CURRICULUM VITAE

PERSONAL DETAILS	
Name	NORHAIDA MOHD SUAIB
E-mail	haida@utm.my
Website	http://people.utm.my/haida/
Nationality	MALAYSIA
Correspondent Address	FACULTY OF COMPUTING, UNIVERSITI TEKNOLOGI MALAYSIA, 81310 SKUDAI, JOHOR

	ID	URL
SCOPUS	6503912736	https://www.scopus.com/authid/detail.uri?authorId=6503912736
WOS	AAX-9730-2020	https://www.webofscience.com/wos/author/record/AAX-9730-2020

	URL
Google Scholar	http://scholar.google.com.my/citations?user=CcpAJ3IAAAAJ
Researchgate	https://www.researchgate.net/profile/Norhaida_Suaib

EXPERTISE (NEC)	
Broad	Information and Communication Technologies
Narrow	Information and Communication Technologies
Details	Computer Science
Specialization	COMPUTER GRAPHICS AND MULTIMEDIA
	COMPUTER VISION
	INFORMATICS AND COMPUTING

		EXPERTISE (FOR)		
No	Division	Category	Group	Area
1	APPLIED SCIENCE AND TECHNOLOGY	INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)	Virtual and Extended Reality	Virtual Reality
2	APPLIED SCIENCE AND TECHNOLOGY	INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)	Computer Graphics, Image Processing, Multimedia and e-Games	Graphics Algorithm and Techniques
3	APPLIED SCIENCE AND TECHNOLOGY	INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)	Computer Graphics, Image Processing, Multimedia and e-Games	Data Visualisation in Computer Graphics
4	APPLIED SCIENCE AND TECHNOLOGY	INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)	Computer Graphics, Image Processing, Multimedia and e-Games	Pattern and Image Recognition
5	APPLIED SCIENCE AND TECHNOLOGY	INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)	Computer Graphics, Image Processing, Multimedia and e-Games	Serious Games

		ACADEMIC QUALIFICATION		
No	Level of Education	Course	University	Year
1	SARJANA MUDA / BACHELOR	MATEMATIK & KOMPUTER SERTA PENDIDIKAN	UNIVERSITI TEKNOLOGI MALAYSIA	1995
2	SARJANA / MASTER	GRAFIK KOMPUTER & PERSEKITARAN MAYA	UNIVERSITI OF HULL, UNITED KINGDOM	1997
3	DOKTOR FALSAFAH / PHD	SAINS KOMPUTER	UNIVERSITI TEKNOLOGI MALAYSIA	2015

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

No	Professional Bodies	Level	Role	Year
1	Marie Curie Alumni Association Southeast Asia Chapter (MCAA SEA) COUNTRY REPRESENTATIVE	INTERNATIONAL	Country Representative	2022-current
2	Institute of Electrical and Electronics Engineers (IEEE)	INTERNATIONAL	Member	2015-24
3	IEEE Computer Society	INTERNATIONAL	Member	2015
4	ASSOCIATION OF COMPUTING MACHINERY (ACM) SIGGRAPH	INTERNATIONAL	Member	2017-23
5	ACM SIGGRAPH (Professional Member)	INTERNATIONAL	Member	2016-19
6	Marie Curie Alumni Association Southeast Asia Chapter (MCAA SEA)	INTERNATIONAL	Member/Committee	2019
7	Asia Pacific Women Inventors & Innovators Network (APWIIN)	INTERNATIONAL	Member	2020-current
8	IEEE Computer Society Technical Community on Visualization and Graphics	INTERNATIONAL	Member	2024
9	IEEE Consumer Technology Society	INTERNATIONAL	Member	2024
10	Persatuan Sains Matematik Malaysia (PERSAMA)	NATIONAL	Member	2013-current
11	Persatuan Animasi Malaysia (ANIMAS)	KEBANGSAAN	Member	2013-2015
12	Persatuan Saintis Muslim Malaysia (PERINTIS)	KEBANGSAAN	Member	2016-current
13	Malaysian Association of PBL Practitioner (MyPBL)	KEBANGSAAN	Member	2023-24
14	Persatuan Kakitangan Akademik (PKA) UTM	UNIVERSITI	Member	1999-current
15	Badan Kebajikan Staf (BAKES)	UNIVERSITI	Member	1999-current
16	Persatuan Wanita Teknologi UTM (WANGI)	UNIVERSITI	Member	1999-current
17				

ADMINISTRATIVE EXPERIENCES

No	Position	Department / Faculty / Division	Start Date	End Date
1	HEAD OF RESEARCH GROUP	J28-FAKULTI KOMPUTERAN	03/11/2025	02/11/2027

CONSULTATION WORKS

No	Title	Value	Vot No	Year
1	SOSIAL MEDIA ANALYTICS		UTIM 106	2020
2	PROJEK MEMBANGUNKAN APLIKASI PEMBELAJARAN MEKANIKAL DAN ELEKTRONIK BERASASKAN TEKNOLOGI AR DAN VR		UTSB 1820	2021
3	REGRESSION ANALYSIS FOR PREDICTION		UTIM 167	2021
4	EC EDUGAME		2183	2023

No	Name of Committee	Role	Level	Start Date	End Date
	COMMITTEE				
1	EDITOR - INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING (IJIC)	Committee	INTERNATIONAL	01/01/2024	31/12/2024
2	REVIEWER - JOURNAL OF DIGITAL APPLICATIONS IN ARCHAEOLOGY AND CULTURAL HERITAGE (ELSEVIER)	Reviewer	INTERNATIONAL	02/09/2024	31/12/2024
3	TECHNICAL PROGRAMME COMMITTEE (TPC) - 2024 IEEE INTERNATIONAL SYMPOSIUM ON CONSUMER TECHNOLOGY (ISCT)	Committee	INTERNATIONAL	10/06/2024	18/12/2024
4	AHLI JAWATANKUASA PERSIDANGAN 'INTERNATIONAL SYMPOSIUM ON CONSUMER TECHNOLOGY' (ISCT 2024) – SPECIAL SESSION ON 'INNOVATIONS IN COMPUTER GRAPHICS, VIRTUAL REALITY AND MIXED REALITY' (ICVRMRXISCT2024)	Session Chair	INTERNATIONAL	01/06/2024	16/08/2024
5	AHLI JAWATANKUASA - WORKSHOP & TRAINING ICVRMR23 - AR	Committee	INTERNATIONAL	01/09/2023	31/12/2023
6	EDITORIAL TEAM - INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING (IJIC)	Committee	INTERNATIONAL	01/01/2023	31/12/2023
7	EDITORIAL INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING (IJIC)	Committee	INTERNATIONAL	01/01/2023	31/12/2023
8	AHLI JAWATANKUASA - WORKSHOP & TRAINING ICVRMR23 - ML	Committee	INTERNATIONAL	01/09/2023	31/12/2023
9	REVIEW PANEL OF THE MOHE - ERICSSON - DNB DIGITAL TRAINING INITIATIVES	Reviewer	INTERNATIONAL	31/08/2022	31/12/2022
10	EDITORIAL TEAM - INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING (IJIC)	Committee	INTERNATIONAL	01/01/2022	31/12/2022
11	JAWATANKUASA TEKNIKAL "INTERNATIONAL CONFERENCE ON APPLIED DATA SCIENCE AND COMPUTATIONAL INTELLIGENCE" (ADSCI 2022)	Committee	INTERNATIONAL	01/07/2022	25/12/2022
12	TECHNICAL PROGRAM COMMITTEE FOR EECSI 2020 (2020 7TH INTERNATIONAL CONFERENCE ON ELECTRICAL ENGINEERING, COMPUTER SCIENCE AND INFORMATICS)	Committee	INTERNATIONAL	19/02/2020	01/10/2020
13	2019 INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND COMPUTER SCIENCE (AICS 2019)	Committee	INTERNATIONAL	04/02/2019	14/07/2019
14	INTERNATIONAL CONFERENCE ON INNOVATIONS IN COMPUTER SCIENCE AND ENGINEERING (ICICSE 2019)	Committee	INTERNATIONAL	04/02/2019	29/06/2019
15	THE 13TH SOUTH EAST ASIAN TECHNICAL UNIVERSITY CONSORTIUM (SEATUC) SYMPOSIUM	Committee	INTERNATIONAL	01/01/2019	15/03/2019
16	International Conference on Interactive Digital Media 2018 (ICIDM 2018)	Committee	INTERNATIONAL	01/01/2018	12/12/2018
17	The Marie Curie Alumni Association (MCAA) SEA Chapter 2nd Annual General Meeting (AGM) 2018	Committee	INTERNATIONAL	25/05/2018	26/05/2018
18	Technical Committee - 2nd International Conference on Digital Arts, Media and Technology 2017	Committee	INTERNATIONAL	01/01/2017	07/04/2017
19	International Conference on Digital Arts, Media and Technology 2017 (ICDAMT)	Committee	INTERNATIONAL	21/11/2016	04/03/2017
20	1st International Conference on Multidisciplinary Method & Model (ICMMM 2016)	Committee	INTERNATIONAL	15/04/2016	31/12/2016
21	… others trimmed for space …				
22					

