



UNIVERSITI
PENDIDIKAN
SULTAN IDRIS

اونيورسيٲى فنډيديقن سلطان اڤريس

SULTAN IDRIS EDUCATION UNIVERSITY

FSKIK

FAKULTI SENI, KOMPUTERAN DAN INDUSTRI KREATIF

FACULTY OF ARTS, COMPUTING AND CREATIVE INDUSTRY

NAIDA

BUKU PANDUAN AKADEMIK
Academic Guide Book

PROGRAM PENGAJIAN
SISWAZAH
Post Graduate

SESI 2022/2023
2022/2023 Session

UNIVERSITI
No.1
PENDIDIKAN

FACULTY OF ART, COMPUTING AND CREATIVE INDUSTRY

THE GUIDEBOOK OF GRADUATE STUDY PROGRAMS

Academic Session 2022/2023

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MASKOT FSKIK

DEAN'S FOREWORD

السلام 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. Ts. Dr. Muhammad Zaffwan Idris

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.

MOTTO

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

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BACKGROUND, VISION, AND ESTABLISHMENT OF FACULTY

BACKGROUND OF FACULTY

In keeping abreast with the latest advancements and emerging national needs, the seventy-second 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)	<p>Local Candidates</p> <ul style="list-style-type: none"> 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) Pass the interview and portfolio assessment conducted by a panel appointed by the faculty. <p>International Candidates</p> <ul style="list-style-type: none"> 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. iii) Pass the interview online and portfolio assessment conducted by a panel appointed by the faculty.
Doctoral Degree (Fine Arts Studio)	<p>Local Candidates</p> <ul style="list-style-type: none"> 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. <p>International Candidates</p> <ul style="list-style-type: none"> 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) 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. iii) Pass the interview online and portfolio assessment conducted by a panel appointed by the faculty

MANAGEMENT AND ADMINISTRATION OF THE FACULTY

DEAN



Dean

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DEPUTY DEANS



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HEADS OF DEPARTMENT



**Head of Department
of
Art and Design**

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**Head of Department
of
Computing**

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**Head of Department
of
Creative Multimedia**

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ADMINISTRATION



Senior Deputy Registrar

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PROGRAM COORDINATORS



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Graduate Programs Coordinator - Computing

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Graduate Programs Coordinator - Creative Multimedia

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Art Designer Mrs. Nor Adilah binti Ghazali	adilah@upsi.edu.my 05-4506412
Art Designer Mrs. Rosyada binti Elias	rosyada@upsi.edu.my 05-4505593
General Office Assistant Mr. Jamaluddin bin Ariffin	jamal@upsi.edu.my 05-4505921

ACADEMIC STAFF

DEPARTMENT OF ART AND DESIGN

No.	Detail	Field/Specialization
1.	<p style="text-align: center;">Head Department</p> <p style="text-align: center;">Dr. Harleny binti Abd Arif harleny@fskik.upsi.edu.my 05-4505339</p> <p style="text-align: center;">Doctor of Philosophy - Arts Education <i>Universiti Pendidikan Sultan Idris (2014)</i></p> <p style="text-align: center;">Master of Arts - Malay Letters <i>Universiti Kebangsaan Malaysia, Bangi (2006)</i></p> <p style="text-align: center;">Art Teachers' Diploma - Arts Education <i>Universiti Teknologi MARA (2002)</i></p> <p style="text-align: center;">Bachelor of Art - Fashion Design <i>Universiti Teknologi MARA (1998)</i></p>	<ul style="list-style-type: none"> • Art Education • Cultural Studies • History of Art • Islamic Art • Curriculum Design & Curriculum Development • Malay Letters • Folklore/ Oral Tradition • Malay Philosophy and Thought • Fashion Design & Garment Making
2	<p style="text-align: center;">Prof. Dr. Mohd Fauzi bin Sedon @ M. Dom mohd.fauzi@fskik.upsi.edu.my 05-4506536</p> <p style="text-align: center;">Doctor of Philosophy (Ph.D.) - Fine Art <i>University of Tasmania (2007)</i></p> <p style="text-align: center;">Master of Art – Fine <i>Univ. of Central England in Brimingham (1996)</i></p> <p style="text-align: center;"><i>Institut Technology Mara (1994)</i></p> <p style="text-align: center;">Bachelor of Art - Art and Design (Printmaking) <i>Universiti Teknologi Mara, (UiTM)(1993)</i></p>	<ul style="list-style-type: none"> • Fine Art • Exhibition and Display • Art & Design • Studio Based Research • Consumer Culture • Art and Culture • Art and Environment • Art and Social Change
3	<p style="text-align: center;">Prof. Dr. Tajul Shuhaizam bin Said tajul@fskik.upsi.edu.my 05-4505836</p> <p style="text-align: center;">Doctor of Philosophy (Ph.D.) - Art (Ceramic) <i>Universiti Sains Malaysia, (USM)(2009)</i></p> <p style="text-align: center;">M.A. - Surface Design <i>University Of Central England in Birmingham, UK (2002)</i></p> <p style="text-align: center;">Master of Art Design – Ceramic <i>Universiti Teknologi Mara, (UiTM)(1998)</i></p>	<ul style="list-style-type: none"> • History of Art • Art and Culture • Fine Art (Craft) • Exhibition and Display • Ceramic

