologi Pendidikan	3	7
16.	2007 – 2008	1	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	20
17.	2007 – 2008	2	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	10
18.	2007 – 2008	2	MPT 1293	Pembangunan Multimedia Berasaskan CD-ROM	3	15
19.	2007 – 2008	2	MPT 1203	Teknologi dan Reka bentuk Media	3	15
20.	2008 – 2009	1	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	12
21.	2008 – 2009	2	MPT 1293	Pembangunan Multimedia Berasaskan CD-ROM	3	20
22.	2008 – 2009	2	MPT 1483	Penerbitan Teknologi Visual Statik	3	18
23.	2009 – 2010	1	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	21
24.	2010 – 2011	1	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	15

25.	2010 – 2011	2	MPT 1393	Pembangunan Multimedia Berasaskan Web	3	21
26.	2010 – 2011	2	MPT 1293	Pembangunan Multimedia Berasaskan CD-ROM	3	9
27.	2011 – 2012	1	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	5
28.	2011 – 2012	2	MPT 1293	Pembangunan Multimedia Berasaskan CD-ROM	3	19
29.	2011 – 2012	2	MPT 1193	Sistem Penggubahan	3	22
30.	2012 – 2013	1	MPT 1193	Sistem Penggubahan	3	15
31.	2012 – 2013	1	MPT 1383	Teknologi Penerbitan Video dan Animasi	3	10
32.	2013 – 2014	2	MPT 1483	Penerbitan Teknologi Visual	3	12
33.	2013 – 2014	2	MPT 1203	Teknologi dan Rekabentuk Media	3	8
34.	2014 – 2015	1	MPT 1483	Penerbitan Teknologi Visual	3	9
35.	2014 – 2015	1	MPPP1373	Produksi Teknologi Visual	3	15
36.	2014 – 2015	2	MPPP1383	Video Technology Production	3	12
37.	2014 – 2015	2	MPPP1423	Best Practices Of Teaching and Learning In New Media	3	12
38.	2015 – 2016	1	MPPP1303	Digital Learning Object Development	3	3
39.	2015 – 2016	1	MPPP1373	Visual Technology Production	3	5
40.	2015 – 2016	1	MPPP1403	Innovative Learning Environment	3	8
41.	2015 – 2016	2	MPPP1373	Visual Technology Production	3	12
42.	2015 – 2016	2	MPPP1383	Video Technology Production	3	6
43.	2016 – 2017	1	MPPP1383	Video Technology Production	3	8
44.	2016 – 2017	2	MPPP1373	Visual Technology Production	3	12
45.	2016 – 2017	2	MPT1483	Visual Technology Production	3	12
46.	2017 – 2018	1	MPPP1373	Visual Technology Production	3	6
47.	2017 – 2018	1	MPPP1383	Video Technology Production	3	6
48.	2017 – 2018	1	MPT1483	Visual Technology Production	3	9
49.	2017 – 2018	2	MPPP1323	System Development	3	3
50.	2017 – 2018	2	MPPP1373	Visual Technology Production	3	12
51.	2017 – 2018	2	MPT1483	Visual Technology Production	3	9
52.	2018 – 2019	1	MPPP1383	Video Technology Production	3	5
53.	2018 – 2019	1	MPPP1393	Animation Technology Production	3	6
54.	2018 – 2019	2	MPPP1373	Visual Technology Production	3	8
55.	2018 – 2019	2	MPPP1403	Innovative Learning Environment	3	8
56.	2018 – 2019	2	MPPP1303	Digital Learning Object Development	3	6
57.	2018 – 2019	2	MPPP1403	Persekitaran Pembelajaran Inovatif	3	5
58.	2019 – 2020	1	MPPP1423	Amalan Terbaik Dalam Pengajaran dan Pembelajaran Media Bahar	3	6
59.	2019 – 2020	2	MPPP1403	Persekitaran Pembelajaran Inovatif	3	3
60.	2020 – 2021	1	MPPP1213	Teknologi Dan Rekabentuk Media	3	20
61.	2020 – 2021	1	MPPP1213	Teknologi Dan Rekabentuk Media	3	4
62.	2020 – 2021	1	MPPU1070	Analisis Kritikal	0	25
63.	2020 – 2021	1	MPPU1080	Penulisan Akademik	0	22
64.	2020 – 2021	1	UHPP0010	Kaedah Penyelidikan Dan Analisis Data	0	27

65.	2020 – 2021	2	MPPP1213	Teknologi Dan Rekabentuk Media	3	7
66.	2020 – 2021	2	MPPU1070	Analisis Kritikal	0	10
67.	2020 – 2021	2	MPPU1074	Kaedah Penyelidikan Dan Analisis Data Dalam Pendidikan	4	2
68.	2020 – 2021	2	MPPU1080	Penulisan Akademik	0	10
69.	2020 – 2021	2	UHPP0010	Kaedah Penyelidikan Dan Analisis Data	0	11
70.	2021 – 2022	1	MHPP1123	Teknologi Dan Rekabentuk Media	3	1
71.	2021 – 2022	1	MPPP1213	Teknologi Dan Rekabentuk Media	3	10
72.	2021 – 2022	1	MPPP1393	Produksi Teknologi Animasi	3	21
73.	2021 – 2022	1	MPPU1070	Analisis Kritikal	0	47
74.	2021 – 2022	1	MPPU1074	Kaedah Penyelidikan Dan Analisis Data Dalam Pendidikan	4	3
75.	2021 – 2022	1	MPPU1080	Penulisan Akademik	0	47
76.	2021 – 2022	1	UHPP0010	Kaedah Penyelidikan Dan Analisis Data	0	48
<b>Total Credits</b>					<b>231</b>	

## SUPERVISION

Summary	
Main Supervisor - PhD (Graduated)	20
Co-Supervisor - PhD (Graduated)	7
Main Supervisor - PhD (Ongoing)	9
Co-Supervisor - PhD (Ongoing)	5
Main Supervisor- Master by Research (Graduated)	1
Main Supervisor- Master by Research (On-Going)	1
Main Supervisor- Master by Taught Course (Graduated)	35
Main Supervisor- Master by Taught Course (On-Going)	3
Main Supervisor- Master by Mixed-Mode (Graduated)	2
Main Supervisor- Master by Mixed-Mode (On-Going)	1

## PhD Student

No.	Name	Status (Graduated/ On-Going)	Title	Roles of Supervision
1.	Tan Choon Keong	Graduated (2009)	i-Creative System to Determine & Improve Student's Creativity Skills	Co-Supervisor
2.	Suleiman Bin. Mohammed Al-Amri	Graduated (2010)	Omani Basic Education IT Teachers' Towards a proposed E-training Model and Change Their Attitude	Co-Supervisor
3.	Abd Malek bin Samsuri	Graduated (2012)	Pembangunan Dan Penilaian Perisian Multimedia Sejarah Berasaskan Pendekatan Penceritaan Digital Dan Kesannya Terhadap Pelajar.	Main-Supervisor
4.	Ahmad Muhaimin bin Mohamad	Graduated (2012)	Pembelajaran Koperatif Menerusi Web Bagi Meningkatkan Kemahiran Komunikasi dan Kerjasama Berkumpulan	Main-Supervisor
5.	Mohammad Ali Kianian	Graduated (2013)	Promoting Inquiry-Based Critical Thinking Among Pre-Service Teachers Using Web 2.0 e-Learning Model	Main-Supervisor
6.	NorHasyimah bt. Hamzah	Graduated (2014)	Pembelajaran Kolaboratif dalam Persekitaran Pembelajaran Sosial Berasaskan Web dan Kesannya Terhadap Aras Pemikiran Pelajar	Main-Supervisor

7.	Megat Aman Zahiri b. Megat Zakaria	Graduated (2014)	Penyeliaan Latihan Mengajar Menggunakan Konsep Pembelajaran Kolaboratif dan Kesannya kepada Kemahiran Generik Pelajar	Co-Supervisor
8.	Norah Md. Noor	Graduated (2015)	Pembangunan dan Penilaian Keberkesanan Sistem Pembelajaran Pintar Berasaskan Web Untuk Pelajar Pra Siswazah Menerusi Pendekatan Logik Kabur Bagi Pembelajaran Pengaturcaraan Komputer	Main-Supervisor
9.	Suhaizal Hashim	Graduated (2015)	Sistem Pentaksiran Berasaskan Sekolah Berasaskan Penggunaan e-Portfolio dan Kesannya Terhadap Pembentukan Pengetahuan yang Bermakna	Main-Supervisor
10.	Siti Mastura Baharudin	Graduated (2015)	Interaksi Dalam Pembelajaran Berasaskan Masalah Secara Kolaboratif Menerusi Web dan kesannya Terhadap Pemikiran Kritis Pelajar	Main-Supervisor
11.	Tan May Ling	Graduated (2017)	Knowledge Construction Model in Social-Collaborative Learning Environment (SCLE) Integrated with Scaffolding Strategy to Enhanced Students' Knowledge Construction Level	Main-Supervisor
12.	Suhaimi b. Zakaria @ Othman	Graduated (2017)	Kesan Teknologi Pengajaran Rotasi MRSP120 Pelbagai Mod dalam Persekitaran Pembelajaran Bermakna bagi Memperkukuh Kemahiran Berfikir Aras Tinggi	Main-Supervisor
13.	Aminudin b. Ehsan	Graduated (2017)	Kesan Modul Pembelajaran Haji Berasaskan Pendekatan Teori Kecerdasan Pelbagai Terhadap Tahap Penguasaan Pelajar	Co-Supervisor
14.	Suraiya bt. Hj. Muhammad	Graduated (2017)	Model of Authentic Chemistry Problem-Solving Competency to Improve Students' Performance in Solving the Open-Ended Problems In Chemistry	Main-Supervisor
15.	Ngau Chai Hong	Graduated (2018)	Pembangunan dan Penilaian Keberkesanan Templat Sistem Pengajaran Aktif Menerusi Web bagi Program Pendidikan Perguruan	Main-Supervisor
16.	Adjah Naqkiah bt. Mazlan	Graduated (2018)	Pembangunan Kemahiran Psikomotor dalam Persekitaran Pembelajaran Menerusi Web dengan Sokongan Teknologi Penganalisan Video dan Simulasi	Main-Supervisor
17.	Mad Noor b. Madjapuni	Graduated (2018)	Kesan Permainan Digital dalam Persekitaran Pembelajaran Konstruktivisme-Sosial dan Kesannya Terhadap Pemikiran Aras Tinggi Pelajar	Main-Supervisor
18.	Nurul Syazwani bt Ismail	Graduated (2018)	Kesan Aplikasi Mobil Kamus Istilah Sains Melalui Pembelajaran Berasaskan Masalah Terhadap Pemikiran Kritis Pelajar	Main-Supervisor
19.	Kho Pui Wun	Graduated (2019)	Induce Higher Order Thinking Skills in Chemistry Topic Salt via Scenario-Epistemic Game and Argumentative Knowledge Construction in Socio-Collaborative Learning Environment	Main Supervisor
20.	Siti Salbiah bt. Omar	Graduated (2019)	Kesan Pembelajaran Berasaskan Kooperatif-Inkuiri Terhadap Tahap Kreativiti Saintifik dan Penyelesaian Masalah Pelajar dalam Matapelajaran Kimia	Main Supervisor
21.	Anas (Mohammad Kamal) H. Al. Hanandeh	Graduated (2019)	Serious Games with Blended Learning Approach for Enhancing Motivation in Reading English Language	Co-Supervisor
22.	Mariah bt. Lambak	Graduated (2021)	Pembangunan dan Penilaian Model Reka Bentuk Kerangka Kerja Pengajaran 'TPACK' Dalam Pengintegrasian TMK Di Kalangan Pelajar Program Ijazah Sarjana Muda Perguruan Di Institut Pendidikan Guru	Main Supervisor

23.	Siti Nurkhadijah Aishah bt Ibrahim	Graduated (2021)	A Model of Argumentative Knowledge Construction in Social Collaborative Learning Environment in Order to Improve Students' Argumentative Knowledge Construction and Their Higher Order Thinking Skills.	Main Supervisor
24.	Wan Nur Tasnim bt Wan Hussin	Graduated (2021)	Interaction-Performance Predictive Model in Social Collaborative Learning Environment to Enhance Studnets Critical Thinking Skills.	Main Supervisor
25.	Hemanathan a/ Harikrishnan	Graduated (2022)	The Effect of Mathematical Digital Game Based Learning Courseware Towards Slow Learners' Achievement and Engagement	Co Supervisor
26.	Ang Swee Wen	Graduated (2023)	Effects of the Flipped Classroom Model on Students' ICT Skills in Malaysia Education Setting	Co-Supervisor
27.	Olusola-Fadumiye Titilope Olufunke	Graduated (2023)	The effect of authenticbased multimedia learning on students engagement in accounting education in Nigerian higher institutions	Main Supervisor
28.	Nurfazliah bt Muhammad	Ongoing (2014)	Penggunaan Pembelajaran Berasaskan Permainan bagi Meningkatkan Kreativiti Pelajar Dalam Penyelesaian Masalah Matematik	Co-Supervisor
29.	Azizah bt Yusof	Ongoing (2015)	Gamification for Collaborative Authentic Learning in Massive Open Online Course	Co-Supervisor
30.	Fatimah Sarah bt Yaacob	Ongoing (2015)	Framework of Student's Interaction to Enhance Student's Critical Thinking in Mobile Learning Environment Through Task-Based Learning Approach	Co Supervisor
31.	Lim Wan Koon	Ongoing (2017)	Penguasaan Kemahiran Bahasa Melayu Penulisan dalam Persekitaran Pembelajaran Autentik Menerusi Teknologi Bilik Darjah	Co Supervisor
32.	Irwan Shah Bin Mohd Ghanny	Ongoing (2019)	Konsep pembelajaran epistemologi fizik ke arah pembelajaran inkuiri	Co Supervisor
33.	Yuan Yihuan	Ongoing (2021)	Cooperative Learning in a Mobile-assisted Environment for the Acquisition of Interpreting Skills	Main Supervisor
34.	Zhouyijun	Ongoing (2021)	Online Learning in Higher Education	Main Supervisor
35.	Fatima Rahamatalla Asadalla Suliman Almarzooqi	Ongoing (2021)	A framework of student's experiences related to online blended learning in relation to Community of Inquiry in the UAE	Main Supervisor
36.	Nur 'Afina Yasmin Binti Rosly	Ongoing (2021)	Online Peeragogy Flipped Based Learning for Enhancing Student Collaborative Problem-Solving Skills	Main Supervisor
37.	Chung Tet Kun	Ongoing (2021)	Long-Term Knowledge Retention Solution using Spaced Repetition Digital Flashcard with Concept Maps and Tags Through Mobile Revision Application	Main Supervisor
38.	Wang Zhiru	Ongoing (2021)	Flipped Classroom Model in Samrt Educational Environment	Main Supervisor
39.	Liu Beibei	Ongoing (2021)	College English Teaching Evaluation Based on the Online Learning Platform	Main Supervisor
40.	Sumera Gulzar	Ongoing (2022)	The Impact of AI-powered Design Tools on Teaching and Learning at Undergraduate Design Program	Main Supervisor
41.	Pan Ying	Ongoing (2022)	The Effect of Web-based IDE and Pair Programming in a Flipped Learning Environment on Novice Programmers' Programming Anxiety and Collaborative Problem-Solving Skills	Main Supervisor