No	Name of Activities	Venue	Start Date	End Date
	SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES			
1	RESEARCH CONSORTIUM: POLITEKNIK ELEKTRONIKA NEGERI SURABAYA (PENS) - POLITEKNIK NEGERI JAKARTA (PNJ) - POLITEKNIK NEGERI BATAM (POLIBATAM) - UNIVERSITI TEKNOLOGI MALAYSIA (UTM) - SANSPOWER (INDONESIA)	-	01/01/2024	31/12/2026
2	PENYELARAS KURSUS SECV 4543 SEMESTER 2, SESI 2023/2024	-	05/03/2024	31/12/2024
3	8TH INTERNATIONAL CONFERENCE ON INVENTIVE COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES (ICICCT - 2024) REVIEWER - ICICCT2024_103	-	07/03/2024	18/12/2024
4	PECS - PHD QUALIFYING - LAI TING YING	-	18/12/2024	18/12/2024
5	PECS - PHD QUALIFYING - SIMON CHONG KAI YUEN	-	18/12/2024	18/12/2024
6	MSCADVOCACY ONLINE REGIONAL EVENT - STRENGTHENING MSCA PARTICIPATION IN ASEAN	-	11/12/2024	11/12/2024
7	PELANCARAN APLIKASI JOHOR DESTINASI PELANCONGAN SELAMAT "JOHOR SAFE TRAVEL" SEMPENA TAHUN MELAWAT JOHOR 2026	-	09/12/2024	09/12/2024
8	REVIEWER - JOURNAL OF DIGITAL APPLICATIONS IN ARCHAEOLOGY AND CULTURAL HERITAGE (ELSEVIER) - DAACH-D-24-00081	-	27/11/2024	05/12/2024
9	PEMPAMER PRODUK NEXAHOLO DI FESTIVAL IDEA PUTRAJAYA 2024 ANJURAN KEMENTERIAN PENDIDIKAN TINGGI	-	26/11/2024	30/11/2024
10	F2F PECS 1ST ASSESSMENT - YE SHAOQIANG - THU NOV 28, 2024	-	28/11/2024	28/11/2024
11	F2F PECS 1ST ASSESSMENT- BILAL ABDULRAHMAN TUAMA AL-DOORI -TUE NOV 26, 2024	-	26/11/2024	26/11/2024
12	F2F PECS 1ST ASSESSMENT- LIU ZHIHUI-SUN NOV 24, 2024	-	24/11/2024	24/11/2024
13	"HORIZON EUROPE - INFO AND TRAINING SESSION FOR INDIVIDUAL RESEARCHERS" BERSAMA EURAXESS ASEAN	-	13/11/2024	13/11/2024
14	HORIZON EUROPE INFO & TRAINING SESSION FOR INDIVIDUAL RESEARCHERS	-	13/11/2024	13/11/2024
15	PENGUJIAN KEBERKESANAN TEKNOLOGI METAVERSE UNTUK MESYUARAT SECARA IMERSIF MAYA	-	12/11/2024	12/11/2024
16	INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING (IJIC) - REVIEWER	-	15/10/2024	05/11/2024
17	NEW ACADEMIA LEARNING INNOVATION (NALI 2024) EXHIBITION & COMPETITION (PART OF UTM GLOBAL CONNECT) - ID100	-	01/10/2024	03/10/2024
18	NEW ACADEMIA LEARNING INNOVATION (NALI 2024) EXHIBITION & COMPETITION (PART OF UTM GLOBAL CONNECT) - ID98	-	01/10/2024	03/10/2024
19	NEW ACADEMIA LEARNING INNOVATION (NALI 2024) EXHIBITION & COMPETITION (PART OF UTM GLOBAL CONNECT) - ID98	-	01/10/2024	03/10/2024
20	NEW ACADEMIA LEARNING INNOVATION (NALI 2024) EXHIBITION & COMPETITION (PART OF UTM GLOBAL CONNECT) - ID99	-	01/10/2024	03/10/2024
21	26TH INDUSTRIAL ART AND TECHNOLOGY EXHIBITION (INATEX) 2024 (PART OF UTM GLOBAL CONNECT) - NEXAHOLO	-	02/10/2024	03/10/2024
22	26TH INDUSTRIAL ART AND TECHNOLOGY EXHIBITION (INATEX) 2024 (PART OF UTM GLOBAL CONNECT) - UTM EDU-METAVERSE WITH AI ASSISTANT	-	02/10/2024	03/10/2024
23	REVIEWER - JOURNAL OF DIGITAL APPLICATIONS IN ARCHAEOLOGY AND CULTURAL HERITAGE (ELSEVIER) - DAACH-D-24-00118	-	02/09/2024	02/10/2024
24	PAMERAN SEMPENA PROGRAM MALAYSIA DIGITAL CHAMBER OF COMMERCE (MDCC) SOUTHERN REGION 23/9/2024	-	23/09/2024	23/09/2024

No	Description		Start	End
27	LAWATAN KERJASAMA INDUSTRI KE DREAMEDGE SDN. BHD.	-	20/09/2024	20/09/2024
28	PENILAI MECC1223 INNOVATIVE COMPUTING PROJECT 1 : SEM3-2023/2024 - AMMAR HAWARI	-	19/09/2024	19/09/2024
29	PENILAI PEMBENTANGAN MECC1223 INNOVATIVE COMPUTING PROJECT 1 _ SEM3-2023_2024-SUNHAO	-	19/09/2024	19/09/2024
30	REVIEWER - JOURNAL OF INFORMATION SERVICES & USE (SCOPUS) - ISU-24-0012	-	22/07/2024	21/08/2024
31	2024 IEEE INTERNATIONAL SYMPOSIUM ON CONSUMER TECHNOLOGY - ID 1571035842	-	13/08/2024	14/08/2024
32	2024 IEEE INTERNATIONAL SYMPOSIUM ON CONSUMER TECHNOLOGY - ID 1571037103	-	13/08/2024	14/08/2024
33	2024 IEEE INTERNATIONAL SYMPOSIUM ON CONSUMER TECHNOLOGY - ID 1571035555	-	13/08/2024	14/08/2024
34	PARALLEL SESSION CHAIR-ISCT-2024	-	13/08/2024	13/08/2024
35	EVALUATOR FOR RESEARCH PROPOSAL (UTMER)	-	11/07/2024	08/08/2024
36	PRA PEMBENTANGAN KEPUTUSAN PEPERIKSAAN AKHIR SEMESTER 2 SESI2023/2024 BAGI PROGRAM PRASISWAZAH (SEMAKAN MARKAH OLEH PENASIHAT AKADEMIK)	-	06/08/2024	06/08/2024
37	2024 IEEE INTERNATIONAL SYMPOSIUM ON CONSUMER TECHNOLOGY (ISCT) - ID 1571037251	-	01/07/2024	05/08/2024
38	2024 IEEE INTERNATIONAL SYMPOSIUM ON CONSUMER TECHNOLOGY (ISCT) - ID 1571037287	-	01/07/2024	05/08/2024
39	PEMBENTANGAN COURSE ASSESSMENT REPORT (CAR) SEMESTER 2 SESI 2023/2024	-	05/08/2024	05/08/2024
40	PENYELIA PROJEK PSM2 PROGRAM SECV/SECVH	-	01/01/2024	31/07/2024
41	PENILAI PROJEK PSM2 PROGRAM SECV/SECVH	-	17/03/2024	31/07/2024
42	PENYELARAS SUBJEK SECV 4543 - SEM 2 2023-24	-	17/03/2024	31/07/2024
43	PENYELIA PROJEK SARJANA MUDA 1 (PSM 1) PROGRAM SECVH BAGI SEMESTER 2, 2023/2024	-	17/03/2024	25/07/2024
44	REVIEWER - JOURNAL OF COMPUTERS & GRAPHICS (ELSEVIER) - CAG-D-24-00297	-	02/07/2024	17/07/2024
45	PHD-CS REASSESSMENT - LIN SHENGQING @ WED JUL 17, 2024	-	17/07/2024	17/07/2024
46	PENILAI PSM2-AMIRA AZKIA-9JUL24	-	09/07/2024	09/07/2024
47	PENILAI PSM2-DEBBIE LOW-9JUL24	-	09/07/2024	09/07/2024
48	PENILAI PSM2-HARESH NAIDU-9JUL24	-	09/07/2024	09/07/2024
49	PENILAI PSM2-NURDINI FARIZAH-9JUL24	-	09/07/2024	09/07/2024
50	PENILAI PSM2-NURDINIE SAJEEDA-9JUL24	-	09/07/2024	09/07/2024
51	PENILAI PSM2-NURUL ASYIKIN-9JUL24	-	09/07/2024	09/07/2024
52	PENILAI PSM2-ZHAO XIN-9JUL24	-	09/07/2024	09/07/2024
53	ORAL EXAMINATION (VIVA-VOCE) - MUHAMMAD ANWAR AHMAD	-	03/07/2024	03/07/2024
54	PENILAI PSM1-FARHANAH AINA-2JUL24	-	02/07/2024	02/07/2024
55	PENILAI PSM1-GAN QI YOU-2JUL24	-	02/07/2024	02/07/2024
56	PENILAI PSM1-KHALISAH NAJAH-2JUL24	-	02/07/2024	02/07/2024