4	<p>Assoc. Prof. Dr. Harozila binti Ramli harozila@fskik.upsi.edu.my 05-4505836</p> <p>Doctor of Philosophy (Ph.D.) - Art (Batik) <i>Universiti Sains Malaysia, (USM)(2009)</i></p> <p>M.A. - Textiles Design <i>UCE Birmingham UK (2002)</i></p> <p>Diploma of Art Education <i>Universiti Teknologi Mara, (UiTM)(2000)</i></p> <p>Bachelor of Art - Textiles Design <i>University Technology Mara, (UiTM)(1998)</i></p>	<ul style="list-style-type: none"> • Art Education • Art and Culture • Fine Art (Craft) • Textile Design/Batik/Textile Fibre/Textile Printing/Textile Studio • History of Art • Exhibition and Display • Weaving Craft
5	<p>Assoc. Prof. Dr. Mohd Zahuri bin Khairani zahuri@fskik.upsi.edu.my 05-4506527</p> <p>Doctor of Philosophy (Ph.D.) – Fine Art <i>Sheffield Hallam University, UK</i></p> <p>Master of Art - (Fine Art) <i>Universiti Malaysia Sarawak, (UNIMAS)(2002)</i></p> <p>Bachelor of Art – Applied Art (Fine Art) <i>Universiti Malaysia Sarawak, (UNIMAS)(1998)</i></p>	<ul style="list-style-type: none"> • Art Education • Art and Culture • Exhibition and Display • Fine Art • Studio Based Research
7.	<p>Prof Madya Dr. Abdul Aziz bin Zalay @ Zali a.aziz@fskik.upsi.edu.my 05-4506757</p> <p>Doctor of Philosophy (Ph.D.) - Arts (Furniture) University of Tasmania (2013)</p> <p>Master of Education – Art <i>Universiti Pendidikan Sultan Idris, (UPS)(2005)</i></p> <p>Bachelor of Art – Industrial Design <i>Universiti Teknologi Mara, (UiTM)(1999)</i></p>	<ul style="list-style-type: none"> • Art Education • Fine Art • New Media • Art and Design Technology • Industrial Design • Product Design • Furniture Design • Multimedia in Art Education • Studio Based Research • Wood Carving • Sustainable Design
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	<p><i>Universiti Teknologi Mara,(UiTM)(2001)</i></p> <p>Diploma of Landscape Architecture <i>Universiti Teknologi Mara,(UiTM)(1999)</i></p>	<ul style="list-style-type: none"> • Landscape and Cultural Heritage
9	<p>Dr. Muhammad Fadhil Wong bin Abdullah fadhil.wong@fskik.upsi.edu.my 05-4505174</p> <p>Doctor of Philosophy -- Digital Games <i>Universiti Pendidikan Sultan Idris (2016)</i></p> <p>Master of Knowledge Management with Multimedia <i>Multimedia University (2007)</i></p> <p>Bachelor of Science -- Multimedia (Media Innovation) <i>Multimedia University (2000)</i></p> <p>Certificate of Architecture (Drafting) <i>Politeknik Port Dickson (1996)</i></p>	<ul style="list-style-type: none"> • Multimedia • Creative Studies • Digital Games • Digital Art and Illustration • Creative Thinking
10	<p>Ts. Dr. Muhamad Firdaus bin Ramli firdaus.ramli@fskik.upsi.edu.my 05-4505423</p> <p>Doctor of Philosophy (Ph.D.) – Art and Design <i>Universiti Teknologi MARA(2016)</i></p> <p>Master of Art -- Art and Design (Design Technology) <i>Universiti Teknologi MARA(2008)</i></p> <p>Master of Art – Fashion Design <i>Universiti Teknologi MARA(2004)</i></p>	<ul style="list-style-type: none"> • 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
11	<p>Dr. Nor Syazwani Binti Mat Salleh syazwani.ms@fskik.upsi.edu.my 05-4505424</p> <p>Doctor of Philosophy (Resources and Information Technology) (Education) <i>Universiti Kebangsaan Malaysia (2017)</i></p> <p>Master of Education (Computer Education) <i>Universiti Kebangsaan Malaysia (2012)</i></p> <p>Bachelor of Information Technology (Software Engineering) <i>Universiti Tun Hussein Onn Malaysia (2010)</i></p>	<ul style="list-style-type: none"> • 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