**MEd. & MPhil. Student**

No.	Name	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
1.	Mariam bt. Mohd Nor	Graduated (2002)	Penilaian Koswer Panduan Solat	Taught Course	Co-Supervisor
2.	Mohamad Fu'ad bin Abu Bakar	Graduated (2002)	Pembangunan Prototaip Perisian Subtopik Menganalisis Penambahan Dan Penolakan Warna Sains Tingkatan Empat Sekolah Menengah Bestari Melalui Penggunaan IPBK Sebagai Alat Kognitif : Suatu Kajian Kes	Taught Course	Co-Supervisor
3.	David Ang Tze Kiong	Graduated (2002)	Managing Educational Information Through Web Database A Case Study.	Full Research	Co-Supervisor
4.	Nor Saleha Abdul Ghani	Graduated (2002)	Keberkesanan Pembelajaran Topik Sumber Tenaga Bagi Mata Pelajaran Fizik Tingkatan 4 Menerusi Perisian Multimedia Interaktif : Satu Kajian Kes	Taught Course	Co-Supervisor
5.	Ibrahim Ahmad	Graduated (2004)	Pembangunan Sistem Pembelajaran Berasaskan Pendekatan Pembelajaran Berasaskan Masalah Bagi Tajuk Sistem Komputer dan Aplikasinya	Mix-Mode	Co-Supervisor
6.	Rosliah Kiting	Graduated (2005)	Tinjauan Mengenai Tabiat Membaca Di Kalangan Pelajar Sekolah Menengah Di Salah Sebuah Daerah Luar Bandar Di Negeri Sabah	Taught Course	Main Supervisor
7.	Julita @ Norjietta bt. Taisin @ Abdullah	Graduated (2005)	Sikap Guru Matematik dan Sains Terhadap Penggunaan Pakej Perisian Kursus Dalam Pengajaran dan Pembelajaran Di Beberapa Buah Sekolah Menengah Di Sekitar Daerah Tamparuli Sabah: Satu Tinjauan	Taught Course	Main Supervisor
8.	Johan @ Eddy Luaran	Graduated (2005)	Kajian Kemahiran dan Aras Keyakinan Guru Terhadap Aplikasi Teknologi Maklumat dalam Pengajaran dan Pembelajaran Beberapa Buah Sekolah Menengah di Daerah Kudat.	Taught Course	Main Supervisor
9.	Pancratius b. Primus	Graduated (2005)	Kajian Penggunaan Komputer Riba Dan LCD Di Kalangan Guru-guru sekolah Menengah Luar Bandar Di Salah Sebuah Daerah Di Negeri Sabah	Taught Course	Main Supervisor
10.	Mathew b. Dusun	Graduated (2006)	Kajian Perbezaan Pengalaman dan Sikap Terhadap Komputer Dalam Pengajaran Dan Pembelajaran Di Antara Guru-guru Pengguna Komputer Mahir Dengan Guru-guru Pengguna Komputer Biasa	Taught Course	Main Supervisor
11.	Juliyana bt. Baharudin	Graduated (2006)	Pembangunan dan Penilaian Sistem Pembelajaran Berasaskan Masalah Menerusi Web Bagi Tajuk Grafik Digital dalam Pendidikan	Taught Course	Main Supervisor
12.	Norashikin bt. Sahadan	Graduated (2007)	Pembangunan dan Penilaian Sistem Pembelajaran Berasaskan Situasi	Taught Course	Main Supervisor

			Menerusi Web bagi Tajuk Topologi Rangkaian Dalam Pendidikan		
13.	Rafidah bt. Sinone	Graduated (2007)	Pembelajaran Kolaboratif Dengan Sokongan Aplikasi Multimedia dan Kesannya Terhadap Kemahiran Generik Pelajar	Mix-Mode	Main Supervisor
14.	Kamaruddin Yusoff	Graduated (2007)	Aplikasi Multimedia Interaktif Berasaskan Pembelajaran Koperatif dan Pembelajaran Berasaskan Projek dan Kesannya Terhadap Pemikiran Kritikal dan Kreativiti Pelajar	Mix-Mode	Main Supervisor
15.	Mohd Hafiz Faizal Mohd Kamil	Graduated (2008)	Ciri-ciri rekabentuk laman web Pendidikan berdasarkan keperluan pelajar	Taught Course	Main Supervisor
16.	Syamsul Nor Azlan Mohamad	Graduated (2008)	Animated Pedagogical Agents as a Tutor, Assistant & Therapy	Taught Course	Main Supervisor
17.	Lee Chee Hong	Graduated (2008)	Pembangunan dan Penilaian Aplikasi Multimedia Interaktif Pembelajaran Berasaskan Projek Bagi Perisian Adobe Photoshop CS2	Taught Course	Main Supervisor
18.	Lim Siew Huang	Graduated (2008)	Students' perception on the electronic teaching presentation	Taught Course	Main Supervisor
19.	Wong Hee Choo	Graduated (2008)	A Study on The Learner Readiness Towards mobile Learning and The Effectiveness of Mobile Learning Application in Motivating Learning and Enhances Understanding	Taught Course	Main Supervisor
20.	Charlene Ann Malanjum	Graduated (2009)	The Effect of Inquiry Web-Based Learning Towards Students Critical Thinking Skills in Learning Biology	Taught Course	Main Supervisor
21.	Hafiza Saad	Graduated (2009)	Penggunaan ICT Sebagai Alat Melukis Corak Geometri Dalam Bidang Membuat Corak dan Rekaan	Taught Course	Main Supervisor
22.	Marina Bte Abd. Ghanie	Graduated (2009)	Blended Learning Approach in Animation Teaching & Learning Through Web Based System for Adult Learner	Taught Course	Main Supervisor
23.	Faza Farhana bt. Mohd Azmi	Graduated (2009)	Blog As Reflection Tool; a Case Study Of The Students' Level Of Reflection	Taught Course	Main Supervisor
24.	Hamizah bt. Laile	Graduated (2009)	Preservice Teachers' Acceptance on The Use of Web 2.0 in Informal Learning and Its Relation With Learning Style	Taught Course	Main Supervisor
25.	Jamal Nasser Said Al Shidhani	Graduated (2009)	The Effect of TPACK on the Awareness and Belief of Preservices Teachers Towards Integrating Technology in Teaching	Taught Course	Main Supervisor
26.	Nurul Hidayah bt. Ariff	Graduated (2009)	Kajian Penggunaan Web 2.0 Dari Aspek Perkongsian Maklumat Di Fakulti Pendidikan, UTM	Taught Course	Main Supervisor
27.	Nur Ain bt. Johari	Graduated (2010)	Pembangunan dan Penilaian Keberkesanan Persekitaran Pembelajaran Sosial Menerusi Web Bagi Menggalakkan Pembelajaran Aktif	Taught Course	Main Supervisor
28.	Mohd Tahir Ismail	Graduated (2010)	Kajian Tahap Penerimaan dan Penggunaan Teknologi Web 2.0 dalam P&P di Sekolah Menengah	Taught Course	Main Supervisor
29.	Soh Pea Ling	Graduated (2012)	Students' Readiness and Perceptions Towards Mobile Learning and Their	Taught Course	Main Supervisor

			Acceptance in Adopting Mobile Learning Platform as Learning Tool and Communication Tool		
30.	Izzatul Akilin bt. Abdullah	Graduated (2012)	Pembelajaran Berkonsepkan Teori Perkembangan Kreativiti Wallas dalam Persekitaran web 2.0 dan Kesannya Terhadap Pemupukan Daya Kreativiti Pelajar	Taught Course	Main Supervisor
31.	Khairunisa Bt Mohamad Fakri	Graduated (2013)	Pembelajaran Berkonsepkan Teori Konstruktivisme Lima Fasa Needham Dalam Persekitaran Web 2.0 Dan Kesannya Dalam Mata Pelajaran Sejarah	Taught Course	Main Supervisor
32.	Abdul Murad Abd Hamid	Graduated (2013)	Pembangunan Dan Penilaian Komik Penceritaan Digital Berasaskan Teori Konstruktivisme Bagi Pembelajaran Bahasa Melayu Pelajar Pendidikan Khas	Taught Course	Main Supervisor
33.	Norzie bt Khamis	Graduated (2013)	Collaborative Problem Based Learning Within Social Learning Environment To Enhance Students' Argumentative Knowledge Construction Process In Learning English Literature	Taught Course	Main Supervisor
34.	Mohd Fuad Mohamed Yusof	Graduated (2014)	Kesan Persekitaran Pembelajaran Berasaskan Pembangunan Pengetahuan Menerusi Teknologi Web 2.0 Bagi Kelas Kemahiran Perpustakaan	Full Research	Main Supervisor
35.	Roslina bt. Zainol	Graduated (2014)	Kesan Penggunaan Komik Penceritaan Digital Berasaskan Pendekatan Tematik dalam Persekitaran Pembelajaran Sosial-Masteri Terhadap Pembelajaran Hukum D-M	Taught Course	Main Supervisor
36.	Masni bt Othman	Graduated (2014)	Kesan Pembelajaran Kolaboratif Dalam Persekitaran Web 2.0 Terhadap Kemahiran Berfikir Aras Tinggi Pelajar Dalam Pembelajaran Sains	Taught Course	Main Supervisor
37.	Diana Mohd Yusof	Graduated (2015)	Inculcating Higher Order Thinking Skills Among Malaysian Students Through Blending of Social Networking Sites in a Collaborative Learning Environment To Enhance Students' Mathematics Experience	Taught Course	Main Supervisor
38.	Fatimah Salleh	Graduated (2016)	Kesan penggunaan pembelajaran berasaskan masalah dengan sokongan teknologi web 2.0 dalam meningkatkan tahap kemahiran berfikir pada aras tinggi pelajar dalam mata pelajaran Sains.	Taught Course	Main Supervisor
39.	Haliza bt. Rosdan	Graduated (2016)	The Use Of Online Game In Widening and Retaining Vocabulary in Cooperative Learning Environment	Taught Course	Main Supervisor
40.	Munawwar Adi Putra b. Muchtar	Graduated (2018)	Kesan Aplikasi Permainan Pendidikan Mudah Alih bagi Meningkatkan Pembelajaran Kolaboratif dalam Matematik Prasekolah	Taught Course	Main Supervisor
41.	Abdul Hadi b. Md Zin	Graduated (2018)	Kesan Mengintegrasikan Bahan Digital MBMMBI dengan Sokongan Pendekatan Pembelajaran Koperatif dalam Meningkatkan Kemahiran Mendengar dan Kemahiran Bertutur Bahasa Inggeris	Taught Course	Main Supervisor

42.	Siti Norniza Zainul Idris	Ongoing (2021)	The Impact of Gamified Learning in Pupils' Engagement and Performance in Learning English	Taught Course	Main Supervisor
43.	Lee Wen Shuang	Ongoing (2021)	Gamified Student Engagement Platform to Elevate Student Engagement in Synchronous Online Learning	Taught Course	Main Supervisor
44.	Nurul Aniha Bt Mohd Nawi	Ongoing (2021)	Kesan Pembelajaran Berasaskan Masalah PBM dengan Sokongan Pembelajaran Berbalik terhadap Tahap Kemahiran Berfikir Aras Tinggi Pelajar dalam Sains Komputer	Mix-Mode	Main Supervisor
45.	Chuan Sie Pei	Ongoing (2021)	Gamified Storytelling in Social Learning Environment for Enhancing Student Collaborative Problem Solving Skills	Full Research	Main Supervisor
46.	Lim Li Yi	Ongoing (2021)	Engaging Online Learning Pedagogical Framework based on the Education 4.0 Innovative Pedagogies for Higher Education	Taught Course	Main Supervisor
47.	Riyan Promprasit	Ongoing (2023)	Immersive & Engaging Online Learning Pedagogical Framework Based on 21st Century Learning for Primary School	Taught Course	Main Supervisor
48.	Kalaivani a/p Kalaiselram	Ongoing (2022)	The effect of drill-based gamification in the flipped learning environment on achievement and engagement in Mathematics among Vernacular school students	Taught Course	Main Supervisor

#### UTM POSTGRADUATE EXAMINATION/ VIVA

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#### Msc Internal Examiner

No.	Role	Students Name	Title	Year
1.	Internal examiner	Suguna a/p Appalanayudu	Kajian Kes: Kesan Persekitaran Pengaturcaraan Logo ke atas Pembelajaran Matematik	2008
2.	Internal examiner	Mohamad Nur Azhar b. Mazlan	Keberkesanan Penggunaan Koswer Multimedia Dalam Topik Pengurusan Kualiti Menyeluruh (TQM)	2009
3.	Internal examiner	Masrah bt. Ahmad	Pembinaan dan Keberkesanan Perisian KKS-PGS Berasaskan Penerapan Kemahiran Berfikir Secara Kritis dalam Sistem Multimedia Fizik.	2009
4.	Internal examiner	Zuriyani bt. Yasak	Rekabentuk laman web berasaskan taksonomi simpson bagi tajuk Kemahiran Mendirisiap Alat Ukur Teodolit untuk Matapelajaran Teknikal	2010
5.	Internal examiner	Nurul Syazwani Ismail	Pembinaan Kamus Multimedia Interaktif Berasaskan Pendekatan Andragogi dan Kesannya Terhadap Pencapaian Pelajar.	2010
6.	Internal examiner	Robiah bt. Yaakob	Kajian Terhadap Penggunaan Pusat Sumber Sekolah dalam Pengajaran dan Pembelajaran Pendidikan Islam	2010

7.	Internal examiner	Nor Ilyani bt Othman	Keberkesanan Strategi Pembelajaran Kolaboratif Berbantuan Komputer Menggunakan Aplikasi e-Forum bagi Tajuk "Computer Networks & Communications	2011
8.	Internal examiner	Lee Pey Shan	Enhancing Creativity in Visual Art Through Computer Aided	2011
9.	Internal examiner	Salihuddin b. Md Suhaidi	Keberkesanan Penggunaan Pembelajaran kolaboratif, Pola Interaksi dan Kekeperannya dalam e-Pembelajaran Fizik dalam Membantu Pencapaian Pelajar	2011
10.	Internal examiner	Siti Fatimah bt. Zaini	Objek Pembelajaran Matematik Tingkatan 5 Pelan dan Dongakan	2011
11.	Internal examiner	Nur Fazila bt. Salleh	Pembangunan Objek Pembelajaran bagi P&P Sains Tingkatan 3 Berasaskan Joomla	2011
12.	Internal examiner	Fatimah bt. Hishamuddin	Pembangunan dan Penilaian Koswer Multimedia Bagi Topik Elektrokimia Berdasarkan Pendekatan Inkuiri.	2011
13.	Internal examiner	Awis Rumaisya bt. Azizan	Framework for a Speaking Skill Courseware for Undergraduate Students	2013
14.	Internal examiner	Nada Mansour F Aljuaid	The Readiness of HE in the Implementation of Mobile Learning Case Study of Saudi University	2013
15.	Internal examiner	Mohd Amerul Akmal b. Mohd Yunos	Pembelajaran Kolaboratif dalam Persekitaran Autentik bagi Pembentukan Kemahiran Proses Sains Asas Prasekolah Berbantuan Teknologi Apps	2015
16.	Internal examiner	Radhiah bt. Ab. Rahim	Video-Based Learning Framework Embedded with Cognitive Conflict Strategies for Fostering Students' Conceptual Change.	2016
17.	Internal examiner	Gopal a/l R. Mahalingam	Permainan Interaktif Literasi Membaca Bagi Meningkatkan Kemahiran Membaca Murid Linus Tegar	2017
18.	Internal examiner	Hemanathan Harikrishnan	Keberkesanan Aplikasi Permainan Interaktif Matematik dalam Meningkatkan Pencapaian dan Motivasi Murid Pemulihan	2017
19.	Internal examiner	Nurul 'Izzati binti Hamizan	Framework of Video Learning Practices to Enhance Students Critical Thinking	2017
20.	Internal examiner	Charles Agjebu Nimibofa Johnson	Computational Thinking In Engineering Education	2018
21.	Internal examiner	Nor Azlinda Binti Azmi	A Study on Engineering Students' Motivation Towards Learning Programming	2019
22.	Internal examiner	Fasa Sarah bt. Salim	Kesan Perancah Metakognitif dalam Pembelajaran Kolaboratif Berbantuan Komputer Terhadap Regulasi Perkongsian Sosial dan Pencapaian Pelajar	2019
23.	Internal examiner	Nor Azlinda bt. Azmi	A Study on Engineering Students' Motivation Towards Learning Programming	2019
24.	Internal examiner	Siti Rohani binti Ismail	Kesan Siberterapi 3D Menggunakan Model Pembelajaran Motor Terhadap Pemulihan Pesakit Strok Tangan	2021
25.	Internal examiner	Mahmoud Abed Mohammad Hamash	Combining Impactful Technology use With Impactful Gamification Use to Create The Flow State in ALEF Program for Steam Education	2023