58	PENILAI PSM1-LINISSHA-2JUL24	-	02/07/2024	02/07/2024
59	PENILAI PSM1-MUHAMMAD FARIS-2JUL24	-	02/07/2024	02/07/2024
60	PENILAI PSM1-NUR DINI FATINI-2JUL24	-	02/07/2024	02/07/2024
61	PENYELIA LATIHAN INDUSTRI QAIWAN INTERNATIONAL UNIVERSITY (QIU) SEMESTER SEM 2 20232024	-	30/06/2024	02/07/2024
62	BENGKEL "PROPOSAL READINESS" -KUMPULAN PENYELIDIK UTM VICUBELAB	-	25/06/2024	25/06/2024
63	POSTGRADUATE ANNUAL RESEARCH SEMINAR (PARS2024) ONLINE EVALUATION - CHEN DONGLIN	-	25/06/2024	25/06/2024
64	POSTGRADUATE ANNUAL RESEARCH SEMINAR (PARS2024) ONLINE EVALUATION - CHEN SI	-	25/06/2024	25/06/2024
65	ORAL EXAMINATION (VIVA-VOCE) - SAFA RIYADH WAHEED	-	12/06/2024	12/06/2024
66	PENGLIBATAN AKTIVITI PELAJAR CGMA - EXPERIENTIAL DEVELOPMENTPROGRAM 2024 (EXPEDEA'24)	-	08/06/2024	08/06/2024
67	SESI LIBAT URUS PENDIGITALAN PELANCONGAN NEGERI JOHOR 2024	-	06/06/2024	06/06/2024
68	F2F PCSS ASSESSMENT - RIYO WARDOYO @ SUN JUN 2, 2024	-	02/06/2024	02/06/2024
69	PENGLIBATAN AKTIVITI PELAJAR CGMA - BOXTROLLS 2024	-	25/05/2024	25/05/2024
70	SPEAKER FOR BOXTROLLS 2024 - CGMA STUDENT ASSOCIATION	-	25/05/2024	25/05/2024
71	F2F PCSS ASSESSMENT - ELLI A GOJALI @ SUN MAY 19, 2024	-	19/05/2024	19/05/2024
72	F2F PCSS ASSESSMENT - NUR AMEERAH @ SUN MAY 12, 2024	-	12/05/2024	12/05/2024
73	F2F PCSS ASSESSMENT -GUO @ SUN MAY 12, 2024	-	12/05/2024	12/05/2024
74	REVIEWER - JOURNAL OF COMPUTERS & GRAPHICS - CAG-D-24-00219	-	20/04/2024	02/05/2024
75	PENILAI PROPOSAL PROJEK SARJANA MUDA 1 (PSM 1) PROGRAM SECVH BAGI SEMESTER 2, 2023/2024	-	01/04/2024	30/04/2024
76	REVIEWER - JOURNAL OF COMPUTERS & GRAPHICS (ELSEVIER) - CAG-D-24-00100	-	02/04/2024	17/04/2024
77	8TH INTERNATIONAL CONFERENCE ON INVENTIVE COMMUNICATION AND COMPUTATIONAL TECHNOLOGIES (ICICCT - 2024) REVIEWER - ICICCT2024_109	-	07/03/2024	18/03/2024
78	PENILAIAN PSM2 SEM 2 2023/24 - NG SHU YU	-	30/01/2024	30/01/2024
79	PENILAIAN PSM1 SEM 1 2023/24 - ANATASYA HUMAIRA	-	23/01/2024	23/01/2024
80	3RD INTERNATIONAL CONFERENCE ON VIRTUAL REALITY AND MIXED REALITY 2023	-	01/01/2023	31/12/2023
81	PEMBANGUNAN PROGRAM AKADEMIK BAHARU SARJANA MUDA KECERDASAN BUATAN	-	02/11/2023	31/12/2023
82	PENYELIA PROJEK PSM2 PROGRAM SECV/SECVH	-	10/09/2023	31/12/2023
83	FIRST ASSESSMENT - ZHAO FEI	-	31/12/2023	31/12/2023
84	FIRST ASSESSMENT - SAAD MASOOD	-	19/12/2023	19/12/2023
85	PENGLIBATAN AKTIVITI PELAJAR CGMA - METAVERSE WEBINAR 2023	-	18/12/2023	18/12/2023
86	PENGHARGAAN PENGLIBATAN AKTIVITI PELAJAR CGMA - CID 2023	-	16/12/2023	16/12/2023
87	… others trimmed for space …			

No	Name of Grant	Role	Category of Grant	Type of Grant	Amount (RM)	Vot No	Start Date	End Date
			RESEARCH ACTIVITIES					
1	3D ZAPIN DANCE MOTION DATA EXTRACTION FROM MONOCULAR VIDEO INPUT	PRINCIPAL INVESTIGATOR	UTM	INTERNAL	56000	19J10	01/10/2020	30/09/2023
2	4B691-PENGEMBANGAN NUSANTARA HERITAGE BERBASIS MEDIA REALITY UNTUK PEMBERDAYAAN PAKET WISATA BUDAYA TRADISIONAL SERUMPUN INDONESIA-MALAYSIA	MEMBER	OTHERS	EXTERNAL	28862.66	03M52	02/06/2021	31/05/2023
3	A BIOLOGICALLY INSPIRED COMPUTATIONAL 3D ARTICULATED FIGURE ANIMATION	PRINCIPAL INVESTIGATOR	OTHERS	EXTERNAL	202200	J130000.7928.3S225	01/10/2007	30/09/2009
4	A BIOLOGICALLY INSPIRED COMPUTATIONAL 3D ARTICULATED FIGURE ANIMATION	PRINCIPAL INVESTIGATOR	OTHERS	EXTERNAL		3S237	01/10/2007	31/03/2009
5	A NEW 3D MESHES GENERATIVE MODEL BASED ON MULTIPLE DEPTH SENSING FOR REAL-TIME AVATAR FACES RECONSTRUCTION IN METAVERSE	MEMBER	OTHERS	EXTERNAL	88224	5F616	01/10/2023	31/03/2026
6	A NEW ONTOLOGY ENRICHMENT ALGORITHM FOR HIERARCHICAL CLASSIFICATION OF BIOMEDICAL LITERATURE.	MEMBER	OTHERS	EXTERNAL	55000	4F559	01/07/2014	30/09/2016
7	A NEW POSITION-AWARE ALGORITHM FOR FACIAL EXPRESSION AND HEAD GESTURE ESTIMATION IN ZAPIN DANCE ANIMATION	PRINCIPAL INVESTIGATOR	OTHERS	EXTERNAL	72928	4F983	15/08/2017	14/12/2019
8	A NOVEL RANGE POINT OF CONTACT METHOD IN SINGLE PHASE COLLISION DETECTION SCHEME FOR RIGID BODIES VIRTUAL REALITY SIMULATION	MEMBER	OTHERS	EXTERNAL	56000	4X099	01/11/2015	31/10/2017
9	A NOVEL RANGE POINT OF CONTACT METHOD IN SINGLE PHASE COLLISION DETECTION SCHEME FOR RIGID BODIES VIRTUAL REALITY SIMULATION	PRINCIPAL INVESTIGATOR	OTHERS	EXTERNAL	56000	4X099	01/11/2015	31/10/2017
10	AN IMPROVED ADAPTIVE OCCLUSION RESOLVING METHOD BASED ON REAL-TIME DEPTH SENSING FOR DYNAMIC OBJECTS IN MIXED REALITY	MEMBER	UTM	INTERNAL	64879	Q.J130000.3828.42J21	01/09/2024	31/08/2026
11	ASSESSMENT OF MANGROVE HABITAT AND RIVER SHORELINE EROSION DUE TO BOAT GENERATED WAVE AND SEA LEVEL RISE.	MEMBER	OTHERS	EXTERNAL	207000	4L855	04/01/2016	03/07/2019
12	AUGMENTED REALITY FOR FISH RECOGNITION	MEMBER	UTM	INTERNAL	20000	12J29	01/10/2016	31/12/2017
13	BIG DATA TALENT ANALYTICS FOR PREDICTIVE BEHAVIORAL LEADERSHIP	MEMBER	UTM	INTERNAL	149410.29	08G91	01/01/2020	31/12/2023
14	CENTRE FOR ADVANCEMENT IN RURAL EDUCATION INFORMATICS (ICARE): PENINGKATAN PROGRAM BERASASKAN KAJIAN AWAL	MEMBER	OTHERS	EXTERNAL	20000	4B225	01/12/2015	30/11/2016
15	CREATIVITY SPARK PROGRAMME SERIES: IMAGE AND VIDEO EDITING SHORT COURSE	PRINCIPAL INVESTIGATOR	OTHERS	EXTERNAL	420	4X160	01/03/2016	09/04/2016