12	<p>Dr. Zainuddin bin Abindinhazir zainuddina@fskik.upsi.edu.my 05-4506719</p> <p>Doctor of Philosophy (Ph. D) – <i>Universiti Teknologi MARA(2013)</i></p> <p>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 Teknologi Mara,(UiTM)(1992)</i></p>	<ul style="list-style-type: none"> • Fine Art • Fine Metals • Sculpture • Printing (Silk Screen) • Weaving Craft • Art History • Cultural study • Art Education • Jewellery Design and Making
13	<p>Assoc. Prof. Dr. Yakup bin Mohd Rafee yakup@fskik.upsi.edu.my 05-4505921</p> <p>Doctor of Philosophy (Ph.D.) - Fine art (Painting and Drawing) University Of The West Of England, Bristol(2011)</p> <p>Master of Fine Arts - Fine Arts (Painting and Drawing Studio) Academy of Art University, San Francisco, California(2004)</p> <p><i>Diploma Senibina - Senibina (Senibina) Universiti Teknologi Malaysia(1995)</i></p>	<ul style="list-style-type: none"> • Painting and Drawing Studio • Art and Culture • Exhibition and Display • Fine Art • Studio Based Research • Visual Ethnography • Borneo Indigenous Study
14	<p>Dr. Norakmal binti Abdullah norakmal@fskik.upsi.edu.my 05-4506540</p> <p>Doctor of Philosophy (Art and Design) <i>Universiti Teknologi Mara,(UiTM)(2020)</i></p> <p>Master of Art -- Art and Design - (Art Design Technology) <i>Universiti Teknologi Mara,(UiTM)(2005)</i></p> <p>Diploma of Education -- Art Education <i>Universiti Teknologi Mara,(UiTM)(2002)</i></p> <p>Bachelor of Art Reka - Textile Design <i>Universiti Teknologi Mara,(UiTM)(2000)</i></p>	<ul style="list-style-type: none"> • 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) • 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

15	<p>Dr. Elis Syuhaila binti Mokhtar elis.mokhtar@fskik.upsi.edu.my 05-4506000</p> <p>Doctor of Philosophy (Ph.D.) – Fine Art (Practice) Loughborough University, UK (2019)</p> <p>Master of Fine Art and Technology – Major in Painting & Drawing (Practice) Universiti Teknologi Mara, (UiTM) (2013)</p> <p>Bachelor of Fine Art – Major in Painting (Practice) Universiti Teknologi Mara, (UiTM) (2000)</p>	<ul style="list-style-type: none"> • 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
16	<p>Dr. Norzuraina binti Mohd Nor zuraina.nor@fskik.upsi.edu.my 05-4506000</p> <p>Doctor Philosophy (Art Education) <i>Universiti Pendidikan Sultan Idris(2019)</i></p> <p>Master of Education – Art <i>Universiti Pendidikan Sultan Idris,(UPSI)(2015)</i></p> <p>Bachelor of Design (Fashion) <i>Universiti Teknologi Mara(UiTM)(2002)</i></p>	<ul style="list-style-type: none"> • Art Education • Special Education • Fashion Design • Theater Practices • Orang Asli’s Cultural Practices • Fashion Textile design • Curriculum Design & Curriculum Development
17	<p>Dr. Ida Puteri binti Mahsan idaputeri@fskik.upsi.edu.my 05-4506000</p> <p>Doctor of Philosophy (Arts Education), UPSI(2019)</p> <p>Master Master of Education (Arts) UPSI</p> <p>Degree Bachelor of Arts and Design, UiTM Shah Alam</p>	<ul style="list-style-type: none"> • Arts Education
18	<p>Dr. Ramin Hajianfard ramin@fskik.upsi.edu.my 05-4506000</p> <p>Ph. D in Islamic and Other Civilization/Islamic Arts - Islamic and Other Civilization/Islamic Arts (-) Universiti Islam Antarabangsa Malaysia(2017)</p> <p>Master of Arts (Art Research) - Art Research (-) Islamic Azad University, Iran(2008)</p> <p>Bachelor of Arts Agricultural Engineering - Bachelor of Arts Agricultural Engineering (-) Islamic Azad University, Iran(1993)</p>	<ul style="list-style-type: none"> • Islamic and Other Civilization/Islamic Arts • Art Research