**PhD Fast Track Student Examiner**

No.	Role	Students Name	Title	Year
1.	Internal Examiner	Noor Dayana bt. Abdul Halim	Personalized Learning Environment based on Cognitive Styles for Mental Model Development in Learning Chemical Bond	2012

**PhD Internal Examiner**

No.	Role	Students Name	Title	Year
1.	Internal Examiner	Tay Kien Huat	Sistem Pengurusan Disiplin dan Kaunseling Pelajar Sekolah Secara Online	2011
2.	Internal Examiner	Noor Hamizah Hussain	The Effect of Simulation Supported Inquiry Based Tutorial Module on Students' Concept Understanding in Basic Electronic Circuit	2012
3.	Internal Examiner	Alsofyani Mohamed Modeef	Acceptance of Short Blended Online Training for Developing Faculties' Technological Pedagogical and Content Knowledge	2012
4.	Internal Examiner	Norhayati bt. Mohamed Nor	Development of A Classroom Instruction to Enhance Students' Conceptual Understanding in Data Communications and Networking	2012
5.	Internal Examiner	Danakorn Nincarean a/l Eh Phon	Augmented Reality Dalam Pembelajaran Sains di kalangan Pelajar yang Berbeza Keupayaan Visualisasi Spatial	2016
6.	Internal Examiner	Van Ngoc Sang	Information Technology and Indigenous Language Preservation A Case Study in The Melayu Cham Languages in Vietnam	2016
7.	Internal Examiner	Mageswaran a/l Sanmugam	Effectiveness of Gamification with Integration of Player Traits and Achievement, Engagement and Intrinsic Motivation to Enhance Science Learning	2017
8.	Internal Examiner	Al Shammari, Sultan Hammad M	A Developed Model for Determining the Factors That Influence on Students Usage of LMS in Saudies' Universities	2018
9.	Internal Examiner	Christina John	Polisi Teknologi Pendidikan dalam Pengajaran dan Pembelajaran di Institusi Pendidikan Guru Malaysia	2018
10.	Internal Examiner	Somaiyeh Vedadi	The Effect of Augmented Reality on Students Performance and Motivation	2018
11.	Internal Examiner	Hassan M M Abuhassna	Effectiveness of Distance Learning on Students' Satisfaction : Application of Transactional Distance Theory in Palestine	2019
12.	Internal Examiner	Nurul Shida bt. Noni	Enhancing Problem Solving in Integral Calculus Through Critical Thinking Learning Strategy Among Polytechnic Students	2019
13.	Internal Examiner	Mohd Fadzil bin Abdul Hanid	Aplikasi Augmented Realiti dengan Pemikiran Komputasional bagi Pembelajaran Geometri dalam Kalangan Pelajar Sekolah Menengah	2021
14.	Internal Examiner	Arshad bin Jais	Model Hubungan Pemikiran Kritis dengan Elemen Penyooalan Tiga Aras Perwakilan dalam Pembelajaran Kimia	2021
15.	Internal Examiner	Alserhan Sarah Saleh O	The Application of Third-Generation Learning Management Systems in Personal Learning Environments to Enhance Learners' Self-Regulations	2021

16.	Internal Examiner	Moayed Abdullah M. Alsayegh	Decision-making Activities among Saudi Football Referees using E-Module	2022
17.	Internal Examiner	Nurul Maziah Binti Mohd Barkhaya	Enhancing Preschool Children Literacy through Cognitive Ability and Behaviours via Holoread Cooperative Play Activity	2023
18.	Internal Examiner	Masarrah Binti Abdul Mutalib	Enhancing Students Critical Thinking using Authentic Learning Activities through Interaction in Facebook Discussion	2023

#### EXTERNAL EXAMINATION/ VIVA

Summary	
MSc. External Examiner	16
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#### MSc External Examiner

No.	Role	Students Name	Title	Year
1.	External examiner	Zilawati Roslinda bt. Mohd Zin (UTeM)	3D Visualization Developments For Chemistry Subject: Carbon Compound	2012
2.	External examiner	Zareena binti Rosli (UTeM)	The Development and Evaluation of Educational Game in Problem Based Learning in Learning Mathematics	2014
3.	External examiner	Nur Sahidah bt. Bashier (UTeM)	Development of Science Courseware Through Puzzle-Based Game : FunTime Learning Science	2014
4.	External examiner	Kogilathah a/p Segaran (UPSI)	The Effectiveness of Modality Principle on 3D Talking-Head Linguistic Learning Aid on Pronunciation Among Tertiary Level Students	2014
5.	External examiner	Su Shi Mei (UMS)	Creativity Chemistry Learning System on Improving Creativity of Form Four Students in Sibu, Sarawak	2016
6.	External examiner	Meor Mohd Fahmi Bin Idris (USM)	Penggunaan Aplikasi Atas Talian Berasaskan Permainan Meningkatkan Penguasaan, Motivasi dan Penglibatan Murid dalam Pembelajaran Kosa Kata Bahasa Melayu	2017
7.	External examiner	Chong Yiew Lung (USM)	Kepentingan Literasi Digital Terhadap Pembelajaran Abad Ke 21 Bagi Pelajar Sekolah Menengah Di Sarawak	2018
8.	External examiner	Adura Hani Bt Abdul Ghani (USM)	Keberkesanan Aplikasi AI Quran dalam Meningkatkan Kemahiran Berfikir Aras Tinggi (KBAT) dan Pencapaian Dalam kalangan Pelajar Tahfiz Model Ulul Albab (TMUA)	2018
9.	External examiner	Mazlifah Bt Mustaffa (USM)	Persepsi, Sikap dan Kesiediaan dalam kalangan Guru Sekolah Menengah Terhadap Penggunaan Aplikasi Mobail dalam PDPC	2018
10.	External examiner	Nor Hafizah Bt Zulkiflee (USM)	Kajian Faktor Penerimaan dan Keberkesanan Penggunaan Aplikasi Web 2.0 dalam Kalangan Pelajar di Sebuah Institut Pengajian Tinggi di Utara Malaysia	2018
11.	External examiner	Kitha a/p Muniandy (USM)	Keberkesanan Penggunaan Kaedah Peta Pemikiran I-Think terhadap Kemahiran Berfikir Aras Tinggi dan Tahap Motivasi Intrinsik Murid dalam Pembelajaran Sains Tingkatan 1	2019
12.	External examiner	J.Soosiamaal A/P Joseph Thomas (UPM)	Faktor Peramal Penggunaan E-Pembelajaran dalam Kalangan Guru PTV Sekolah Menengah	2021

13.	External examiner	Sharmini Marilyn Balakrishnan (UOM)	Mediating Role of e-Learning Quality Between Organizational Learning and e-Learning Use among Corporate E-Learners in a Malaysian Company	2021
14.	External Moderator	Samli a/p Chan	Pembinaan Piawai Kompetensi Guru Abad-21	2021
15.	External Moderator	Ng See Tien	A Study on Adoption of Cloud Based Virtual Learning & Testing Environment in Industry	2021
16.	External examiner	Ummie Haniffah Binti Ariffin	The Effects of Learners' Perception towards AR Objects Quality on Learners' Technology Acceptance in Physical Exercise	2023

#### PhD External Examiner

No.	Role	Students Name	Title	Year
1.	External Examiner	Satar Habib Mnaath (USM)	The Effects Of Cognitive Load In Collaborative Mobile Learning Activities On Students' Engagement And Performance In Iraqi Universities	2015
2.	External Examiner	Nadia Bt Abdul Wahab (USM)	The Effects Of Personalized Multimedia Pps On Knowledge And Perceived Awareness Of Cyber Bullying Among Adolescents	2015
3.	External Examiner	Nur Azlina bt Mohamed Mokmin (USM)	The Development and Application of Personalized Learning Using a Profiling Algorithm for Polytechnic Students in Learning Algebra	2016
4.	External Examiner	Riyad A.H Ayyad (USM)	Effects of Handheld Augmented Reality Antecedents, Experience and Consequences on Students' Awareness of Stroke	2016
5.	External Examiner	Leow Choy Khim (USM)	The Effects of Auditory Processing in a Mobile-Assisted Language Learning Environment, USM	2016
6.	External Examiner	Che Ku Nuraini bt Che Ku Mohd (UTeM)	Integrated Learning Styles Using Personalized Learning Environment (PLE) Approach	2016
7.	External Examiner	Nehad T. A. Ramaha (USM)	The Extraction, Validation and Evaluation of Motivational Tactics Rules to Sustain and Enhance the Learners' Motivation During the Learning Process Within a Web-Based Intelligent Tutoring System	2017
8.	External Examiner	Alblowi Mansour Salehs (USM)	Determinants of Mobile Learning Adoption in The Public Universities in Saudi Arabia : The Mediating Role Of Attitudes	2017
9.	External Examiner	Shaarani Mahmood (USM)	Permodelan Hubungan Faktor-Faktor Kerjaya Dengan Integrasi Ict Terhadap Amalan Pengajaran Berinovasi Dalam Kalangan Guru Cemerlang	2017
10.	External Examiner	Malathi Letchumnanan (USM)	Exploring and Understanding the Use of Mathematics Mobile e-Book Among Postgraduate Students	2017
11.	External Examiner	Wong Ai Chin (USM)	The Effects of Using Visual Signalling Principle in a Virtual Reality Environment on Students' Performance, Cognitive Load and Perceived Motivation	2017
12.	External Examiner	Nur Ain Redzali (USM)	Keberkesanan Mesej Pembujukan Multimedia Mobil Terhadap Tingkahlaku Merokok	2017
13.	External Examiner	Noraini Bt. Talib (UKM)	Pengintegrasian Penyelesaian Masalah Kreatif Dengan Teknologi Dalam Pengajaran dan Pembelajaran Pengaturcaraan Komputer	2018
14.	External Examiner	Hani M.A. AlHasani (USM)	The Effects of Flipped Learning with Peer Instruction on ESL Students' Engagement and Reading Comprehension	2018

15.	External Examiner	Alshammari Bader Farhan (USM)	An Investigation Of Teachers' Behavioural Intentions to Adopt Mobile Learning in Primary Education In Saudi Arabia	2018
16.	External Examiner	Fatemeh Habibian Naeini (USM)	An Analysis of Quality Of Delivery and Students' Level of Engagements in USM-Developed Video Lectures	2018
17.	External Examiner	Hani M.A. Alhasani (USM)	The Effects of Flipped Learning with Peer Instruction on ESL Students' Engagement and Reading Comprehension	2018
18.	External Examiner	Dur E Najaf Zaibi (USM)	The Development and Impact of Islamic Studies ICT Module for Secondary Schools in Pakistan	2019
19.	External Examiner	Azura Ishak (UKM)	Pembangunan Modul ReSt Menggunakan Pendekatan Empat Langkah Berasaskan Contoh Kajian Kes dan Infografik bagi Pengguna Novis SPSS	2019
20.	External Examiner	Alvin Auh Min Han (UMS)	Exploring The Technology Acceptance of Blended Learning Via The Comparison of E-Learning Policy Implementation of Two Universities In Malaysia and Vietnam	2019
21.	External Examiner	Adele Kam Hwei Ting (USM)	The Effect Of Gamification On Motivation And Engagement In A Learning Management System Environment	2020
22.	External Examiner	Adu Ifedayo Emmanuel (USM)	Lecturers Acceptance Of Podcast In South-West Nigeria Federal Universities	2020
23.	External Examiner	Mariam Nainan A/P T. K. Nainan (UPSI)	Visualised Worked Examples For Learning Introductory Programming At Tertiary Level	2020
24.	External Examiner	Azam Majooni Golkhatmi (USM)	The Design And Evaluation of Information Visualization for Scholarly Databases to Reduce Cognitive Overload and Improving Comprehension	2020
25.	External Examiner	Alosaimi Mutlaq Ayed S (USM)	Factors Affecting Use Behaviour or Gamified Online Learning Activities by School Teachers in Saudi Arabia	2021
26.	External Examiner	Ahmad Sharani Bin Abdul Seliban (USM)	Pembangunan dan Penilaian Keberkesanan Modul Pembelajaran Inoskep untuk Kursus Pentadbiran Perniagaan di IPG	2021
27.	External Examiner	Yunusa Abdullahi Abubakar (USM)	The Effect of Quality, Interaction, Motivation, and User-Characteristics on Students' Satisfaction and Learning in an e-Learning Environment	2021
28.	External Examiner	Chen Kin Meng (Multimedia University - MMU)	Gamified Learning Framework for Improving Recycling Intention among Youth	2022
29.	External Examiner	Nhor Sanhei (USM)	Teaching Narrative Essay Writing using Task Based Flipped Classroom to Investigate Students' Perceived Engagement and Performance among Cambodian High School Students	2022
30.	External Examiner	Alosaimi Mutlaq Ayed (USM)	Factors Affecting the Use of Gamification in Online Learning Activities among School Teachers in Saudi	2022
31.	External Examiner	Murugesu a/l Supermaniam (USM)	Keberkesanan Pembangunan Aplikasi Mobile Permainan Pendidikan P-KSSMPK bagi Murid Masalah Pembelajaran dalam Topik Pecahan	2022
32.	External Examiner	Muhammad Aminuddin Akmal bin Mohd Hamizi (USM)	The Effectiveness of a Virtual Reality Technology in Training Students by Assessing the Motivation, Motor Performance Scores and Technology Acceptance	2023
33.	External Examiner	Mirvat A H Almassri (USM)	The Effectiveness of Flipped Classroom towards Critical Thinking Skills, Motivation and Achievement in Learning Computer Programming Course among Undergraduate Students	2023

## PUBLICATIONS

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### ISI Article / Journal

No.	Acticle Title	Journal	ISSN	Vol	Issue	Page	Year	IF	Type/ Category	Quartile
1.	Andragogy and Pedagogy Learning Model Preference among Undergraduate Students	Procedia of Social and Behavioral Sciences Journal	1877-0428	56	2012	673-678	2012	-	WoS Article Journal	-
2.	Relationship between Teachers' ICT Competency, Confidence Level, and Satisfaction toward ICT Training Programmes: A Case Study Among Postgraduate Students	TOJET- Turkish Online Journal of Educational Technology	1303-6521	11	1	138-144	2012	1.016	WoS Article Journal	Q2
3.	Pattern of reflection in learning Authoring System through blogging	Computers & Education	0360-1315	69	-	356-368	2013	2.95	WoS Article Journal	Q1
4.	A Predictive Model to Evaluate Students Cognitive Engagemet in Online Learning	Procedia of Social and Behavioural Sciences Journal	1877-0428	116	-	4844 - 4853	2014		WoS Article Journal	-
5.	Exploring Students' Knowledge Construction	Educational Technology and Society	1436-4522	17	4	216-228	2014	1.17	WoS Article Journal	Q2

