

FSKIK

FAKULTI SENI, KOMPUTERAN DAN INDUSTRI KREATIF

FACULTY OF ARTS, COMPUTING AND CREATIVE INDUSTRY



BUKU PANDUAN AKADEMIK Academic Guide Book PROGRAM PENGAJIAN SISWAZAH Post Graduate

SESI 2021/2022 2021/2022 Session



FACULTY OF ART, COMPUTING AND CREATIVE INDUSTRY

THE GUIDEBOOK OF GRADUATE STUDY PROGRAMS Academic Session 2021/2022

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السه لام عليكم

All praise is due to Allah SWT for whose blessings enabled the faculty to produce the *Guidebook of Graduate Study Programs 2020/2021*. This guidebook serves as an important document to which graduate students of the Faculty of Art, Computing, and Creative Industry (FSKIK) should refer throughout their study in the Sultan Idris Education University (UPSI). This guidebook introduces students the faculty and its departments together with the various academic programs offered. The year 2021 significantly marks the eleventh year of the establishment of FACCI that provides a number of unique programs that focus on the elements of art, multimedia, and computer science

In line with the UPSI slogan – "No. 1 Education University" – FSKIK strives to offer unique graduate programs based on both coursework and research modes. Moreover, with flexible learning and research of various graduate programs and excellent facilities, students will be able to learn in conducive and stimulating environments. In addition to pursuing academic excellence, students will also learn and practice good morals and ethics that help develop and nurture a strong academic culture in the campus.

As outlined in the guidebook, student learning that has been carefully and meticulously planned can help realise the intended program outcomes, the impact of which can help propel our nation of various creeds and ethnicities to greater heights. Finally, I hope this guidebook can be fully used by all graduate students to help guide your study with the ultimate aim of becoming a truly deserving graduates and future experts in the discipline of your interest.

"NO.1 EDUCATION UNIVERSITY"

Assoc. Prof. Dr. Mohd Zahuri b Khairani

Dean,

Faculty of Art, Computing and Creative Industry.

BACKGROUND OF UPSI

In the history of national education, Universiti Pendidikan Sultan Idris (UPSI) is an iconic public institution of higher learning. From a humble but significant inception as a small teachers training college, this institution has now become a reputable full-fledged, comprehensive education university in Malaysia, spanning three eras in its development. The first era saw the establishment of Sultan Idris Training College (SITC) on 29 November 1922 – the first of its kind in then Malaya – which operated until 1957. Then, the second era followed with the upgrading of the previous teachers training college into Maktab Perguruan Sultan Idris (MPSI), which operated in 1957 until 1987. Later, Institut Perguruan Sultan Idris (IPSI) came into being on the 21 February 1987 that lasted until April 1997, the year in which UPSI was established.

Clearly, these three eras spanning 75 years highlight the continual process of training of teachers undertaken by this institution – a remarkable feat by any standard. On the 1 May 1997, this institution was conferred with a full public education university status, which was incorporated under the *Perintah Universiti Pendidikan Sultan Idris (Perbadanan) 1997* and *Perintah Universiti Pendidikan Sultan Idris (Kampus) 1997* through the Government Gazette P.U (A) 132 and 133 dated 24 February 1997.

In its early beginning, there were only four faculties, namely the Faculty of Language, the Faculty of Social Science and Art, the Faculty of Science and Technology, and the Faculty of Cognitive Science and Humans Development. Gradually, the number of academic programs grew with each passing year. As such, in 2002, two new faculties were introduced, namely the Faculty of Information Technology and Communication and the Faculty of Business and Economy, thus increasing the number of faculties to six, with 19 undergraduate programs. The increase in the number of programs offered underscored the imperative to meet the demands of increasing number of undergraduates and academics. In the same year, the Faculty of Sports Science was established and the Faculty of Social Science and Art was renamed as the Faculty of Art and Music, thus increasing the number of faculties and academic programs to eight and 32, respectively.

In 2010, a major restructuring exercise was carried out to improve the competitiveness of UPSI to help realize its vision and missions as a pioneer in innovation and creativity, research, commercialisation, high-impact and creative design, and in the development of creative workforce to help improve the nation's economy. Through this restructuring initiative, several new faculties were established as follows:

- 1. Faculty of Art, Computing and Creative Industry
- 2. Faculty of Science and Mathematics
- 3. Faculty of Language and Communication
- 4. Faculty of Sports Science and Coaching
- 5. Faculty of Humanities
- 6. Faculty of Music and Performing Art
- 7. Faculty of Humans Development

- 8. Faculty of Management and Economy, and
- 9. Faculty of Technical and Vocational



VISION, MISSION, MOTTO AND AIMS OF UPSI

VISION

To become an excellent university that plays a leading role in educational leadership and spearhead efforts in facing global challenges.

MISSION

To develop and foster strong knowledge of teaching, research, publication, and consultation that contribute to the sound development of a vibrant and knowledgeable society as encapsulated in the nation's vision.

ΜΟΤΤΟ

NO.1 EDUCATION UNIVERSITY

AIMS

To achieve the above mission, UPSI will strive to:

- Uphold a high level of sincerity and honesty in intellectual activities by exploring and questioning the accepted truth that will lead to the development, expansion, and enhancement of knowledge.
- Promote continual contributions to help develop and enrich knowledge, especially in the use of Malay Language, in diverse fields.
- Share knowledge through intellectual activities, including information networking, education, publication, and consultation, locally and internationally.
- Nurture individuals' potentials to make them become learned, morally upright, knowledgeable, and highly patriotic.
- Encourage the members of community to be more emphatic such that they will be able to contribute to the society and the nation, particularly in nurturing the spirit of nationalism and patriotism that helps develop a strong Malaysian race and improve universal wellbeing.

TOP MANAGEMENT OF UPSI



Vice Chancellor Professor Dato' Dr. Md Amin Md Taff Mamin@fskkj.upsi.edu.my



Deputy Vice Chancellor (Academic & Internationalization) Professor Dr. Marzita Puteh +605-4506018



Deputy Vice Chancellor (Research & Innovation) Prof. Dr. Suriani bt Abu Bakar (Deputy Vice Chancellor (Research & Innovation)) # +605-4506666 Suriani@fsmt.upsi.edu.my





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Treasurer En. Mohamad Najib b Mohamed +605-4506359 najib@bendahari.upsi.edu.my

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Director of the Department of Developments and Assets Management Ir. Zulkefly bin Mohd Yusof ☎ +605-4506111 ⊠ zulkefly@jpphb.upsi.edu.my

BACKGROUND, VISION, AND ESTABLISHMENT OF FACULTY

BACKGROUND OF FACULTY

In keeping abreast with the latest advancements and emerging national needs, the seventysecond senate meeting, which was held on the 15 September 2009, approved the proposal to restructure all faculties of UPSI. This restructuring effort helped streamline the running of academic programs of various faculties and to combine existing faculties and departments into several appropriate faculties. Later, on the 1 June 2010, the Faculty of Information and Communication Technology and the Faculty of Art and Music were combined to become the Faculty of Art, Computing and Creative Industry. Currently, this faculty consists of three departments, namely the Department of Art and Design, Department of Computing and Department of Creative Multimedia,

VISION OF FACULTY

Manifesting Collaborative Creativity

OBJECTIVES OF THE ESTABLISHMENT OF THE FACULTY

- To emphasize the design, development, implementation, and promotion of creative art and design outputs.
- To improve and facilitate the sharing of expertise in academic programs, teaching and learning, research, and publication.
- To create new academic programs that are relevant with the latest and future technological developments, notably in art, computing, and digital technology.

ADMISSION REQUIREMENTS

The entry requirements for Master's programs are as follows:

- i. Candidates must have relevant bachelor's degrees with honest, with a minimum CGPA of 2.50 or others that are deemed acceptable by the faculty, or other equivalent degrees from other institutions of higher learning, or
- ii. Candidates may have other qualifications that have been approved by the Senate,
- iii. Candidates must fulfil specific program requirements, where appropriate, as prescribed by the faculty, and
- iv. International candidates must pass TOEFL with a minimum score of 550 or IELTS with a minimum score of 6.0, except for those who are applying for Malay Language study or other studies that use Malay Language as the medium on instruction.

The entry requirements for doctoral programs are as follows:

- i. Candidates must have relevant master's degrees from Universiti Pendidikan Sultan Idris or from other institutions of higher learning approved by the senate, or
- ii. Candidates may have other qualifications deemed acceptable and have been approved by the senate, and
- iii. Candidates must fulfil specific program requirements, where appropriate, as prescribed by the faculty.
- iv. International candidates must pass TOEFL with a minimum score of 550 or IELTS with a minimum score of 6.0, except for those who are applying for Malay Language study or other studies that use Malay Language as the medium on instruction.

SPECIFIC ADMISSION REQUIREMENTS OF PROGRAMS

PROGRAM	SPECIFIC REQUIREMENTS	
Master of Arts (Fine Arts Studio)	 Local Candidates Candidates should have experience working and actively participated in solo and group exhibitions both nationally / internationally consistently at least three (3) years for undergraduate. Pass the interview and portfolio assessment conducted by a panel appointed by the faculty. 	
	International Candidates	
	 i) Candidates should have experience working and actively participated in solo and group exhibitions both nationally / internationally consistently at least three (3) years for undergraduate. 	
	 ii) Candidates are required to send Portfolio Digital (CD compilation containing 15 images of recent work with short descriptions of each of them) and Curriculum Vitae together with application forms. 	
	Local Candidates	
Doctoral Degree (Fine Arts Studio)	 i) Candidates should have experience working and actively participated in solo and group exhibitions both nationally / internationally consistently at least five (5) years for undergraduate. ii) Pass the interview and portfolio assessment conducted by a panel appointed by the faculty. 	
	International Candidates	
	 i). Candidates should have experience working and actively participated in solo and group exhibitions both nationally/internationally consistently at least five (5) years for undergraduate. iii) Candidates are required to send Portfolio Digital (CD compilation containing 15 images of recent work with short descriptions of each of them) and Curriculum 	

MANAGEMENT AND ADMINISTRATION OF THE FACULTY

DEAN



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DEPUTY DEANS



Deputy Dean (Academic and International) Assoc. Prof. Ts. Dr. Muhammad Zaffwan Idris <u>zaffwan@fskik.upsi.edu.my</u> +605-4505963



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Deputy Dean (Student Affairs and Alumni) Dr. Norakmal binti Abdullah norakmal@fskik.upsi.edu.my +605-4505390

HEADS OF DEPARTMENT **Head of Department Head of Department** Head of Department of of of Computing **Creative Multimedia** Art and Design Dr. Mohd Hishamuddin Abdul Dr. Nur Safinas Albakry Dr. Harleny Abd Arif Rahman nursafinas@fskik.upsi.edu.my harleny@fskik.upsi.edu.my mhishamuddin@fskik.upsi.edu.my +605-4505017 05-4506757 +605-4505094

ADMINISTRATION



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PROGRAM COORDINATORS



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Graduate Programs Coordinator - Computing Assoc. Prof. Ts. Dr. Abu Bakar Ibrahim <u>abubakar@fskik.upsi.edu.mv</u> +605-4506503



Graduate Programs Coordinator - Creative Multimedia Assoc. Prof. Ts. Dr. Tan Wee Hoe <u>whtan@fskik.upsi.edu.my</u> +605-4506000

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Art Designer	adilah@upsi.edu.my	
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Art Designer	rosyada@upsi.edu.my	
Mrs. Rosyada bt. Elias	05-4505593	
General Office Assistant	jamal@upsi.edu.my	
Mr. Jamaluddin Ariffin	05-4505921	

ACADEMIC STAFF

No.	Detail	Field/Specialization
1.	Head Department Dr. Harleny binti Abd Arif harleny@fskik.upsi.edu.my 05-4505339 Doctor of Philosophy - Arts Education	 Art Education Cultural Studies History of Art Islamic Art Curriculum Design &
	Universiti Pendidikan Sultan Idris (2014) Master of Arts - Malay Letters Universiti Kebangsaan Malaysia, Bangi (2006) Art Teachers' Diploma - Arts Education Universiti Teknologi MARA (2002)	 Curriculum Development Malay Letters Folklore/ Oral Tradition Malay Philosophy and Thought Fashion Design & Garment Making
	Bachelor of Art - Fashion Design Universiti Teknologi MARA (1998)	
2	Prof. Dr. Mohd Fauzi bin Sedon @ M. Dom <u>mohd.fauzi@fskik.upsi.edu.my</u> 05-4506536 Doctor of Philosophy (Ph.D.) - Fine Art <i>University of Tasmania (2007)</i> Master of Art – Fine <i>Univ. of Central England in Brimingham (1996)</i> <i>Institut Technology Mara (1994)</i> Bachelor of Art - Art and Design (Printmaking) <i>Universiti Teknologi Mara, (UiTM)(1993)</i>	 Fine Art Exhibition and Display Art & Design Studio Based Research Consumer Culture Art and Culture Art and Environment Art and Social Change
3	Prof. Dr. Tajul Shuhaizam bin Said <u>tajul@fskik.upsi.edu.my</u> 05-4505836 Doctor of Philosophy (Ph.D.) - Art (Ceramic) <i>Universiti Sains Malaysia, (USM)(2009)</i> M.A Surface Design <i>University Of Central England in Birmingham,UK (2002)</i> Master of Art Design – Ceramic	 History of Art Art and Culture Fine Art (Craft) Exhibition and Display Ceramic
4	Universiti Teknologi Mara, (UiTM)(1998) Dr. Md. Nasir bin Ibrahim <u>mdnasir@fskik.upsi.edu.my</u> 05-4505844	Art Education

	Doctor of Philosophy (Ph.D.) – Art Education University of Tasmania (2008)	
	Diploma of Teaching and Leadership Study	
	Institut Aminuddin Baki (2000)	
	Master of Magistrum Artium (Education Art)	
	McGill University Montreal (1999)	
	Diploma of the Teaching of Art and Design Study	
	Universiti Teknologi Mara, (UiTM)(1986)	
	Bachelor of Art - Fine Art	
5	Universiti Sains Malaysia, (USM)(1986) Assoc. Prof. Dr. Harozila binti Ramli	
Э	harozila@fskik.upsi.edu.my	Art Education
	05-4505836	Art Education Art and Culture
		 Fine Art (Craft)
	Doctor of Philosophy (Ph.D.) - Art (Batik)	Textile Design/Batik/Textile
	Universiti Sains Malaysia,(USM)(2009)	Fibre/Textile Printing/Textile
	M.A Textiles Design	Studio
	UCE Birmingham UK (2002)	History of Art
		Exhibition and Display
	Diploma of Art Education	Weaving Craft
	Universiti Teknologi Mara, (UiTM)(2000)	
	Bachelor of Art - Textiles Design	
6	University Technology Mara,(UiTM)(1998)	
	Assoc. Prof. Dr. Mohd Zahuri bin Khairani	Art Education
	<u>zahuri@fskik.upsi.edu.my</u>	Art and Culture
	05-4506527	Exhibition and Display
		 Fine Art Studio Based Research
	Doctor of Philosophy (Ph.D.) – Fine Art	 Studio based Research
	Sheffield Hallam University, UK	
	Master of Art - (Fine Art)	
	Universiti Malaysia Sarawak,(UNIMAS)(2002)	
	Bachelor of Art – Applied Art (Fine Art)	
	Universiti Malaysia Sarawak,(UNIMAS)(1998)	
7	Prof. Madya. Abu Bakar bin Sabran	
	arebu@fskik.upsi.edu.my	Fine Metals
	05-4506529	 Art and Culture Exhibition and Display
	M.A Industrial Design	 Fine Art
	Univ. of Central England Birmingham UK (1994)	 Studio Based Research
		Art Education
	Diploma of Art and Design (Fine Art)	
9.	Universiti Teknologi Mara, (UiTM) (1985) Prof Madya Dr. Abdul Aziz bin Zalay @ Zali	
9.	e.aziz@fskik.upsi.edu.my	Art Education
	05-4506757	 Fine Art
		New Media
	Doctor of Philosophy (Ph.D.) - Arts (Furniture)	Art and Design Technology
	University of Tasmania (2013)	 Industrial Design
1		 Product Design

10	Master of Education – Art Universiti Pendidikan Sultan Idris, (UPS)(2005) Bachelor of Art – Industrial Design Universiti Teknologi Mara, (UiTM)(1999) Dr. Azlin Iryani binti Hj. Mohd. Noor <u>azlin@fskik.upsi.edu.my</u> 05-4505071 Doctor of Philosophy (Ph.D.) – Landscape Architecture Leeds Metropolitan University (2016) Master of Education - Art Education	 Furniture Design Multimedia in Art Education Studio Based Research Wood Carving Sustainable Design Art Education Landscape Design Children's Outdoor Environment Spatial Design
	Universiti Pendidikan Sultan Idris,(UPSI)(2006) Bachelor of Art - Landscape Architecture Universiti Teknologi Mara,(UiTM)(2001) Diploma of Landscape Architecture Universiti Teknologi Mara,(UiTM)(1999)	 Community Planning and Design Landscape and Cultural Heritage
11	Dr. Muhammad Fadhil Wong bin Abdullah fadhil.wong@fskik.upsi.edu.my 05-4505174 Doctor of Philosophy Digital Games Universiti Pendidikan Sultan Idris (2016) Master of Knowledge Management with Multimedia Multimedia University (2007) Bachelor of Science Multimedia (Media Innovation) Multimedia University (2000) Certificate of Architecture (Drafting) Politeknik Port Dickson (1996)	 Multimedia Creative Studies Digital Games Digital Art and Illustration Creative Thinking
12	Ts. Dr. Muhamad Firdaus bin Ramli <u>Firdaus.ramli@fskik.upsi.edu.my</u> 05-4505423 Doctor of Philosophy (Ph.D.) – Art and Design <i>Universiti</i> <i>Teknologi MARA(2016)</i> Master of Art Art and Design (Design Technology) <i>Universiti Teknologi MARA(2008)</i> Master of Art – Fashion Design <i>Universiti Teknologi MARA(2004)</i>	 Fashion Design Design & Technology Protective Garment Design Upholstery & Soft Furnishings Design Art Management Anthropometric & Ergonomic Design Professional Practice in Visual Art Surface & Ornamentation Design Fashion Illustration