16	DEVELOPMENT OF A REAL-TIME COLLISION DETECTION FOR VIRTUAL ENVIRONMENT	PRINCIPAL INVESTIGATOR	OTHERS	EXTERNAL	131000	74019	31/01/1998	30/01/2001
17	DEVELOPMENT OF AI-DRIVEN HOLOGRAM OF TENGKU ABDUL RAHMAN FOR HISTORICAL EDUCATION AND CULTURAL PRESERVATION	MEMBER	OTHERS	EXTERNAL	50500	4C867	13/11/2024	12/05/2026
18	DIALECT-AWARE MALAY COLLOQUIAL SPEECH TRANSLATION USING LIGHTWEIGHT NEURAL MACHINE TRANSLATION FOR AUGMENTED REALITY GLASSES	MEMBER	UTM	INTERNAL	20000	04K78	01/12/2025	30/11/2027
19	DIGITAL PRESERVATION OF ZAPIN DANCE ON METAVERSE	PRINCIPAL INVESTIGATOR	UTM	INTERNAL	43760	00L81	15/11/2024	14/11/2025
20	DIGITALIZATION OF TRADITIONAL MALAY DANCE FOR INTANGIBLE VIRTUAL HERITAGE PRESERVATION	PRINCIPAL INVESTIGATOR	UTM	INTERNAL	40000	16H01	01/10/2016	31/03/2018
21	HIGH DIMENSIONAL HETEROGENEOUS DATA BASED ANIMATION TECHNIQUES FOR SOUTHEAST ASIAN INTANGIBLE CULTURAL HERITAGE DIGITAL CONTENT	MEMBER	OTHERS	EXTERNAL	431328	4B236	01/01/2016	31/12/2019
22	HYBRID COLLISION CULLING FOR MASSIVE RIGID BODY SIMULATION	PRINCIPAL INVESTIGATOR	UTM	INTERNAL	25000	05J21	01/05/2012	30/04/2013
23	IMPROVED THE IDENTIFICATION OF HUMAN-OBJECT INTERACTIONS VIA THE INTERACTIVITY RECOGNITION GRAPH NEURAL NETWORK (IR-GNN) MODEL	MEMBER	UTM	INTERNAL	68068	31J76	01/10/2023	30/09/2025
24	LANGKAH WARISAN: AN EXTENDED REALITY (XR) ZAPIN DANCE LEARNING PROTOTYPE	PRINCIPAL INVESTIGATOR	OTHERS	EXTERNAL	88066	5L041	01/12/2025	30/11/2027
25	LEADERSHIP PROFILING AND TALENT PREDICTIVE ANALYTICS FOR AKADEMIK KEPIMPINAN PENDIDIKAN TINGGI (AKEPT)	MEMBER	OTHERS	EXTERNAL	50000	4B580	01/04/2020	31/12/2020
26	METAVERSE TRANSFORMATIVE DIGITAL SIGNAGE	MEMBER	UTM	INTERNAL	30000	4J600	01/12/2022	30/11/2023
27	PENGEMBANGAN NUSANTARA HERITAGE BERBASIS MEDIA REALITY UNTUK PEMBERDAYAAN PAKET WISATA BUDAYA TRADISIONAL SERUMPUN INDONESIA-MALAYSIA	MEMBER	OTHERS	EXTERNAL	28980.11	4B691	02/06/2021	31/05/2023
28	PHYSICAL PLAY GAMES FOR MOBILE DEVICES USING TANGIBLE OBJECT AND AUGMENTED REALITY FOR KIDS	MEMBER	OTHERS	EXTERNAL	81620	4L687	15/08/2017	31/07/2019
29	PRESSURE-SENSITIVE PEN-BASED VIRTUAL REALITY INTERACTION FOR VIRTUAL HEART MODEL MANIPULATION.	PRINCIPAL INVESTIGATOR	UTM	INTERNAL	20000	09H18	01/07/2014	30/06/2015
30	REAL-TIME CHARACTER MOTION CONTROL USING DATA GLOVES	MEMBER	OTHERS	EXTERNAL	175000	4S089	01/07/2013	30/06/2015
31	RECOGNITION OF GENDER FROM FACE	MEMBER	UTM	INTERNAL	20000	12J07	01/10/2016	30/09/2017
32	RESEARCH CONTRACT FOR UTM-LIPI COLLABORATIVE RESEARCH – BASED POSTGRADUATE PROGRAM	MEMBER	OTHERS	EXTERNAL	1002774	4B734	30/08/2021	29/08/2026
33	TEKNOLOGI PENYIMPANAN	MEMBER	UTM	INTERNAL	30000		01/11/2019	30/04/2022

					18J64		
	AWAN KOMUNITI UNTUK BAHAGIAN TEKNOLOGI PENDIDIKAN NEGERI JOHOR						
34	TELERADIOLOGY	MEMBER	UTM	INTERNAL	13100	71027	30/04/1992	30/05/1993
35	THE DEVELOPMENT OF A REAL-TIME 3D MULTIMEDIA GAME ENGINE	MEMBER	OTHERS	EXTERNAL	250360	74078	30/06/1998	30/12/2001
36	THE DEVELOPMENT OF A REAL-TIME TERRAIN MODELLING AND VISUALIZATION	MEMBER	OTHERS	EXTERNAL	192600	74077	30/06/1998	29/06/2000
37	THE DEVELOPMENT OF CLOUD MODELLING AND MOTION ANALYSIS FOR VIRTUAL ENVIRONMENT	MEMBER	OTHERS	EXTERNAL	134580	74079	30/06/1998	30/12/2000
38	THE DEVELOPMENT OF DEFORMABLE BODIES COLLISION RESPONSE ALGORITHM FOR INTERACTIVE VIRTUAL ENVIRONMENT	PRINCIPAL INVESTIGATOR	OTHERS	EXTERNAL	102000	74224	11/12/1999	29/06/2002
39	THE DEVELOPMENT OF MOTION PLANNING ALGORITHM FOR ANIMATED CHARACTERS IN VIRTUAL ENVIRONMENTS	MEMBER	OTHERS	EXTERNAL	112000	74132	31/12/1998	30/12/2000
40	THE IMPLEMENTATION OF GAMIFICATION MODULE IN ALBAYEN JUNIOR SYSTEM	MEMBER	OTHERS	EXTERNAL	11025	4C531	01/09/2021	31/01/2022
41	UTMICON 4.4: DEVELOPMENT OF A PLATFORM FOR DIANA AS A PROTECTOR AND EDUCATOR TOWARDS SAFER SOCIETY IN THE DIGITAL WORLD	MEMBER	UTM	INTERNAL	248306	09G64	01/07/2020	30/06/2024
42	UTMSPC 1.28: DIGITAL TRANSFORMATION PROGRAMS FOR UTM SPACE: INTELLIGENT DATA STORAGE FOR SUPPORTING LEARNING ANALYTICS	MEMBER	OTHERS	EXTERNAL	46000	4J548	01/03/2022	30/09/2023

COLLABORATION / MOU				
No	Title	Level	Start Date	End Date
1	MEMORANDUM PERSEFAHAMAN (MOU) DI ANTARA VIRTUAL SPACE CENTER DENGAN UNIVERSITI TEKNOLOGI MALAYSIA	National	29/11/2021	28/11/2023
2	PERJANJIAN KERJASAMA PROGRAM SARJANA KOMPUTERAN INOVATIF DIANTARA UTM DAN OTTI	National	01/11/2023	01/11/2028
3	MEMPERBAHARUI MEMORANDUM PERSEFAHAMAN (MOU) DI ANTARA DREAMEDGE SDN BHD DENGAN UNIVERSITI TEKNOLOGI MALAYSIA	National	18/09/2023	18/09/2026
4	MEMORANDUM PERSEFAHAMAN (MOU) DI ANTARA POLITEKNIK ELEKTRONIKA NEGERI SURABAYA DENGAN UNIVERSITI TEKNOLOGI MALAYSIA	International	01/09/2024	01/09/2029
5	MEMORANDUM PERSEFAHAMAN (MOU) DI ANTARA UNIVERSITY OF CANTERBURY NEW ZEALAND DENGAN UNIVERSITI TEKNOLOGI MALAYSIA	International	10/07/2025	09/07/2030
6	SURAT KERJASAMA DI ANTARA INSTITUT KEMAHIRAN MARA JOHOR BAHRU DENGAN FAKULTI KOMPUTERAN	National	3/12/2025	2/12/2026

No	Name	Title	Rolse of Supervision	Status	Date of Graduation (Based on Senate Letter)
		SUPERVISION (PHD Student)			
1	Safa Riyadh Waheed	ENHANCED IMAGE OBJECT DETECTION AND LOCALIZATION TECHNIQUE BASED ON IMPROVED FASTER REGION-BASED CONVOLUTIONAL NEURAL NETWORK	MAIN SUPERVISOR	Graduated	26/02/2025
2	Muhammad Anwar Bin Ahmad	SPATIAL MAPPING FRAMEWORK FOR AUGMENTED REALITY OCCLUSION HANDLING USING HANDHELD AND DEPTH CAMERA FUSION	MAIN SUPERVISOR	Graduated	27/11/2024
3	Syed Khawar Nadeem Kirmani	FRACTIONAL ORDER DERIVATIVE ALGORITHM IN ENHANCING SPLINE CURVES FOR SHAPE PRESERVATION	MAIN SUPERVISOR	Graduated	20/04/2021
4	Alla Talib Mohsin	IMPROVED DEEP LEARNING FRAMEWORK OF IMAGE INDEXING AND RETRIEVAL	MAIN SUPERVISOR	On-Going	-
5	Nur Ameerah Binti Abdul Halim	A NEW 3D MESHES GENERATIVE MODEL FOR REAL-TIME AVATAR FACES RECONSTRUCTION IN METAVERSE	MAIN SUPERVISOR	On-Going	-
6	Li Yingying	HIGH-FIDELITY FACIAL EXPRESSION RECONSTRUCTION BASED ON GAN FOR 3D AVATAR IN VIRTUAL REALITY	CO-SUPERVISOR	On-Going	-
7	Noor Adibah Najihah Binti Mat Noor	Generating Identical Three Dimensional Facial Model Using Manipulated Parameter for Facial Expression Transfer	MAIN SUPERVISOR	On-Going	-
8	Bai Jin	IMPROVED 3D OBJECT MANIPULATION TO ENHANCED URBAN PLANNING DESIGN EXPERIENCE IN MIXED REALITY	CO-SUPERVISOR	On-Going	-
9	Hu Xinbin	Research on pedestrian detection and recognition methods	CO-SUPERVISOR	On-Going	-
10	Bambang Sugiarto	AUTOMATIC WOOD SPECIES CLASSIFICATION BASED ON POROSITY FEATURES EXTRACTION USING ARTIFICIAL NEURAL NETWORK (ANN)	MAIN SUPERVISOR	On-Going	-
11	Riyo Wardoyo	IMPROVING ACCURACY IMAGES CLASSIFICATION OF TROPICAL SEA PLANKTON USING DEEP LEARNING ALGORITHM	MAIN SUPERVISOR	On-Going	-
12	Su Wenlong	SLAM FOR AUTONOMOUS AGRICULTURAL ROBOT	MAIN SUPERVISOR	On-Going	-