	Strategies in Computer-Supported Collaborative Learning Discussions using Sequential Analysis									
6.	Learning English Vocabulary Using Web-Based Leitner Box with Social Network	Jurnal Teknologi (Sciences & Engineering)	0127-9696	77	33	157-169	2015	-	WoS Article Journal	-
7.	Argumentative Knowledge Construction Process In Social Collaborative Learning Environment Towards Students Higher Order Thinking Skills	Pertanika Journal of Social Sciences & Humanities	0128-7702	25	S	361-372	2017	-	WoS Article Journal	-
8.	Investigating The Level of Scientific Creativity of Science Students	Advanced Science Letters	1936-6612	23	9	8247 - 8250	2017	-	WoS Article Journal	-
9.	Analysis of Student's Conception on Neutralisation: A Qualitative Study	Advanced Science Letters	1936-6612	23	9	8164 - 8169	2017	-	WoS Article Journal	-
10.	Integrating Authentic Learning Practice to Develop Problem Solving Competency in Learning Electrolysis	Advanced Science Letters	1936-6612	23	9	8325 - 8329	2017	-	WoS Article Journal	-
11.	Cultivating Higher Order Thinking Skills In a Science Classroom Through Mobile-Problem Based Science	Advanced Science Letters	1936-6612	23	9	8290 - 8297	2017	-	WoS Article Journal	-

	Dictionary Application									
12.	The effect of Mobile problem-based learning application DicScience PBL on students' critical thinking	Thinking Skills and Creativity	1871-1871	28		177-195	2018	1.655	WoS Article Journal	Q2
13.	Asking Questions About Scientific Problem: An Analysis of Cognitive Level of Question Among Science Students	Advanced Science Letters	1936-6612	24	6	4273 - 4275	2018	-	WoS Article Journal	-
14.	Implementation of Game-Based Learning to Enhance Students' Problem Solving Skills-A Meta Analysis	Advanced Science Letters	1936-6612	24	6	4474 - 4477	2018	-	WoS Article Journal	-
15.	Utilizing Concept Map of the Social Presence Characteristics in Social Collaborative Learning Environment for Nurturing Engineering Students' Knowledge Construction Levels	Advanced Science Letters	1936-6612	24	6	4561-4564	2018	-	WoS Article Journal	-
16.	The Development and Students' Perception on Mobile Problem Based Learning (PBL) Science Dictionary Application	Advanced Science Letters	1936-6612	24	1	6 - 9	2018	-	WoS Article Journal	-
17.	Constructivist Digital Game-Based Learning Courseware for Slow Learners with Numeracy Difficulties	Environment-Behaviour Proceedings Journal	2398-4287	6	-	75-80	2021	-	WoS Article Journal	-

18.	Students Engagement and Development of Generic Skills in Gamified Hybrid Service-Learning Course	International Journal of Emerging Technologies In Learning (iJET)	1863-0383	16	24	220-243	2021	-	WoS Article Journal	-
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### Scopus Article / Journal

No.	Article Title	Journal	ISSN	Vol	Issue	Page	Year	IF	Type/Category	Quartile
1.	The decomposed theory of planned behavior to explain pre-service teacher decisions to accept web 2.0 technologies	Journal of Energy Education Science and Technology Part B: Social and Educational Studies	1308-7711	5	1	207 - 226	2013	-	Scopus Article Journal	-
2.	Scientific Problem Solving Competency of Real Life Task in Learning Electrolysis	Man in India	0025-1569	97	13	275-283	2017	-	Scopus Article Journal	-
3.	Understanding Learners' Persistence and Engagement in Massive Open Online Courses: A Critical Review for Universiti Teknologi Malaysia	Man in India	0025-1569	97	12	147-157	2017	-	Scopus Article Journal	-
4.	The Mastery of Physics' Scientific Terms in Form 2 Science Subject: A Preliminary Study in Initiatives to Improve HOTS Among Students	Man in India	0025-1569	97	12	119-128	2017	-	Scopus Article Journal	-
5.	Student Mastery of Scientific Inquiry Skills: A Preliminary Study	Man in India	0025-1569	97	12	169-175	2017	-	Scopus Article Journal	-
6.	Competency Based Learning in Online	Man in India	0025-1569	97	12	193-202	2017	-	Scopus Article Journal	-

	Learning Environment: A Review.									
7.	Characteristics of Critical Thinking Skills Instruments in Digital Game: Factor Analysis	Man in India	0025-1569	97	12	41-51	2017	-	Scopus Article Journal	-
8.	Online interaction in social learning environment towards critical thinking skill: A framework	Journal of Technology and Science Education	2013-6374	9	1	4-12	2019	-	Scopus Article Journal	-
9.	Exploring The Digital Game-Based Elements In Mathematics Education: A Meta-Analysis Review	Universal Journal of Educational Research	2332-3213	7	A9	106-116	2019	-	Scopus Article Journal	-
10.	A Review on The Classification of Students' Interaction in Online Social Collaborative Problem-Based Learning Environment: How Can We Enhance The Students' Online Interaction?	Universal Journal of Educational Research	2332-3213	7	A9	125-134	2019	-	Scopus Article Journal	-
11.	Technical And Implementation Barriers To Adapt Digital Game-Based Learning In Remedial Education: A Needs Analysis	International Journal of Recent Technology and Engineering (IJRTE)	2277-3878	8	IC2	94-98	2019	-	Scopus Article Journal	-
12.	Students Engagement & Development of Generic Skills In Gamified Hybrid Service-Learning Course	International Journal of Emerging Technologies In Learning (IJET)	1863-0383	16	24	220-243	2021	-	Scopus Article Journal	-
13.	Problem Based Learning to Enhance Students Critical	Asian Social Science Journal	1911-2017	15	1	14-23	2019	-	ERA Article Journal	

	Thinking Skill via Online Tools									
14.	Design and Learning Strategies Applied in Mooc: A Meta-Analysis	Sains Humanika	2289-6996	9	1-4	71-76	2017	-	MyCITE Article Journal	
15.	Penggunaan Permainan Digital Dalam Pembelajaran Bilik Darjah Bagi Meningkatkan Kreativiti Dalam Penyelesaian Masalah Matematik	Sains Humanika	2289-6996	10	3-2	39-45	2018	-	MyCITE Article Journal	
16.	Gamification Elements and Students' Collaborative Problem-Solving Skills: A Literature Analysis	International Journal of Academic Research in Business and Social Sciences	2222-6990	13	4	690-700	2023		ERA Article Journal	
17.	The Efficacy of Authentic-based Multimedia Learning on Students' Performance, Cognitive and Behavioral Engagement Level in Nigerian Higher Institutions	International Journal of Academic Research in Business and Social Sciences	2222-6990	13	2	1421-1438	2023		ERA Article Journal	

#### Non-Indexed Article / Journal

No.	Article Title	Journal	ISSN	Vol	Issue	Page	Year	Type/Category
1.	Designing Web-based Instruction: Learners' Perspectives	Jurnal Teknodik	2088-3978	10	6		2002	Non-Indexed Article Journal
2.	Design and Development of a User-friendly and Interactive Multimedia Courseware for Adult Learners	Innotech Journal	0115-7418	27	2		2003	Non-Indexed Article Journal
3.	Promoting Problem-Based Learning (PBL) in Engineering Courses at the	Global Journal of Engineering Education	1328-3154	9	2	175-184	2005	Non-Indexed Article Journal

	University of Technology, Malaysia							
4.	Faktor Penggunaan Komputer dan Kaitannya dengan Kesediaan Mengikuti Pembelajaran dalam Talian Di Kalangan Pelajar Sarjana	Jurnal Teknologi	1823-7843	44	E	75-91	2006	Non-Indexed Article Journal
5.	Learning Goal Programming Using an Interactive Multimedia Courseware	Malaysian Online Journal of Instructional Technology	1823-1144	3	1	85-95	2006	Non-Indexed Article Journal
6.	Learning "Goal Programming" Using an Interactive Multimedia Courseware: Design Factors and Students' Preferences	Journal of Educational Multimedia and Hypermedia	1055-8896	17	1	59-79	2008	Non-Indexed Article Journal
7.	Penggunaan Alat Rangkaian Sosial di Kalangan Pelajar di sebuah IPTS di Kota Kinabalu, Malaysia	Jurnal Teknologi Pendidikan Malaysia	1394-1801	1	1	31-47	2011	Non-Indexed Article Journal
8.	Students Expectations Towards Online Collaborative Learning Environment	Procedia of Social and Behavioral Science Journal	1877-0428				2012	Non-Indexed Article Journal
9.	An Integrated Analytical Model to Gain Knowledge from Students Online Learning	Procedia of Social and Behavioral Science Journal	1877-0428				2012	Non-Indexed Article Journal
10.	Enhancing And Assessing Student Teachers' Creativity Using Brainstorming Activities And ICT-Based Morphological Analysis Method	Academic Research International Journal	2223-9553	2	1	241-250	2012	Non-Indexed Article Journal
11.	A Theoretical Framework for Assessing Students Cognitive	International Journal of Machine Learning and	2010-3700	2	5	654-657	2012	Non-Indexed Article Journal

	Engagement through Computer-supported Collaborative Learning	Computing						
12.	Learning computer-based subject through apps among adult learners: A small scale study	Energy Education Science and Technology Part B: Social and Educational Studies	1537-1550	5	3	788-793	2012	Non-Indexed Article Journal
13.	Instructional Engineering for Acceptance of Web 2.0 Technologies to Promote Critical Thinking	International Journal of Future Computer and Communication	2010-3751	2	3	174-178	2013	Non-Indexed Article Journal
14.	The Relationship between Adult Learning Styles and Creative Learning Behaviour among Student Teachers of a Public University in East Malaysia	Journal Pemikir Pendidikan	1985 – 3637	3	-	87-101	2013	Non-Indexed Article Journal
15.	Penggunaan Pembelajaran Berasaskan Permainan Bagi Meningkatkan Kemahiran Penyelesaian Masalah Kreatif Dalam Matematik	Jurnal Pendidikan Nusantara	0228-99375	-	-	122-136	2016	Non-Indexed Article Journal
16.	Supporting Student's Higher Order Thinking Skills : Analysis on How To Design Problem Based Learning Approach in Mobile Learning Environment	Malaysian Journal Of Higher Order Thinking Skills In Education (MJHOTS)	2462-2397	2	-	142-168	2017	Non-Indexed Article Journal
17.	Pelaksanaan Pembelajaran Berasaskan Projek Ke Arah Penghasilan Pelajar Berkemahiran Berfikir Aras Tinggi	Malaysian Journal of Higher Order Thinking Skills In Education (MJHOTS)	2462-2397	3		25-53	2017	Non-Indexed Article Journal
18.	The Use of Scenario Epistemic Game and Socio-Collaborative Discussion	Jurnal Pendidikan	1394-1801	1	1	98-111	2017	Non-Indexed Article Journal

	Towards Test Achievement							
19.	Systematic Mapping Studies On Argumentative Knowledge Construction Process In Social Collaborative Learning Environment Towards Students Higher Order Thinking Skills	Innovative Teaching and Learning Journal	2600-8572	1		13-28	2017	Non-Indexed Article Journal
20.	Process And Potential Factors To Develop Problem Solving Competency In Learning Electrolysis	Sains Humanika	2289-6996	9	1-4	77-81	2017	Non-Indexed Article Journal
21.	Validity and Reliability of Digital Games-Featured Instrument Towards Critical Thinking Using The Rasch Model Measurement	International Journal of Simulation Systems, Science & Technology	1473-804x	18	2	7.1-7.5	2017	Non-Indexed Article Journal
22.	Kemahiran Berfikir Kritis Melalui Permainan Digital dalam Persekitaran Pembelajaran Konstruktivisme Sosial	International Journal of Education, Psychology and Counseling	0128-164x	4	28	78-83	2019	No Non-Indexed Article Journal
23.	Kesan Pembelajaran Inkuiri Berasaskan Web (PIBW) Terhadap Efikasi Kendiri Tpack (TPACK-SE) Guru Pra-Perkhidmatan	Innovative Teaching and Learning Journal (ITLJ)	2600-8572	2	2	59-70	2019	Non-Indexed Article Journal
24.	Pembelajaran Berasaskan Masalah Menerusi Teknologi Web 2.0 dalam Mata Pelajaran Sains dan Kesannya Terhadap Tahap Kemahiran Berfikir Aras Tinggi Pelajar	Innovative Teaching and Learning Journal (ITLJ)	2600-8572	3	2	15-29	2020	Non-Indexed Article Journal
25.	The Impact of Using @Vis-Mole Software on Students	Innovative Teaching and Learning Journal (ITLJ)	2600-8572	4	2	22-29	2020	Non-Indexed Article Journal

	Achievement In Sports Skills							
26.	Effects of Computer-Based Teaching Strategy on The Academic Performance of Financial Accounting Students In Nigeria	International Journal of Innovative Science And Research Technology	2456-2165	6	7	195-199	2021	Non-Indexed Article Journal
27.	Authentic-Based Multimedia as Determinant of Learning Success among Accounting Education Students in Tertiary Institutions in Southwest Nigeria	Baltic Journal of Law & Politics	2029-0454	15	1	997-1010	2022	Non-Indexed Article Journal
28.	The Benefits of Implementing Authentic-Based Multimedia Learning in Higher Education Institutions	Open Journal of Social Sciences	2327-5960	10	-	74-86	2022	Non-Indexed Article Journal

#### Indexed Conference / Proceedings

No.	Type	Conference / Proceedings	Title	Year	Author
1.	Indexed Conference / Proceedings (Scopus)	The Australasian Society for Computers in Learning in Tertiary Education (ASCILITE)	A Survey On Online Teaching Preferences Among Pre-Service Teachers In Malaysia : Andragogy Vs Pedagogy	2008	Zaidatun Tasir, Norah Md Noor, Jamalludin Harun & Nurul Syazwani Ismail
2.	Indexed Conference / Proceedings (Scopus)	International Conference on Teaching and Learning in Computing and Engineering, (Latice)	Effects of CSCL Learning Approach For Students' Knowledge Construction Process In School Based Assessment (SBA) Environment	2014	Suhaizal Hashim & Jamalludin Harun
3.	Indexed Conference / Proceedings (Scopus)	International Conference on Teaching and Learning in Computing and Engineering, (Latice)	Problems in Learning Movement Skills Among Students in Higher Education	2014	Adjah Naqkiah Mazlan, Jamalludin Harun & Zainal Abidin
4.	Indexed Conference / Proceedings (Scopus)	International Conference on Teaching and Learning in Computing and Engineering, (Latice)	Application of The Pedagogical and Andragogical Model in Web-Based Learning Instruction Among Non-Major Computer Science Students Learning Programming	2014	Norah Md Noor, Jamalludin Harun & Baharuddin Aris
5.	Indexed Conference / Proceedings (Scopus)	International Conference on Teaching and Learning in Computing and Engineering, (Latice)	Investigating Students Reflective Thinking Level in Online Discussion Forum	2014	Jamalludin Harun & Norhasyimah Hamzah
6.	Indexed Conference / Proceedings (Scopus)	IEEE Conference on Open Systems (ICOS)	CSCL Learning Approach for Students Knowledge Construction Process in School Based Assessment (SBA) Environment: An Observation	2014	Suhaizal Hashim & Jamalludin Harun