		Fashion & Visual Forecasting
13	Dr. Nor Syazwani Binti Mat Salleh <u>syazwani.ms@fskik.upsi.edu.my</u> 05-4505424 Doctor of Philosophy (Resources and Information Technology) (Education) <i>Universiti Kebangsaan Malaysia</i> (2017) Master of Education (Computer Education) <i>Universiti Kebangsaan Malaysia</i> (2012) Bachelor of Information Technology (Software Engineering) <i>UniversitiTun Hussein Onn Malaysia</i> (2010)	 Art Education Art and Technology Visual Communication Computer in Education Orang Asli's Cultural Practices Resources and Information Technology in Education Computer and Media Literacy Educational Technology Community of Practices
14	Dr. Zainuddin bin Abindinhazir <u>zainuddina@fskik.upsi.edu.my</u> 05-4506719 Doctor of Philosophy (Ph. D) – <i>Universiti Teknologi MARA(2013)</i> Master of Education – Art <i>Universiti Pendidikan Sultan Idris,(UPSI)(2005)</i> Bachelor of Education – Art Education <i>Universiti Pendidikan Sultan Idris,(UPSI)(2002)</i> Diploma of Art and Design - (Metal Art Design) <i>Universiti</i>	 Fine Art Fine Metals Sculpture Printing (Silk Screen) Weaving Craft Art History Cultural study Art Education Jewellry Design and Making
15	Teknologi Mara, (UiTM)(1992) Profesor Madya Dr. Yakup bin Mohd Rafee yakup@fskik.upsi.edu.my 05-4505921 Doctor of Philosophy (Ph.D.) - Fine art (Painting and Drawing) University Of The West Of England, Bristol(2011) Master of Fine Arts - Fine Arts (Painting and Drawing Studio) Academy of Art University, San Francisco, California(2004) Diploma Senibina - Senibina (Senibina) Universiti Teknologi Malaysia(1995)	 Painting and Drawing Studio Art and Culture Exhibition and Display Fine Art Studio Based Research Visual Ethnography Borneo Indigenous Study
16	Dr. Norakmal binti Abdullah <u>norakmal@fskik.upsi.edu.my</u> 05-4506540 Doctor of Philosophy (Art and Design) <i>Universiti Teknologi Mara,(UiTM)(2020)</i> Master of Art Art and Design - (Art Design Technology) <i>Universiti Teknologi Mara,(UiTM)(2005)</i> Diploma of Education Art Education	 Art Education Art & Culture Textile Design Malay Textiles (Songket, Tekat, Telepuk, Limar, Cindai, Tenun Pahang, Pua Kumbu, Pelangi / Ikat Celup, Batik & Others) Fibre (Tapestry / Loom & Off Loom) Resist & Non-Wax Resist Printing (Silk Screen)

	Universiti Teknologi Mara,(UiTM)(2002) Bachelor of Art Reka - Textile Design Universiti Teknologi Mara,(UiTM)(2000)	 Contemporary Textile Design Textile Display & Present Textile Technology (Applied Science) Art & Craft in Mathematics (Geometry & Symmetry) Fashion Textile Design Shoes Wear Design Design Technology Design for Industries New Product Research & Design Development Management
17	Dr. Elis Syuhaila binti Mokhtar elis.mokhtar@fskik.upsi.edu.my 05-4506000 Doctor of Philosophy (Ph.D.) – Fine Art (Practice) Loughborough University, UK (2019) Master of Fine Art and Technology – Major in Painting & Drawing (Practice) Universiti Teknologi Mara, (UiTM) (2013) Bachelor of Fine Art – Major in Painting (Practice) Universiti Teknologi Mara, (UiTM) (2000)	 Studio practice/ practice- led/ practice-based research Drawing/ Painting Art as therapy: Expressive drawing / Grief therapy Autoethnographic study Toolkit development for self- healing Art activity and public engagement
18	Dr. Norzuraina Mohd Nor <u>zuraina.nor@fskik.upsi.edu.my</u> 05-4506000 Doctor Philosophy (Art Education) <i>Universiti Pendidikan Sultan Idris(2019)</i> Master of Education – Art <i>Universiti Pendidikan Sultan Idris,(UPSI)(2015)</i> Bachelor of Design (Fashion) <i>Universiti Teknologi Mara(UiTM)(2002)</i>	 Art Education Special Education Fashion Design Theater Practices Orang Asli's Cultural Practices Fashion Textile design Curriculum Design & Curriculum Development
19	Dr. Ida Puteri Mahsan idaputeri@fskik.upsi.edu.my 05-4506000 Doctor of Philosophy (Arts Education), UPSI(2019) Master Master of Education (Arts) UPSI Degree Bachelor of Arts and Design, UiTM Shah Alam	Arts Education

20	Dr. Ramin Hajianfard	Islamic and Other
	Ph. D in Islamic and Other Civilization/Islamic Arts - Islamic and Other Civilization/Islamic Arts (-) Universiti Islam Antarabangsa Malaysia(2017)	Civilization/Islamic Arts Art Research
	Master of Arts (Art Research) - Art Research (-) Islamic Azad University, Iran(2008)	
	Bachelor of Arts Agricultural Engineering - Bachelor of Arts Agricultural Engineering (-) Islamic Azad University, Iran(1993)	
21	Dr. Intan Khasumarlina binti Mohd. Khalid intann@fskik.upsi.edu.my 05-4506542	 Art Education Landscape Architecture Technical and Vocational
	Master of Education Technical and Vocational Education Universiti Teknologi Malaysia,(UTM)(2006)	Education -LandscapeLandscape StudiesUrban and Rural Cultural
	Bachelor of Education Art Universiti Pendidikan Sultan Idris,(UPSI)(2003)	Heritage Landscape
	Diploma of Landscape Architecture - (Architecture Design and Sketches) <i>Universiti Teknologi Mara,(UiTM)(1998)</i>	
22	Mr. Mohd Noor bin Mustaffa	
22	mdnoor@fskik.upsi.edu.my 05-4506538	Industrial Design
	Master of Education - Social Science Education Universiti Malaya,(UM)(2003)	 Product Design Furniture Design
	Bachelor of Art – Industrial Design Universiti Teknologi Mara,(UiTM)(1997)	
23	Pn. Siti Salwa binti Jamaldin	
	<u>salwajamaldin@fskik.upsi.edu.my</u>	Fashion Design
	05-4505593	Fashion Technology (Lectra
	MA Taytila (Fachian Dasign)	System)
	M.A Textile (Fashion Design) University of Central England, UK (2003)	Footwear Design & Taskus la suit
	Oniversity of Central England, Or (2000)	TechnologyWeaving Craft
	Bachelor of Art - Fashion Design	 Exhibition and Display
	University Technology Mara,(UiTM)(2002)	Fashion Illustration
		Art and Culture
04	Pn. Jamilah binti Omar	
24	jamilah@fskik.upsi.edu.my	
	05-4505191	Art Education
	Master of Education – Art Universiti Pendidikan Sultan Idris,(UPSI)(2004)	
	Bachelor of Education - Art Universiti Pendidikan Sultan Idris,(UPSI)(1999)	
	Diploma of Special Teaching of Art Education	

	Maktab Teaching Perempuan Melaka (1997)	
25	Mr. Amir bin Hashim <u>amir@fskik.upsi.edu.my</u> 05-4506877 Master of Art Art Education <i>University Education Sultan Idris,(UPSI)(2005)</i> Postgraduate Diploma of Education – Art Education <i>IPSI (1995)</i> Bachelor of Art and Design – Graphic <i>Universiti Teknologi Mara,(UiTM)(1993)</i> Diploma of Art and Design - Graphic Art Design	 Visual Communication Art Education
26	Universiti Teknologi Mara, (UiTM)(1993) Miss Muriza binti Mustafa <u>muriza@fskik.upsi.edu.my</u> 05-4506540 Master of Science – Interior Design Universiti Sains Malaysia,(USM)(2006) Bachelor Science (Hons) – Housing, Building, and Planning (Interior Design) Universiti Sains Malaysia,(USM)(2001)	 Interior Design Exhibition and Display Interior Decoration Building and Construction
27	Mr. Fareez bin Vincent Amos@Mohd Fadly <u>fareez.vincent@fskik.upsi.edu.my</u> 05-4505398 Master of Art and Design (Fine Art) <i>Universiti Teknologi MARA, Cawangan Shah Alam(2013)</i> Bachelor Art and Design (Fine Art) <i>Universiti Teknologi MARA, Cawangan Shah Alam(2011)</i>	• Fine Art
28	Mr. Izani bin Mat II izani@fskik.upsi.edu.my 05-4506765 Master Program Studi Pengkajian Seni Pertunjukan dan Seni Rupa - Pengkajian Seni Pertunjukan dan Seni Rupa (Kajian Seni) Universiti Gadjah Mada, Indonesia.(2002) Diploma Pendidikan - Pendidikan Seni (-) Institut Pendidikan Sultan Idris, Tanjong Malim, Perak(1994) Sarjana Seni Rupa - Kraftangan (Ukiran Kayu) Institut Seni Indonesia(1992)	 Child Education Research Handicraft research Conservation of Wooden Buildings Historical Research Socio -Cultural Research Archipelago Visual Language Perfect Bajau Philosophy and Thought The meaning behind the tombstones of the archipelago ethnic groups

29	Mr. Abdul Razak bin Abd Jabbar	Glass Art.
	<u>abdul.razak@fskik.upsi.edu.my</u> 05-4505340	 Batik on glass and paint on glass.
	Ijazah Sarjana Pendidikan Seni Lukis Dan Seni Reka - Seni	Glass mosaic, Slumping
	Lukis Dan Seni Reka (Seni Kaca) Universiti Teknologi Mara (UiTM)(2003)	 Fusing and Hot Glass Like Glass casting, and creative
	Ijazah Sarjana Muda Senilukis Dan Senireka - Senilukis Dan Senireka (Fine Art) Universiti Teknologi Mara (UiTM)(1990)	glass techniques (Cold, Warm And Hot Glass)
		Child Education Research
		Handicraft research
		 Conservation of Wooden Buildings
		Historical Research
		Socio -Cultural Research
		 Archipelago Visual Language
		 Perfect Bajau Philosophy and Thought
		 The meaning behind the tombstones of the archipelago ethnic groups
30	Mr. Lee Hoi Yeh	Visual Arts Assessment
	<u>yehlee90@live.com</u>	Art Module Income
	056561522	Art model income
	Master of Education (Arts) UPSI(2019)	Curriculum Design
	Bachelor of Art	Curriculum Development
	IPG Kampus Tengku Ampuan Afzan Kuala Lipis, Pahang(2013)	Indigenous cultural practice

* Cuti Belajar (SLAB/SLAI) ** Cuti Belajar/Post Doctoral/Sabatikal

DEPARTMENT OF COMPUTING			
	Lecturer		
Bil	Detail	Field/Specialization	
1.	Head of Department		
	Dr. Mohd Hishamuddin Bin Abdul Rahman <u>mhishamuddin@fskik.upsi.edu.my</u> 05-4505094		
	Doctor of Philosophy - Educational Technology (Educational Technology) <i>Universiti Teknologi Malaysia</i> (Skudai) (2017)	 Multimedia in Education Education Technology Animation Game-based learning 	
	Master of Education (Educational Technology) - Education (Educational Technology) <i>Universiti Teknologi Malaysia</i> , Skudai (2011)	Gamification	
	Diploma in Computer Science (Multimedia) - Computer Science (Multimedia) Universiti Teknologi Malaysia (2007)		
2	Assoc. Prof. Ts. Dr. Muhammad Modi bin Lakulu modi@fskik.upsi.edu.my 05-4505835	 Educational technology Management Information System 	
	Doctor of Philosophy (Ph.D.) - Computer Science (Knowledge Management) University Putra Malaysia,(UPM)(2012) Master of Science Software Engineering University of Bradford, UK (2002) Bachelor of Science - Computer Science Universiti Teknologi Malaysia,(UTM)(1998) Diploma of Computer Science – Database and Engineering Universiti Teknologi Malaysia,(UTM)(1996)	 Software Engineering Applied Computing 	
3	Assoc. Prof. Dr. Nor Hasbiah bt Ubaidullah <u>hasbiah@fskik.upsi.edu.my</u> 05-4505843 Doctor of Philosophy (Ph.D.) Information Technology <i>Universiti Kebangsaan Malaysia,(UKM)(2007)</i> Master of Science - Information Systems <i>University Salford, UK (1998)</i> Bachelor of Science Computer Science <i>Universiti Kebangsaan Malaysia,(UKM)(1991)</i>	 Information System Software/ Courseware Engineering ICT in Education Computational Thinking 	
4	Assoc. Prof. Dr. Ramlah bt. Mailok <u>mramlah@fskik.upsi.edu.my</u> 05-4505940 Doctor of Philosophy (Ph.D.) Educational Technology <i>Universiti Teknologi Malaysia,(UTM)(2010)</i> Master of Information Technology Computer Science <i>Universiti Kebangsaan Malaysia,(UKM)(1999)</i> Bachelor of Science Mathematic <i>Universiti Kebangsaan Malaysia,(UKM)(1997)</i> Diploma of Science Applied Science <i>Universiti Teknologi Mara,(UTM)(1993)</i>	 Information technology Educational technology AI in education 	

r		
5	Assoc. Prof. Dr. Amri bin Yusoff <u>amri@fskik.upsi.edu.my</u> 05-4505072 Doctor of Philosophy (Ph.D.) Computer Science	 Electronics & Electrical Engineering Embedded System Robotics and Automation ioT
	University of Southampton, UK (2010) Master of Engineering – Information Science and System Engineering OITA University, Japan (1995)	 Game Design and Development Game-Based Learning
	Bachelor of Science Electrical Engineering University of Nevada Reno, USA (1987)	
6	Assoc. Prof. Dr. Bahbibi binti Rahmatullah <u>bahbibi@fskik.upsi.edu.my</u> 05-4505527 Doctor of Philosophy - Engineering Science <i>University of Oxford, UK(2013)</i>	 Biomedical Engineering - with focus on fetus and child development Computer Science IT in Education Artificial Intelligence and Machine Learning
	Master of Engineering Science (Signal and Image Processing) Universiti Multimedia,(MMU)(2007) Bachelor of Engineering (Computer dan Telekomunikasi) Vanderbilt University, USA (1999) Diploma of Telecommunication Engineering Institut Telekomunikasi and Information Technology Universiti Telekom (1997)	Image Analysis and Signal Processing
7	Assoc. Prof. Dr. Maizatul Hayati binti Mohamad Yatim <u>maizatul@fskik.upsi.edu.my</u> 05-4505882 Doctor of Philosophy (Ph.D.) Human-Computer Interaction <i>Otto-Von-Guericke University of Magdeburg, Germany (2009)</i> Master of Science Information Technology <i>Universiti Utara Malaysia,(UUM)(1999)</i> Bachelor of Science Information Technology <i>Universiti Utara Malaysia,(UUM)(1998)</i>	 Human-Computer Interaction Game Design and Development Usability Engineering
8	Assoc. Prof. Dr. Aslina bt. Saad <u>aslina@fskik.upsi.edu.my</u> 05-4505030 Doctor of Philosophy (Ph.D.) Computer Science Loughborough University, UK (2011) Master of Science Information Technology Universiti Teknologi Mara,(UTM)(2003) Bachelor of Science Information Technology (Systems Management) Universiti Kebangsaan Malaysia,(UKM)(2001)	 Information System IT in educational Software Engineering Management Information System Computational Thinking
9	Assoc. Prof. Dr. Aos A.Z Ansaef Al Juboori <u>aws.alaa@gmail.com</u> 05-4506000 Doctor of Philosophy - Computer Engineering <i>Universiti Multimedia,(MMU)(2013)</i> Master of Science - Computer Science <i>University Malaya,(UM)(2009)</i> Bachelor of Science - Computer Engineering <i>University of Technology, Baghdad, Iraq (2004)</i>	 Artificial intelligence Expert System Information security