19	<p>Dr. Intan Khasumarlina binti Mohd. Khalid intan@fskik.upsi.edu.my 05-4506542</p> <p>Doctor of Philosophy (Ph.D.) – Landscape Studies University Putra Malaysia-UPM (2021)</p> <p>Master of Education -- Technical and Vocational Education <i>Universiti Teknologi Malaysia, (UTM)(2006)</i></p> <p>Bachelor of Education -- Art <i>Universiti Pendidikan Sultan Idris, (UPSI)(2003)</i></p> <p>Diploma of Landscape Architecture - (Architecture Design and Sketches) <i>Universiti Teknologi Mara, (UiTM)(1998)</i></p>	<ul style="list-style-type: none"> • Art Education • Landscape Architecture • Technical and Vocational Education -Landscape • Landscape Studies • Urban and Rural Cultural Heritage Landscape
19	<p>Mrs. Siti Salwa binti Jamaldin salwa@fskik.upsi.edu.my 05-4505397</p> <p>M.A. - Textile (Fashion Design) <i>University of Central England, UK (2003)</i></p> <p>Bachelor of Art - Fashion Design <i>University Technology Mara, (UiTM)(2002)</i></p>	<ul style="list-style-type: none"> • Fashion Design • Fashion Technology (Lectra System) • Footwear Design & Technology • Weaving Craft • Exhibition and Display • Fashion Illustration • Art and Culture
20	<p>Mrs. Jamilah binti Omar jamilah@fskik.upsi.edu.my 05-4505191</p> <p>Master of Education – Art <i>Universiti Pendidikan Sultan Idris, (UPSI)(2004)</i></p> <p>Bachelor of Education - Art <i>Universiti Pendidikan Sultan Idris, (UPSI)(1999)</i></p> <p>Diploma of Special Teaching of Art Education <i>Maktab Teaching Perempuan Melaka (1997)</i></p>	<ul style="list-style-type: none"> • Art Education
21	<p>Mr. Amir bin Hashim amir@fskik.upsi.edu.my 05-4506877</p> <p>Master of Art -- Art Education <i>University Education Sultan Idris, (UPSI)(2005)</i></p> <p>Postgraduate Diploma of Education – Art Education <i>IPSI (1995)</i></p> <p>Bachelor of Art and Design – Graphic <i>Universiti Teknologi Mara, (UiTM)(1993)</i></p> <p>Diploma of Art and Design - Graphic Art Design <i>Universiti Teknologi Mara, (UiTM)(1993)</i></p>	<ul style="list-style-type: none"> • Visual Communication • Art Education