7.	Indexed Conference / Proceedings (Scopus)	IEEE International Conference on Engineering Education (ICEED)	Instructional Scaffolding in Online Collaborative Learning Environment for Knowledge Construction among Engineering Students	2014	Tan May Ling & Jamalludin Harun
8.	Indexed Conference / Proceedings (Scopus)	IEEE International Conference on Engineering Education (ICEED)	The Effects of Scenario-Epistemic Game Approach on Professional Skills and Knowledge among Chemical Engineering Students	2014	Kho Pui Wun & Jamalludin Harun
9.	Indexed Conference / Proceedings (Scopus)	International Conference on Information and Communication Technology (ICoICT)	Students' task related assessment: Does knowledge construction process through CSCL learning environment obliging?	2015	Suhaizal Hashim & Jamalludin Harun
10.	Indexed Conference / Proceedings (Scopus)	The International Conference on Learning and Teaching in Computing and Engineering (LaTiCE)	A Meta-Analysis on Students' Argumentative Knowledge Construction Process in Social Collaborative Learning Environment	2015	Siti Nur Khadijah Aishah Ibrahim & Jamalludin Harun
11.	Indexed Conference / Proceedings (Scopus)	IEEE Conference on e-Learning, e-Management and e-Services (IC3e)	Systematic Mapping Studies on Argumentative Knowledge Construction Analysis Frameworks Towards Improving Students' Higher Order Thinking Skills	2015	Siti Nur Khadijah Aishah Ibrahim & Jamalludin Harun
12.	Indexed Conference / Proceedings (Scopus)	IEEE Conference on e-Learning, e-Management and e-Services (IC3e)	A Meta-analysis on Students' Social Collaborative Knowledge Construction using Flipped Classroom Model.	2015	Ang Swee Wen, Norasyikin Mohd Zaid & Jamalludin Harun
13.	Indexed Conference / Proceedings (Scopus)	IEEE International Conference on Engineering Education (ICEED)	Enhancing Students ICT Problem Solving Skills Using Flipped Classroom Model	2016	Ang Swee Wen, Norasyikin Moh Zaida, Jamalludin Harun
14.	Indexed Conference / Proceedings (Scopus)	International Technology, Education and Development Conference	Supporting Students Critical Thinking With a Mobile Learning Environment: A Meta-Analysis	2016	Jamalludin Harun, Nurul Syazwani Ismail, Shaharuddin Md Salleh, Megat Aman Zahiri Megat Zakaria
15.	Indexed Conference / Proceedings (Web of Science)	IEEE International Conference on Engineering Education: Enhancing Engineering Education Through Academia-Industry Collaboration (ICEED)	Enhancing students ICT problem solving skills using flipped classroom model	2017	Ang Swee Wen, Norasyikin Mohd Zaid & Jamalludin Harun
16.	Indexed Conference / Proceedings (Scopus)	International Conference on Learning and Teaching in Computing and Engineering, (LaTiCE)	The Effect of Mobile Problem-Based Science Dictionary Application DicScience PBL towards Students' Mastery of Scientific Terms and Critical Thinking	2017	Nurul Syazwani Ismail, Jamalludin Harun, Shaharuddin Md Salleh, Megat Aman Zahiri Megat Zakaria
17.	Indexed Conference / Proceedings	International Conference on Learning and Teaching in Computing and Engineering,	Students' Types of Argumentative Knowledge Construction Process in Social Collaborative Learning	2017	Siti Nur Khadijah Aishah Ibrahim & Jamalludin Harun

	(Scopus)	(LaTiCE)	Environment		
18.	Indexed Conference / Proceedings (Scopus)	International Conference on Learning and Teaching in Computing and Engineering, (LaTiCE)	The Effect of Scenario-Epistemic Game on Higher Order Thinking Skills among High School Chemistry Students in Malaysia	2017	Kho Pui Wun & Jamalludin Harun
19.	Indexed Conference / Proceedings (Scopus)	International Conference on Industrial Engineering and Operations Management	Towards a conceptual framework for service-learning in online learning environment	2018	Azizah Yusof, Nor Azean Atan, Jamalludin Harun
20.	Indexed Conference / Proceedings (Scopus)	ASEE Annual Conference and Exposition	Methods to study elements of the instructional scaffolding strategy model for enhancing engineering students' knowledge construction in an online social collaborative learning environment	2018	Tan May Ling & Jamalludin Harun
21.	Indexed Conference / Proceedings (Scopus)	IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE)	Developing Higher Order Thinking Skill with the 120-Minute Instructional Station Rotation (MRSP120) Approach: Students' Perceptions	2018	Suhani Zakaria Othman Norasyikin Mohd Zaid, Jamalludin Harun & Zaleha Abdullah
22.	Indexed Conference / Proceedings (Scopus)	IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE)	An Overview of Computing Pedagogy Using the Flipped Classroom Model in Malaysian Education	2018	Ang Swee Wen, Norasyikin Mohd Zaid & Jamalludin Harun
23.	Indexed Conference / Proceedings (Scopus)	IEEE International Conference On Engineering Education (ICEED)	The Effects of a Serious Game Activity and Learning Tasks on Students Motivation Towards Reading Skill	2019	Anas Hanandeh, Zaleha Abdullah, Jamalludin Harun
24.	Indexed Conference / Proceedings (Scopus)	IEEE International Conference on Teaching, Assessment, and Learning For Engineering (TALE)	An Overview of Computing Pedagogy Using The Flipped Classroom Model In Malaysian Education	2019	Ang Swee Wen, Norasyikin Mohd Zaid & Jamalludin Harun
25.	Indexed Conference / Proceedings (Scopus)	7 <sup>th</sup> International Conference on Information and Communication Technology, (ICOICT)	Online Tools For Collaborative Learning To Enhance Students Interaction	2019	Wan Nur Tasnim Wan Hussin, Jamalludin Harun & Nurbiha A Shukor
26.	Indexed Conference / Proceedings (Web of Science)	International Technology, Education and Development Conference (INTED 2020)	Frameworks For Argumentative Knowledge Construction Process In Social Collaborative Learning Environment Towards Students Higher Order Thinking Skills	2020	Siti Nur Khadijah Aishah Ibrahim & Jamalludin Harun
27.	Indexed Conference / Proceedings (Web of Science)	International Technology, Education and Development Conference (INTED2021)	Students Interaction in Social Collaborative Problem-Based Learning Environment to Promote Students' Cognitive Performance	2021	Wan Nur Tasnim Binti Wan Hussin, Jamalludin Harun & Nurbiha A Shukor
28.	Indexed Conference / Proceedings (Web of Science)	IEEE International Conference on Teaching Assessment and Learning for Engineering (TALE 2021)	Students' Perception on Using Edmodo as Collaborative Problem-Based Learning Platform	2021	Wan Nur Tasnim Binti Wan Hussin, Jamalludin Harun & Nurbiha A Shukor
29.	Indexed Conference / Proceedings (Scopus)	IEEE International Conference on Teaching Assessment and Learning for Engineering (TALE 2022)	Development of Authentic-Based Multimedia Learning in African Higher Education Institutions: Prospect and Problems	2022	Olusola-Fadumiye, T.O., Jamalludin Harun, Megat Aman

					Zahiri Bin Megat Zakaria
30.	Indexed Conference / Proceedings (Scopus)	Lecture Notes In Networks and Systems	The Effects of Serious Games and Blended Learning on Students' Achievement in Reading Skill	2022	Anas Hanandeh, Zaleha Abdullah, Jamalludin Harun

#### Non-Indexed Conference / Proceedings

No.	Type	Conference / Proceedings	Title	Year	Author
1.	Non-Indexed Conference/ Proceedings	Proceedings of Seminar Pendidikan Sains dan Matematik & Program Penggalakkan Sains dan Teknologi	Multimedia dalam Pendidikan: Perspektif Jabatan Multimedia Pendidikan, Fakulti Pendidikan, UTM Skudai	1998	Wan Salihin Abdullah, Jamalludin Harun and Zaidatun Tasir
2.	Non-Indexed Conference/ Proceedings	Proceedings of the Malaysian Educational Technology Association Conference	Learning multiplication tables using karaoke technique	1998	Baharuddin Aris, Jamalludin Harun, Zaidatun Tasir and Manimegalai Subramaniam
3.	Non-Indexed Conference/ Proceedings	Proceedings of MERA-ERA Joint Conference	Implementation of a new information technology and multimedia oriented curriculum at Jabatan Multimedia Pendidikan, UTM	1999	Jamalludin Harun, Zaidatun Tasir and Manimegalai Subramaniam
4.	Non-Indexed Conference/ Proceedings	Proceedings of Konvensyen Pendidikan UTM 2000	Pengajaran dan Pembelajaran Maya Menerusi Teknologi Kawalan Komputer Jarak Jauh	2000	Mohamad Bilal Ali, Jamalludin Harun and Zaidatun Tasir
5.	Non-Indexed Conference/ Proceedings	Proceedings of Konvensyen Pendidikan UTM 2000	WEBCD: Alternative Media to Electronic Learning	2000	Baharuddin Aris, Jamalludin Harun and Zaidatun Tasir
6.	Non-Indexed Conference/ Proceedings	Seminar Pendidikan Kebangsaan: Teknologi dalam Pengajaran Pembelajaran di Alaf Baru	Teknologi Cakera Optik dan Kesannya Terhadap Sistem Pendidikan	2000	Jamalludin Harun dan Zaidatun Tasir
7.	Non-Indexed Conference/ Proceedings	Symposium of Online Learning (SOLE2)	Learners' Preferences in Information, Presentation, and Interaction Design for Web-Based Instructions	2001	Jamalludin Harun and Zaidatun Tasir
8.	Non-Indexed Conference/ Proceedings	7 <sup>th</sup> International Symposium on Open and Distance Learning and Information Technology, Problems and Promises	Designing Web-based Instruction: Learners' Perspectives	2001	Jamalludin Harun and Baharuddin Aris
9.	Non-Indexed Conference/ Proceedings	South East Asian Association for Institutional Research (SEEAIR) International Conference	Communication and Computer Technology Applications in Education: Universiti Teknologi Malaysia's Research and Development Experiences	2002	Baharuddin Aris, Mohd. Salleh Abu, Mohamad Bilal Ali and Jamalludin Harun
10.	Non-Indexed Conference/ Proceedings	CESA International Conference	Designing and Development of User-friendly Multimedia Courseware for Adult Learners	2003	Baharuddin Aris, Jamalludin Harun and Mohd. Najib Ghaffar

11.	Non-Indexed Conference/ Proceedings	Persidangan Pertama Antarabangsa UPSI-UPI	Pembangunan Perisian Multimedia Berasaskan Proses Pembelajaran Berasaskan Masalah dalam Subjek Sains Komputer	2004	Ibrahim Ahmad, Baharuddin b. Aris & Jamaluddin Harun
12.	Non-Indexed Conference/ Proceedings	Proceedings of Persidangan E-Pembelajaran Kebangsaan 2004	Pendapat Pelajar Terhadap Reka Bentuk Perisian Multimedia yang Berasaskan kepada Pendekatan Pembelajaran Konstruktivis	2004	Jamalludin Harun & Zaidatun Tasir
13.	Non-Indexed Conference/ Proceedings	Proceedings of Persidangan E-Pembelajaran Kebangsaan 2004	Merekabentuk Pembelajaran Berasaskan Masalah Menerusi Web Bagi Program Pendidikan Perguruan	2004	Jamalludin Harun, Baharuddin Aris & Mohamad Bilal Ali
14.	Non-Indexed Conference/ Proceedings	Conference on Engineering Education	Promoting Active Learning in Universiti Teknologi Malaysia: A Bottom Up, Top Down Approach	2004	Khairiyah Mohd Yusof, Jamalludin Harun & Mohd Salleh Abu
15.	Non-Indexed Conference/ Proceedings	International Symposium on E-Learning (ISEL 2005)	Problem Based Learning and E-Learning: A Case Study in Faculty of Education	2005	Jamalludin Harun, Zaidatun Tasir & Norah Md Noor
16.	Non-Indexed Conference/ Proceedings	International Symposium on E-Learning (ISEL 2005)	The Use of E-learning in Universiti Teknologi Malaysia: Effective Strategies That Have Been Identified	2005	Jamalludin Harun, Zaidatun Tasir, Baharuddin Aris, Mohd Fadzli Ali, & Mohd Nihra Haruzuan
17.	Non-Indexed Conference/ Proceedings	International Symposium on E-Learning (ISEL 2005)	A Framework for Personalized Web based Learning Management System	2005	Rashidi Johan, Che Soh Said, Zaidatun Tasir & Jamalludin Harun
18.	Non-Indexed Conference/ Proceedings	3 <sup>rd</sup> International Seminar on Learning and Motivation: Enhancing Student Engagement	Pembelajaran Berasaskan Masalah Menerusi Web: Kajian Ke atas Peningkatan Aras Keyakinan Pelajar Perguruan Fakulti Pendidikan, UTM	2005	Jamalludin Harun, Zaidatun Tasir & Baharuddin Aris
19.	Non-Indexed Conference/ Proceedings	3 <sup>rd</sup> International Seminar on Learning and Motivation: Enhancing Student Engagement	Pembelajaran Matematik Menerusi Perisian Multimedia Berasaskan Pendekatan Kecerdasan Pelbagai: Kajian ke atas Pola Interaksi dan Peningkatan Motivasi Pelajar	2005	Zaidatun Tasir & Jamalludin Harun
20.	Non-Indexed Conference/ Proceedings	Proceeding of 4th Asia-Pacific Forum on Engineering and Technology	Promoting Problem-Based Learning (PBL) in Engineering Courses at the University of Technology, Malaysia	2005	Khairiyah Mohd Yusof, Zaidatun Tasir, Jamalludin Harun, Syed Ahmad Helmi
21.	Non-Indexed Conference/ Proceedings	Proceeding of Workshop on Product Lifecycle Support and Training for Small and Medium Enterprises	Computer-Based Training in Small and Medium Enterprises	2005	Jamalludin Harun & Zaidatun Tasir
22.	Non-Indexed Conference/ Proceedings	Proceeding of Regional Conference On Engineering Education : Engineering Education - Meeting The Challenges of Graduates Employability (RCEE 2005)	Effective Strategies For Integrating E-Learning in Problem Based Learning For Engineering & Technical Education	2005	Zaidatun Tasir, Jamalludin Harun, Khairiyah Mohd Yusof, Syed Ahmad Helmi

23.	Non-Indexed Conference/ Proceedings	Seminar ICT dalam Pendidikan (ICT@edu 2005)	Keberkesanan penggunaan perisian multimedia interaktif dalam matapelajaran ICT menerusi pendekatan Pembelajaran Berasaskan Masalah	2005	Ibrahim Ahmad, Baharuddin Aris and Jamaluddin Harun
24.	Non-Indexed Conference/ Proceedings	Proceeding of Persidangan Serantau Pendidikan Bahasa Melayu	Penggunaan Bahasa Melayu Menerusi Kemudahan Komunikasi Digital : Satu Kajian Kes di Universiti Teknologi Malaysia	2005	Zaidatun Tasir, Jamalludin Harun, Mohamad Bilal Ali, Baharuddin Aris,
25.	Non-Indexed Conference/ Proceedings	Proceeding of 3 <sup>rd</sup> International Conference on University Learning and Teaching	Enhancing the Quality of Teaching and Learning in Higher Education through Problem-Based Learning	2006	Jamalludin Harun, Zaidatun Tasir, Khairiyah Mohd Yusof
26.	Non-Indexed Conference/ Proceedings	Proceeding of 3 <sup>rd</sup> International Conference On University Learning and Teaching	Development or e-Learning Related to Learning Computer Science, Information Technology and Multimedia: Universiti Malaysia's Experience	2006	Baharuddin Aris, Mohamad Bilal Ali, Jamalludin Harun, Zaidatun Tasir, Noor Azean Atan
27.	Non-Indexed Conference/ Proceedings	Proceeding of International Conference On Assessment (KLICA)	Challenges in Implementing Holistic and Authentic Assessment in Problem-based Learning in Universiti Teknologi Malaysia	2006	Khairiyah Mohd Yusof, Zaidatun Tasir, Jamalludin Harun, Syed Ahmad Helmi
28.	Non-Indexed Conference/ Proceedings	Proceeding of 6 <sup>th</sup> Asia Pacific Conference on Problem-based Learning	Inducting First Year Engineering Students into Problem-based Learning	2006	Khairiyah Mohd Yusof, Syed Helmi, Zaki Kamsah, Zaidatun Tasir, Jamalludin Harun
29.	Non-Indexed Conference/ Proceedings	Proceeding of 6 <sup>th</sup> Asia Pacific Conference on Problem-based Learning	The Effect of Problem-based Learning towards Students Performance in Authoring Language Subject	2006	Zaidatun Tasir, Jamalludin Harun, Khairiyah Mohd Yusof & Syed Ahmad Helmi Syed Hassan
30.	Non-Indexed Conference/ Proceedings	Proceeding of 6 <sup>th</sup> Asia Pacific Conference on Problem-based Learning	Integration of E-learning and Problem-based Learning: Extending the Learning Environment to Cyberspace	2006	Syed Ahmad Helmi Syed Hassan, Khairiyah Mohd Yusof, Kamaruddin Abdul Hamid, Zaidatun Tasir, & Jamalludin Harun
31.	Non-Indexed Conference/ Proceedings	Proceeding of 6 <sup>th</sup> Asia Pacific Conference on Problem-based Learning,	Best Practices of E-learning and Problem-based Learning in Faculty of Education, Universiti Teknologi Malaysia from Students Perspectives	2006	Zaidatun Tasir, Jamalludin Harun, Khairiyah Mohd Yusof & Baharuddin Aris
32.	Non-Indexed Conference/ Proceedings	Proceeding of 3 <sup>rd</sup> International Conference On University Learning and Teaching (INCULT)	Universiti Teknologi Malaysia's e-learning research and development experiences related to learning computer science, Information Technology and multimedia subjects	2006	Baharuddin Aris, Mohamad Bilal Ali, Jamalludin Harun, Zaidatun Tasir, Noor Azean Atan and Norah Md. Noor
33.	Non-Indexed Conference/ Proceedings	Proceeding of Seminar Kebangsaan Komunikasi Ketiga 2006: Ketrampilan Berkomunikasi,	A Study to Determine the Supporting Tools of Information and Communication Technology (ICT) in Creativity among Student	2006	Tan Choon Keong, Vincent Pang, Baharuddin Aris & Jamalludin Harun