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10	Assoc. Prof. Dr. Che Zalina binti Zulkifli	
	chezalina@fskik.upsi.edu.my	
	05-4505520	
	Doctor of Philosophy Electrical and Electronic Engineering	
	(Wireless Communication and Mobile System)	Electronics & Electrical
	Universiti Sains Malaysia,(USM)(2013)	Engineering
	Master of Electrical and Electronic Engineering (Electronics	Embedded System
	and System Design)	 IoT and Automation
	Universiti Sains Malaysia,(USM)(2008)	
	Bachelor of Science - Electrical and Electronic Engineering	
	Universiti Technologi Malaysia, (UTM)(1997)	
	Diploma of Technical Education	
11	Maktab Perguruan Teknik (2002) Assoc. Prof. Ts. Dr. Abu Bakar Bin Ibrahim	
	bakar@fskik.upsi.edu.my	
	05-4506503	
	Doctor of Philosophy Electronics (Communication)	Electronics & Electrical
	Universiti Teknikal Malaysia (UTeM)(2013)	Engineering
	Master of Education – Technical Education	Engineering Technology
	Universiti Teknologi Malaysia (UTM)(2000)	Wireless Technology
	Bachelor of Computer Technology Electrical Engineering	
	Universiti Teknologi Malaysia (UTM)(1998)	
	Diploma of Engineering (Electronics)	
	Universiti Teknologi Malaysia (UTM)(1993)	
12	Assoc. Prof. Ts. Dr. Shamsul Arrieya bin Ariffin	Mahila Lanasian
12	shamsul@fskik.upsi.edu.my	Mobile Learning
	05-4505402	Information Tasknalagy/Settingers Eng
		Technology/Software Eng.Human Computer
	Doctor of Philosophy Software Engineering	 Human Computer Interaction/Usability Eng.
	University of Technology,Sydney (UTS) (2014)	Management Information
	Master of Information Technology Universiti Teknologi Mara,(UiTM)(2005)	System
	Bachelor of Science - Computer Science	Gamification
	University College London (1997)	Software Engineering
13	Assoc. Prof. Dr. Mashitoh bt. Hashim	
	mashitoh.hashim@fskik.upsi.edu.my	
	05-4505084	Comp Science
		Comp Science Computer Science in
	Doctor of Philosophy Computer Science	Computer Science in Education
	Canterbury University (2013)	System and Mobile Apps
	Master of Information Technology Software Engineering	Development
	Universiti Kebangsaan Malaysia,(UKM)(1999)	Computational Thinking
	Bachelor of Science Information Technology (Computer	
	Science) Universiti Kebangsaan Malaysia,(<i>UKM)(1998)</i>	
14	Assoc. Prof. Dr. Suzani binti Mohamad Samuri	
	suzani@fskik.upsi.edu.my	Intelligent System
	05-4505025	 Data mining, modelling and
		visualization
		Data analytics and
	Doctor of Philosophy Automatic Control and System	visualization
	Engineering	Automation and Control
	University of Sheffield, UK (2012)	Electrical and electronics
	Bachelor of Engineering - Electrical and Engineering	
1	University Technology Petronas,(UTP)(2003)	

15	Dr. Che Soh bin Said	
	<u>chesoh@fskik.upsi.edu.my</u> 05-4505010 Doctor of Philosophy (Ph.D.) Education and Multimedia <i>Universiti Sains Malaysia,(USM)(2012)</i> Master of Science – Computer Science <i>Universiti Putera Malaysia,(UPM)(2001)</i> Bachelor of Computer Science with Education <i>Universiti Teknologi Malaysia,(UTM)(1995)</i>	 Virtual Reality Augmented Reality Computer Animation Instructional Technology
16	Dr. Ashardi bin Abas ashardi@fskik.upsi.edu.my	
	05-4507218 Doctor of Philosophy (Ph.D.) Artificial Intelligence University of Bradford (2011) Master of Science Mechatronics (Data and Digital Signal Processing) University Islam Antarabangsa Malaysia,(UIAM)(2004) Teaching Certificate - NVQ Level 4 City and Guild London (2000) Bachelor of Science Electrical and Electronics University Of Hertfordshire (1999) Higher National Diploma Electrical and Electronics Kolej Tuas Polytech Mara (1997)	 Electrical & electronic Mechatronics Artificial intelligence Image processing Embedded systems
17	Dr. Azniah binti Ismail <u>azniah@fskik.upsi.edu.my</u> 05-4505898 Doctor of Philosophy Computer Science <i>University of York, UK (2013)</i> Master of Information Technology (Computer Science) <i>Universiti Kebangsaan Malaysia,(UKM)(2003)</i> Bachelor of Science Information Technology (Information	 Software Engineering Education Information Technology Education Game-based Learning Requirements Engineering Natural Language Processing Computational Thinking Computer Science (CS)
10	Management) Universiti Utara Malaysia,(UUM)(1999)	Education
18	Dr. Jamilah binti Hamid jamilah@fskik.upsi.edu.my 05-4505028 Doctor of Philosophy – Internet Computing Master of Science Information Technology <i>Universiti Sains Malaysia,(USM)(2000)</i> Bachelor of Science with Education (Mathematics and Computer Science) <i>Universiti Teknologi Malaysia,(UTM)(1991)</i>	 Information technology Educational technology Virtual Reality and Augmented Reality Computer in Education
19	Dr. Wang Shir Li <u>shirli@fskik.upsi.edu.my</u> 05-4505022 Doctor of Philosophy Computer Science <i>University Of New South Wales (2012)</i> Master of Science Electronic and Electrical Engineering Universiti Sains Malaysia,(<i>USM)(2007)</i> Bachelor of Science Technology (Quality Control)	 Artificial Intelligence Data modelling and prediction Neural networks Evolutionary algorithms Adversarial learning

	Universiti Sains Malaysia,(USM)(2002)	
20	Dr. Suliana binti Sulaiman <u>suliana@fskik.upsi.edu.my</u> 05-4505055 Doctor of Philosophy Computer Science and Systems Management Universiti Kebangsaan Malaysia,(UKM) <i>(2013)</i> Master of Information Technology Computer Science <i>Universiti Kebangsaan Malaysia,(UKM)(2008)</i> Bachelor of Science Computer Science (Artificial Intelligence) Universiti Malaya,(UM)(2003)	 Artificial intelligence Information systems Information retrieval Software engineering
21	Dr. Ummu Husna Azizan <u>ummuhusna@fskik.upsi.edu.my</u> 05-4505412 Doctor of Philosophy - Multimedia and Information Technology in Education <i>Universiti Sains Malaysia,(USM)(2015)</i> Bachelor of Education - Information Technology <i>Universiti Putra Malaysia,(UPM)(2009)</i>	 Information Technology in Education Multimedia in Education Gamification
22	Dr. Laili Farhana binti Md Ibharim <u>laili@fskik.upsi.edu.my</u> 05-4505164 Doctor of Philosophy Multimedia in Education <i>Universiti Pendidikan Sultan Idris, (UPSI)(2016)</i> Master of Education Multimedia in Education <i>Universiti Pendidikan Sultan Idris, (UPSI)(2012)</i> Bachelor of Information Technology (Multimedia) <i>Universiti Malaya (UM)(2009)</i>	 Multimedia in Education Game Design and Development Multimedia Game-Based Learning Gamification
23	Dr. Noor Anida Zaria Binti Mohd Noor <u>anidazaria@fskik.upsi.edu.my</u> 05-4505149 Doctor of Philosophy - Knowledge Management <i>(-) Northern</i> <i>University of Malaysia</i> (2012) Master of Science (Information Technology) - Information Technology (-) <i>Universiti Utara Malaysia</i> (2004) Master of Science (Information Technology)	 Database Knowledge Management (Knowledge Integration) Management Information System Entrepreneurship
24	Dr. Ismail @ Ismail Yusuf Panessai ismailyusuf@fskik.upsi.edu.my 05 - 450 5026 Doctor of Philosophy - Computer Science and Information Technology (Artificial Intelligence) Universiti Malaya (2014) Masters Degree - Information and Communication Technology (Artificial Intelligence) Universiti Teknikal Malaysia (UTeM) (2010)	 Computer Science Artificial Intelligence Electrical & Electronic Engineering Internet of Things (IoT)

25	Dr. Hafizul Fahri bin Hanafi <u>hafizul@fskik.upsi.edu.my</u> 05-4505065 PG Cert. In Teaching and Learning in Higher Education <i>UPSI – Roehampton University</i> Doctor of Philosophy – Multimedia in Education Universiti Pendidikan Sultan Idris (UPSI) (2017) Master of Science Information Technology (Real-Time Software Engineering) <i>Universiti Teknologi Malaysia,(UTM)(2003)</i> Bachelor of Science Computer Science (Software Engineering) <i>Universiti Teknologi Malaysia,(UTM)(2002)</i>	 Information Technology Augmented Reality in Education Virtual Reality in Education Artificial Intelligent Educational Technology Mobile Learning in Education E-Commerce and Digital Marketing
26	Ts. Dr. Nazre bin Abdul Rashid <u>nazre@fskik.upsi.edu.my</u> 05-4505067 Doctor of Philosophy - Electrical Engineering Universiti Teknologi Mara (UiTM) (2018) Master of Science - Computer Science Universiti Putera Malaysia,(UPM)(2004) Bachelor of Science Computer Science Universiti Sains Malaysia,(USM)(1996)	 Computer Science Signal Processing
27	Dr. Norhisham bin Mohamad Nordin <u>norhisham@fskik.upsi.edu.my</u> 05-4505033 Doctor of Philosophy Degree - Information System (Information System) <i>University of Western</i> , <i>Australia(2012)</i> Master of Information Technology (Productivity) - Information Technology <i>Universiti Kebangsaan Malaysia(2001)</i> Bachelor of Economics & Political Science - Economics & Political Science <i>University of Louisville, KY, USA.(1995)</i>	Information Technology
28	Dr. Bilal Bahaa Zaidan <u>bilalbahaa@fskik.upsi.edu.my</u> 05-4506000 Doctor of Philosophy - Applied Decision Theory and Expert Systems Multimedia University (MMU) (2017) Master of Computer Science University of Malaya(UM)(2014) Bachelor of Science Mathematics and Computer Applications Saddam University, Baghdad (2009)	Computer Science
29	Dr. Haslinda binti Hashim haslinda@fskik.upsi.edu.my 05-4505166	Instructional TechnologyEducational Technology

	Doctor of Philosophy - Information Technology (Instructional Technology)	
	Sheffield University (2017)	
	Master of Information Technology (Instructional Technology)	
	Universiti Malaya,(UM)(2010) Bachelor of Education (Information Technology)	
	Universiti Pendidikan Sultan Idris,(UPSI)(2007)	
30	Dr. Mad Helmi bin Ab Majid	
	madhelmi@fskik.upsi.edu.my	
	05-4505561	
	Bachelor of Engineering (Honours) - Kejuruteraan	
	(Kejuruteraan Mekatronik) Universiti Islam Antarabangsa	Mechatronic Engineering
	Malaysia(2019)	Robotic Engineering
		 Internet of Things (IoT)
	Ijazah Doktor Falsafah Kejuruteraan Robotik - Robotik	Artificial Intelligence
	(Kejuruteraan) <i>Universiti Sains Malaysia(2019)</i>	• STEM
	Master of Science (Mechatronics Engineering) -	
	Kejuruteraan (Kejuruteraan Mekatronik) Universiti Islam	
	Antarabangsa Malaysia(2011)	
31	Dr. Suhazlan bin Suhaimi	
	suhazlan@fskik.upsi.edu.my	
	05-4505528	Computer Science
	Doctor of Philosophy Information Technology and	Information Technology
	Quantitative Sciences (2018)	NetworkingEducational Technology
	Universiti Teknologi Mara (UiTM)	 Educational Lechnology IoT
	Master of Science Information Technology	Wireless Technology
	Malaysia University of Science and Technology,(UTM)(2008)	IT in Education
	Bachelor of Science Computer Science (Networking)	Mobile Learning
	Universiti Putra Malaysia,(UPM)(2003)	
	Diploma of Science - Information Technology Kolej Ugama Sultan Zainal Abidin (2000)	
32	Dr. Roznim bt. Mohamad Rasli	
	roznim@fskik.upsi.edu.my	
	05-4505066	Artificial Intelligence
	Doctor of Philosophy In Science and Technology	Data Mining.
	Universiti Sains Islam Malaysia (USIM) (2019)	Intelligent Systems.
	Master of Science - Expert System	 Knowledge Management Computer Science.
	Universiti Utara Malaysia,(UUM)(2005) Bachelor of Science Information Technology	 Human Computer Interaction.
	(Artificial Intelligence)	 IT/AI in Education.
	Universiti Utara Malaysia,(UUM)(2003)	
	Diploma of Computer Science	
	Universiti Putera Malaysia,(UPM)(1999)	
33	Dr. Nor Masharah Binti Husain masharah@fskik.upsi.edu.my	
	05450507	IT / Multimedia
	Doctor of Philosophy - IT in Education	IT in Education
	Universiti Pendidikan Sultan Idris (UPSI) (2017)	 Educational Technology Mobile Learning
	Master of Education – Information Technology	
	Universiti Pendidikan Sultan Idris (UPSI) (2013) Bachelor of Science Information Technology	

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	(Computer Science)	
	Universiti Kebangsaan Malaysia (UKM) (2011)	
34	Dr. Mohd Fadhil Harfiez bin Abdul Muttalib	Mechanical Engineering
	<u>fadhil@fskik.upsi.edu.my</u>	 Renewable energy, Biomass,
	05-4506017	CAD, Manufacturing, IoT
	PhD in Mechanical Engineering (Renewable Energy)	Entrepreneurship
	Univeristi Teknologi PETRONAS(2019)	Technology Design
	Master of Engineering - Mechanical Engineering	
	University of Liverpool, UK(2007)	
	Diploma of Science - Mechanical Engineering	
	UTM (2002)	
35	Dr. Muhamad Hariz Muhamad Adnan	
		Artificial Intelligence
	<u>mhariz@fskik.upsi.edu.my</u>	Data Science Data Mining (Legitheore and
	05-4506000	 Data Mining (Healthcare and Education)
	Ph.D. in Information Technology	 Cloud Computing
	Universiti Teknologi PETRONAS (2019)	 Technology in Business and
	Master of Science (Computer Science)	Entrepreneurship
	Universiti Sains Malaysia (2013)	Digitalization
	Bachelor of Computer Science (Major in Software Engineering	Digital Marketing
	& Minor in Management) Universiti Sains Malaysia (2008)	
36	Dr. Abdullah Hussein Abdullah Al-Amoodi	
	alamoodi@fskik.upsi.edu.my	
	05-4506000	
		Artificial Intelligence
	Doctor of Philosophy – Artificial Intelligence	Computer Networking
	Universiti Pendidikan Sultan Idris (UPSI) (2019) Master of Science in Computer Networking	Information and
	Lim Kok Wing University (2017)	Communication Technology
	Bachelor of Science (Hons) in Information and Communication	
	Technology	
	Lim Kok Wing University (2015)	
37	Dr. Osamah Shihab Ahmad Albahrey	
	osamah@fskik.upsi.edu.my 05-4506000	
	00-400000	Artificial Intelligence
	Doctor of Philosophy – Artificial Intelligence	 Decision Theory and Expert
	Universiti Pendidikan Sultan Idris (UPSI) (2019)	System
	Master of Science in Computer Science and	Computer Science
	Communication	Communication
	Arts, Science & Technology University, Lebanon(2014)	Information and Network Security
	Bachelor of Science – Computer Science Al-Turath University College (2011)	Security
38	Ts. Dr. Mohd Sidek Fadhil bin Mohd Yunus	Computer Science
	msidek@fskik.upsi.edu.my	Information Tachnology-
	1300885008	Computer Security System
		 Information Tachnology-
	Doctor Of Philosophy (Computer Science) - Computer Science	Computer Networking System
	(-) Universiti Pertahanan Nasional Malaysia(2020)	Machine Learning
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	Sarjana Sains (Sains Komputer) - Sains Komputer (Artificial Intelligent & Cybersecurity) <i>Universiti Pertahanan Nasional</i> <i>Malaysia(2017)</i>	
	Bachelor Of Information Technology (Hons) - Computer System Security (-) <i>Universiti Kuala Lumpur(2010)</i>	
	Diploma In System And Computer Networks - Komputer (Sistem Dan Rangkaian) <i>Universiti Kuala Lumpur (Malaysian</i> Institute Of Information Technology (Miit))(2007)	
39	Dr. Nor Asiah Binti Mohamad @Razak Norasiah.Razak@Fskik.Upsi.Edu.My 0162104041 Doctor Of Philosophy - Education (Educational Technology)	 Educational Technology Instructional Technology ICT in Education E-Learning
	Universiti Putra Malaysia(2019) Ijazah Sarjana Pentadbiran Perniagaan - Business Administration (Marketing) Universiti Putra Malaysia(2014)	 Sociologist Qualitative Advanced Case Study Digital Marketing
	Diploma - Industrial Automation (Information Technology) Kolej Universiti Tati(2003)	 Technopreneurship Information Technology Software Engineering Knowledge Management System
		Human Computer Interaction
40	Dr. Yusri bin Abdullah yusri.abdullah@fskik.upsi.edu.my 016-9105926	
	Ijazah Doktor Falsafah - Teknologi Pendidikan (Reka Bentuk dan Keberkesanan Permainan Komputer) <i>Universiti Putra</i> <i>Malaysia(2019)</i>	
	Ijazah Sarjana Pendidikan (Teknologi Maklumat & Komunikasi) - Pendidikan Teknologi Maklumat (Pembangunan dan Keberkenan Permainan Komputer) <i>Universiti Pendidikan</i> <i>Sultan Idris(2010)</i>	 Game Based Learning Gamification Educational Technology Instructional Technology Learning Analytics
	Diploma Pendidikan (Pengajian Teknologi Maklumat) - Teknologi Maklumat (-) <i>Institut Pendidikan Guru(2004)</i>	
	Ijazah Sarjana Muda Teknologi Maklumat Dengan Kepujian (Kelas Kedua Bawah) - Teknologi Maklumat (Pengurusan Sistem Maklumat) <i>Universiti Utara Malaysia(1998)</i>	
41	Dr. Noor Hidayah binti Che Lah	 Educational Technology Social media & learning
	Doctor of Philosophy (Educational Technology) - Teknologi Pendidikan (Online Social Presence, Online Social Learning Environment, Online Collaborative Learning) Universiti Teknologi Malaysia (Skudai)(2020)	 online teaching and learning assessment and evaluation Rasch Model Analysis Confirmatory Factor Analysis Structural Equation Modelling (SEM) Regression Analysis using
		AMOS graphic