No	Name	Title	Rolse of Supervision	Mode	Status	Date of Graduation (Based on Senate Letter)
SUPERVISION (MSc. Student)					
1	Saleh Saleh Hussein Al-Hashedi	A HYBRID MODEL FOR ARABIC AUTOMATIC QUESTION GENERATION ON TRANSFORMER MODEL WITH TEXTRANK	MAIN SUPERVISOR	RESEARCH	Graduated	30/08/2023
2	Nik Mohammad Wafiy Bin Azmi	ENHANCED IMAGE-BASED ALGORITHM FOR CONSTRUCTION OF THREE DIMENSIONAL ZAPIN ANIMATION FROM MONOCULAR VIDEO	MAIN SUPERVISOR	RESEARCH	Graduated	30/06/2022
3	Muneswary A/P Saminathan	ACQUIRED SKILL ASSESSMENT AND EFFECTIVENESS MODEL FOR SKILL-BASED E-LEARNING SYSTEMS	MAIN SUPERVISOR	RESEARCH	Graduated	27/07/2021
4	Ikmal Faiq Albakri Bin Mustafa Albakri	THREE-DIMENSIONAL KEYFRAME ANIMATION MOTION EXTRACTION AND RECONSTRUCTION FROM ZAPIN TRADITIONAL DANCE MONOCULAR VIDEOS	MAIN SUPERVISOR	RESEARCH	Graduated	15/06/2021
5	Muhammad Anwar Bin Ahmad	IMPROVED DEPTH-BASED SPATIAL MAPPING FRAMEWORK FOR HANDHELD AUGMENTED REALITY OCCLUSION HANDLING	MAIN SUPERVISOR	RESEARCH	Graduated	17/10/2019
6	Noor Adibah Najihah Binti Mat Noor	Generating Identical Three Dimensional Facial Model Using Manipulated Parameter for Facial Expression Transfer	MAIN SUPERVISOR	TAUGHT COURSE AND RESEARCH	Graduated	07/02/2017

No	Type	Category	Student Name	Organisation	Title	Year
INTERNAL AND EXTERNAL EXAMINATION					
1	EXTERNAL EXAMINATION	MSc.	-	-	Pemeriksa Luar Pelajar Sarjana - Raima Hassan (UMS)	2017
2	EXTERNAL EXAMINATION	MSc.	-	-	Pemeriksa Luar Tesis Sarjana (UMS) - Raima Hassim (MS1421112T)	2017
3	EXTERNAL EXAMINATION	Other	-	Kementerian Pelajaran Malaysia	Bengkel Kerja Pemeriksaan skrip jawapan Sains Komputer, Bahagian Matrikulasi, KPM	2012

No	Article Title	Journal Title	ISSN	Vol	Issue	Page	IF	Type of Publication	Category of Publication	Quartile Ranking	Author Role	Year
1	VIRTUAL EMPORIUM: ELEVATING SHOPPING EXPERIENCE WITH VIRTUAL REALITY IN DIGITAL MALL	IFMBE PROCEEDINGS	9783031 969911	128 IF MB E	0	747-759	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2025
2	AUGMENTED REALITY INTERACTION: A COMPREHENSIVE REVIEW OF GESTURE AND SPEECH INTEGRATION TECHNIQUES	NEURAL COMPUTING AND APPLICATIONS	0941064 3	37	0	11347-11377	0	PUBLICATION IN WEB OF SCIENCE	INDEXED PUBLICATION	0	CO-AUTHOR	2025
3	AUTISIM: A VIRTUAL REALITY SIMULATION GAME BASED ON THE AUTISM SPECTRUM DISORDER	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2158107 X	16	6	583-593	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2025
4	LIGHTWEIGHT MULTI-FEATURE FUSION GAN WITH DEFORMABLE ATTENTION FOR HMD-OCCLUDED FACE RECONSTRUCTION	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2158107 X	16	11	159-169	0	PUBLICATION IN WEB OF SCIENCE	INDEXED PUBLICATION	0	CO-AUTHOR	2025
5	Z-HANDAR: HANDHELD AUGMENTED REALITY OCCLUSION HANDLING FRAMEWORK USING WEBRTC-BASED DEPTH SENSOR STREAMING	INTERNATIONAL JOURNAL OF COMPUTING AND DIGITAL SYSTEMS	2210142 X	18	1	1-10	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2025
6	A DYNAMIC IMAGE RETRIEVAL FRAMEWORK BASED ON FUSION-BASED FEATURE EXTRACTION USING DEEP LEARNING	JOURNAL OF THEORETICAL AND APPLIED INFORMATION TECHNOLOGY	1992864 5	103	10	4387-4398	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2025
7	VR IMMERSIVE LEARNING FOR MECHANICAL TVET WORKSHOP: DESIGN CONSIDERATIONS	2025 INTERNATIONAL ELECTRONICS SYMPOSIUM IES 2025	9798331 554132	0	0	949-956	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2025
8	REVIEW OF 3D RECONSTRUCTION ON MOBILE DEVICES BASED ON EVALUATION METHODS	LECTURE NOTES ON DATA ENGINEERING AND COMMUNICATIONS TECHNOLOGIES	2367451 2	210	0	139-149	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CORRESPONDING AUTHOR	2024
9	IMPLEMENTATION OF REAL-TIME SPATIAL MAPPING FOR OCCLUSION-AWARENESS IN AUGMENTED REALITY	5TH INTERNATIONAL CONFERENCE ON SMART ELECTRONICS AND COMMUNICATION 2024 (ICOSEC 2024)	9798331 504403	0	0	1651-1656	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024
10	REAL-TIME FOOD SIMULATION USING REAL HAND GESTURE FOR	LECTURE NOTES IN NETWORKS AND SYSTEMS ((LNNS,VOLUME	2367337 0	958	0	249-258	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024

No.	Title	Source	ISSN/ISBN			Pages		Publication	Indexed		Author	Year
	MALAYSIA CULTURAL HERITAGE	958))										
11	DESIGNING HUMAN POSE RECOGNITION FOR YOGA POSTURE IN WEB-BASED AUGMENTED REALITY	2024 5TH INTERNATIONAL CONFERENCE ON SMART ELECTRONICS AND COMMUNICATION (ICOSEC 2024)	9798331504403	0	0	1543-1547	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024
12	AUTONOMOUS AGENT USING AI Q-LEARNING IN AUGMENTED REALITY LUDO BOARD GAME	COMMUNICATIONS IN COMPUTER AND INFORMATION SCIENCE	1865-0929	1983 CCIS	0	311-323	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024
13	VOICE COMMANDS WITH VIRTUAL ASSISTANT IN MIXED REALITY TELEPRESENCE	2ND INTERNATIONAL CONFERENCE ON ADVANCED ENGINEERING, TECHNOLOGY AND APPLICATIONS	978-3-031-50920-9	1983	0	148-158	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024
14	EMPOWERING SKILL-BASED LEARNING WITH AUGMENTED REALITY AND VIRTUAL REALITY: A CASE STUDY	DIGEST OF TECHNICAL PAPERS - IEEE INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS	21591423	0	0	225-229	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024
15	PRELIMINARY DEVELOPMENT OF VIRCADIA VIRTUAL REALITY PLATFORM FOR MONITORING WATER QUALITY POWERED BY SOLAR PANELS	INTERNATIONAL JOURNAL ON INFORMATICS VISUALIZATION	25499904	8	3.2	1724-1734	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024
16	ARABIC AUTOMATIC QUESTION GENERATION USING TRANSFORMER MODEL	AIP CONFERENCE PROCEEDINGS	0094243X	2991	1	050035-050035	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024
17	SYNERGISTIC INTEGRATION OF TRANSFER LEARNING AND DEEP LEARNING FOR ENHANCED OBJECT DETECTION IN DIGITAL IMAGES	IEEE ACCESS	2169-3536	12	0	13525-13536	3.9	PUBLICATION IN WEB OF SCIENCE	INDEXED PUBLICATION	2	CO-AUTHOR	2024
18	RGBD DEPTH SENSOR FRAME DATA STREAMING TO HANDHELD DEVICE USING WEBRTC-BASED FRAMEWORK	DIGEST OF TECHNICAL PAPERS - IEEE INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS	21591423	0	0	220-224	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024
19	WOOD SPECIES CLASSIFICATION BASED ON WOOD POROSITY DISTRIBUTION OF MACROSCOPIC IMAGE	DIGEST OF TECHNICAL PAPERS - IEEE INTERNATIONAL CONFERENCE ON CONSUMER ELECTRONICS	21591423	0	0	230-235	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024
20	OCCLUSION HANDLING FOR AUGMENTED REALITY ENVIRONMENT USING NEURAL NETWORK IMAGE SEGMENTATION: A REVIEW	AIP CONFERENCE PROCEEDINGS	0094243X	2991	1	050031-050031	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2024