		Kecemerlangan Organisasi	Teachers of a Public University in Sabah, Malaysia		
34.	Non-Indexed Conference/ Proceedings	Proceeding of Konvensyen Teknologi Pendidikan Ke 19: Rekabentuk, Pembangunan, Penggunaan dan Penilaian Teknologi Instruksional	Learning "Goal Programming" Using Multimedia: Design Factors and Students' Preferences	2006	Kok Boon Shiong, Maizah Hura Ahmad, Baharuddin Aris, Jamalludin Harun & Zaidatun Tasir
35.	Non-Indexed Conference/ Proceedings	Proceeding of Konvensyen Teknologi Pendidikan Ke 19: Rekabentuk, Pembangunan, Penggunaan dan Penilaian Teknologi Instruksional	Applying Andragogy and Enhancing Generic Skills in Technology Supported Learning of Multimedia Software Design Subject	2006	Baharuddin Aris, Mohd. Salleh Abu, Mohamad Bilal Ali, Jamalludin Harun, Zaidatun Tasir, Norah Md. Noor & Noor Azean Atan
36.	Non-Indexed Conference/ Proceedings	Proceeding of Konvensyen Teknologi Pendidikan Ke 19: Rekabentuk, Pembangunan, Penggunaan dan Penilaian Teknologi Instruksional Zaidatun Tasir, Jamalludin Harun, Nur Sakinah Mohd Isa & Norwarni Abdul Manap	Active Learning through Technology among Undergraduate's Students at Universiti Teknologi Malaysia	2006	Zaidatun Tasir & Jamalludin Harun
37.	Non-Indexed Conference/ Proceedings	Proceeding of Konvensyen Teknologi Pendidikan Ke 19: Rekabentuk, Pembangunan, Penggunaan dan Penilaian Teknologi Instruksional	Reka Bentuk Laman Web Interaktif Berasaskan Strategi Metakognitif bagi Mata Pelajaran Fizik Tingkatan Empat	2006	Zaidatun Tasir, Jamalludin Harun, Nur Sakinah Mohd Isa & Norwarni Abdul Manap
38.	Non-Indexed Conference/ Proceedings	Proceeding of Konvensyen Teknologi Pendidikan Ke 19: Rekabentuk, Pembangunan, Penggunaan dan Penilaian Teknologi Instruksional	Analysis: First Step in Designing Technology Supported Learning Environment to Enhance Generic Skills of Student Teachers	2006	Henry Goh, Baharuddin Aris & Jamaluddin Harun
39.	Non-Indexed Conference/ Proceedings	Proceeding of Konvensyen Teknologi Pendidikan Ke 19: Rekabentuk, Pembangunan, Penggunaan dan Penilaian Teknologi Instruksional	The Creativity Analyser (CRAN): Systems for Fostering Creativity, Measuring Creativity and Determining Learning Styles	2006	Baharuddin Aris, Jamaluddin Harun & Tan Choon Keong
40.	Non-Indexed Conference/ Proceedings	Proceeding of Konvensyen Teknologi Pendidikan Ke 19: Rekabentuk, Pembangunan, Penggunaan dan Penilaian Teknologi Instruksional	Web/PSS – Sistem Pengurusan Disiplin Pelajar Berdasarkan Pembelajaran Dewasa	2006	Hassan Siraj, Baharuddin Aris, Jamalludin Harun & Megat Aman Zahiri Megat Zakaria
41.	Non-Indexed Conference/ Proceedings	Proceeding of Konvensyen Teknologi Pendidikan Ke 19: Rekabentuk, Pembangunan, Penggunaan dan Penilaian Teknologi Instruksional	Penyeliaan Latihan Mengajar Menggunakan Konsep Pembelajaran Kolabratif	2006	Megat Aman Zahiri, Baharuddin Aris & Jamalludin Harun
42.	Non-Indexed Conference/ Proceedings	Proceeding of Konvensyen Teknologi Pendidikan Ke 19: Rekabentuk, Pembangunan, Penggunaan dan Penilaian Teknologi Instruksional	Tahap Kepuasan Pelajar Terhadap Penggunaan Sistem e-Pembelajaran Berasaskan Sumber Terbuka di Universiti Teknologi Malaysia	2006	Jamalludin Harun & Mohammed Noor Hasan
43.	Non-Indexed Conference/ Proceedings	International Conference on Literacy	Penyeliaan dalam Program Latihan Mengajar, UTM: Satu Tinjauan dari Aspek Pemarkahan.	2006	Megat Aman Zahiri Megat Zakaria, Baharuddin Aris, and Jamalludin Harun

44.	Non-Indexed Conference/ Proceedings	Proceeding of 1st International Malaysian Educational Technology Convention (IMETC 2007).	Penghasilan Modul Pembelajaran Berasaskan Teori Beban Kognitif Untuk Subjek Teknologi Maklumat Dan Komunikasi	2007	Sow Lee Sun, Zaidatun Tasir dan Jamalludin Harun
45.	Non-Indexed Conference/ Proceedings	Proceeding of 1st International Malaysian Educational Technology Convention (IMETC 2007).	Kemahiran ICT Di Kalangan Guru-Guru Pelatih UTM: Satu Tinjauan	2007	Megat Aman Zahiri Megat Zakaria, Baharudin Aris, Jamalludin Harun
46.	Non-Indexed Conference/ Proceedings	Proceeding of 1st International Malaysian Educational Technology Convention (IMETC 2007).	Enhancing Creativity: The Morphological Analysis Matrix Method	2007	Tan Choon Keong, Baharuddin Aris, Jamaluddin Harun
47.	Non-Indexed Conference/ Proceedings	Proceeding of Simposium Pengajaran dan Pembelajaran UTM 2007	Kajian Terhadap Penggunaan Sistem E-Pembelajaran Sebagai Media Perbincangan Projek Berkumpulan Pelajar	2007	Jamalludin Harun, Zaidatun Tasir & Norasykin Mohd Zaid
48.	Non-Indexed Conference/ Proceedings	Proceeding of Seminar Pendidikan Sains dan Matematik	Penilaian Perisian Multimedia Bertajuk Pythagoras Theorem Form Two Dari Aspek Reka Bentuk Dan Pencapaian Pelajar	2008	Zaidatun Tasir, Jamalludin Harun, Rasman Alip
49.	Non-Indexed Conference/ Proceedings	Proceeding of Seminar Pendidikan Sains dan Matematik	Tahap Kemahiran Metakognitif Pelajar dalam Menyelesaikan Masalah Matematik	2008	Zaidatun Tasir, Jamalludin Harun, Nur Wahida Zakaria
50.	Non-Indexed Conference/ Proceedings	Proceedings of the 1 <sup>st</sup> International Conference on Social Sciences and Humanities	Integrated System for Brainstorming and Measuring Creativity: Screen Design Principles	2008	Tan Choon Keong, Baharuddin Aris & Jamalludin Harun
51.	Non-Indexed Conference/ Proceedings	Proceedings of the 7 <sup>th</sup> Malaysia International Conference on English Language Teaching	Brainstorming using Computer in ELT: Screen Design Considerations	2008	Tan Choon Keong, Baharuddin Aris & Jamalludin Harun
52.	Non-Indexed Conference/ Proceedings	Proceedings of the 5 <sup>th</sup> International MIT Learning International Networks Consortium (LINC) Conference 2010.	Training and Measuring Creativity Using Computer-Based Morphological Analysis Method.	2010	Tan Choon Keong, Lee Kean Wah, Baharuddin Aris, & Jamaluddin Harun
53.	Non-Indexed Conference/ Proceedings	Proceeding Of International e-Learning Conference 2011 (IEC)	Investigating Students Cognitive Engagement in e-Learning.	2011	Nurbiha A. Syukur, Zaidatun Tasir & Jamalludin Harun
54.	Non-Indexed Conference/ Proceedings	Proceeding of The 10 <sup>th</sup> WSEAS International Conference on Education and Educational Technology	Students Perception towards the Use of Social Networking as an e-learning Platform.	2011	Zaidatun Tasir, Jamalludin Harun, & Nurbiha A. Shukor
55.	Non-Indexed Conference/ Proceedings	Proceeding of International Malaysian Educational Technology Convention	Persepsi, Penerimaan Dan Kemahiran Pensyarah Dalam Menggunakan Forum Atas Talian	2012	Zaidatun Tasir, Farah Alina Ludin, Jamalludin Harun, Nurbiha A. Shukor
56.	Non-Indexed Conference/ Proceedings	Program Perkongsian Intelak Pensyarah Institut Pendidikan Guru Tahun 2013 Zon Selatan	Pembangunan Dan Penilaian Web Pembelajaran 'e-Pedagogi Untuk Guru Abad Ke-21'.	2013	Ngau Chai Hong & Jamalludin Harun
57.	Non-Indexed Conference/ Proceedings	World Educational Conference of Science	A Predictive Model for Students' Cognitive Engagement in Online Learning	2013	Nurbiha A. Shukor, Zaidatun Tasir, Jamalludin Harun, Henny Van der Meijden

58.	Non-Indexed Conference/ Proceedings	Konvensyen Antarabangsa Jiwa Pendidik	Tahap Efikasi Kendiri dan Tahap Kreativiti Guru-guru Pra Perkhidmatan dalam Mengintegrasikan Teknologi dalam Pengajaran dan Pembelajaran	2014	Ngau Chai Hong & Jamalludin Harun
59.	Non-Indexed Conference/ Proceedings	1 <sup>st</sup> International Educational Postgraduate Seminar (IEPS 2014)	Designing Technology-Enhanced Pedagogies into Teaching and Learning.	2014	Ngau Chai Hong & Jamalludin Harun
60.	Non-Indexed Conference/ Proceedings	International Conference on Intelligent Systems, Modelling and Simulation (ISMS 2014),	Enhancing Students Level of Critical Thinking Through Interaction in Problem Based Learning and Computer Supported Collaborative Learning Environment	2014	Siti Mastura Baharuddin & Jamalludin Harun
61.	Non-Indexed Conference/ Proceedings	1 <sup>st</sup> International Conference on Educational Studies (ICES 2015)	Why Hibric 3C For The 21st Century Teachers.	2015	Ngau Chai Hong & Jamalludin Harun
62.	Non-Indexed Conference/ Proceedings	Proceedings of the 3 <sup>rd</sup> International Postgraduate Conference on Science and Mathematics	Creativity in Science Education: Definition and Constraints	2015	Siti Salbiah Omar, Noor Dayana Abdul Halim, Johari Surif & Jamalludin Harun
63.	Non-Indexed Conference/ Proceedings	2 <sup>nd</sup> International Education Postgraduate Seminar (IEPS 2015).	Pembelajaran Inkuiri-Kolaboratif Dalam Persekitaran Teknologi Web 2.0 dan Potensinya Terhadap Tahap Kemahiran Penghujahan Saintifik Pelajar Dalam Pembelajaran Sains.	2015	Masni Othman, Jamalludin Harun
64.	Non-Indexed Conference/ Proceedings	2 <sup>nd</sup> International Education Postgraduate Seminar (IEPS 2015).	Conceptual Framework Of Authentic Chemistry Problem-Solving Competency Among School Students	2015	Suraya Muhammad, Jamalludin Harun, Johari Surif, Noor Dayana Abdul Halim
65.	Non-Indexed Conference/ Proceedings	2 <sup>nd</sup> International Education Postgraduate Seminar (IEPS 2015).	Promoting Higher Order Thinking Skills Through Mobile Technology	2015	Nurul Syazwani Ismail, Jamalludin Harun, Shaharuddin Md Salleh, Megat Aman Zahiri
66.	Non-Indexed Conference/ Proceedings	International Graduate Conference on Engineering, Science And Humanities	Student Evaluation on Higher Order Thinking Skill (HOTS) in Blended Station Rotation Model.	2016	Suhaimi Zakaria @ Othman, Zaleha Abdullah, Jamalludin Harun, & Norasykin Mohd Zaid
67.	Non-Indexed Conference/ Proceedings	International Conference On Education And Higher Order Thinking Skills	A Mobile Problem-Based Learning Application Framework For Supporting Critical Thinking.	2016	Nurul Syazwani Ismail, Shaharuddin Md Salleh, Jamalludin Harun, Megat Aman Zahiri Megat Zakaria
68.	Non-Indexed Conference/ Proceedings	International Conference on Education And Higher Order Thinking Skills	Assessment In Game-Based Learning: A Meta-Analysis.	2016	Nurfazliyah Muhamad, Jamalludin Harun, Shaharuddin Md. Salleh & Megat Aman Zahiri Megat Zakaria