	Ijazah Sarjana Teknologi Pendidikan - Pendidikan (Teknologi Pendidikan) Universiti Teknologi Malaysia (Skudai)(2012) Ijazah Sarjana Muda Teknologi Maklumat dengan Kepujian - Teknologi Maklumat dengan Kepujian (E-Dagang) Universiti Malaysia Sabah(2009)	 Data Mining analysis Nvivo Research Method ICT and education
42	Dr. Nadia Akma binti Ahmad Zaki <u>nadiaakma@fskik.upsi.edu.my</u> 05-4506912 Master of Science Computer Science <i>Universiti Teknologi Mara,(UiTM)(2006)</i> Bachelor of Science Information Technology (Information Science and Multimedia) Universiti Kebangsaan Malaysia,(<i>UKM)(2003)</i>	 IT/Multimedia Game Design and Development Human Computer Interaction
43	Ts. Dr. Chee Ken Nee cheekennee@yahoo.com 034041 1715 Teknologi Pendidikan - Pendidikan (Teknologi Pendidikan) Universiti Teknologi Malaysia, Skudai(2018) Sarjana Pendidikan Sains Dengan Ict - Pendidikan Sains Dengan Ict (Sains Dengan Ict) Universiti Malaya(2013) Ijazah Sarjana Muda Sains Dengan Pendidikan - (Pendidikan) Universiti Sains Malaysia(2008)	 Educational Technology Multimedia in Education Information Technology in Education ICT in Education Mobile Learning Augmented and Virtual Reality Robot in Education Computers in Education
44	Ts. Dr. Wong Yoke Seng yswong@fskik.upsi.edu.my 054506000Ph. D in Game Based Learning - Game Based Learning (-) Universiti Pendidikan Sultan Idris(2020)Degree Of Master Of Science - Computer Game Technology (-) Liverpool John Moores University(2005)Bachelor of Science - Information System Engineering (-) Campbell College, Buie's Creek, N.C(2002)Advanced Diploma In Science - Information System Engineering (-) Kolej Tunku Abdul Rahman(2002)	 Game-based Learning Gamification Game Programming Game Design Web Programming Web Services Programming
45	Dr. Sumayyah binti Dzulkifly <u>sumayyahdz@gmail.com</u> 05450600 Ijazah Doktor Falsafah Kejuruteraan Telekomunikasi - Kejuruteraan Telekomunikasi (-) King's College London(2018) Ijazah Sarjana Kejuruteraan Komunikasi - Kejuruteraan Komunikasi (-) Universiti Islam Antarabangsa Malaysia(2013) Ijazah Sarjana Muda Kejuruteraan Komunikasi - Kejuruteraan Komunikasi (-) Universiti Islam Antarabangsa Malaysia(2010)	 Communication Engineering Wireless or Mobile Network Machine Learning Internet-of-Things Energy Efficiency / Optimisation
46	Mrs. Saira Banu binti Omar Khan sairabanu@fskik.upsi.edu.my 05-4505024 Master of Science Computer Science	 Information Technology Multimedia in Education Computer Science

	Universiti Sains Malaysia,(USM)(2001)	
	Bachelor of Science Computer Science Universiti Putera Malaysia,(UPM)(1995)	
47	Miss Amily Shafila binti Shariff* <u>amily@fskik.upsi.edu.my</u> 05-4505011 Master of Science - Information Technology in Education <i>Universiti Teknologi Malaysia,(UTM)(2002)</i> Bachelor of Science Electrical Engineering Technology with Education <i>Universiti Teknologi Malaysia,(UTM)(2000)</i> Diploma of Information Technology (Computer in Education)	 Multimedia in Education Mobile Learning Information Technology in Education
	Universiti Teknologi Malaysia,(UTM)(1997)	
48	Mrs. Haslina binti Hassan <u>haslina@fskik.upsi.edu.my</u> 05-4505021 Master of Multimedia Information System (Interactive Multimedia) <i>Heriot-Watt University, UK (2002)</i> Bachelor of Information Technology (Multimedia) <i>Universiti Kebangsaan Malaysia,(UKM)(1999)</i>	 Multimedia Information System Multimedia (Multimedia Interactive) Teknologi Maklumat (Sains maklumat) Teknologi Maklumat (Multimedia) Game Based Learning Gamification
49	Mr. Rasyidi bin Johan rasyidi@fskik.upsi.edu.my 05-4505052 Master of Science Information Technology Universiti Teknologi Mara,(UiTM)(2004) Bachelor of Science Computer Science with Education Universiti Teknologi Malaysia,(UTM)(1996)	 System Development Mobile Apps development Multimedia in Education Educational Technology User Data Modelling
50	Mrs. Nor Zuhaidah binti Mohamed Zain <u>norzu@fskik.upsi.edu.my</u> 05-4505073 Master of Science (Information Technology) <i>Universiti Teknologi Mara,(UiTM)(2005)</i> Bachelor of Science Information Technology (Multimedia) <i>Universiti Utara Malaysia,(UUM)(2001)</i>	 Multimedia in Education Multimedia Learning Human Computer Interaction Mobile Learning & Special Need Qualitative Research - Case Study Design
51	Mrs. Harnani bt. Mat Zin <u>harnani@fskik.upsi.edu.my</u> 05-4505069 Master of Science Computer Science (Applied Informatics) <i>Universiti Sains Malaysia,(USM)(2004)</i> Bachelor of Science Computer Science (Engineering Information) <i>Universiti Sains Malaysia,(USM)(2003)</i>	 Information system Sentiment analysis Data mining Opinion mining Artificial intelligent
52	Mr. Ahmad Nurzid bin Rosli <u>nurzid@fskik.upsi.edu.my</u> 05-4505054 Master of Science Information Technology	 Mobile Computing Educational Technology Game Design and Development

	(Network and Mobile Computing)	
	Universiti Utara Malaysia,(UUM)(2005)	
	Bachelor of Science Information Technology (Networking)	
	Universiti Utara Malaysia,(UUM)(2002)	
53	Mrs. Hasnatul Nazuha bt. Hassan <u>nazuha@fskik.upsi.edu.my</u> 05-4505014	
	Master of Science - Information Technology (Expert System) Universiti Utara Malaysia,(UUM)(2004) Bachelor of Science Information Technology	Information TechnologyArtificial IntelligenceDiagnostics System
	(Artificial Intelligence) Universiti Utara Malaysia,(UUM)(2002)	
54	Mrs. Asma Hanee bt. Ariffin asma@fskik.upsi.edu.my 05-4505527	 Information Technology Application of Artificial Intelligence
	Master of Science - Information Technology Universiti Utara Malaysia,(UUM)(2004) Bachelor of Science Information Technology (Artificial Intelligence) Universiti Utara Malaysia,(UUM)(2002)	 Virtual Reality Project Management Knowledge Management Affective Engineering
55	Mrs. Rohaizah bt. Abdul Wahid	
	rohaizah@fskik.upsi.edu.my 05-4505032/6218	Software Engineering
	Master of Science Information Technology (Real-Time Software Engineering) Universiti Teknologi Malaysia,(UTM)(2004) Bachelor of Science Information Technology (Artificial Intelligence)	 Database Management Artificial Intelligence Information Technology
	Universiti Utara Malaysia,(UUM)(2000)	
56	Mrs. Asmara bt. Alias asmara@fskik.upsi.edu.my 05-4505064	Information TechnologyArtificial IntelligenceSoftware Engineering
	Master of Science Information Technology Universiti Teknologi Mara,(UiTM)(2004) Bachelor of Science Information Technology Universiti Teknologi Mara,(UiTM)(2002)	
57	Mrs. Nur Saadah binti Fathil nursaadah@fskik.upsi.edu.my 05-4505079	 Mobile Learning Multimedia in Education Human Computer-Interaction
	Master of Information Technology Universiti Teknologi Mara,(UiTM)(2006) Bachelor of Science Information Technology (Multimedia) Universiti Utara Malaysia,(UUM)(2002)	Information Technology
58	Mrs. Marzita binti Hj Mansor <u>marzita@fskik.upsi.edu.my</u> 05-4505447 Master of Science Information Technology <i>Universiti Teknologi Mara,(UiTM)(2004)</i> Bachelor of Science Information Systems Management <i>Universiti Teknologi Mara,(UiTM)(2000)</i>	 Human Computer Interaction Information Technology Multimedia
	Diploma of Science Information System Kolej Komuniti Mara (1998)	

59	Mr. Salman Firdaus bin Sidek* <u>salmanfirdaus@fskik.upsi.edu.my</u> 05-4505009 Master of Computer Science (Information Security) Universiti Teknologi Malaysia,(<i>UTM</i>)(2006) Bachelor of Science Computer Science (Software Engineering) Universiti Teknologi Malaysia,(UTM)(2002)	 Software Engineering Information Security Game based learning
60	Mr. Fizaril Amzari Omar <u>fizaril@fskik.upsi.edu.my</u> 054506000 <i>Ijazah Sarjana Pendidikan Teknologi Maklumat</i> <i>Universiti Pendidikan Sultan Idris(2010)</i> <i>Ijazah Sarjana Muda Pendidikan Teknologi Maklumat</i> <i>Universiti Pendidikan Sultan Idris(2005)</i> Diploma in Electronic Engineering (Communications) Politeknik Sultan Abdul Halim Mu'adzam Shah, Jitra(1998)	 Graphic Design Digital Illustration elearning Information Technology Electronic Engineering Game-based learning (gbl) game, for teaching & learning e-learning

* On study leave (SLAB/SLAI) ** On Post-Doctoral Leave/Sabbatical

DEPARTMENT OF CREATIVE MULTIMEDIA

Lecturer				
Bil	Detail	Field/Specialization		
1.	Head Department			
	Dr. Nur Safinas binti Albakry <u>nursafinas@fskik.edu.my</u> 05-4505416 Doctor of Philosophy Art and Design Universiti Teknologi Mara,(UiTM))(2016) Master of Art (Visual Communication and New Media) <i>Universiti Teknologi Mara,(UiTM)(2007)</i>	 Advertising New Media Graphic Design Branding Design Management Visual Communication Service Design New Media and Technology 		
	Bachelor of Media Innovation Multimedia University (MMU)(2004)			
2	Prof. Dr. Ahmad Zamzuri bin Mohamad Ali <u>zamzuri@fskik.upsi.edu.my</u> 05-4505833 Doctor of Philosophy (Multimedia) <i>Universiti Sains Malaysia,(USM)(2007)</i> Master of Education <i>Universiti Teknologi Malaysia,(UTM)(2000)</i> Bachelor of Science Electrical Engineering <i>Universiti Teknologi Malaysia,(UTM)(1998)</i>	 Multimedia Instructional Technology Teaching and Learning Programming ICT in Education 		

3	Assoc. Prof. Dr. Hjh. Nor Azah binti Abdul Aziz <u>azah@fskik.upsi.edu.my</u> 05-4505190/5834 Doctor of Philosophy - Islamic Psycho-Spirituality <i>Universiti Malaya,(UM)(2009)</i> Diploma – Islamic Revealed Knowledge <i>Universiti Islam Antarabangsa Malaysia,(UIAM)(2002)</i> Master of Computer Science – Multimedia <i>Universiti Putra Malaysia,(UPM)(2002)</i> Bachelor of Science Information Technology	 Multimedia Application Developement Multimedia in Education E-learning Child Computer Interaction Interactive Design Islamic psycho-spiritual Gestural Interface Design
4	(Information Science) Universiti Kebangsaan Malaysia,(UKM)(1998) Assoc. Prof. Ts. Dr. Tan Wee Hoe whtan@fskik.upsi.edu.my	
	05-4506257 Doctor of Philosophy - Game-Based Learning <i>University of Warwick, UK (2011)</i> Master of Multimedia (E-Learning Technologies) <i>MMU (2007)</i> Bachelor of Science Multimedia (Film and Animation) <i>MMU (2003)</i>	 Multimedia Technology Film and Animation Game-based Learning Game Design and Development Serious Game -FB/Website
5	Assoc. Prof. Ts. Dr. Balamuralithara a/l Balakrishnan <u>balab@fskik.upsi.edu.my</u> 05-4505078 Doctor of Philosophy Creative Multimedia <i>MMU (2011)</i> Master of Engineering (Telecommunication) <i>MMU (2005)</i> Bachelor of Electrical Engineering (Telecommunication) <i>Universiti Teknologi Malaysia (2000)</i>	 Engineering Education Educational Technology Creative Studies Electrical Telecommunications Engineering Information Technology Education Electrical and Electronic Engineering (Wireless Communication and Embedded System) Creative Studies Multimedia Design Multimedia Education Educational Research STEM Education
6	Assoc. Prof. Ts. Dr. Muhammad Zaffwan bin Idris <u>zaffwan@fskik.upsi.edu.my</u> 05-4505190/5834 Doctor of Philosophy Design <i>Swinburne University of Technology, Australia (2011)</i> Master of Design (Design Communication) <i>Swinburne University of Technology, Australia (2006)</i> Bachelor of Science Art Design (Graphics) <i>Universiti Teknologi Mara,(UiTM)(1999)</i>	 Graphic Design Advertising Branding Creative Studies Creative Thinking Digital Photography Digital Heritage

		- Lloor Contored Design
		User Centered DesignService Design
7	Ts. Dr. Ahmad Nizam bin Othman <u>ahmad.nizam@fskik.upsi.edu.my</u> 05-4505017 Doctor of Philosophy – Design and Animation <i>Institut Teknologi Bandung (2014)</i> Master of Art and Design (Visual Communication and New Media) <i>Univesiti Teknologi Mara,(UiTM)(2006)</i> Bachelor of Education Art Education <i>Universiti Pendidikan Sultan Idris,(UPSI)(2002)</i> Diploma of Architecture	 Graphic Design Visual Communication Film and Animation 3D Modelling and CAD Character Design Creative Studies New Media and Technology Digital Art and Illustration Visual Narrative & Storytelling Culture & Digital Heritage 2D & 3D Animation
8	Universiti Teknologi Malaysia,(UTM)(1998) Dr. Norshahila binti Ibrahim Shahila@fskik.upsi.edu.my 05-4505174 Doctor of Philosophy in Information Technology Universiti Teknologi Petronas Master of Science Information Technology (Computer Science)	 Interactive Design Information Technology Multimedia in Education Multimedia Applications E-learning
	Universiti Kebangsaan Malaysia,(UKM)(2011) Bachelor of Multimedia Universiti Utara Malaysia,(UUM)(2007)	Human-Computer InteractionMobile LearningDigital Games
9	Dr. Noor Hidayah binti Azmi <u>hidayah@fskik.upsi.edu.my</u> 05-4505142 Master of Science E-Learning Technologies (Multimedia) <i>Multimedia University (MMU)(2011)</i> Bachelor of Multimedia <i>Universiti Utara Malaysia,(UUM)(2006)</i>	 Multimedia E-learning Technologies Human Computer Interaction (HCI) Child Computer Interaction Social Media Studies Virtual Reality Digital Games
10	Dr. Erni Marlina binti Saari <u>marlina@fskik.upsi.edu.my</u> 05-4505025 Master of Science - Computer Science <i>Universiti Malaya,(UM)(2011)</i> Bachelor of Information Technology - Multimedia	 Multimedia Studies Information Technology Computational Thinking