No	Title	Journal	ISSN	Vol	Issue	Pages	IF	Database	Indexed	No.	Role	Year
21	LIFE-SIZE TELEPRESENCE USING HOLOGRAPHIC DISPLAY	INDONESIAN JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE	2502-4752	32	1	537-544	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2023
22	CNN DEEP LEARNING-BASED IMAGE TO VECTOR DEPICTION	MULTIMEDIA TOOLS AND APPLICATIONS	13807501	82	13	20283-20302	2.577	PUBLICATION IN WEB OF SCIENCE	INDEXED PUBLICATION	2	CO-AUTHOR	2023
23	SEGMENTATION METHOD OF DETERMINISTIC FEATURE CLUSTERING FOR IDENTIFICATION OF BRAIN TUMOR USING MRI	IEEE ACCESS	2169-3536	11	0	39695-39712	3.476	PUBLICATION IN WEB OF SCIENCE	INDEXED PUBLICATION	2	CO-AUTHOR	2023
24	MULTI-SCALE INTERACTIONS BETWEEN AUGMENTED REALITY AND VIRTUAL REALITY USERS IN MIXED REALITY ENVIRONMENT	JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY	2462-1943	30	3	32-44	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2023
25	MELANOMA SKIN CANCER CLASSIFICATION BASED ON CNN DEEP LEARNING ALGORITHMS	MALAYSIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES (MJFAS)	2289-5981 / 2289-599X	19	3	299-305	0	PUBLICATION IN WEB OF SCIENCE	INDEXED PUBLICATION	0	CO-AUTHOR	2023
26	REVIEW OF MODEL-BASED TECHNIQUES IN AUGMENTED REALITY OCCLUSION HANDLING	LECTURE NOTES IN NETWORKS AND SYSTEMS	2367-3370	673	0	629-641	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2023
27	SUMMONING METHOD USING FREEHAND INTERACTION FOR OCCLUDED OBJECT SELECTION IN HANDHELD AUGMENTED REALITY	JOURNAL OF ADVANCED RESEARCH IN APPLIED SCIENCES AND ENGINEERING TECHNOLOGY	2462-1943	30	1	228-242	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2023
28	DESIGN A CRIME DETECTION SYSTEM BASED FOG COMPUTING AND IOT	MALAYSIAN JOURNAL OF FUNDAMENTAL AND APPLIED SCIENCES (MJFAS)	2289-5981 / 2289-599X	19	3	345-354	0	PUBLICATION IN WEB OF SCIENCE	INDEXED PUBLICATION	0	CO-AUTHOR	2023
29	REVIEW ON FACIAL EXPRESSION MODELING	BULLETIN OF ELECTRICAL ENGINEERING AND INFORMATICS	2089-3191	11	2	779-784	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2022
30	DEEP LEARNING ALGORITHMS-BASED OBJECT DETECTION AND LOCALIZATION REVISITED	JOURNAL OF PHYSICS: CONFERENCE SERIES	17426588	1893	1	012001-012001	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2021
31	3D KEYFRAME MOTION EXTRACTION FROM ZAPIN TRADITIONAL DANCE VIDEOS	LECTURE NOTES IN ELECTRICAL ENGINEERING: COMPUTATIONAL SCIENCE AND TECHNOLOGY	18761100	603	0	65-74	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
32	DESIGN AND DEVELOPMENT OF LEARNING MATHEMATICS GAME FOR PRIMARY SCHOOL USING HANDHELD	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	1757899X	979	1	012014-012014	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020

	AUGMENTED REALITY										
33	NEEDS ANALYSIS FOR THE DEVELOPMENT OF INTERACTIVE VIRTUAL REALITY-BASED EDUCATIONAL MEDIA ON COMBUSTION ENGINE MECHANICAL TECHNOLOGY	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	1757899X	979	1	012006 - 012006	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
34	CULTURAL HERITAGE PRESERVATION EFFORTS IN MALAYSIA: A SURVEY	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	1757899X	979	0	012008 - 012008	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CORRESPONDING AUTHOR	2020
35	VIRTUAL REALITY LEARNING ENVIRONMENTS FOR VOCATIONAL EDUCATION: A COMPARATIVE STUDY WITH CONVENTIONAL INSTRUCTIONAL MEDIA ON TWO-STROKE ENGINE	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	1757899X	979	1	012015 - 012015	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
36	INTERACTIVE MOBILE GAMES DEVELOPMENT FOR CHILDREN TO LEARN ABOUT MONEY	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	1757899X	979	1	012018 - 012018	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
37	FUZZY LOGIC CONTROLLER FOR CLASSROOM AIR CONDITIONER	JOURNAL OF PHYSICS: CONFERENCE SERIES	17426596	1484	1	0-0	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
38	AUGMENTED REALITY BATTLESHIP BOARD GAME WITH HOLOGRAPHIC DISPLAY	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	1757899X	979	1	012013 - 012013	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
39	EDUCATIONAL SCIENCE GAME FOR EARLY PRIMARY SCHOOL	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	1757899X	979	1	012012 - 012012	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
40	FACIAL EXPRESSION TRANSFER USING GENERATIVE ADVERSARIAL NETWORK : A REVIEW	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	1757899X	864	1	1-7	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
41	3D MOTION AND SKELETON CONSTRUCTION FROM MONOCULAR VIDEO	LECTURE NOTES IN ELECTRICAL ENGINEERING: COMPUTATIONAL SCIENCE AND TECHNOLOGY	18761100	603	0	75-84	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
42	EDUCATIONAL MOBILE GAME FOR LEARNING ENGLISH WORDS	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	1757899X	979	1	012007 - 012007	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020
43	MATH TEACHING AIDS IN SHAPE TOPICS FOR PT3 STUDENTS	IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING	01757899X	979	1	012019 - 012019	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2020

44	PRELIMINARY WORK ON DESIGN THINKING: ADDRESSING CHALLENGES USING LOW-FIDELITY PROTOTYPING WITH RURAL TEENAGERS	THE 2018 INTERNATIONAL CONFERENCE ON ICT FOR RURAL DEVELOPMENT (IC-ICT RUDEV)	9781538 677810	0	0	158-161	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2019
45	SHAPE PRESERVING FRACTIONAL ORDER KNR C-1 CUBIC SPLINE	EUROPEAN PHYSICAL JOURNAL PLUS	2190544 4	134	7	319-319	3.228	PUBLICATION IN WEB OF SCIENCE	INDEXED PUBLICATION	1	CO-AUTHOR	2019
46	FRACTIONAL ORDER CUBIC SPLINE	INTERNATIONAL JOURNAL OF ADVANCES IN SOFT COMPUTING AND ITS APPLICATION (IJASCA)	2074852 3	10	3	179-189	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2018
47	DIGITAL IMAGE ENHANCEMENT USING ENHANCED DETAIL AND DEHAZE TECHNIQUE (DDE)	ADVANCED SCIENCE LETTERS	1936661 2	24	3	1559-1561	0	PUBLICATION IN WEB OF SCIENCE	INDEXED PUBLICATION	0	CO-AUTHOR	2018
48	LAND USE/LAND COVER MAPPING FOR CONSERVATION OF UNESCO GLOBAL GEOPARK USING OBJECT AND PIXEL-BASED APPROACHES	IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE	1755130 7	169	0	012075 - 012075	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2018
49	USABILITY TESTING ON GAME INTERFACE DESIGN USING VIDEO-BASED BEHAVIOR ANALYSIS	INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY(UAE)	2227524 X	7	2	142-145	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2018
50	SPATIO-TEMPORAL ANALYSIS OF RIVER MORPHOLOGICAL CHANGES AND EROSION DETECTION USING VERY HIGH RESOLUTION SATELLITE IMAGE	IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE	1755130 7	169	0	012020 - 012020	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CO-AUTHOR	2018
51	SPHERE ENCAPSULATED ORIENTED-DISCRETE ORIENTATION POLYTOPES (S-DOP) COLLISION CULLING FOR MULTI-, RIGID BODY DYNAMIC	JURNAL TEKNOLOGI	0127969 6	75	2	97-103	0	PUBLICATION IN SCOPUS	INDEXED PUBLICATION	0	CORRESPONDING AUTHOR	2015