69.	Non-Indexed Conference/ Proceedings	4 <sup>th</sup> International Conference on Global Business & Social Entrepreneurship	A Conceptual Framework For Enhancing Scientific Creativity Among Students.	2016	Siti Salbiah Omar, Jamalludin Harun, Johari Surif, Noor Dayana Abd Halim, & Suraiya Muhammad
70.	Non-Indexed Conference/ Proceedings	International Conference On Education And Higher Order Thinking Skills	Authentic Chemistry Problem Solving Competency for Open-Ended Problems In Learning Electrolysis: Preliminary Study.	2016	Suraiya Muhamad, Jamalludin Harun, Johari Surif & Noor Dayana Abd Halim
71.	Non-Indexed Conference/ Proceedings	International Conference on Education and Higher Order Thinking Skills	Students Perception Towards UTM Mooc as Blended Learning In Higher Learning Institution.	2016	Azizah Yusof, Noor Azean Atan & Jamalludin Harun
72.	Non-Indexed Conference/ Proceedings	3 <sup>rd</sup> International Conference on Science and Social Research (CSSR 2016)	Argumentative Knowledge Construction Process in Social Collaborative Learning Environment Towards Students Higher Order Thinking Skills.	2016	Siti Nur Khadijah Aishah Ibrahim & Jamalludin Harun
73.	Non-Indexed Conference/ Proceedings	International Conference on Education and Higher Order Thinking Skills (ICE-HOTS)	Assessment in Game-Based Learning: A Meta-Analysis. The	2016	Nurfazliah Muhamad, Jamalludin Harun, Shaharuddin Md. Salleh, Megat Aman Zahiri Megat Zakaria
74.	Non-Indexed Conference/ Proceedings	Proceedings of the 6 <sup>th</sup> International Graduate Conference on Engineering, Science and Humanities (IGCESH 2016).	Problem Solving Competency for Open-Ended Problem in Learning Electrolysis: A Case Study of Malaysian Secondary School Chemistry Students.	2016	Suraiya Muhamad, Jamalludin Harun, Johari Surif, Noor Dayana Abdul Halim, & Siti Salbiah Omar
75.	Non-Indexed Conference/ Proceedings	Proceedings of The International Conference on Education and Higher Order Thinking Skills (ICE-HOTS2016).	A Pilot Study on Chemistry Creativity Test for Malaysian Science Students.	2016	Siti Salbiah Omar, Noor Dayana Abdul Halim, Johari Surif, Jamalludin Harun, Suraiya Muhamad
76.	Non-Indexed Conference/ Proceedings	International Conference on Education and Higher Order Thinking Skills (ICE-HOTS2016).	Flourishing Higher Order Thinking Skill Into Online Collaborative Learning in Malaysia: A Review.	2016	Suhaimi Zakaria-Othman, Norasykin Mohd Yazid, Zaleha Abdullah, Jamalluddin Harun
77.	Non-Indexed Conference/ Proceedings	IUCEL 2016 The International University on E-Learning	Chemistry Authentic Learning: Problem Solving in Electrolysis.	2016	Suraiya Muhamad, Jamalludin Harun, Noor Dayana Abd Halim, Johari Surif, Siti Salbiah Omar
78.	Non-Indexed Conference/ Proceedings	Proceedings of The 6 <sup>th</sup> International Graduate Conference on Engineering, Science and Humanities.	Implementation of Problem Based Learning in Mobile Learning Environment: A Meta-Analysis.	2016	Nurul Syazwani Ismail, Shaharuddin Md Salleh, Jamalludin Harun, Megat Aman Zahiri Megat
79.	Non-Indexed Conference/ Proceedings	2 <sup>nd</sup> IEPS 2015 International Education Postgraduate Seminar.	Mobile Learning As An Alternative Paradigm In Malaysian School Education System: A Review.	2016	Suhaimi Zakaria-Othman, Norasykin Mohd Yazid, Zaleha Abdullah, Jamalluddin Harun

80.	Non-Indexed Conference/ Proceedings	6 <sup>th</sup> Regional Conference on Engineering Education	The Impact of Instructional Scaffolding in Social Collaborative Learning Environment on Engineering Students Knowledge Construction.	2016	Tan May Ling & Jamalludin Harun
81.	Non-Indexed Conference/ Proceedings	7 <sup>th</sup> IGCESH 2018 - International Graduate Conference on Engineering, Science and Humanities	Framework For Online Interaction In Social Problem Based Learning Environment To Promote Critical Thinking Skill.	2018	Wan Nur Tasnim Wan Hussin, Jamalludin Harun & Nurbiha A. Shukor
82.	Non-Indexed Conference/ Proceedings	International Conference on Creative and Innovative Technology In Education (I-CITE2018)	Online Interaction in Social Learning Environment Towards Critical Thinking Skill : A Framework.	2018	Wan Nur Tasnim Wan Hussin, Jamalludin Harun, Nurbiha A Shukor
83.	Non-Indexed Conference/ Proceedings	International Graduate Conference on Engineering, Science and Humanities	The Effects of Mobile-Assisted Cooperative Language Learning on EFL Students' Interpreting Skills	2023	Yihuan Yuan, Jamalludin Harun and Zhiru Wang
84.	Non-Indexed Conference/ Proceedings	International Graduate Conference on Engineering, Science and Humanities	A Systematic Review on Flipped Learning in Teaching Chinese as a Foreign Or Second Language	2023	Wang Zhiru, Jamalludin B Harun and Yuan Yihuan

#### Original Books

No.	Type	Title	Publisher	Year	Author
1.	Original Book	Macromedia Authorware Attain 5: Pengenalan (Siri 1)	Venton Publishing	1999	Jamalludin Harun & Zaidatun Tasir
2.	Original Book	Macromedia Authorware Attain 5: Fungsi & Pembolehubah Dalaman (Siri 2)	Venton Publishing	1999	Jamalludin Harun & Zaidatun Tasir
3.	Original Book	Pengenalan kepada Multimedia	Venton Publishing	1999	Jamalludin Harun & Zaidatun Tasir
4.	Original Book	Grafik Digital: Asas Penggunaan Adobe Photoshop 6 (Siri 1)	Venton Publishing	2000	Jamalludin Harun & Zaidatun Tasir
5.	Original Book	Menguasai Dunia Grafik Berkomputer: Adobe Photoshop 6 (Siri 2)	Venton Publishing	2000	Jamalludin Harun & Zaidatun Tasir
6.	Original Book	Sistem Komputer & Aplikasinya	Venton Publishing	2001	Jamalludin Harun & Zaidatun Tasir
7.	Original Book	Pembangunan Perisian Multimedia: Satu Pendekatan Sistematis	Venton Publishing	2001	Jamalludin Harun & Zaidatun Tasir
8.	Original Book	Macromedia Flash 5: Konsep & Asas Penggunaan (Siri 1)	Venton Publishing	2001	Jamalludin Harun & Zaidatun Tasir
9.	Original Book	Macromedia Flash 5: Grafik dan Animasi Digital (Siri 2)	Venton Publishing	2001	Jamalludin Harun & Zaidatun Tasir
10.	Original Book	Menguasai Perisian Pemproses Perkataan: Microsoft Word XP	Venton Publishing	2001	Jamalludin Harun & Zaidatun Tasir
11.	Original Book	Menguasai Perisian Persembahan Elektronik: Microsoft Power Point XP	Venton Publishing	2001	Jamalludin Harun & Zaidatun Tasir
12.	Original Book	Menguasai Perisian Pangkalan Data: Microsoft Access XP (Siri 1)	Venton Publishing	2001	Jamalludin Harun & Zaidatun Tasir
13.	Original Book	Menguasai Perisian Hampan Elektronik: Microsoft Excel XP	Venton Publishing	2001	Jamalludin Harun & Zaidatun Tasir
14.	Original Book	Adobe Photoshop 6: Digital Graphics & Mastering Computer Graphics	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir
15.	Original Book	Menguasai Perisian Pangkalan Data: Microsoft Access (Siri 2)	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir
16.	Original Book	Menguasai Perisian Pembangunan Halaman Web: Microsoft Front Page XP	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir

17.	Original Book	Microsoft Office XP: Word, Excel, Access & Power Point	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir
18.	Original Book	Macromedia Flash 5: Interaktiviti Menggunakan ActionScript (Siri 3)	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir
19.	Original Book	Macromedia Authorware 6: Asas Pembangunan Aplikasi Multimedia Interaktif (Siri 1)	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir
20.	Original Book	Macromedia Authorware 6: Pengenalan kepada Fungsi & Pembolehkan (Siri 2)	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir
21.	Original Book	Macromedia Authorware 6: Projek Interaktif Aras Tinggi (Siri 3)	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir
22.	Original Book	Macromedia Dreamweaver MX: Asas Pembangunan Halaman Web (Siri 1)	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir
23.	Original Book	Macromedia Authorware 6: Macromedia Dreamweaver MX: Pembangunan Web Dinamik & Interaktif (Siri 2)	Venton Publishing	2002	Jamalludin Harun & Zaidatun Tasir
24.	Original Book	Adobe Photoshop 7.0: Konsep dan Asas Penggunaan (Siri 1)	Venton Publishing	2003	Jamalludin Harun & Zaidatun Tasir
25.	Original Book	Adobe Photoshop 7.0: Fotografi Digital, Web dan Multimedia (Siri 2)	Venton Publishing	2003	Jamalludin Harun & Zaidatun Tasir
26.	Original Book	Visual Basic .NET: Pengenalan kepada Bahasa Pengaturcaraan	Venton Publishing	2003	Jamalludin Harun & Zaidatun Tasir
27.	Original Book	Multimedia Dalam Pendidikan, Kuala Lumpur	PTS Publication	2003	Jamalludin Harun & Zaidatun Tasir
28.	Original Book	Multimedia Menerusi Macromedia Flash MX 2004	Venton Publishing	2004	Jamalludin Harun & Zaidatun Tasir
29.	Original Book	Multimedia: Konsep dan Praktis	Venton Publishing	2005	Jamalludin Harun & Zaidatun Tasir
30.	Original Book	Animasi: Dari Helaian Kertas ke Skrin Digital	Venton Publishing	2005	Jamalludin Harun & Zaidatun Tasir
31.	Original Book	Teknologi dan Rekabentuk Grafik Digital	Venton Publishing	2006	Jamalludin Harun & Zaidatun Tasir
32.	Original Book	Teknologi Audio Digital -Teori & Praktis	Venton Publishing	2006	Jamalludin Harun & Zaidatun Tasir
33.	Original Book	Teknologi Audio Digital -Teori & Praktis	Venton Publishing	2006	Jamalludin Harun & Zaidatun Tasir
34.	Original Book	Asas Reka Bentuk Laman Web	Venton Publishing	2007	Jamalludin Harun & Zaidatun Tasir

### Book Chapters

No.	Type	Title	Publisher	Year	Book Title	Author
1.	Book Chapter	Penyeliaan dalam Program Latihan Mengajar UTM: Satu Tinjauan Dari Aspek Pemarkahan	Penerbit UPM	2007	Isu-isu Literasi Semasa di Malaysia	Baharuddin Aris, Jamalludin Harun, Megat Aman Zahiri, Megat Zakaria & Meor Ibrahim Kamaruddin
2.	Book Chapter	The Creative Thinking Abilities of TESL Student Teachers of a Public University in Malaysia	Penerbit UPM	2007	Innovation and Intervention in ELT - Pathways and Practices	Baharuddin Aris, Jamalludin Harun & Tan Choon Keong
3.	Book Chapter	Kemahiran Dan Persepsi Pelajar Terhadap Penggunaan Laman Sosial Dalam Pembelajaran	Bahagian Teknologi Pendidikan, KPM & Malaysian	2012	Amalan Pengajaran dan Pembelajaran menerusi	Zaidatun Tasir dan Jamalludin Harun

			Educational Technology Association		Kepelbagaian Teknologi	
4.	Book Chapter	Rekabentuk Laman Pembelajaran Kooperatif Berasaskan Web Bagi Topik Teknologi Web 2.0 dalam Pengajaran dan Pembelajaran	Penerbit Bahagian Teknologi Pendidikan, KPM & Malaysian Educational Technology Association	2012	Amalan Pengajaran dan Pembelajaran menerusi Kepelbagaian Teknologi	Jamalludin Harun & Norashimah Hamzah
5.	Book Chapter	Pembangunan Perisian Multimedia Menggunakan Strategi Pembelajaran Berasaskan Situasi Bagi Tajuk Teknologi Animasi Digital	Penerbit UTM	2012	Bahan Pengajaran Dan Pembelajaran Berasaskan Komputer	Jamalludin Harun & Nurul Ain Mohd Zaid
6.	Book Chapter	Web 2.0 di UTM	Pusat Pembangunan Akademik UKM & Jabatan Pengajian Tinggi KPM	2012	Web 2.0 di IPTA Malaysia	Mohamed Noor Hasan & Jamalludin Harun
7.	Book Chapter	Bahan Sokongan Pembelajaran	Penerbit UTM	2013	Akademia Baru: Inovasi Pembelajaran	Mohamed Noor Hasan, Jamalludin Harun & Norah Md Nor
8.	Book Chapter	Development of e-Contents	Jabatan Pendidikan Tinggi, Kementerian Pendidikan Malaysia	2014	e-Learning Guidelines For Malaysian HEIs	Mohamed Noor Hasan, Jamalludin Harun, Hanizam Sulaiman, Nurbuha A. Shukor, Hasnah Mohamed, Noor Azean Atan, Norasiken Bakar & Ahmad Fadzli Nizam Abdul Rahman
9.	Book Chapter	Model for Teaching Using Video Based on Cognitive Load Theory	Penerbit UTM	2016	Integration of Technology in Teaching and Learning	Norah Md Noor, Jamalludin Harun, Zaleha Abdullah & Juhazren Junaidi
10.	Book Chapter	Development Of Virtual Learning Environment Assisted By Animated Pedagogical Agent For Authoring Language Course At The Faculty Of Education	Penerbit UTM	2016	Integration of Technology in Teaching and Learning	Juhazren Junaidi, Jamalludin Harun & Noor Azean Atan
11.	Book Chapter	UTM e-Learning	UTM Academic Leadership	2016	A Guide To New Academia Learning Innovation	Jamalludin Harun, Mohamed Noor Hasan, Megat Aman Zahiri, Megat Zakaria, Mohd Murtadha

						Mohamad & Zaleha Abdullah
12.	Book Chapter	Chemistry Problem-Solving Competency of Open Ended Problems in Electrolysis: Authentic Learning Practice	Serials Publication	2016	Research on Educational Studies	Suraiya Muhamad, Jamalludin Harun, Johari Surif & Noor Dayana Abd Halim
13.	Book Chapter	Pembangunan Modul Pengajaran Kreativiti Saintifik Bagi Topik Kimia	Penerbit UTM	2017	Pembangunan Pelbagai Modul Pengajaran dan Pembelajaran	Siti Salbiah Omar, Noor Dayana Abd Halim, Johari Surif, Jamalludin Harun
14.	Book Chapter	Integrasi Aplikasi Permainan Pendidikan Mudah Alih Bagi Meningkatkan Pembelajaran Kolaboratif Dalam Matematik Pra Sekolah	Fakulti Pendidikan, UTM	2018	Isu-Isu Pendidikan Kontemporari	Munawwar Adi Putra Muchtar & Jamalludin Harun
15.	Book Chapter	Pengintegrasian Bahan Digital MBMMBI Melalui Pendekatan Pembelajaran Koperatif Dalam Meningkatkan Kemahiran Mendengar Dan Bertutur Bahasa Inggeris	Fakulti Pendidikan, UTM	2018	Isu-Isu Pendidikan Kontemporari	Abdul Hadi Md Zin & Jamalludin Harun

#### Article / Manual / Module / Guideline

No.	Type	Title	Publisher	Year	Author
1.	Article	Panduan Mengaktifkan Pelajar dalam Sesi Perbincangan Secara Elektronik, in Buletin e-Pembelajaran@UTM	Pusat Pengajaran dan Pembelajaran, UTM	2006	Jamalludin Harun
2.	Article	Saya Tidak Berminat Menggunakan e-Pembelajaran: Tolong Jangan Paksa Saya Buletin e-Pembelajaran@UTM	Pusat Pengajaran dan Pembelajaran, UTM	2006	Jamalludin Harun
3.	Article	Bagaimana Merekabentuk Bahan Pengajaran Elektronik Bagi Menggalakkan Pembelajaran Aktif in Buletin Pengajaran dan Pembelajaran UTM	Pusat Pengajaran dan Pembelajaran, UTM	2006	Jamalludin Harun
4.	Guideline	UTM Online Final Examination Guidelines During COVID-19 Pandemic	UTMLead	2020	UTM Online Learning Task force
5.	Guideline	UTM Online Learning Guidelines During COVID-19 Pandemic	UTMLead	2020	UTM Online Learning Task force

#### Policy Paper

No.	Type	Policy	Publisher	Year
1.	Policy Paper	UTM Teaching and Learning Policy	Centre for Teaching and Learning, UTM	2007
2.	Policy Paper	UTM e-Learning Policy	Centre for Teaching and Learning, UTM	2005
3.	Policy Paper	Dasar e-Pembelajaran Kebangsaan (DePAN) (National e-Learning Policy)	KPT	2015
4.	Policy Paper	UTM Teaching and Learning Policy (Update)	UTM Leadership	2021