	Universiti Teknologi Mara (USTM)(1000)	Computing in Education
	Universiti Teknologi Mara,(UiTM)(1999)	Computing in Education
		Human Computer Interaction (HCI)
		E-learning
		 Digital Games (Interface & Interaction)
11	Dr Nur Syuhada binti Mat Sin <u>syuhada@fskik.upsi.edu.my</u> 05-4505073 Master of Communication (Screen Study) <i>Universiti Sains Malaysia,(USM)(2007)</i> Bachelor of Science Creative Multimedia (Film and Animation) <i>MMU (2004)</i>	 2D & 3D Animation Visual Effects Screen Studies Animation Technology Studies Creative Media Content Visual Communication Digital Illustration Video production & editing Interactive Media Graphic Design Film & Animation Screen Study
12	Dr. Muhammad Abdul Malik Bin Saedon <u>abdulmalik@fskik.upsi.edu.my</u> 054506000 Ijazah Kedoktoran (Multimedia) - Multimedia (Rekaan grafik, rekaan multimedia, periklanan kreatif) Universiti Utara Malaysia(2019) Ijazah Sarjana Sains (Teknologi Maklumat) - Teknologi Maklumat (Realiti maya (VR), pemodelan 3D, rekaan grafik) Universiti Utara Malaysia(2011)	 Information Technology Persuasion Persuasive advertising Digital games Multimedia design Social media Virtual reality Graphic design and Video production
13	Dr. Afeez Nawfal bin Mohd Isa <u>afeez@fskik.upsi.edu.my</u> 054506000 Komunikasi - Filem (Media Communication, Film Broadcasting, Political Science, Sociology) Universiti Utara Malaysia(2018) Pengajian Skrin - Komunikasi Media (Filem Dan Penyiaran) Universiti Sains Malaysia(2006) Ijazah Sarjana Muda Komunikasi Dengan Ke pujian - Komunikasi (Filem Dan Penyiaran) Universiti Sains Malaysia(2004)	 Media and Ideology Media and Religion Structuralism and Mythologies in film Film and representation Media and Sociological approach Media and education Media and Culture Industry Media and Policy.
14	Dr. Suraya binti Md Nasir 09-779 7260 Doctor of Arts (Manga) - manga (comic) (cultural studies) Kyoto Seika University(2019) Master of Art and Design (Art History and Cultural Management) - Art and Design (Art History and Cultural Management) Universiti Teknologi MARA(2012)	 2D Animation Comic / animation Studies Character Design Art history Popular Culture Studies Digital Art and Illustration Comic Visual Narrative & Storytelling Culture & Heritage

	Bachelor of Human Sciences (Sociology and Anthropology) (Honours) - Sains kemanusiaan (sosiologi dan antropologi) Universiti Islam Antarabangsa Malaysia(2009)	
15	Dr. Catherina Anak Ugap catherina@fskik.upsi.edu.my 054505970	 Communication / Media Studies Television Animation Film
	Doctor of Philosophy (Artistic and Creative Technology) - Media, Filem dan Animasi (Pengajian Skrin) <i>Universiti</i> <i>Teknologi MARA, Cawangan Shah Alam(2020)</i>	
	Master of Communication (Screen Studies) - Screen (Screen) <i>Universiti Sains Malaysia (2012)</i>	
16	Mrs. Fadhlina binti Mohd Razali	
	fadhlina@fskik.upsi.edu.my 05-4506570	Multimedia ApplicationsMultimedia in Education
	Master of Education (Multimedia) Universiti Pendidikan Sultan Idris,(UPSI)(2004)	E-learningHuman-Computer InteractionInteractive Design
	Bachelor of Computer Science Universiti Putra Malaysia,(UPM)(1999)	Game Character DesignDigital Games
17	Mr. Nur Azlan bin Hj. Zainuddin <u>nur.azlan@fskik.upsi.edu.my</u> 05-4506735	
	Master of Mass Communication Universiti Teknologi Mara,(UiTM)(2003)	Mass CommunicationPhotography and Video
- 10	Bachelor of Science Mass Communication Universiti Teknologi Mara,(UiTM)(1998)	
18	Mr. Ramlan bin Jantan ramlan@fskik.upsi.edu.my 05-4506789	Multimedia
	Master of Design (Multimedia Design) Swinburne University of Technology, Australia (2010)	Graphic DesignNew Media DesignService Design
	Bachelor Multimedia University of Wales, Newport, UK (1998)	 Service Marketing/Service Management
	Diploma of Art Design Universiti Teknologi Mara,(UiTM)(1995)	 Co-creation Value Co-production/ Co-Design Co-creative value new model design business
		-
19	Mr. Nurazry bin Basiron* <u>nurazry@fskik.upsi.edu.my</u> 05-4505425	Graphic DesignVisual CommunicationBranding
	Master of Art and Design (Visual Communication and New Media)	Creative StudiesNew Media and Technology

	Universiti Teknologi Mara,(UiTM)(2012)	Mass Communication
	Bachelor of Art Photography and Creative Imaging Universiti Teknologi Mara,(UITM)(2005)	 Photography and Video
20	Miss Naimah Binti Musa @ Zakaria* naimah.m@fskik.upsi.edu.my 05-4505413	
	Master of Art and Design (Visual Communication and New Media) Universiti Teknologi Mara,(UiTM)(20012)	 Creative Multimedia New Media Digital Heritage
	Bachelor of Art and Design (Graphic Design) Universiti Teknologi Mara,(UiTM)(2009)	
	Diploma of Art and Design (Graphic Design and Digital Media)	
	Universiti Teknologi Mara (UiTM)(2007)	
21	Mr. Mohd Ekram Al Hafis bin Hashim* <u>mekramalhafis@gmail.com</u> 05-4506000 Master of Education (Multimedia Education)	 Film and Animation 2d Animation New Media & Technology Studies
	Universiti Pendidikan Sultan Idris,(UPSI)(2014) Bachelor of Art Creative Multimedia and Fine Art Universiti Teknologi Mara,(UiTM)(2014) Diploma (Applied Art Technology)	 Character Design Creative Studies Digital Art and Illustration Creative Thinking Digital Comic
	Institut Technology Tun Hussein Onn,(ITTHO)(2007)	
22	Mr. Mohd Farizal bin Puadi mohdfarizal@fskik.upsi.edu 05-4506000	 Fine Art Drawing Art & Design Eurodemental
	Master of Art – Fine Art Universiti Sains Malaysia (2015)	 Art & Design Fundamental
	Bachelor of Art – Fine Art Universiti Teknologi MARA (2004)	
23	Mr. Izzal Khairi Bin Ramli izzal@pskik.upsi.edu.my 05-4505416	 Drawing Fine Art
	Sarjana Sastera (Seni Visual Dan Reka Bentuk) - Seni Halus (Seni Catan) Universiti Sains Malaysia(2015)	 Visual Art Foundation Element & Principle Painting
	Ijazah Sarjana Muda - Seni Halus (-) Universiti Teknologi Mara, Cawangan Shah Alam(2005)	IllustrationGraphic Design
	Diploma Seni Halus - Seni Lukis Dan Seni Reka (Seni Halus) Universiti Teknologi Mara Cawangan Perak(2003)	 Visual Communication Branding Creative Studies New Media and Technology

		Illustration
24	Mr. Khairol Ezedy bin Abdul Rahman <u>kexedy@gmail.com</u> 03-3280 5121 Ijazah Sarjana Penerbitan - Penerbitan (-) Universiti Malaya(2012) Sarjana Muda Teknologi Percetakan - Percetakan (Grafik) Universiti Teknologi MARA, Cawangan Shah Alam(2002)	 Graphic Design Advertising Branding Creative Studies Digital Photography Graphic Design Service Design Visual Communication
25	Mr. Yus Hamyus bin Hashim hamyus@fskik.upsi.edu.my 054505084 Master of Art and Design (New Communication and New Media) - Art and Design (Visual Communication & New Media) Universiti Teknologi MARA(2015) Bachelor of Arts and Design (Ceramic) - Art and Design (Ceramic) Universiti Teknologi MARA(2006)	 Art & Design (Fine Art) 2D & 3D Animation Storyline and Script development New Media and Technology Development Visual Narrative & Storytelling Animation Pipeline & Project Management Mobile Game-Based Learning (MGBL) Cartoon and Comic Design
26	Mr. Ronaldi Saleh bin Umar Sarjana Seni Lukis dan Seni Reka (Penyelidikan) - (-) Universiti Teknologi MARA(2005) Sarjana Muda Seni Lukis dan Seni Reka dengan Kepujian (Grafik) - (Grafik) Universiti Teknologi MARA(2001) Bachelor of Design (Grapics) - (Grapics) Universiti Teknologi MARA(2000)	 Graphic Design Visual Communication Instructional Design Creative Studies Creative Thinking

* On Study Leave (SLAB/SLAI) ** On Post-Doctoral Leave/Sabbatical

TAKWIM AKADEMIK PROGRAM PENGAJIAN SISWAZAH SEMESTER I SESI 2021/2022 (SEPTEMBER 2021) ACADEMIC CALENDER FOR POSTGRADUATE PROGRAMME SEMESTER I SESSION 2021/2022 (SEPTEMBER 2021)

TARIKH / DATE	MINGGU / WEEK	CATATAN / NOTES	
13/09/2021		Pendaftaran Semester & Kursus Secara Dalam Talian (Pelajar Lama) / Online Semester & Course Registration (Returning Students)	
04/10 - 17/10/2021		Hari Pendaftaran & Orientasi Pelajar Baharu / New Students Registration & Orientation Day	
18/10 - 24/10/2021	Minggu/Week 01	Sesi Pengkuliahan / Lectures	
25/10 - 31/10/2021	Minggu/Week 02	Minggu Tambah & Gugur Kursus / Add & Drop Courses Week 19/10/2021 – Maulidur Rasul / The Prophet Muhammad's Birthday	
01/11 - 07/11/2021	Minggu/Week 03		
08/11 - 14/11/2021	Minggu/Week 04	Sesi Pengkuliahan / Lectures Minggu Gugur Kursus / Drop Courses Week	
15/11 - 21/11/2021	Minggu/Week 05	04/11/2021 - Deepavali	
22/11 - 28/11/2021	Minggu/Week 06	05/11/2021 - Deepavan 05/11/2021 - Hari Keputeraan DYMM Paduka Seri Sultan Perak Darul Ridzuan / Birthday of the Sultan of Perak	
29/11 - 05/12/2021	Minggu/Week 07	The current of the cu	
06/12 - 12/12/2021	Minggu/Week 08	Pemantauan Minggu ke-8 / Week 8 Monitoring	
13/12 - 19/12/2021	Minggu/Week 09		
20/12 - 26/12/2021	Minggu/Week 10	Sesi Pengkuliahan / Lectures	
27/12/2021 - 02/01/2022	Minggu/Week 11	25/12/2021 – Hari Krismas / Christmas Day	
03/01 - 09/01/2022	Minggu/Week 12		
10/01 - 16/01/2022	Minggu/Week 13	Minggu Penilaian Pengajaran & Pembelajaran (PdP) /	
17/01 - 23/01/2022	Minggu/Week 14	Teaching & Learning Evaluation Week	
24/01 - 30/01/2022	Minggu/Week 15	Peperiksaan / Examination 01/01/2022 – Tahun Baharu / New Year's Day	
31/01 - 06/02/2022	Minggu/Week 16		

*Tertakluk kepada pindaan/ subject to change

Diluluskan Mesyuarat JPS Kali Ke-168 Bil.9/2020 Approved by JPS (Meeting 168 No.9/2020)

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* Tertakluk kepada pindaan/ subject to change

* Tertakluk kepada pindaan/ subject to change

TARIKH-TARIKH PENTING IMPORTANT DATES

BIL.	PERKARA / ITEM	TARIKH / DATE
01.	Tarikh Akhir Permohonan Tangguh Semester(Pelajar perlu menjelaskan yuran pengajian pada semester semasa sekiranya penangguhan dibuat selepas minggu ke-7 dan bagi pelajar yang telah membuat bayaran, yuran tidak akan dibawa ke semester hadapan.)Last Date to Apply for Deferment of Study (Students need to pay tuition fees in the current semester if the deferment is made after the 7th week and for students who have made payment, the fee will not be forwarded to the next semester).	5/12/2021 (minggu ke-7 / week 7)
02.	Tarikh Akhir Penghantaran Softcopy Kertas Projek untuk Semakan Turnitin (Pelajar perlu menghantar gabungan/kompilasi bab 1 hingga bab akhir ke emel turnitin@upsi.edu.my dan keputusan Turnitin akan diemelkan kepada pelajar dalam tempoh 3 hari bekerja.)Last Date for Submission of Project Paper Softcopy for Turnitin 	26/12/2021 (minggu ke-10/week 10)
03.	Tarikh Akhir Serahan Kertas Projek Last Date for Submission Project Paper	09/01/2022 (minggu ke-12/week 12)
04.	Tarikh Akhir Serahan Laporan Kemajuan Pengajian Siswazah (LKPS) Last Date for Submission Graduate Studies Progress Report	09/01/2022 (minggu ke-12/week 12)
05.	*Tarikh Akhir Serahan Disertasi Awal (Pelajar tidak perlu mendaftar semester berikutnya jika Tesis/Disertasi awal diserahkan sebelum atau pada tarikh ini) *Tidak terpakai kepada pelajar yang berada pada semester maksimum pengajian. Last Date for Initial Dissertation/Thesis Submission (Students do not need to register for the next semester if thesis/dissertation is submitted before or on the due date.) *Not applicable to students who are in the maximum semester of study.	25/01/2022

*Tertakluk kepada pindaan/ subject to change

GRADUATE PROGRAMS OFFERED			
PROGRAM	MODE	FIELD OF STUDY	
	Mixed/ Coursework -	 Master of Education Multimedia Education Information Technology Education Internet Computing Education 	
		Master in DesignGames Based Learning	
		 Master of Education Multimedia Education Information Technology Education Internet Computing Education Art Education 	
Masters		Master of Art Fine Arts Study Art History Study Visual Communication Study Design Study Craft Study Cultural Study Fine Art Studio **	
	Research	 Master of Science Computerized Graphics and Animation Information and Management Systems Software Engineering Artificial Intelligence Internet & Web Computing Human Computer Interaction 	
		Master of Design Multimedia Applications Creative Branding Advertising Instructional Media Digital Games Game-Based Learning New Media	

		Creative Study
PROGRAM	MODE	FIELD OF STUDY
PHD		 Multimedia Education Information Technology Education Internet Computing Education Art Education Information and Management Systems Artificial Intelligence Fine Art Studio ** Fine Art Study Art History Study Cultural Study Multimedia Design Creative Branding Advertising Information Design Internet and Web Computing Instructional Media New Media Digital Games Game-Based Learning Human Computer Interaction Creative Study Software Engineering Computer Aided Technology

** Pre-requisite: Interview

STRUCTURE OF GRADUATE STUDY PROGRAMS

(I) MASTER'S EDUCATION PROGRAMS

MODE A (By Research)

COURSE	NO. OF COURSES	CREDIT
Thesis	1 (X 40 Credits)	40
ТО	40	

INTAKE SEMESTER 1 SESSION 2018/2019 AND BELOW (MT30 & MT36) & SEMESTER 2 SESSION 2018/2019 AND BELOW (MT37)

MODE B (By Coursework and Research)

COURSE	NO. OF COURSES	CREDIT
Research Method Courses	2 (X 4 Credits)	8
Educational Courses	2 (X 4 Credits)	8
Specialization Courses	2 (X 4 Credits)	8
Dissertation	1 (X 18 Credits)	18
TOT	42	

MODE C (By Coursework)

COURSE	NO. OF COURSES	CREDIT
Research Method Courses	2 (X 4 Credits)	8
Educational Courses	3 (X 4 Credits)	12
Specialization Courses	3 (X 4 Credits)	12
Elective Courses	1 (X 4 Credits)	4
Project / Comprehensive	1 (X 6 Credits)	6
Examination, and Two (2)		
additional courses		
ТОТ	AL	42

INTAKE SEMESTER 2 SESSION 2018/2019 AND ABOVE (MT30 & MT36) & SEMESTER 1 SESSION 2019/2020 AND ABOVE (MT37)

MODE B (By Coursework and Research)

COURSE	NO. OF COURSES	CREDIT	
Research Method Courses	3 (X 4 Credits)	12	
Educational Courses	1 (X 4 Credits)	4	
Specialization Courses	1 (X 4 Credits)	4	
Dissertation	1 (X 20 Credits)	20	
TOTAL		40	

MODE C (By Coursework)

COURSE	NO. OF COURSES	CREDIT
Research Method Courses	3 (X 4 Credits)	12
Educational Courses	1 (X 4 Credits)	4
Specialization Courses	4 (X 4 Credits)	16
Elective Courses	1 (X 4 Credits)	4
Project / Comprehensive Examination,	1 (X 8 Credits)	8
and Two (2) additional courses		
TOTAL	44	

Duration of Study

FULLTIME	3 to 6 semesters
PART TIME	4 to 10 semesters

NOTE: It is recommended that students complete their study within the stipulated duration.

(II) MASTER'S NON-EDUCATION PROGRAMS

MODE A (By Research)

COURSE	NO. OF COURSES	CREDIT
Thesis	1 (X 40 Credits)	40
TOTAL		40

Duration of Study

FULLTIME	4 to 6 semesters
PART TIME	6 to 10 semesters

NOTE: It is recommended that students complete their study within the stipulated duration

(III) DOCTORAL PROGRAMS

Program Implementation

• The program involves research in a particular field, culminating in a dissertation or a thesis.

Duration of Study

FULLTIME	6 to 10 semesters
PART TIME	8 to 14 semesters

NOTE: It is recommended that students complete their study within the stipulated duration

CURRICULUM STRUCTURE

MASTER OF EDUCATION (MULTIMEDIA) – MT30

Mode A (Master by Research)

Course Requirement	Code	Course Name	Credit Hours
Mandatory	MTM59940	Thesis (Multimedia Education)	40
		TOTAL	40

**Students are required to attend at least one course of research methodology throughout the study and meet the requirements of the audit course. Students may also be required to attend other courses on the Faculty's proposal and meet the audit course requirements.