No	Type	Title	Author Role	Year
	OTHER PUBLICATION			
1	PROCEEDINGS	CHEMMR-AI LAB: TRANSFORMING CHEMISTRY EXPERIMENTS — BRIDGING HANDS-ON REACTIONS WITH AI-GUIDED MIXED REALITY	CO-AUTHOR	2025
2	BOOK CHAPTER	DATA ACQUISITION USING DUAL RGB-D CAMERAS	CO-AUTHOR	2025
3	PROCEEDINGS	POLYLINGUAR: REIMAGINING LANGUAGE LEARNING - AI AND AR FOR THE NEXT-GEN EDUCATOR	CO-AUTHOR	2025
4	BOOK CHAPTER	BOARD GAMES IN HANDHELD AUGMENTED REALITY	CO-AUTHOR	2024
5	PROCEEDINGS	MAT METRO: INNOVATIVE SKILL-BASED TVET SOLUTION BEYOND CLASSROOM	CORRESPONDING AUTHOR	2024
6	BOOK CHAPTER	TRADITIONAL FOOD-MAKING SIMULATION	CO-AUTHOR	2024
7	BOOK CHAPTER	TRADITIONAL GAME FOR CULTURAL HERITAGE	CO-AUTHOR	2024
8	PROCEEDINGS	UTM DIANA INTELLIGENCE AVATAR AS EDUCATOR TOWARDS SAFER SOCIETY IN THE DIGITAL WORLD	CO-AUTHOR	2024
9	PROCEEDINGS	UTM EDU-METAVERSE IMMERSIVE LEARNING WITH AI ASSISTANT	CO-AUTHOR	2024
10	JOURNAL ARTICLE NON CITATION-INDEXED	DIGITAL PRESERVATION OF RUMAH TUKANG KAHAR FOR CULTURAL HERITAGE TOURISM	CO-AUTHOR	2023
11	PROCEEDINGS	MEVALS: A MODEL ON EVALUATION OF SKILL-BASED E-LEARNING SYSTEM	CO-AUTHOR	2023
12	CONFERENCE PAPER	ARABIC AUTOMATIC QUESTION GENERATION USING TRANSFORMER MODEL	CO-AUTHOR	2022
13	CONFERENCE PAPER	OCCLUSION HANDLING FOR AUGMENTED REALITY ENVIRONMENT USING NEURAL NETWORK IMAGE SEGMENTATION: A REVIEW	CO-AUTHOR	2022
14	JOURNAL ARTICLE NON CITATION-INDEXED	TRAINING EVALUATION MODELS FOR SKILL-BASED E-LEARNING SYSTEM: A SYSTEMATIC LITERATURE REVIEW	CO-AUTHOR	2021
15	PROCEEDINGS	FROM DATA TO DECISION: HOW BIG DATA CAN BE USED TO SUPPORT THE PROCESS OF SELECTING CANDIDATES FOR TOP POSITIONS IN UNIVERSITIES	CO-AUTHOR	2020
16	BOOK CHAPTER	POSITION-AWARE 3D FACIAL EXPRESSION MAPPING USING RAY CASTING AND BLENDSHAPE	CO-AUTHOR	2020
17	BOOK CHAPTER	GAME MONETIZATION: CONCEPT AND PRACTICE	CO-AUTHOR	2019
18	CONFERENCE PAPER	SCAN-ME: THE DEVELOPMENT OF AUGMENTEDREALITY APPLICATION PROTOTYPEUSING INFORMATION, INTERFACE AND INTERACTION ASPECT	CO-AUTHOR	2019
19	BOOK CHAPTER	THE PRINCIPLES OF GOOD GAME DESIGN	CORRESPONDING AUTHOR	2019
20	CLASIFIED/TECHNICAL REPORT	-	CO-AUTHOR	2018
21	PROCEEDINGS	3D FACIAL EXPRESSION ANIMATIONAUTOMATION: A REVIEW	CO-AUTHOR	2018
22	CONFERENCE PAPER	3D FACIAL EXPRESSION MAPPING USING RAY CASTING AND BLENDSHAPE	CO-AUTHOR	2018
23	PUBLICATION IN ACADEMIC AND PROFESIONAL MAGAZINE	ASEAN RESEARCHERS SHARE THEIR ADVICE ON GETTING INVOLVED IN HORIZON 2020-FUNDED RESEARCH	CORRESPONDING AUTHOR	2018
24	PROCEEDINGS	DEVELOPMENT OF BLOCK BUILDING GAME IN A 3D VIRTUAL ENVIRONMENT USING HAND GESTURE INTERACTION	CO-AUTHOR	2018
25	PROCEEDINGS	HAND GESTURE INTEGRATION OF 3D VIRTUAL RUBIK'S CUBE USING LEAP MOTION	CO-AUTHOR	2018
26	PROCEEDINGS	HAND GESTURE INTEGRATION OF CONGKAK IN 3D VIRTUAL ENVIRONMENT	CO-AUTHOR	2018

27	CONFERENCE PAPER	POSITION-AWARE 3D FACIAL EXPRESSION MAPPING USING RAY CASTING AND BLENDSHAPE	CO-AUTHOR	2018
28	CONFERENCE PAPER	REVIEW ON 3D FACIAL ANIMATION TECHNIQUES	CO-AUTHOR	2018
29	JOURNAL ARTICLE NON CITATION-INDEXED	REVIEW ON 3D FACIAL ANIMATION TECHNIQUES	CO-AUTHOR	2018
30	CONFERENCE PAPER	ASSESSMENT OF MANGROVE HABITAT AND RIVER SHORELINE EROSION BASED ON SEA LEVEL RISE AND UNMANNED AERIAL VEHICLE SYSTEM	CO-AUTHOR	2017
31	PROCEEDINGS	AUDIO-INDUCED INTERACTION VIRTUAL REALITY GAME	CO-AUTHOR	2017
32	PROCEEDINGS	DEVELOPMENT OF PICK UP STICKS GAME IN A 3D VIRTUAL ENVIRONMENT USING LEAP MOTION	CO-AUTHOR	2017
33	PUBLICATION IN ACADEMIC AND PROFESIONAL MAGAZINE	IN FOCUS: GETTING INVOLVED IN H2020 RESEARCH CONSORTIA: ASEAN RESEARCHERS SHARE THEIR EXPERIENCE	CORRESPONDING AUTHOR	2017
34	CONFERENCE PAPER	LAND COVER MAPPING OF LANGKAWI GEOPARK USING OBJECT-BASED AND PIXEL-BASED CLASSIFICATION APPROACHES	CO-AUTHOR	2017
35	CONFERENCE PAPER	MAPPING MANGROVE FOREST IN KILIM GEOFOREST PARK USING REMOTE SENSING TECHNIQUE	CO-AUTHOR	2017
36	CONFERENCE PAPER	RIVERBANK EROSION MAPPING USING HIGH RESOLUTION SATELLITE IMAGE AND UNMANNED AERIAL VEHICLE (UAV) APPROACH	CO-AUTHOR	2017
37	CONFERENCE PAPER	RIVERBANK EROSION MAPPING USING REMOTE SENSING DATA AND UNMANNED AERIAL VEHICLE SYSTEM	CO-AUTHOR	2017
38	CLASIFIED/TECHNICAL REPORT	-	CO-AUTHOR	2016
39	MODULES / MANUAL	-	CO-AUTHOR	2016
40	CONFERENCE PAPER	A SURVEY OF CULTURAL HERITAGE PRESERVATION EFFORTS IN MALAYSIA	CORRESPONDING AUTHOR	2016
41	PROCEEDINGS	APLIKASI PESANAN MAKANAN TELEFON PINTAR	CORRESPONDING AUTHOR	2016
42	JOURNAL ARTICLE NON CITATION-INDEXED	BROAD PHASE COLLISION DETECTION USING GRAPHICS PROCESSING UNIT	CORRESPONDING AUTHOR	2016
43	CONFERENCE PAPER	EXPERIMENTING CONSUMER HARDWARE TOWARDS NATURAL USER INTERACTION	CORRESPONDING AUTHOR	2016
44	CONFERENCE PAPER	OVERVIEW OF NON-PHOTOREALISTIC RENDERING TECHNIQUES	CO-AUTHOR	2016
45	CONFERENCE PAPER	TIME-CRITICAL COLLISION CULLING FOR MASSIVE RIGID BODY SIMULATION	CORRESPONDING AUTHOR	2016
46	PROCEEDINGS	BROAD PHASE COLLISION DETECTION USING MULTI-CORE PROCESSOR	CORRESPONDING AUTHOR	2014
47	PROCEEDINGS	COLLISION DETECTION: REVIEW OF METHODS AND RECENT ADVANCES IN CROWD SIMULATION	CORRESPONDING AUTHOR	2014
48	JOURNAL ARTICLE NON CITATION-INDEXED	DYNAMIC FIELD OF VIEW AS COLLISION DETECTION FOR AUTONOMOUS MULTI-AGENT	CORRESPONDING AUTHOR	2014
49	CONFERENCE PAPER	EVALUATING SPHERE-ENCAPSULATED OR-DOPS COLLISION CULLING FOR HUMANOID MODEL SIMULATION	CORRESPONDING AUTHOR	2014
50	JOURNAL ARTICLE NON CITATION-INDEXED	EVALUATING THE EFFECTS OF IMPROVED COLLISION HANDLING METHOD IN VIRTUAL REALITY MUSICAL MUSEUM BASED ON USER EXPERIENCE MEASUREMENT	CORRESPONDING AUTHOR	2014
51	JOURNAL ARTICLE NON CITATION-INDEXED	HYBRID COLLISION CULLING BY BOUNDING VOLUMES MANIPULATION IN MASSIVE RIGID BODY SIMULATION	CORRESPONDING AUTHOR	2013
52	CONFERENCE PAPER	A Survey of 3D Articulated Figure Animation	CORRESPONDING AUTHOR	2008

53	BOOK CHAPTER	Character animation	CORRESPONDING AUTHOR	2008
54	CONFERENCE PAPER	Collision Detection for Avatars in Virtual Environments : A Comparative Study	CORRESPONDING AUTHOR	2008
55	BOOK CHAPTER	Dynamic selection based method for physical based deformation	CORRESPONDING AUTHOR	2008
56	CONFERENCE PAPER	Experimental set-up for a quarter car hydraulically Actuated Active Suspension System Test Rig	CORRESPONDING AUTHOR	2008
57	JOURNAL ARTICLE NON CITATION-INDEXED	Hydraulically Actuated Active Suspension System with Proportional Integral Sliding Mode Control	CORRESPONDING AUTHOR	2008
58	CONFERENCE PAPER	Modeling and Control of Active Suspension System with Hydraulic Actuator	CORRESPONDING AUTHOR	2008
59	BOOK CHAPTER	Modeling fish and its movement	CORRESPONDING AUTHOR	2008
60	CONFERENCE PAPER	Proportional Integral Sliding Mode Control For the Half-Car Active Suspension System with Hydraulic Actuator	CORRESPONDING AUTHOR	2008
61	BOOK CHAPTER	Character animation	CORRESPONDING AUTHOR	2007
62	BOOK CHAPTER	Dynamic selection based method for physical based deformation	CORRESPONDING AUTHOR	2007
63	BOOK CHAPTER	Fractal in modeling natural objects	CORRESPONDING AUTHOR	2007