22	<p>Mrs. Muriza binti Mustafa muriza@fskik.upsi.edu.my 05-4506540</p> <p>Master of Science – Interior Design <i>Universiti Sains Malaysia, (USM)(2006)</i></p> <p>Bachelor Science (Hons) – Housing, Building, and Planning (Interior Design) <i>Universiti Sains Malaysia, (USM)(2001)</i></p>	<ul style="list-style-type: none"> • Interior Design • Exhibition and Display • Interior Decoration • Building and Construction
23	<p>Mr. Fareez bin Vincent Amos@Mohd Fadly fareez.vincent@fskik.upsi.edu.my 05-4505398</p> <p>Master of Art and Design (Fine Art) <i>Universiti Teknologi MARA, Cawangan Shah Alam(2013)</i></p> <p>Bachelor Art and Design (Fine Art) <i>Universiti Teknologi MARA, Cawangan Shah Alam(2011)</i></p>	<ul style="list-style-type: none"> • Fine Art
24	<p>Drs. Izani bin Mat II, HuM izani@fskik.upsi.edu.my 05-4506765</p> <p>Master Program Studi Pengkajian Seni Pertunjukan dan Seni Rupa - Pengkajian Seni Pertunjukan dan Seni Rupa (Kajian Seni) Universiti Gadjah Mada, Indonesia.(2002)</p> <p>Diploma Pendidikan - Pendidikan Seni (-) Institut Pendidikan Sultan Idris, Tanjong Malim, Perak(1994)</p> <p>Sarjana Seni Rupa - Kraftangan (Ukiran Kayu) Institut Seni Indonesia(1992)</p>	<ul style="list-style-type: none"> • 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
25	<p>Mr. Abdul Razak bin Abd Jabbar abdul.razak@fskik.upsi.edu.my 05-4505340</p> <p>Ijazah Sarjana Pendidikan Seni Lukis Dan Seni Reka - Seni Lukis Dan Seni Reka (Seni Kaca) Universiti Teknologi Mara (UiTM)(2003)</p> <p>Ijazah Sarjana Muda Senilukis Dan Senireka - Senilukis Dan Senireka (Fine Art) Universiti Teknologi Mara (UiTM)(1990)</p>	<ul style="list-style-type: none"> • Glass Art. • Batik on glass and paint on glass. • Glass mosaic, Slumping • Fusing and Hot Glass Like Glass casting, and creative glass techniques (Cold, Warm And Hot Glass) • Child Education Research • Handicraft research • Conservation of Wooden Buildings

		<ul style="list-style-type: none"> • Historical Research • Socio -Cultural Research • Archipelago Visual Language • Perfect Bajau Philosophy and Thought • The meaning behind the tombstones of the archipelago ethnic groups
26	<p>Mr. Lee Hoi Yeh yehlee90@live.com 056561522</p> <p>Master of Education (Arts) UPSI(2019)</p> <p>Bachelor of Art <i>IPG Kampus Tengku Ampuan Afzan Kuala Lipis, Pahang(2013)</i></p>	<ul style="list-style-type: none"> • Visual Arts Assessment • Art Module Income • Art model income • Curriculum Design • Curriculum Development • Indigenous cultural practice

* Cuti Belajar (SLAB/SLAI)

** Cuti Belajar/Post Doctoral/Sabatikal

DEPARTMENT OF COMPUTING

Lecturer		
Bil	Detail	Field/Specialization
1.	<p style="text-align: center;">Head of Department</p> <p style="text-align: center;">Dr. Mohd Hishamuddin Bin Abdul Rahman <u>mhishamuddin@fskik.upsi.edu.my</u> 05-4505094</p> <p>Doctor of Philosophy - Educational Technology (Educational Technology) <i>Universiti Teknologi Malaysia</i> (Skudai) (2017)</p> <p>Master of Education (Educational Technology) - Education (Educational Technology) <i>Universiti Teknologi Malaysia</i>, Skudai (2011)</p> <p>Diploma in Computer Science (Multimedia) - Computer Science (Multimedia) <i>Universiti Teknologi Malaysia</i> (2007)</p>	<ul style="list-style-type: none"> • Multimedia in Education • Education Technology • Animation • Game-based learning • Gamification
2	<p>Prof. Dr. Che Zalina binti Zulkifli <u>chezalina@fskik.upsi.edu.my</u> 05-4505520</p> <p>Doctor of Philosophy --- Electrical and Electronic Engineering (Wireless Communication and Mobile System) <i>Universiti Sains Malaysia, (USM)</i>(2013)</p> <p>Master of Electrical and Electronic Engineering (Electronics and System Design) <i>Universiti Sains Malaysia, (USM)</i>(2008)</p> <p>Bachelor of Science - Electrical and Electronic Engineering <i>Universiti Teknologi Malaysia, (UTM)</i>(1997)</p> <p>Diploma of Technical Education <i>Maktab Perguruan Teknik</i> (2002)</p>	<ul style="list-style-type: none"> • Electronics & Electrical Engineering • Embedded System IoT and Automation
3	<p>Assoc. Prof. Ts. Dr. Muhammad Modi bin Lakulu <u>modi@fskik.upsi.edu.my</u> 05-4505835</p> <p>Doctor of Philosophy (Ph.D.) - Computer Science (Knowledge Management) <i>University Putra Malaysia, (UPM)</i>(2012)</p> <p>Master of Science -- Software Engineering <i>University of Bradford, UK</i> (2002)</p> <p>Bachelor of Science - Computer Science <i>Universiti Teknologi Malaysia, (UTM)</i>(1998)</p> <p>Diploma of Computer Science – Database and Engineering <i>Universiti Teknologi Malaysia, (UTM)</i>(1996)</p>	<ul style="list-style-type: none"> • Educational technology • Management Information System • Software Engineering • Applied Computing
4	<p>Assoc. Prof. Dr. Nor Hasbiah binti Ubaidullah <u>hasbiah@fskik.upsi.edu.my</u> 05-4505843</p> <p>Doctor of Philosophy (Ph.D.) -- Information Technology <i>Universiti Kebangsaan Malaysia, (UKM)</i>(2007)</p> <p>Master of Science - Information Systems <i>University Salford, UK</i> (1998)</p> <p>Bachelor of Science -- Computer Science <i>Universiti Kebangsaan Malaysia, (UKM)</i>(1991)</p>	<ul style="list-style-type: none"> • Information System • Software/ Courseware Engineering • ICT in Education • Computational Thinking