INTAKE SEMESTER 1 SESSION 2018/2019 AND BELOW

Mode B (Master by Research and Coursework)

a) Research Methodology Course

Course Requirement	Code	Course Name	Credit Hours
Marchata	GRU60104	Educational Research Methods	4
Mandatory	GRU6024	Multivariate Analysis of Variance (MANOVA)	4
		TOTAL	8

Note: Pre-requisite for GRU6024: MUST pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hours
Mandatory	MTP6014	Instructional Design Theories	4
Optional	MTP6034	Analysis of Technological Pedagogical Content Knowledge	4
(1 only)	MTP6044	Technology and Innovation in ICT Education	4
		TOTAL	8

Students MUST register MTP6014 and select **ONE (1)** of the two optional courses as listed in Table b (Educational Courses), which are equivalent to **EIGHT (8)** credit hours.

Code	Course Name		Credit Hour
MMG6014	Human-Computer Interaction Studies		4
MMG6024	Graphics Design and Animation		4
MMS6014	Development of Web Applications		4
MMP6034	Multimedia Interactive Courseware Design		4
		TOTAL	8

Students must choose any **TWO (2)** courses from Table c (Specialization Courses), which are equivalent to **EIGHT (8)** credit hours. New courses and requirements will be continually updated by relevant faculties with the approval of senate.

d) Dissertation

Code	Course Name	Credit Hour
MMR6018	Dissertation	18
	TOTAL	18

Students must register in the Dissertation course, which are equivalent to **18** credit hours. Students may register for both courses and dissertation once the supervisor has been assigned.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode B category. Nonetheless, students are not obligated to enrol in all the courses in each semester as listed in the table.

Mode B (Master by Research and Coursework)

Semester	Course	Course Name	Credit
	Research Methodology	GRU60104 Educational Research Methods	4
1	Education	MTP6014 Instructional Design Theories	4
	Specialization	MMG6024 Graphics Design and Animation	4
		TOTAL	12

	Research Methodology	GRU6024 Multivariate Analysis of Variance (MANOVA)	4
2	Education	MTP6044 Technology and Innovation in ICT Education	4
	Specialization	MMP6034 Multimedia Interaction Courseware Design	4
		TOTAL	12
3	Dissertation	MMR 6018 Dissertation	18
3		OVERALL TOTAL	42

Mode C (Master by Coursework)

a) Research Method Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatan	GRU60104	Educational Research Methods	4
Mandatory	GRU6024	Multivariate Analysis of Variance (MANOVA)	4
		TOTAL	8

Note: Pre-requisite for GRU6024: MUST pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hour
	MTP6014	Instructional Design Theories	4
Mandatory	MTP6034	Analysis of Technological Pedagogical Content Knowledge	4
	MTP6044	Technology and Innovation in ICT Education	4
TOTAL			12

Students MUST register Table b (Educational Courses), which are equivalent to **TWELVE (12)** credit hours. New courses and requirements will be continually updated by relevant faculties with the approval of the senate.

c) Specialization Courses

Code	Course Name		Credit Hour
MMG6014	Human-Computer Interaction Studies		4
MMG6024	Graphics Design and Animation		4
MMS6014	Development of Web Application		4
MMP6034	Multimedia Interactive Courseware Design		4
		TOTAL	12

Students need to choose any **THREE (3)** from Table c (Specialization Courses), which are equivalent to **TWELVE (12)** credit hours. New courses and requirements will be continually updated by relevant faculties with the approval of senate.

Code **Course Name Credit Hour** MTP6024 Issues in ICT in Education 4 MTS6014 Advanced Programming 4 MTD6014 **Object-Oriented Analysis and Design** 4 MTD6024 Information System Development 4 MIS6014 Java for Internet 4 4 MIN6014 **Computer Network Administration** MIN6024 4 Network Security TOTAL 4

d) Elective Courses

Elective courses can be selected from Table d (Elective Courses). Students must choose only **ONE (1)** course.

e) Project/ Comprehensive Examination

Code	Course Name	Credit Hour
MMR6006	Project or TWO (2) additional courses and Comprehensive Examination	6
	TOTAL	6

Students must choose either a project or **TWO (2)** additional courses, which are equivalent to **SIX (6)** credit hours, with a comprehensive examination (depending on university approval). The registration of the project will only be allowed after students have enrolled in at **least SIX (6)** courses, which are equivalent to **TWENTY FOUR (24)** credit hours. For students opting for the comprehensive examination, they need to complete all the credit hours required for

graduation. Given that the project is equivalent to six credit hours, students are required to enrol in additional or extra courses, which are equivalent to six credit hours.

The scope of questions of the comprehensive examination encompasses three study components, namely the research method, education, and specialization courses. The examination questions will be designed based on the synthesis of relevant components of such courses. A committee will be set up by the faculty to formulate the questions in any semester according to the registration of candidates. The results of this examination will be based on **PASS** or **FAIL** only.

However, students must obtain **65%** of the total correct answers to pass the examination. Candidates will qualify to sit for the examination on the final semester of study. As such, candidates have to register for the comprehensive examination at the beginning of this semester. Candidates will be allowed to re sit the comprehensive examination only once, which will be on the following semester. If candidates fail for the second time, they are deemed to have failed in their study and, therefore, not qualified for graduation.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode C category..

Semester	Course	Course Name	Credit
	Research	GRU60104 Educational Research Methods	4
	Methodology		
	Education	MTP6014 Instructional Design Theories	4
1		MMG6014 Human-Computer Interaction	4
	Field	Studies	
		MMG6024 Graphics Design and Animation	4
		TOTAL	16
	Research	GRU6024 Multivariate Analysis of Variance	4
	Methodology	(MANOVA)	
		MTP6034 Analysis of Technological	4
	Education	Pedagogical Content Knowledge	
2		MTP6044 Technology and Innovation in ICT	4
		Education	
	Field	MMP6034 Multimedia Interaction	4
	T IEIG	Courseware Design	
		TOTAL	16
	Elective	Any ONE (1) of the electives courses	4

Master of Education (Multimedia) - Mode C (by Coursework)

3	Project MMR6006 Project Paper (Multimedia)		6
	TOTAL		10
		OVERALL TOTAL	42

INTAKE SEMESTER 2 SESSION 2018/2019 AND ABOVE

Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour	
	GRU60104	Educational Research Methods	4	
Mandatory	MRU60204	Multivariate Analysis	4	
	MRU60304	Academic Writing	4	
	TOTAL			

Note: Pre-requisite for MRU60204 and MRU60304: MUST pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	MTP60104	Instructional Design Theories	4
		TOTAL	4

c) Specialization Courses

Code	Course Name	Credit Hour
MMG60104	Human-Computer Interaction	4
MMG60204	Graphics Design and Animation	4
MMG60304	Virtual Environment	4
MMV60104	Audio & Video Production	4
	TOTAL	4

Students MUST choose any **ONE(1)** of Table c (Specialization Courses), which are equivalent to **FOUR (4)** credit hours

e) Dissertation

Code	Course Name	Credit Hour
MMR59920	Dissertation	20
	TOTAL	20

Students must register Dissertation course, which is equivalent to 20 credit hours. Students may register for both courses and dissertation once the supervisor has been assigned.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode B category.

Mode B (Master by Research and Coursework)

Semester	Course	Course Name	Credit
	Research Methodology	GRU60104 Educational Research Methods	4
1	Education	MTP60104 Instructional Design Theories	4
	Specialization	Choose ANY one(1) of Specialization Courses	4
		TOTAL	12
2	Research Methodology	MRU60204 Multivariate Analysis	4
	Research Methodology	MRU60304 Academic Writing	4
		TOTAL	8
3	Dissertation	MMR59920 Dissertation	20
		OVERALL TOTAL	40

Mode C (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour	
	GRU60104	Educational Research Methods	4	
Mandatory	MRU60204	Multivariate Analysis	4	
	MRU60304	Academic Writing	4	
	TOTAL			

Note: Pre-requisite for MRU60204 and MRU60304: **MUST** pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	MTP60104	Instructional Design Theories	4
		TOTAL	4

c) Specialization Courses

Code	Course Name	Credit Hour
MMG60104	Human-Computer Interaction Studies	4
MMG60204	Graphics Design and Animation	4
MMG60304	Virtual Environment	4
MMV60104	Audio & Video Production	4
	TOTAL	16

d) Elective Courses

Code	Course Name	Credit Hour
MMP60304	Multimedia Interactive Courseware Design	4
MMS60104	Development of Web Application	4
MTD60304	Strategic Information System Planning In Education	4
	TOTAL	4

Students must choose only **ONE (1)** course in Table d (Elective Courses)

e) Project/ Comprehensive Examination

Code	Course Name	Credit Hour
MMR59908	Project or TWO (2) additional courses and Comprehensive Examination	8
	TOTAL	8

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode C category.

Master of Education (Multimedia) - Mode C (by Coursework)

Semester	Course	Course Name	Credit
	Research Methodology	GRU60104 Educational Research Methods	4
	Education	MTP60104 Instructional Design Theories	4
1	Specialization	MMG60104 Human Computer Interaction Studies	4
		MMG60204 Graphics Design and Animation	4
		TOTAL	16
	Research Methodology	MRU60204 Multivariate Analysis	4
2	Research Methodology	MRU60304 Academic Writing	4
2		MMG60304 Virtual Environment	4
	Specialization	MMV60104 Audio & Video Production	4
	TOTAL		16
	Elective	Any ONE (1) of the electives courses	4
3	Project	MMR59908 Project Paper (Multimedia)	8
	TOTAL		12
		44	

Students must choose either a project or **TWO (2)** additional courses, which are equivalent to **EIGHT (8)** credit hours, with a comprehensive examination (depending on university approval). The registration of the project will only be allowed after students have enrolled in at least **SIX**

(6) courses, which are equivalent to 24 credit hours. For students opting for the comprehensive examination, they need to complete all the credit hours required for graduation. Given that the project is equivalent to **EIGHT (8)** credit hours, students are required to register additional or extra courses, which are equivalent to **EIGHT (8)** credit hours.

The scope of questions of the comprehensive examination encompasses three study components, namely the research method, education, and specialization courses. The examination questions will be designed based on the synthesis of relevant components of such courses. A committee will be set up by the faculty to formulate the questions in any semester according to the registration of candidates. The results of this examination will be based on **PASS** or **FAIL** only.

However, students must obtain **65%** of the total correct answers to pass the examination. Candidates will qualify to sit for the examination on the final semester of study. As such, candidates have to register for the comprehensive examination at the beginning of this semester. Candidates will be allowed to re sit the comprehensive examination only once, which will be on the following semester. If candidates fail for the second time, they are deemed to have failed in their study and, therefore, not qualified for graduation.

CURRICULUM STRUCTURE

MASTER OF EDUCATION (INFORMATION TECHNOLOGY) – MT36

Mode A (Master of Education by Research)

Course Requirement	Course	Course Name	Credit
Mandatory	MTK59940	Thesis (Information Technology Education)	40
		TOTAL	40

**Students are required to attend at least one research methodology course of study throughout the course of study and meet the requirements of the audit course. Students may also be required to attend other courses on the Faculty's suggestion and meet the audit course requirements.

INTAKE SEMESTER 1 SESSION 2018/2019 AND BELOW

Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hours
Mandatory	GRU60104	Educational Research Methods	4
	GRU6024	Multivariate Analysis of Variance (MANOVA)	4
TOTAL			8

Note: Pre-requisite for GRU6024: MUST pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hours
Mandatory	MTP6014	Instructional Design Theories	4
Optional	MTP6034	Analysis of Technological Pedagogical Content Knowledge	4
(1 only)	MTP6044	Technology and Innovation in ICT Education	4
		TOTAL	8

Students **MUST** register MTP6014 and select **ONE (1)** of the two optional courses as listed in Table b (Educational Courses).

c) Specialization Courses

Code	Course Name	Credit Hours
MTS6014	Advanced Programming	4
MIN6024	Network Security	4
MTD6014	Object-Oriented Analysis and Design	4
MTD6024	Information System Development	4
	TOTAL	8

Students need to choose any **TWO (2)** courses as listed in Table c (Specialization Courses), which are equivalent to **EIGHT (8)** credit hours. New courses and requirements will be continually updated by relevant faculties with the approval of senate.

d) Dissertation

Code	Course Name	Credit Hours
MTR6018	Dissertation	18
	TOTAL	18

Students must enrol in the Dissertation course, which is equivalent to **18** credit hours. Students may register for both courses and dissertation once the supervisor has been assigned.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode B category. Nonetheless, students are not obligated to enrol in all the courses in each semester as listed in the table.

Master of Education (Information Technology) - Mode B (Master by Research and Coursework)

Semester	Course	Course Name	Credit
	Research	GRU60104 Educational Research Methods	4
1	Education	MTP6014 Instructional Design Theories	4
	Specialization	MTS6014 Advanced Programming	4
		TOTAL	12
	Research	GRU6024 Multivariate Analysis of Variance (MANOVA)	4
2	Education	MTP6044 Technology and Innovation in ICT Education	4
	Specialization	MTD6014 Object-Oriented Analysis and Design	4
		TOTAL	12
3	Dissertation	MTR6018 Dissertation	18
		OVERALL TOTAL	42

Mode C (Master of Education by Coursework)

a)	Research	Methodology	Courses
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Course Requirement	Code	Course Name	Credit Hour
	GRU60104	Educational Research Methods	4
Mandatory	GRU6024	Multivariate Analysis of Variance (MANOVA)	4
		TOTAL	8

Note: Pre-requisite for GRU6024: MUST pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hour
	MTP6014	Instructional Design Theories	4
Mandatory	MTP6034	Analysis of Technological Pedagogical Content Knowledge	4
	MTP6044	Technology and Innovation in ICT Education	4
		TOTAL	12

Students **MUST** register all the Table b (Educational Courses), which are equivalent to **TWELVE (12)** credit hours. New courses and requirements will be continually updated by relevant faculties after the approval of senate.

c) Specialization Courses

Code	Course Name	Credit Hour
MTS6014	Advanced Programming	4
MIN6024	Network Security	4
MTD6014	Object-Oriented Analysis and Design	4
MTD6024	Information System Development	4
	TOTAL	12

Students need to choose any **THREE (3**) of the Table c (Specialization Courses), which are equivalent to **TWELVE (12)** credit hours.

d) Elective Courses

Code	Course Name	Credit Hour
MTP6024	Issues on ICT in Education	4
MMG6014	Human-Computer Interaction Studies	4
MMG6024	Graphics Design and Animation	4
MMS6014	Development of Web Application	4
MMP6034	Multimedia Interactive Courseware Design	4
MIS6014	Java for Internet	4
MIN6014	Computer Network Administration	4
	TOTAL	4

Elective courses can be selected from Table d above. Students must choose only **ONE (1)** of the table d, which is equivalent to **FOUR (4)** credit hours.

e) Project/Comprehensive Examination

Code	Course Name	Credit Hour
MTR6006	Project or TWO (2) additional courses and Comprehensive Examination	6
	TOTAL	6

Students must choose either a project or **TWO (2)** additional courses, which are equivalent to **SIX (6)** credit hours, with a comprehensive examination (depending on university approval). The registration of the project will only be allowed after students have enrolled in at least **SIX (6)** courses, which are equivalent to **24** credit hours. For students opting for the comprehensive examination, they need to complete all the credit hours required for graduation. Given that the project is equivalent to six credit hours, students are required to enrol in additional or extra courses, which are equivalent to **SIX** credit hours.

The scope of questions of the comprehensive examination encompasses three study components, namely the research method, education, and specialization courses. The examination questions will be designed based on the synthesis of relevant components of such courses. A committee will be set up by the faculty to formulate the questions in any semester according to the registration of candidates. The results of this examination will be based on **PASS** or **FAIL** only.

However, students must obtain **65%** of the total correct answers to pass the examination. Candidates will qualify to sit for the examination on the final semester of study. As such, candidates have to register for the comprehensive examination at the beginning of this semester. Candidates will be allowed to re sit the comprehensive examination only once, which

will be on the following semester. If candidates fail for the second time, they are deemed to have failed in their study and, therefore, not qualified for graduation.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode C category. Nonetheless, students are not obligated to enrol in all the courses in each semester as listed in the table.