### Educational Software / Courseware

No.	Type	Title	Year	Author
1.	Educational Software / Courseware	Macromedia Authorware 6: Pengenalan Kepada Fungsi dan Pembolehubah (Siri 2). CD-ROM to accompany book - Macromedia Authorware 6: Pengenalan Kepada Fungsi dan Pembolehubah (Siri 2)	2002	Jamalludin Harun & Zaidatun Tasir
2.	Educational Software / Courseware	Macromedia Authorware: Projek Interaktif Aras Tinggi. CD-ROM to accompany book - Macromedia Authorware: Projek Interaktif Aras Tinggi (Siri 3)	2002	Jamalludin Harun & Zaidatun Tasir
3.	Educational Software / Courseware	Macromedia Dreamweaver MX: Asas Pembangunan Halaman Web. CD-ROM to accompany book - Macromedia Dreamweaver MX: Asas Pembangunan Halaman Web (Siri 1)	2002	Jamalludin Harun & Zaidatun Tasir
4.	Educational Software / Courseware	Macromedia Dreamweaver MX: Pembangunan Web Dinamik & Interaktif. CD-ROM to accompany book - Macromedia Dreamweaver MX: Pembangunan Web Dinamik & Interaktif (Siri 2).	2002	Jamalludin Harun & Zaidatun Tasir
5.	Educational Software / Courseware	Adobe Photoshop 7: Fotografi Digital, Web dan Multimedia. CD-ROM to accompany book - Adobe Photoshop 7: Fotografi Digital, Web dan Multimedia (Siri 2)	2003	Jamalludin Harun & Zaidatun Tasir
6.	Educational Software / Courseware	Multimedia Menerusi Macromedia Flash MX 2004. CD-ROM to accompany book - Multimedia Menerusi Macromedia Flash MX 2004	2004	Jamalludin Harun & Zaidatun Tasir

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

No	Role	Title of Programme	Date	Location
1.	Invited Speaker	Computer-Aided Integrated Multimedia (CAIM) Program, organized by Yayasan Pelajaran Johor (Johor Education Foundation)	1996	Yayasan Pelajaran Johor
2.	Invited Speaker	Multimedia Workshop for trainers from LPC	1996	Kuala Lumpur
3.	Invited Speaker	Teaching and Learning Induction for ENCS, CyberCampus	1999	Johor Bahru
4.	Invited Speaker	Application of Internet at Work for Yayasan Pelajaran Johor (Johor Education Foundation)	1999	Yayasan Pelajaran Johor
5.	Invited Speaker	Digital Teaching and Learning Seminar, organized by KUiTTTHO	16 April – 17 April 2002	KUiTTTHO, Batu Pahat
6.	Invited Speaker	Computer Based Teaching and Learning Colloquium, organized by KUiTTTHO	12 May – 13 May 2003	KUiTTTHO, Batu Pahat
7.	Plenary Speaker	Instructional Design & Online Learning Seminar, organized by KUiTTTHO	6 Feb – 7 Feb 2004	KUiTTTHO, Batu Pahat
8.	Invited Speaker	Product Lifecycle Support and Training for Small and Medium Enterprises, organized by EAPSTRA-UTM (A European Commission Project - Asia IT & C)	December 2005	UTM
9.	Invited Speaker	Generic Skills, Problem Based Learning and Multiple Intelligences Symposium, organized by KUiTTTHO	1 Feb – 2 Feb 2005	KUiTTTHO, Batu Pahat
10.	Invited Speaker	Development of PKPG Teaching & Learning Module, organized by Maktab Perguruan Teknik, Bahagian Pendidikan Guru, Kementerian Pendidikan Malaysia	5-8 Dec 2005	
11.	Guest Lecturer	Information Technology and Multimedia Applications for Posgraduates, KUiTTTHO	2003 - 2005	KUiTTTHO, Batu Pahat
12.	Invited Speaker	Basic Teaching and Learning : Teaching with Technology	May 2006	KUTKM, Melaka
13.	Plenary Speaker	Co-operative Learning - An Introduction to Problem Based Learning Seminar, organized by Kolej Matrikulasi Negeri Sembilan	28-30 August 2006	Kolej Matrikulasi N9

14.	Invited Speaker	Instructional Design Training course among TM Smartschool Sdn. Bhd. Course Developer	May 2006	Kuala Lumpur
15.	Invited Speaker	Pemantapan ICT bagi Tujuan Pengajaran dan Pembelajaran, organized by Kolej Matrikulasi Negeri Sembilan	May 2007	Kolej Matrikulasi Negeri Sembilan
16.	Invited Speaker	High Impact Writing and Publication Seminar, organized by Universiti Teknikal Malaysia Melaka (UTeM)	April 2007	UTeM Melaka
17.	Invited Speaker	Innovative Technology for Teaching and Learning, organized by Universiti Teknikal Malaysia Melaka (UTeM)	September 2010	UTeM Melaka
18.	Invited Speaker	Digital Audio and Video for Teaching and Learning, organized by Universiti Teknikal Malaysia Melaka (UTeM)	February 2011	UTeM Melaka
19.	Invited Speaker	Web 2.0 for Teaching and Learning, organized by Universiti Kuala Lumpur	July 2011	UniKL, Kuala Lumpur
20.	Invited Speaker	Teaching with Technology for Applied Physics for Yemen Academician	September 2013	UTM
21.	Invited Speaker	Instructional Design for e-Content, organized by UPSI	January 2015	UPSI, Tanjung Malim
22.	Plenary Speaker	Mathematics in Education Conference, organized by Matriculation Division, Ministry of Education Malaysia (MOE)	December 2015	Kuala Lumpur
23.	Invited Speaker	Blended Learning & Emerging Technologies for Afghanistan Lecturers	April 2018	UTM
24.	Invited Speaker	Job Training on Production of Media Instruction organized by Rajamangala University of Technology Thanyaburi (RMUTT Thailand)	May 2018	UTM
25.	Invited Speaker	Video Training Course and Viral Management, organized by Jabatan Agama Islam Negeri Johor	November 2018	UTM
26.	Plenary Speaker	Asia International Innovation Exhibition	18 Sept – 20 Sept 2019	Johor Bahru
27.	Guest Speaker	International Conference on Social Sciences, Humanities and Technology (ICSHT 2019)	26 – 27 January 2019	Bayview Beach Resort, Penang
28.	Keynote Speaker	Technology Assisted Learning Models and Strategies Seminar	9 Nov – 10 Nov 2019	Islamic University of Indonesia, Yogyakarta
29.	Keynote Speaker	International Webinar on Education 2020	20 May – 21 May 2020	Universitas Muhammadiyah Surabaya
30.	Guest Speaker	Introduction to Online Learning Support System (Albayanlite) for Jabatan Agama Islam Negeri Johor (JAINJ). Organized by Education Development and Solutions Specialist.	10 May 2020	Johor Bahru
31.	Guest Speaker	Online Learning : Guidelines and Implementation Techniques for Jabatan Agama Islam Negeri Johor (JAINJ). Organized by Education Development and Solutions Specialist.	11 Jun 2020	Johor Bahru
32.	Invited Speaker	e-Learning Management for Ministry of Health Training Institute	28 September – 30 September 2020	Senai, Johor
33.	Keynote Speaker	2 <sup>nd</sup> International Conference on Creative and Innovative Technology in Education	25 August – 27 August 2021	UTM Johor Bahru
34.	Invited Speaker	Academy of Sciences Malaysia - Using STEM OER for Teaching and Learning	10 September 2021	Academy of Sciences Malaysia

## PROFESSIONAL SERVICES

### Consultation and Training

No	Role	Title of Programme	Date	Location	Total Income Generated (RM)
1.	Multimedia Consultant & Instructor	Computer-Aided Integrated Multimedia (CAIM) course	1996	Yayasan Pelajaran Johor	50,000.00
2.	Educational Research Consultant	ICT Training Program, Ministry of Education of Malaysia and FSBM Sdn Bhd	2002 – 2003	Ministry of Education of Malaysia and FSBM Sdn Bhd.	-
3.	Project leader & Facilitator	e-Learning Management and Courseware Development Project for I-MHERE (Indonesia-Managing Higher Education for Relevance and Efficiency), Universitas Negeri Yogyakarta, Indonesia	2011	UTM	3 000.00
4.	Research Consultant	Kolej Universiti Perguruan Ugama (KUPU)-SB Brunei	2012	Brunei	10 000.00
5.	Trainer	Job Training of Rajamangala University of Technology Thanyaburi (RMUTT), Thailand	2017	UTM	20 000.00
6.	Facilitator	Teaching and Learning for 21 <sup>st</sup> Century Skills for Universitas Ahmad Dahlan (UAD), Indonesia lecturers	2017	UTM	25 000.00
7.	Facilitator	Blended Learning and Emerging Educational Technologies for Afghanistan lecturers	2018	UTM	11 000.00

### 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 Corporattion EntitE	Average acquisition in 3 years

### Community and University Services

No	Role	Title of Programme	Date	Level	Location
1.	Panel of Judge	Pertandingan Bahan Bantu Mengajar Sains Peringkat Daerah Johor Bahru (Peringkat Akhir)	26 June 2004	School	Johor
2.	Facilitator	Perundingan ICT at SK Bandar Baru UDA 2 Johor Bahru	2005	School	Johor
3.	Fasilitator	Latihan ICT kepada Guru di Sekolah Kebangsaan Sri Serdang, Selangor	2008	School	Selangor
4.	Fasilitator	Latihan ICT kepada Guru di Sekolah Menengah Agama Sultan Azlan Shah, Seri Iskandar, Perak	2008	School	Perak
5.	Volunteer	Sumbangan buku akademik kepada Sekolah Kebangsaan Sri Serdang, Selangor	2008	School	Selangor
6.	Facilitator	Webinar untuk Guru Sekolah Agama Ketika Pandemik COVID-19	2020	State	Johor
7.	Committee Member & Speaker	Persediaan Diri, Proposal Penyelidikan dan Temuduga untuk guru-guru HLP	Dec 2020	National	Johor
8.	Facilitator & Module Developer	Educator@VLE J/K Kerja Pembangunan dan Bakat (TWG-S) – INDUSTRY4WRD	Nov 2020	National	Johor
9.	Panel of Evaluator	Project on Inclusive OER (iOER) Policy	March 2021	National	Johor
10.	e-Content Technical Advisor	Create Content by Digital Storytelling – ICT for Community Services Project	January 2021	National	Johor
11.	Panel of Jury	1 <sup>st</sup> National Conference on Service Learning Malaysia-University for Society (SULAM)	October 2021	National	Johor
12.	Panel of Advisor and Validator	Service Learning Malaysia-University for Society (SULAM) – Online Exhibition and Competition	October 2021	National	Johor

### Endowment and Wakaf to University

No	Name of Endowment and Wakaf	Total Contribution (RM)
1.	Dana Wakaf Pendidikan UTM	RM 1800.00/year x 5 years = RM 9000.00
2.	Dana Wakaf Pembangunan Sekolah Agama UTM	RM 1000.00
3.	Dana Wakaf Pendidikan UTM – Karpit Masjid UTM	RM 1000.00
4.	Dana Wakaf Pendidikan UTM – Van Jenazah UTM	RM 1000.00

### Commercialisation

No	Role	Name of Product Commercialisation	Date	Total Income Generated (RM)
1	Project Leader	Micro-Credential Course @ Open Learning : Penyuntingan Video Digital: Mudah dan Percuma	2020	RM 200.00
2	Project Member	Micro-Credential Course @ Open Learning : Penyuntingan Video Mudah Menggunakan Smartphone	2020	RM 100.00

### Grant based on innovation and University Commercialisation Product

Bil	Name of Grant	Role	Category of Grant (UTM / Others)	Type of Grant	Amount (RM)	Starting Date	Ending Date	Vote No
1.	Prototype Development of Mobile Applications with an Embedded Animated Cognitive Scaffolding Agent for Solving Stem Problems	Member	UTM	UTM Prototype Research	73,000	1/1/2020	30/6/2022	00L30
2.	MYSL: Mobile Apps for Hearing Impaired Students in Learning Science	Member	UTM	Prototype Development Fund	20,000	1/6/2019	30/11/2020	4J390
3.	Prototype Development of Mobile Applications With an Embedded Sign Language Video for Hearing Impaired Students Learning Science	Member	KPT	PRGS	61,480	15/8/2017	14/2/2020	4L683

### Patent Granted and Filing

NO	NAME OF PATENT	STATUS OF PATENT
1.	Game-based learning system for pre-school children cognitive development	Patent Pending PI 2008 5160
2.	An online interactive multimedia dictionary	Patent Pending PI 2008 1435
3.	Personalized Learning courseware through digital learning object concept for learning multimedia and computer networking	Patent Pending PI 2008 1436

### Copyright

NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT
1.	Mobile Apps1: Introduction to Adobe Flash, 2012.	Approved (2012)
2.	Mobile Apps2: Drawing in Flash, 2012.	Approved (2012)
3.	Mobile Apps3: Animation Flash, 2012.	Approved (2012)
4.	Mobile Apps4: Interaction in Flash, 2012	Approved (2012)
5.	Lecture Material of Multimedia Development Process, 2013.	Approved (2013)
6.	Lecture Material of Information Design, 2013.	Approved (2013)

7.	Lecture Material of Multimedia Courseware Design Fundamentals, 2013.	Approved (2013)
8.	Lecture Material of Interaction Design, 2013.	Approved (2013)
9.	Lecture Material of Visual Design, 2013.	Approved (2013)
10.	Lecture Material of Courseware : Testing & Evaluation, 2013.	Approved (2013)
11.	Lecture Material of Multimedia Courseware : Evaluation, 2013	Approved (2013)
12.	Apps1 : Introduction to Website Development using Dreamweaver CS3, 2014.	Approved (2014)
13.	Apps2 : Development of Static Website using Dreamweaver CS3, 2014.	Approved (2014)
14.	Apps3 : Development of Dynamic Website using Dreamweaver CS3, 2014.	Approved (2014)
15.	Apps4 : Dynamic Website Embedded with Security using Dreamweaver CS3, 2014	Approved (2014)
16.	Instrumen Keberkesanan Persekitaran Pembelajaran Sosial Menerusi Web, 2015.	Approved (2015)
17.	Instrumen Tahap Penggunaan Web 2.0 dalam Pembelajaran, 2015.	Approved (2015)
18.	Instrumen Penilaian Aplikasi Perisian Adobe Photoshop CS2, 2015.	Approved (2015)
19.	Instrumen Penggunaan Web 2.0 dari Aspek Perkongsian Maklumat, 2015.	Approved (2015)
20.	Sign Language Video 1 : Radioactive Substance and Radioisotopes, 2016.	Approved (2016)
21.	Sign Language Video 2 : Radioactive Radiation, 2016.	Approved (2016)
22.	Sign Language Video 3 : Uses of Radioactive Substance, 2016.	Approved (2016)
23.	Sign Language Video 4 : Production of Nuclear Energy, 2016.	Approved (2016)
24.	Sign Language Video 5 : Uses of Nuclear Energy, 2016.	Approved (2016)
25.	Sign Language Video 6 : Effect of Radioactive Substances on Living Things, 2016.	Approved (2016)
26.	Technology Media Design App. 2017	Approved (2017)
27.	Apps DicSciencePBL. 2018	Approved (2018)
28.	Modul Kreativiti Kimia : Asid dan Bes, 2019	Approved (2019)
29.	RMUTT Job Training on Production of Media Instruction, 2019	Approved (2019)
30.	Micro-Credential UTM: Nota Penyuntingan Video Digital (Mudah dan Percuma)	Approved (2021)
31.	UTM Micro-Credential - Nota Penyuntingan Video Mudah Menggunakan Smart Phone	Approved (2021)
32.	Aplikasi Pembelajaran Mobil MySains Siri 1-8	Approved (2021)
33.	Immersive Flipped Classroom Cycle for Higher Education 4.0	Approved (2023)