5	<p>Assoc. Prof. Dr. Ramlah binti Mailok <u>mramlah@fskik.upsi.edu.my</u> 05-4505940</p> <p>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, (UiTM)(1993)</i></p>	<ul style="list-style-type: none"> • Information technology • Educational technology • AI in education
6	<p>Assoc. Prof. Dr. Amri bin Yusoff <u>amri@fskik.upsi.edu.my</u> 05-4505072</p> <p>Doctor of Philosophy (Ph.D.) -- Computer Science <i>University of Southampton, UK (2010)</i> Master of Engineering – Information Science and System Engineering <i>OITA University, Japan (1995)</i> Bachelor of Science -- Electrical Engineering <i>University of Nevada Reno, USA (1987)</i></p>	<ul style="list-style-type: none"> • Electronics & Electrical Engineering • Embedded System • Robotics and Automation • IoT • Game Design and Development • Game-Based Learning
7	<p>Assoc. Prof. Dr. Bahbibinti Rahmatullah <u>bahbibinti@fskik.upsi.edu.my</u> 05-4505527</p> <p>Doctor of Philosophy - Engineering Science <i>University of Oxford, UK(2013)</i> Master of Engineering Science (Signal and Image Processing) <i>Universiti Multimedia, (MMU)(2007)</i> Bachelor of Engineering (Computer dan Telekomunikasi) <i>Vanderbilt University, USA (1999)</i> Diploma of Telecommunication Engineering <i>Institut Telekomunikasi and Information Technology Universiti Telekom (1997)</i></p>	<ul style="list-style-type: none"> • Biomedical Engineering - with focus on fetus and child development • Computer Science • IT in Education • Artificial Intelligence and Machine Learning • Image Analysis and Signal Processing
8	<p>Assoc. Prof. Dr. Maizatul Hayati binti Mohamad Yatim <u>maizatul@fskik.upsi.edu.my</u> 05-4505882</p> <p>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></p>	<ul style="list-style-type: none"> • Human-Computer Interaction • Game Design and Development • Usability Engineering