Semester	Code	Course Name	Credit Hour
	Research	GRU60104 Educational Research Methods	4
1	Education	MTP6014 Instructional Design Theories	4
	Specialization	MTS6014 Advanced Programming	4
	Specialization	MIN6024 Network Security	4
		TOTAL	16
	Research	GRU6024 Multivariate Analysis of Variance (MANOVA)	4
	Education	MTP6034 Analysis of Technological Pedagogical Content Knowledge	4
2		MTP6044 Technology and Innovation in ICT Education	4
	Specialization	MTD6024 Information System Development	4
		TOTAL	16
3	Elective	Any ONE (1) of the elective courses	4
	Project	MTR6006 Project Paper (Information Technology)	6
		TOTAL	10
		OVERALL TOTAL	42

Master of Education (Information Technology) - Mode C (by Coursework)

INTAKE SEMESTER 2 SESSION 2018/2019 AND ABOVE

Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hours
	GRU60104	Educational Research Methods	4
Mandatory	MRU60204	Multivariate Analysis	4
	MRU60304	Academic Writing	4
		TOTAL	12

Note: Pre-requisite for MRU60204 and MRU60304: MUST pass GRU60104

c) Educational Courses

Course Requirement	Code	Course Name	Credit Hours
Mandatory	MTP60104	Instructional Design Theories	4
	•	TOTAL	4

c) Specialization Courses

Code	Course Name	Credit Hours
MIN60104	Computer Network Administration	4
MTS60204	Paradigms of Programming	4
MMG60104	Human Computer Interaction Studies	4
MTD60204	Information System Development	4
	TOTAL	4

Students MUST choose any **ONE(1)** of Table c (Specialization Courses), which are equivalent to **FOUR (4)** credit hours

d) Dissertation

Code	Course Name	Credit Hours
MTR59920	Dissertation	20
	TOTAL	20

Students must enrol in the Dissertation course, which is equivalent to **20** credit hours. Students may register for both courses and dissertation once the supervisor has been assigned.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode B category.

Master of Education (Information Technology) - Mode B (Master by Research and Coursework)

Semester	Course	Course Name	Credit
	Research Methodology	GRU60104 Educational Research Methods	4
1	Education	MTP60104 Instructional Design Theories	4
	Specialization	Choose ANY ONE (1) of Specialization Courses	4
	TOTAL		12
	Research Methodology	MRU60204 Multivariate Analysis	4
2	Research Methodology	MRU60304 Academic Writing	4
		TOTAL	8
3	Dissertation	MTR59920 Dissertation	20
		OVERALL TOTAL	40

Mode C (Master by Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hours
	GRU60104	Educational Research Methods	4
Mandatory	MRU60204	Multivariate Analysis	4
	MRU60304	Academic Writing	4
		TOTAL	12

Note: Pre-requisite for MRU60204 and MRU60304: MUST pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name		Credit Hour
Mandatory	MTP60104	Instructional Design Theories		4
	•	·	TOTAL	4

c) Specialization Courses

Code	Course Name	Credit Hours
MIN60104	Computer Network Administration	4
MTS60204	Paradigms of Programming	4
MMG60104	Human Computer Interaction Studies	4
MTD60204	Information System Development	4
	TOTAL	16

d) Elective Courses

Code	Course Name	Credit Hour
MTD60304	Strategic Information System Planning in Education	4
MMS60104	Development of Web Application	4
MMP60304	Multimedia Interactive Courseware Design	4
	TOTAL	4

Students must choose only ONE (1) course in Table d (Elective Courses)

e) Project/Comprehensive Examination

Code	Course Name	Credit Hour
MTR59908	Project or TWO (2) additional courses and Comprehensive Examination	8
	TOTAL	8

Students must choose either a project or **TWO (2)** additional courses, which are equivalent to **EIGHT (8)** credit hours, with a comprehensive examination (depending on university approval). The registration of the project will only be allowed after students have enrolled in at least **SIX (6)** courses, which are equivalent to **24** credit hours. For students opting for the comprehensive examination, they need to complete all the credit hours required for graduation. Given that the project is equivalent to **EIGHT (8)** credit hours, students are required to enrol in additional or extra courses, which are equivalent to **EIGHT (8)** credit hours.

The scope of questions of the comprehensive examination encompasses three study components, namely the research method, education, and specialization courses. The examination questions will be designed based on the synthesis of relevant components of such courses. A committee will be set up by the faculty to formulate the questions in any semester according to the registration of candidates. The results of this examination will be based on **PASS** or **FAIL** only.

However, students must obtain **65%** of the total correct answers to pass the examination. Candidates will qualify to sit for the examination on the final semester of study. As such, candidates have to register for the comprehensive examination at the beginning of this semester. Candidates will be allowed to resit the comprehensive examination only once, which will be on the following semester. If candidates fail for the second time, they are deemed to have failed in their study and, therefore, not qualified for graduation.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode C category. Nonetheless, students are not obligated to enrol in all the courses in each semester as listed in the table.

Semester	Code	Course Name	Credit Hour
	Research Methodology	GRU60104 Educational Research Methods	4
	Education	MTP60104 Instructional Design Theories	4
1	Specialization	MMG60104 Human Computer Interaction Studies	4
	Specialization	MTD60204 Information System Development	4
		TOTAL	16
	Research	MRU60204 Multivariate Analysis	4
	Methodology		
2	Research Methodology	MRU60304 Academic Writing	4
		MTS60204 Paradigms of Programming	4
	Specialization	MIN60104 Computer Network	4
		Administration	
	TOTAL		16
	Elective	Any ONE (1) of the elective courses	4
3	Project	MTR59908 Project Paper (Information Technology)	8
		TOTAL	12
		OVERALL TOTAL	44

Master of Education (Information Technology) - Mode C (by Coursework)

CURRICULUM STRUCTURE

MASTER OF EDUCATION (INTERNET COMPUTING) – MT37

Mode A (Master by Research)

Course Requirement	Code	Course Name	Credit Hours
Mandatory	MTI59940	Thesis (Internet Computing Education)	40
		TOTAL	40

**Students are required to attend at least one course of research methodology throughout the course of study and meet the requirements of the audit course. Students may also be required to attend other courses on the Faculty's proposal and meet the audit course requirements.

INTAKE SEMESTER 2 SESSION 2018/2019 AND BELOW

Mode B (Master by Research and Coursework)

Course Requirement	Code	Course Name	Credit Hours
Mandatory	GRU60104	Educational Research Methods	4
	GRU6024	Multivariate Analysis of Variance (MANOVA)	4
		TOTAL	8

a) Research Methodology Courses

Note: Pre-requisite for GRU6024: **MUST** pass GRU60104.

b)	Educational	Courses

Course Requirement	Code	Course Name	Credit Hours
Mandatory	MTP6014	Instructional Design Theories	4
Optional	MTP6034	Analysis of Technological Pedagogical Content Knowledge	4
(1 only)	MTP6044	Technology and Innovation in ICT Education	4
		TOTAL	8

Students MUST register MTP6014 and select **ONE (1)** of the two optional courses as listed in Table b (Educational Courses).

c) Specialization Courses

Code	Course Name	Credit Hours
MIS6014	Java for Internet	4
MIN6014	Computer Network Administration	4
MMG6014	Human-Computer Interaction Studies	4
MTD6014	Object-Oriented Analysis and Design	4
	TOTAL	8

Students must choose any **TWO (2)** courses from the above list, which are equivalent to **EIGHT (8)** credit hours. New courses and requirements will be continually updated by relevant faculties with the approval of senate.

d) Dissertation

Code	Course Name	Credit Hour
MMR6018	Dissertation	18
	TOTAL	18

Students must enrol in the Dissertation course, which is equivalent to **18** credit hours. Students may register for both courses and dissertation once the supervisor has been assigned.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode B category. Nonetheless, students are not obligated to enrol in all the courses in each semester as listed in the table.

Master of Education (Internet Computing) - Mode B (Master by Research and Coursework)

Semester	Course	Course Name	Credit
1	Research	GRU60104 Educational Research Methods	4
	Education	MTP6014 Instructional Design Theories	4
	Specialization	MIS6014 Java for Internet	4
		TOTAL	12

2	Research	GRU6024 Multivariate Analysis of Variance (MANOVA)	4
	Education	MTP6044 Technology and Innovation in ICT Education	4
	Specialization	MTD6014 Object-Oriented Analysis and Design	4
		TOTAL	12
3	Dissertation	MMR6018 Dissertation	18
		OVERALL TOTAL	42

Mode C (Master by Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Educational Research Methods	4
	GRU6024	Multivariate Analysis of Variance (MANOVA)	4
		TOTAL	8

Note: Pre-requisite for GRU6024: MUST pass GRU60104

b) Educational Courses

Course Requirem ent	Code	Course Name	Credit Hour
	MTP6014	Instructional Design Theories	4
Mandatory	MTP6034	Analysis of Technological Pedagogical Content Knowledge	4
	MTP6044	Technology and Innovation in ICT Education	4
		TOTAL	12

Students **MUST** enrol in all the above table b (Educational Courses), which are equivalent to **TWELVE (12)** credit hours.

c) Specialization Courses

Code	Course Name	Credit Hour
MIS6014	Java for Internet	4
MIN6014	Computer Network Administration	4

MMG6014	Human-Computer Interaction Studies	4
MTD6014	Object-Oriented Analysis and Design	4
	TOTAL	12

Students need to choose any **THREE (3)** of the above table c (Specialization Courses), which are equivalent to **TWELVE (12)** credit hours.

d) Elective Courses

Code	Course Name	Credit Hour
MTP6024	Issues on ICT in Education	4
MTS6014	Advanced Programming	4
MTD6024	Information System Development	4
MMG6024	Graphics Design and Animation	4
MMS6014	Development of Web Application	4
MIN6024	Network Security	4
	TOTAL	4

Students must choose only **ONE (1)** course in Table d (Elective Courses)

e) Project/ Comprehensive Examination

Code	Course Name	Credit Hour
MIR6006	Project or TWO (2) additional courses and Comprehensive Examination	6
	TOTAL	6

Students must choose either a project or **TWO (2)** additional courses, which are equivalent to **SIX (6)** credit hours, with a comprehensive examination (depending on university approval). The registration of the project will only be allowed after students have enrolled in at least **SIX (6)** courses, which are equivalent to 24 credit hours. For students opting for the comprehensive examination, they need to complete all the credit hours required for graduation. Given that the project is equivalent to **SIX (6)** credit hours, students are required to enrol in additional or extra courses that should be equivalent to **SIX (6)** credit hours.

The scope of questions of the comprehensive examination encompasses three study components, namely the research method, education, and specialization courses. The examination questions will be designed based on the synthesis of relevant components of such courses. A committee will be set up by the faculty to formulate the questions in any semester according to the registration of candidates. The results of this examination will be based on **PASS** or **FAIL** only.

However, students must obtain **65%** of the total correct answers to pass the examination. Candidates will qualify to sit for the examination on the final semester of study. As such, candidates have to register for the comprehensive examination at the beginning of this semester. Candidates will be allowed to resit the comprehensive examination only once, which will be on the following semester. If candidates fail for the second time, they are deemed to have failed in their study and, therefore, not qualified for graduation.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode C category. Nonetheless, students are not obligated to enrol in all the courses in each semester as listed in the table.

Semester	Course	Course Name	Credit
	Research	GRU60104 Educational Research Methods	4
1	Education	MTP6014 Instructional Design Theories	4
1	Specialization	MIS6014 Java for Internet	4
	Specialization	MIN6014 Computer Network Administration	4
		TOTAL	16
	Research	GRU6024 Multivariate Analysis of Variance	4
	Research	(MANOVA)	
		MTP6034 Analysis of Technological	4
	Education	Pedagogical Content Knowledge	
2		MTP6044 Technology and Innovation in	4
		ICT Education	
	Specialization	MMG6014 Human-Computer Interaction	4
	Specialization	Studies	
		TOTAL	16
	Elective	Any ONE (1) of the elective courses	4
3	Project	MIR6006 Project Paper (Internet	6
5	Појест	Computing)	
		TOTAL	10
	OVERALL TOTAL		

Master of Education (Internet Computing) - Mode C (Coursework)

INTAKE SEMESTER 1 SESSION 2019/2020 AND ABOVE

Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
	GRU60104	Educational Research Methods	4
Mandatory	MRU60204	Multivariate Analysis	4
	MRU60304	Academic Writing	4
	I	TOTAL	12

Note: Pre-requisite for MRU60204 and MRU60304: MUST pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	MTP60104	Instructional Design Theories	4
		TOTAL	4

c) Specialization Courses

Code	Course Name	Credit Hour
MIN60104	Computer Network Administration	4
MMG60104	Human-Computer Interaction	4
MMS60104	Development of Web Application	4
MMS60204	Mobile Application	4
	TOTAL	16

e) Dissertation

Code	Course Name	Credit Hour
MIR59920	Dissertation	20
	TOTAL	20

Students must register Dissertation course, which is equivalent to **20** credit hours. Students may register for both courses and dissertation once the supervisor has been assigned.

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode B category.

Semester	Course	Course Name	Credit
	Research Methodology	GRU60104 Educational Research Methods	4
1	Education	MTP60104 Instructional Design Theories	4
	Specialization	Choose ANY ONE (1) of Specialization Courses	4
	TOTAL		12
2	Research Methodology	MRU60204 Multivariate Analysis	4
	Research Methodology	MRU60304 Academic Writing	4
	TOTAL		8
3	Dissertation	MMR59920 Dissertation	20
3		OVERALL TOTAL	40

Mode C (Master by Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
	GRU60104	Educational Research Methods	4
Mandatory	MRU60204	Multivariate Analysis	4
	MRU60304	Academic Writing	4
		TOTAL	12

Note: Pre-requisite for MRU60204 and MRU60304: MUST pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	MTP60104	Instructional Design Theories	4
	•	TOTAL	4

c) Specialization Courses

Code	Course Name	Credit Hour
MIN60104	Computer Network Administration	4
MMG60104	Human-Computer Interaction	4
MMS60104	Development of Web Application	4
MMS60204	Mobile Application	4
	TOTAL	16

d) Elective Courses

Code	Course Name	Credit Hour
MMP60304	Multimedia Interactive Courseware Design	4
MTD60204	Information System Development	4
MTD60304	Strategic Information System Planning In Education	4
MTP60304	Analysis Technological Pedagogical in ICT Education	4
MTP60404	Technology and Innovation in ICT Education	4
	TOTAL	4

Students must choose only ONE (1) course in Table d (Elective Courses)

e) Project/ Comprehensive Examination

Code	Course Name	Credit Hour
MMR59908	Project or TWO (2) additional courses and Comprehensive Examination	8
	TOTAL	8

Proposed Distribution of Courses based on Semester

The following table summarizes the proposed courses based on semester for full-time students pursuing studies under Mode C category.

Semester	Course	Course Name	Credit
	Research	GRU60104 Educational Research	4
	Methodology	Methods	
	Education	MTP60104 Instructional Design Theories	4
1		MIN60104 Computer Network	4
	Specialization	Administration	7
	opecialization	MMS60104 Development of Web	4
		Application	
		TOTAL	16
	Research	MRU60204 Multivariate Analysis	4
	Methodology		
	Research	MRU60304 Academic Writing	4
	Methodology		
2		MMG60104 Human Computer Interaction	4
	Specialization	Studies	
		MMS60204 Mobile Application	4
	TOTAL		16
	Elective	Any ONE (1) of the electives courses	4
3	Droject	MIR59908 Project Paper (Internet	8
3	Project	Computing)	
		TOTAL	12
	OVERALL TOTAL		44

Master of Education (Internet Computing) - Mode C (by Coursework)

Students must choose either a project or **TWO (2)** additional courses, which are equivalent to **EIGHT (8)** credit hours, with a comprehensive examination (depending on university approval). The registration of the project will only be allowed after students have enrolled in at least **SIX (6)** courses, which are equivalent to 24 credit hours. For students opting for the comprehensive examination, they need to complete all the credit hours required for graduation. Given that the project is equivalent to **EIGHT (8)** credit hours, students are required to register additional or extra courses, which are equivalent to **EIGHT (8)** credit hours.

The scope of questions of the comprehensive examination encompasses three study components, namely the research method, education, and specialization courses. The examination questions will be designed based on the synthesis of relevant components of such

courses. A committee will be set up by the faculty to formulate the questions in any semester according to the registration of candidates. The results of this examination will be based on **PASS** or **FAIL** only.

However, students must obtain **65%** of the total correct answers to pass the examination. Candidates will qualify to sit for the examination on the final semester of study. As such, candidates have to register for the comprehensive examination at the beginning of this semester. Candidates will be allowed to re sit the comprehensive examination only once, which will be on the following semester. If candidates fail for the second time, they are deemed to have failed in their study and, therefore, not qualified for graduation.

MASTER OF DESIGN (GAMES BASED LEARNING) – MT186

Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Code	Course	Credit hours
MMR60104	Design-Based Research	4
MMR60204	Advanced Design-Based Research	4
	TOTAL	8

b) Educational Courses

Code	Course	Credit hours
MTP60104	Instructional Design Theory	4
MTP60304	Analysis of Technological Pedagogical Content Knowledge	4
	TOTAL	4

* Choose one (1) course

c) Specialization Course

Code	Course	Credit hours
MMX60104	Gamification Theory and Practices	4
MMX60204	Game-Based Learning Application	4
MMX60304	Playability and Testing	4
MMX60404	Heutagogy in Game Design	4
	TOTAL	8

* Choose two (2)

d) Dissertation

Code	Course	Credit hour
MMX59920	Disertasi (Dissertation)	20
	TOTAL	20

Course Work Mode (Mode C)

i. Research Methodology Course

Kod	Course	Credit hours
MMR60104	(Design-Based Research)	4
MMR60204	(Advanced Design-Based Research)	4
	ΤΟΤΑ	L* 4

*Choose only one course

ii. Educational Course

Kod	Course	Credit hours
MTP60104	(Instructional Design Theory)	4
MTP60304	(Analysis of Technological Pedagogical Content Knowledge)	4
	TOTAL	8

iii. Specialization Course

Kod	Course	Credit hours
MMX60104	(Gamification Theory and Practices)	4
MMX60204	(Game-Based Learning Application)	4
MMX60304	(Playability and Testing)	4
MMX60404	(Heutagogy in Game Design)	4
MMG60104	(Human-Computer Interaction Studies)	4
MMG60204	(Graphics Design and Animation)	4
	TOTAL	24

iv. Project Paper

Kod	Kod Nama Kursus	
MMX59908	(Poject Paper; or two additional courses and Comprehensive Exam)	8
	TOTAL	8

* Chose project paper/comprehensive exam

CURRICULUM STRUCTURE

MASTER OF EDUCATION (ART) – MT41

Master by Research (Mode A)

Course Requirement	Code	Course Name	Credit Hours
Mandatory	SSP59940	Thesis	40
		TOTAL	40

**Students are required to register and attend at least one course of research methodology throughout the study and meet the requirements of the audit course. Students may also be required to attend other courses on the Faculty's proposal and meet the audit course requirements.