No	Role	Title of Programme	Level of Program	Location	Date
		PLENARY/ CHAIRPERSON/ ORAL POSTER PRESENTER/ KEYNOTE ADDRESS/ INVITED GUEST SPEAKER			
1	INVITED SPEAKER	PROFESSINAL CERTIFICATION DATA SCIENCE-VISUALIZATION FOR DATA SCIENCE-DEC23	UNIVERSITI	-	04/12/2023
2	INVITED SPEAKER	PROFESSINAL CERTIFICATION DATA SCIENCE-VISUALIZATION FOR DATA SCIENCE-NOV23	UNIVERSITI	-	27/11/2023
3	INVITED SPEAKER	PROFESSINAL CERTIFICATION DATA SCIENCE-VISUALIZATION FOR DATA SCIENCE-AUG 23	UNIVERSITI	-	17/08/2023
4	INVITED SPEAKER	UTM VICUBELAB EXPERT TALK	FAKULTI	-	17/01/2023
5	INVITED SPEAKER	SPEAKER PROGRAM VICUBEXPERT TALK SERIES 2023	FAKULTI	-	31/12/2022
6	INVITED SPEAKER	UITM FACULTY OF INFORMATION MANAGEMENT'S (FIM) WEBINAR SERIES 2021	KEBANGSAAN	-	26/01/2022
7	KEYNOTE SPEAKER	INTERNATIONAL CONFERENCE ON VIRTUAL AND MIXED REALITY INTERFACES 2020 (ICVRMR2020) - KEYNOTE2	ANTARABANGSA	-	16/11/2020
8	INVITED SPEAKER	EURAXCESS WEBINAR ON EUROPEAN RESEARCH FUNDING OPPORTUNITIES - 19MAY2020	ANTARABANGSA	UNIVERSITI MALAYSIA KELANTAN	19/05/2020
9	INVITED SPEAKER	EUROPEAN FUNDING OPPORTUNITIES & EURAXESS-INVITED SPEAKER	UNIVERSITI	-	12/05/2020
10	INVITED SPEAKER	EURAXESS ASEAN - GRANT PROPOSAL WRITING WORKSHOP	ANTARABANGSA	-	10/12/2019
11	INVITED SPEAKER	INTRODUCTION TO COMPUTER VISION PROGRAMMING USING OPENVINO RESEARCH COLLOQUIUM	FAKULTI	-	17/09/2019
12	INVITED SPEAKER	EUROPEAN RESEARCH DAY 2019 (ERD 2019)	ANTARABANGSA	KUALA LUMPUR	27/08/2019
13	INVITED SPEAKER	MARIE SKLODOWSKA CURIE INDIVIDUAL AND GLOBAL FELLOW (MSCA-IF-GF) RESEARCH SEMINAR	FAKULTI	-	07/08/2019
14	INVITED SPEAKER	BENGKEL "RESEARCH-BASED STREAM" PSM 1	FAKULTI	SC	19/03/2019
15	INVITED SPEAKER	BRIEFING ON EUROPEAN GRANTS	FAKULTI	SC	16/01/2019
16	INVITED SPEAKER	European Research Day 2018 @USM - "What makes a research proposal successful"	ANTARABANGSA	EURAXESS ASEAN	26/11/2018
17	INVITED SPEAKER	Horizon 2020 @ USIM- "How to establish research links with European partners"	ANTARABANGSA	EURAXESS ASEAN & RMC USIM	05/09/2018
18	INVITED SPEAKER	Horizon 2020 @ UNITEN - "How to establish research links with European partners"	ANTARABANGSA	EURAXESS ASEAN & UNITEN	05/09/2018
19	PLENARY SPEAKER	Pembentang Jemputan (Mathematics & Computer Science) - International Conference Between HZU and UTM 2017	ANTARABANGSA	-	28/11/2017
20	INVITED SPEAKER	Jemputan sebagai penceramah Bengkel Informatik iCARE UTM-KEJORA 22 Mei 2016	KOMUNITI / DAERAH	-	22/05/2016
21	INVITED SPEAKER	Penceramah Bengkel Penggunaan ICT dalam P&P untuk Kolej Sains Kesihatan Bersekutu (KSKB) Johor Bahru	KEBANGSAAN	-	16/02/2016
22	INVITED SPEAKER	Bengkel Informatik Pendidikan iCARE	KOMUNITI / DAERAH	KEJORA/UTM	15/09/2015
23	INVITED SPEAKER	Bengkel Informatik Pendidikan iCARE	KOMUNITI / DAERAH	KEJORA/UTM	27/08/2015
24	KEYNOTE SPEAKER	KIT-UTM INTERNATIONAL SEMINAR ON DIGITAL MEDIA AND GAMES INNOVATION 2014	ANTARABANGSA	Kyushu Institute of Technology - UTM	07/04/2014

PROFESSIONAL SERVICES (Entrepreneurship)

No	Name of Corporation / Entity	Category / Role	Total Income Generated (RM)
1		HICOE management/agency :	0

PROFESSIONAL SERVICES (Community Project and University Services)

No	Role	Title of Programme	Level	Location	Date	Total Income Generated (RM)
1	NORHAIDA BINTI MOHD SUAIB (LEADER)	Creativity Spark Programme Series: Image and Video Editing Short Course			09/04/2016	

PROFESSIONAL SERVICES (Endowment and Wakaf to University)

No	Name of Endowment and Wakaf	Total Contribution (RM)
1	Program Sambutan 50 Tahun UTM	0.1
2	Skim Potongan Zakat Berjadual (PZB) Pusat Islam UTM	10

PROFESSIONAL SERVICES (Commercialisation)

No	Role	Name of Product Commercialisation	Date	Total Income Generated (RM)
	NONE			

PROFESSIONAL SERVICES (Grant based on innovation and University Commercialisation Product)

No	Name of Grant	Role	Category of Grant	Type of Grant	Vot No.	Start Date	End Date	Amount (RM)
1	Digital 3D Zapin Melayu Johor Dance Data	PROJECT LEADER	UTM	Tier 1		01/10/2016	31/03/2018	40000.00
2	Enhanced Facial Expression Generation Using Ray Casting and Position-aware Algorithm for Dance Animation FAERY	PROJECT LEADER	UTM	Fundamental Research Grant Scheme		15/08/2017	14/12/2019	72928.00
3	ZapinMAIA: Zapin Melayu Johor Virtual Exhibition on Metaverse with AI Virtual Assistant	PROJECT LEADER	UTM	DIGITAL-INFUSED GRANT		15/11/2024	14/11/2025	43760.00
4	Interactive Museum Experience using Mobile VR (iMuseVR)	-	OTHERS	-	-	-	-	-
5	Virtual Congkak using Natural Gesture Interaction	-	OTHERS	-	-	-	-	-
6	Virtual Reality Skill-based Experience for Dry Iron Servicing (ViRSEDIS)	-	OTHERS	-	-	-	-	-
7	Virtual Reality Earthquake Preparedness Experience (VREP)	-	OTHERS	-	-	-	-	-
8	COLLEGE FAULTY ITEMS COMPLAINT APPLICATION COLFIC	-	OTHERS	-	-	-	-	-
9	Digital Preservation of Traditional Guli Game with Natural Hand Gesture	-	OTHERS	-	-	-	-	-

No	Name / Title	Type	Status
	PROFESSIONAL SERVICES (Copyright, Patent Granted and Filing)		
1	A Dashboard Design on Talent Analytics Recommender System	COPYRIGHT	APPROVED
2	An Intelligent Avatar with AI-Driven Speech Dialogue System	COPYRIGHT	APPROVED
3	COLLEGE FAULTY ITEMS COMPLAINT APPLICATION COLFIC	COPYRIGHT	APPROVED
4	Digital 3D Zapin Melayu Johor Dance Data	COPYRIGHT	APPROVED
5	Digital Preservation of Traditional Guli Game with Natural Hand Gesture	COPYRIGHT	APPROVED
6	Enhanced Facial Expression Generation Using Ray Casting and Position-aware Algorithm for Dance Animation FAERY	COPYRIGHT	APPROVED
7	Human-like Avatar Assistant in Live Hologram System	COPYRIGHT	APPROVED
8	Interactive Museum Experience using Mobile VR (iMuseVR)	COPYRIGHT	APPROVED
9	Multiple Markers Interaction of Animals Behavior for Preschool Education in Augmented Reality	COPYRIGHT	APPROVED
10	USER INTERFACE (UI) SCENES DESIGN OF TRADITIONAL FOOD NYONYA CUISINE PULUT PANGGANG SIMULATION.	COPYRIGHT	APPROVED
11	Virtual Congkak using Natural Gesture Interaction	COPYRIGHT	APPROVED
12	Virtual Reality Earthquake Preparedness Experience (VREP)	COPYRIGHT	APPROVED
13	Virtual Reality Hand Gesture Interaction Module of Traditional Nyonya Cuisine Pulut Panggang Simulation	COPYRIGHT	APPROVED
14	Virtual Reality Skill-based Experience for Dry Iron Servicing (ViRSEDIS)	COPYRIGHT	APPROVED
15	WORKFLOW APPLICATION FOR TRADITIONAL FOOD SIMULATION	COPYRIGHT	APPROVED
16	Real-Time Cloud Modelling For Virtual Environment	PATENT	APPROVED
17			