9	<p>Assoc. Prof. Dr. Aslina binti Saad aslina@fskik.upsi.edu.my 05-4505030</p> <p>Doctor of Philosophy (Ph.D.) -- Computer Science <i>Loughborough University, UK (2011)</i> Master of Science - Information Technology <i>Universiti Teknologi Mara, (UTM)(2003)</i> Bachelor of Science -- Information Technology (Systems Management) <i>Universiti Kebangsaan Malaysia, (UKM)(2001)</i></p>	<ul style="list-style-type: none"> • Information System • IT in educational • Software Engineering • Management Information System • Computational Thinking
10	<p>Assoc. Prof. Ts. Dr. Abu Bakar Bin Ibrahim bakar@fskik.upsi.edu.my 05-4506503</p> <p>Doctor of Philosophy -- Electronics (Communication) <i>Universiti Teknikal Malaysia (UTeM)(2013)</i> Master of Education – Technical Education <i>Universiti Teknologi Malaysia (UTM)(2000)</i> Bachelor of Computer Technology -- Electrical Engineering <i>Universiti Teknologi Malaysia (UTM)(1998)</i> Diploma of Engineering (Electronics) <i>Universiti Teknologi Malaysia (UTM)(1993)</i></p>	<ul style="list-style-type: none"> • Electronics & Electrical Engineering • Engineering Technology • Wireless Technology
11	<p>Assoc. Prof. Ts. Dr. Shamsul Arrieya bin Ariffin shamsul@fskik.upsi.edu.my 05-4505402</p> <p>Doctor of Philosophy -- Software Engineering <i>University of Technology, Sydney (UTS) (2014)</i> Master of Information Technology <i>Universiti Teknologi Mara, (UiTM)(2005)</i> Bachelor of Science - Computer Science <i>University College London (1997)</i></p>	<ul style="list-style-type: none"> • Mobile Learning • Information Technology/Software Eng. • Human Computer Interaction/Usability Eng. • Management Information System • Gamification • Software Engineering
12	<p>Assoc. Prof. Dr. Mashitoh binti Hashim mashitoh.hashim@fskik.upsi.edu.my 05-4505084</p> <p>Doctor of Philosophy -- Computer Science <i>Canterbury University (2013)</i> Master of Information Technology -- Software Engineering <i>Universiti Kebangsaan Malaysia, (UKM)(1999)</i> Bachelor of Science -- Information Technology (Computer Science) <i>Universiti Kebangsaan Malaysia, (UKM)(1998)</i></p>	<ul style="list-style-type: none"> • Computer Science • Computer Science in Education • System and Mobile Apps Development • Computational Thinking
13	<p>Assoc. Prof. Dr. Suzani binti Mohamad Samuri suzani@fskik.upsi.edu.my 05-4505025</p> <p>Doctor of Philosophy -- Automatic Control and System Engineering <i>University of Sheffield, UK (2012)</i> Bachelor of Engineering - Electrical and Engineering <i>University Technology Petronas, (UTP)(2003)</i></p>	<ul style="list-style-type: none"> • Intelligent System • Data mining, modelling and visualization • Data analytics and visualization • Automation and Control • Electrical and electronics

14	<p>Assoc. Prof. Dr. Ashardi bin Abas <u>ashardi@fskik.upsi.edu.my</u> 05-4507218</p> <p>Doctor of Philosophy (Ph.D.) -- Artificial Intelligence <i>University of Bradford (2011)</i></p> <p>Master of Science-- Mechatronics (Data and Digital Signal Processing) <i>University Islam Antarabangsa Malaysia,(UIAM)(2004)</i></p> <p>Teaching Certificate - NVQ Level 4 <i>City and Guild London (2000)</i></p> <p>Bachelor of Science -- Electrical and Electronics <i>University Of Hertfordshire (1999)</i></p> <p>Higher National Diploma -- Electrical and Electronics <i>Kolej Tuas Polytech Mara (1997)</i></p>	<ul style="list-style-type: none"> • Electrical & electronic • Mechatronics • Artificial intelligence • Image processing • Embedded systems
15	<p>Assoc. Prof. Dr. Hjh. Nor Azah binti Abdul Aziz <u>azah@fskik.upsi.edu.my</u> 05-4505190/5834</p> <p>Doctor of Philosophy - Islamic Psycho-Spirituality <i>Universiti Malaya,(UM)(2009)</i></p> <p>Diploma – Islamic Revealed Knowledge <i>Universiti Islam Antarabangsa Malaysia,(UIAM)(2002)</i></p> <p>Master of Computer Science – Multimedia <i>Universiti Putra Malaysia,(UPM)(2002)</i></p> <p>Bachelor of Science -- Information Technology (Information Science) <i>Universiti Kebangsaan Malaysia,(UKM)(1998)</i></p>	<ul style="list-style-type: none"> • Multimedia Application Development • Multimedia in Education • E-learning • Child Computer Interaction • Interactive Design • Islamic psycho-spiritual • Gestural Interface Design
16	<p>Dr. Che Soh bin Said <u>chesoh@fskik.upsi.edu.my</u> 05-4505010</p> <p>Doctor of Philosophy (Ph.D.) -- Education and Multimedia <i>Universiti Sains Malaysia,(USM)(2012)</i></p> <p>Master of Science – Computer Science <i>Universiti Putra Malaysia,(UPM)(2001)</i></p> <p>Bachelor of Computer Science with Education <i>Universiti Teknologi Malaysia,(UTM)(1995)</i></p>	<ul style="list-style-type: none"> • Virtual Reality • Augmented Reality • Computer Animation • Instructional Technology
17	<p>Assoc. Prof. Dr. Wang Shir Li <u>shirli@fskik.upsi.edu.my</u> 05-4505022</p> <p>Doctor of Philosophy -- Computer Science <i>University Of New South Wales (2012)</i></p> <p>Master of Science -- Electronic and Electrical Engineering Universiti Sains Malaysia,(USM)(2007)</p> <p>Bachelor of Science -- Technology (Quality Control) <i>Universiti Sains Malaysia,(USM)(2002)</i></p>	<ul style="list-style-type: none"> • Artificial Intelligence • Data modelling and prediction • Neural networks • Evolutionary algorithms • Adversarial learning