Course Requirement	Code	Course Name	Credit Hours
Audit	GRU60104	Research Metodhology in Education	4
	MRU60504	Art and Art Education Research Methodology	4
		TOTAL	4

*Choose one

MULTIMEDIA CREATIVE DEPARTMENT

For Example: DOCTOR OF PHILOSOPHY (ADVERTISING)

Course Requirement	Code	Course Name	Credit Hours
Mandatory	MMP79981	Thesis	80
		TOTAL	80

**Students are required to register and attend at least one course of research methodology throughout the study and meet the requirements of the audit course. Students may also be required to attend other courses on the Faculty's proposal and meet the audit course requirements.

Course Requirement	Code	Course Name	Credit Hours
		Research Methodology in Design for Creative Multimedia	4
		TOTAL	4

COMPUTING DEPARTMENT

For Example: DOCTOR OF PHILOSOPHY (ARTIFICIAL INTELLEGENCE)

Course Requirement	Code	Course Name	Credit Hours
Mandatory	MIR79981	Thesis	80
	•	TOTAL	80

**Students are required to register and attend at least one course of research methodology throughout the study and meet the requirements of the audit course. Students may also be required to attend other courses on the Faculty's proposal and meet the audit course requirements.

Course Requirement	Code	Course Name	Credit Hours
Audit	GRU60104	Research Metodhology in Education	4
		TOTAL	4

COURSE SYNOPSIS

GRU60104 Research Methods in Education

This course introduces the concepts, theories and processes in research. Aspects which are dealt with include identifying area and topic of research; research objectives; problem statement, formulating research questions/hypothesis; theories and models; literature review; methods of data collection and analysis; conclusion and recommendation; report writing and ethics in research.

**Pre-requisite : Compulsory for Master by Research (Mode A) and Doctor of Philosophy (Ph.D) as an audit course.

GRU6024 Multivariate Analysis of Variance (MANOVA)

This course discusses various aspects of multivariate analysis of variance such as reasons in using MANOVA, assumption in MANOVA, one-factor and factorial MANOVA, MANCOVA, multiple and multivariate regression, discriminant analysis, factor analysis, and canonical correlation

MRU60204 Multivariate Analysis

Data analysis is an important knowledge in educational research. This course will be able to assist in developing the skills to conduct data analysis in research and developing the aspect of lifelong learnig skills and life skills.

MRU60304 Academic Writing

This course discusses various aspects of academic research documentations and academic writing styles. In particular, thesis writing and documentation, articles structure, research domains, research recourses, journal indexing, journal evaluation processes, type of research articles and the process of search

MTP6014 Instructional Design Theory

This course discusses teaching and learning theories, ID models and the use of the ID models in the development of multimedia materials for teaching and learning.

MTP60104 Instructional Design Theory

This course discusses the concept of Instructional Design (ID), the theories involved, strengths and weaknesses of ID models, determine the tasks of instructional designer, evaluates existing instructional material based on ID theory, tracking existing problems and suggests research proposals to find the solutions.

MTP6034 Analysis Technological Pedagogical Content Knowledge

This course discuss the Technological Knowledge (TK), Pedagogical Content Knowledge (PCK), Technological Content Knowledge (TCK), Technological Pedagogical Knowledge (TPK), and Technological Pedagogical Content Knowledge (TPCK) and the relationship with the Content Knowledge (CK) and Pedagogical Knowledge (PK) required for teaching and learning. Based on the selected subject, the course discusses the structure content of the subject, prepared a table of specific teaching content and suggest a suitable teaching model for specific content.

MTP6044 Technology and Innovation in ICT Education

This course discusses the concept, theory, practice and management of technology and innovation; preparation and usage of teaching tool; choosing and evaluating teaching tool; and current issues on technology and innovation in education.

MIS6014 Java for Internet

This course discusses Object-Oriented Program Design (OOP) and methodologies. Explore the reason for using Object-Oriented techniques, and the features of Java Language. Topics include class methods and properties, instance method and variables, instance of objects, data abstraction, inheritance, and polymorphism, Java Applets, Java AWT, exceptions and threads.

MMG6014 Human-Computer Interaction Studies

This course emphasizes on designing interactive and suitable interface for end users' purposes to support the way people communicate and interact in their everyday lives. It focuses on design, evaluation, and implementation of interactive interface design for system effectiveness, safety, learning ability and memorability.

MMG60104 Human-Computer Interaction Studies

This course emphasizes on designing interactive and suitable interface for end users' purposes to support the way people communicate and interact in their everyday lives. It focuses on design, evaluation, and implementation of interactive interface design for system effectiveness and efficiency including user satisfaction. The course is important to the students to apply and to measure usability testing (UT), user acceptance testing (UAT), and user experience design (UXD).

MMG6024 Graphics Design and Animation

This course will emphasize on developing principles and designing techniques for producing attractive graphic, digital imaging, illustration & 2D and 3D animation for multimedia and web applications.

MMG60204 Graphics Design and Animation

This course emphasises on a fundamental concept and principle in graphic and animation design. This course also enhance student understanding and skills on the aspect of theory, design and production a graphic and animation product. The students also be exposes to an animation and graphic design product evaluation.

MMS6014 Development of Web Application

This course discusses the development of Web applications includes web servers, web application servers, web application development methods, client side and server side scripting, web application development techniques, web application security, session management, design patterns and reusable web application components.

MMP6034 Multimedia Interactive Courseware Design

This course emphasizes the development of interactive multimedia courseware based Instructional Design, Courseware Design and Multimedia Interface Design Principles

MTP6024 Issues on ICT in Education

This course discusses issues related to the use of ICT in education that includes ICT in educational management, ICT in teaching and learning, web-based learning, open source, ICT current issues and development, ethics and ICT network securities.

MTS6014 Advanced Programming

This course instills advanced programming skills using object-oriented programming (OOP) approach. OOP approach topics include OOP concepts, language constructs, classes and objects, function, inheritance, polymorphism and file.

MTD6014 Object-Oriented Analysis and Design

This course emphasizes object-oriented (OO) approaches to software development. Topics include UML notation, methods, competing methodologies, issues in OO development and recent advancements which complement traditional object-oriented methodologies

MTD6024 Information System Development

This course discusses the concepts and principles in information systems development. Various methods, tools and techniques are used to develop information systems systematically via appropriate information system methodology.

MTD60204 Information System Development

This course discusses the concepts and principles in information systems development. Various methods, tools and techniques are used to develop information systems systematically via appropriate information system methodology.

MIN6014 Computer Network Administration

This course emphasizes on the principle of networking and inter networking including network media and architecture, data transmission, protocols and applications, the procedures on computer network management, the maintenance procedures of a computer network and socket programming.

MIN60104 Computer Network Administration

This course emphasizes on the principle of networking and inter-networking including network media and architecture, data transmission, protocols and applications, the procedures on computer network management, the maintenance procedure of a computer network and socket programming.

MIN6024 Network Security

This course is to provide an understanding regarding the issues and practice that is involved in Network Security. Students will learn about the principle of network security, attacks that occur in network, vulnerability of operating system, web and wireless system and how the vulnerability can be overcome.

MMP60304 Multimedia Interactive Courseware Design

This course emphasizes on the development of interactive multimedia courseware based on an instructional design, multimedia message design, interaction design, courseware design, and multimedia interface design principles

MMG60304 Virtual Environment

This course emphasizes on a fundamental concept and principle of virtual environment. This course also enhance student understanding on the multimedia application development process in virtual environment. It is also cover the process of designing, producing and evaluating a multimedia application using virtual environment technology.

MMV60104 Audio And Video Production

The course provides students with knowledge and practical skills in using hardware and software for audio and video - that support production method and audio-video editing whether in linear and non-linear form. Students will learn audio and video digitalization process involving specialized techniques, transformation of analogue to digital, pre-production concept, production and post-production. Students will explore the technology and techniques involved in producing and editing digital audio, which can be used in a variety of projects – from enhancing audio on a digital video, to producing video stories and visual information.

MTS60204 Paradigms of Programming

This course provides the insights of concepts and styles of various programming languages. It gives an overview of programming paradigms and emphasizes the importance of understanding the

concepts. This course discusses the concepts that are common in various programming languages. It also focuses on some underlying concepts vary among programming languages according to certain programming paradigms. This course examines at least one programming language for each selected programming paradigm. Main programming paradigms may include imperative, functional, logic and object-oriented paradigms. However, the choice of programming paradigms and languages are subject to change at any time.

MMS60104 Development of Web Application

This course emphasized the knowledge and web programming skill using web application framework. Apart from that, skill on web programming language and SQL are required to manipulate the database to produce a dynamic information system.

SSP6503 Art & Art Education Research Methodology

The course focuses on the research methods in the fieldwork. Application of data collection and analysing procedures and techniques in Art and Art Education Research. Students identify research problems, determine the methods and instruments used. Students conduct research in the field with instruments that are built using the proposed techniques and data collection. Students are required to make data analysis and conclusion and submit report individually and in groups

CURRICULUM STRUCTURE

MASTER'S NON-EDUCATION PROGRAMS

The following are the master's non-education programs based on thesis courses, in which students are required to enrol according to the respective programs in each semester.

MASTER OF SCIENCE Master by Research (Mode A)

Program Code	Program Name	Thesis Code	Course Name
MT99	Computer Graphics and Animation	MTG59941	Thesis
MT106	Information System and Management	MTD59941	Thesis
MT107	Software Engineering	MTS59941	Thesis
MT167	Artificial Intelligence	MFR59941	Thesis
MT166	Human Computer Interaction	MMG59941	Thesis
MT62	Instructional Technology	MTT59941	Thesis
MT108	Internet and Web Computing	MTP59941	Thesis

Note: Programs offered by the Department of Computing

MASTER OF ART Master by Research (Mode A)

Program Code	Program Name	Thesis Code	Course Name
MT85	Fine Art Study	SSH59941	Thesis
MT86	Art History Study	SSS59941	Thesis
MT87	Visual Communication Study	SSV59941	Thesis
MT88	Design Study	SSR59941	Thesis
MT89	Craft Study	SSK59941	Thesis
MT90	Cultural Study	SSB59941	Thesis
MT129	Fine Art Studio	SST59941	Thesis

Programs offered by the Department of Art

Note:

MASTER OF DESIGN

Master by Research (Mode A)

Program Code	Program Name	Thesis Code	Course Name
MT150	Multimedia Application	MMA59941	Thesis
MT151	Creative Branding	MVA59941	Thesis
MT152	Advertising	MVB59941	Thesis
MT154	Instructional Media	MMB59941	Thesis
MT156	Digital Games	MXA59941	Thesis
MT157	Game-Based Learning	MXB59941	Thesis
MT155	New Media	MMC59941	Thesis
MT171	Creative Study	MRR59941	Thesis

Note: Programs offered by the Department of Creative Multimedia

**Students are required to attend at least one course of research methodology throughout the study and meet the requirements of the audit course. Students may also be required to attend other courses on the Faculty's proposal and meet the audit course requirements.

CURRICULUM STRUCTURE

DOCTOR OF PHILOSOPHY

The following are the doctoral programs based on thesis courses, in which students are required to enrol according the respective programs.

Program Code	Program Name	Thesis Code	Course Name
PT30	Multimedia Education	MTM79980	Thesis
PT36	Information Technology Education	MTK79980	Thesis
PT37	Internet Computing Education	MTI79980	Thesis
PT41	Art Education	MAE79980	Thesis
PT63	Fine Art Study	MAF79981	Thesis
PT64	Art History Study	MAH79981	Thesis
PT65	Cultural Study	MAC79981	Thesis
PT75	Information System and Management	MTD79981	Thesis
PT76	Internet and Web Computing	MTP79981	Thesis
PT129	Fine Art Studio	SST79981	Thesis
PT150	Multimedia Design	MMR79981	Thesis
PT151	Creative Branding	MMB79981	Thesis
PT152	Advertising	MMP79981	Thesis
PT153	Information Design	MMM79981	Thesis
PT154	Instructional Media	MMI79981	Thesis
PT155	New Media	MMN79981	Thesis
PT156	Digital Games	MMH79981	Thesis
PT157	Game-Based Learning	MME79981	Thesis
PT161	Artificial Intelligence	MIR79981	Thesis
PT166	Human-Computer Interaction	MMG79981	Thesis

PT168	Software Engineering	MER79981	Thesis
PT167	Creative Study	MMK79981	Thesis

**Students are required to attend at least one course of research methodology throughout the study and meet the requirements of the audit course. Students may also be required to attend other courses on the Faculty's proposal and meet the audit course requirements.

IMPORTANT NOTES:

RESEARCH PROPOSAL PRESENTATION

1. Students are required to attend at least one (1) presentation of research proposal before they present their research proposal.

2 The maximum period given to a PHD/master's degree student (by research and mixed mode) to present the research proposal is as follows:

Study Status PHD /Master	Proposal present <u>before</u>
Full-Time	*Second semester (subsequent to registration of dissertation)
Part-Time	* Third semester (subsequent to registration of dissertation)

3. The Rather Unsatisfactory status will be given to students who fail to present their research proposal after the second semester (for full-time students) or third semester (for part-time students), despite having submitted the research progress report and being given the Satisfactory status by the supervisor. The following are the prescribed levels of assessment for a student:

Study Status PHD/ Master		Status received Status
After second semester (full-time) After third semester (part-time)	First time	Rather Unsatisfactory (KM)
After third semester (full-time)	Second time	Unsatisfactory (TM)

After fourth semester (part-time)		
After fourth semester (full-time)) After fifth semester (part-time)	Third time	Unsatisfactory and terminated (two consecutive times of Unsatisfactory status) (TM)

RESEARCH FINDINGS PRESENTATION

Students MUST present at least one (1) research findings before submitting the notice and preliminary thesis to IGS (for all PHD students and Master by research starting Semester 2 Session 2017/2018).

RESEARCH PROGRESS REPORT

All PHD and Master Student MUST submit their research progress report online every semester.

FACILITIES OF THE FACULTY

FACCI has an impressive array of laboratories and studios, which are strategically located around UPSI campus. In particular, the management centre of laboratories and studios occupies the Information Technology Building, which oversees the management and control of such facilities. The following table summarizes the name of buildings and the number of laboratories and studios for learning and teaching activities.

NO.	NAME OF BUILDING	NO. OF LABORATORIES
1	Information Technology Building	14
2	Integrated Knowledge Laboratory	8
3	Rahman Talib Building	1
4	Art Workshop: A	1
5	Art Workshop: B	1

All laboratories are fully equipped with the latest software and hardware to support the learning and teaching process. In addition, they are open for students to gain internet access to information and materials required for assignments, projects or research. The following table provides the details of the Information Technology laboratories.

No	LABORATORY	NO. OF LABORATORY
1	Teaching and Learning Computer Laboratory	12
	(General)	
2	Multimedia Laboratory	4
3	Animation Laboratory	1
4	Micro-Teaching Laboratory	1
5	Engineering Technology Laboratory	1
6	Postgraduates Computer Laboratory	2
7	Macintosh Laboratory	1
8	Robotic Laboratory	1
9	Electronic Laboratory	1
10	Animation Studio	1
11	Graphics Studio	1
12	Carpentry Studio	1
	TOTAL	27

MISCELLANEOUS FORMS

Please refer to FSKIK website / IGS website to download miscellaneous forms.

STUDENT PERSONALITY

Students must at all time comply with the student personality requirements as stipulated by the university rules when attending lectures in lecture halls and interacting with officers at the office counters. Students are also required to comply with the proper attire requirements when they are in the campus.

CONTACT ADDRESS

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OFFICIAL WORKING HOURS

Monday – Thursday:	8.00 am – 1.00 pm
	2.00 pm – 5.00 pm
Friday :	8.00 am – 12.15 pm
	2.45 pm – 5.00 pm

CLOSING

This guidebook has been updated at the time of printing. Information contained therein may change from time to time due to amendments or additions of new information.

Note:

Information in this guidebook is accurate and valid at the time of printing. The faculty reserves the right to add new information or make amendments deemed necessary to the contents of the guidebook without giving prior notice to students.





Fakulti Seni, Komputeran dan Industri Kreatif Faculty of Arts, Computing and Creative Industry

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