18	<p>Dr. Azniah binti Ismail azniah@fskik.upsi.edu.my 05-4505898</p> <p>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 Management) <i>Universiti Utara Malaysia, (UUM)(1999)</i></p>	<ul style="list-style-type: none"> • Software Engineering Education • Information Technology Education • Game-based Learning • Requirements Engineering • Natural Language Processing • Computational Thinking • Computer Science (CS) Education
19	<p>Dr. Jamilah binti Hamid jamilah@fskik.upsi.edu.my 05-4505028</p> <p>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></p>	<ul style="list-style-type: none"> • Information technology • Educational technology • Virtual Reality and Augmented Reality • Computer in Education
20	<p>Dr. Suliana binti Sulaiman suliana@fskik.upsi.edu.my 05-4505055</p> <p>Doctor of Philosophy -- Computer Science and Systems Management Universiti Kebangsaan Malaysia, (UKM)(2013) Master of Information Technology -- Computer Science <i>Universiti Kebangsaan Malaysia, (UKM)(2008)</i> Bachelor of Science -- Computer Science (Artificial Intelligence) Universiti Malaya, (UM)(2003)</p>	<ul style="list-style-type: none"> • Artificial intelligence • Information systems • Information retrieval • Software engineering
21	<p>Dr. Ummu Husna binti Azizan ummuhusna@fskik.upsi.edu.my 05-4505412</p> <p>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></p>	<ul style="list-style-type: none"> • Information Technology in Education • Multimedia in Education • Gamification
22	<p>Dr. Laili Farhana binti Md Ibharim laili@fskik.upsi.edu.my 05-4505164</p> <p>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></p>	<ul style="list-style-type: none"> • Multimedia in Education • Game Design and Development • Multimedia • Game-Based Learning • Gamification

23	<p>Dr. Noor Anida Zaria binti Mohd Noor anidazaria@fskik.upsi.edu.my 05-4505149</p> <p>Doctor of Philosophy - Knowledge Management (-) <i>Northern University of Malaysia</i> (2012)</p> <p>Master of Science (Information Technology) - Information Technology (-) <i>Universiti Utara Malaysia</i> (2004) Master of Science (Information Technology)</p>	<ul style="list-style-type: none"> • Database • Knowledge Management (Knowledge Integration) • Management Information System • Entrepreneurship
24	<p>Dr. Hafizul Fahri bin Hanafi hafizul@fskik.upsi.edu.my 05-4505065</p> <p>PG Cert. In Teaching and Learning in Higher Education <i>UPSI – Roehampton University</i></p> <p>Doctor of Philosophy – Multimedia in Education Universiti Pendidikan Sultan Idris (UPSI) (2017)</p> <p>Master of Science-- Information Technology (Real-Time Software Engineering) <i>Universiti Teknologi Malaysia,(UTM)(2003)</i></p> <p>Bachelor of Science -- Computer Science (Software Engineering) <i>Universiti Teknologi Malaysia,(UTM)(2002)</i></p>	<ul style="list-style-type: none"> • Information Technology • Augmented Reality in Education • Virtual Reality in Education • Artificial Intelligent • Educational Technology • Mobile Learning in Education • E-Commerce and Digital Marketing
25	<p>Ts. Dr. Nazre bin Abdul Rashid nazre@fskik.upsi.edu.my 05-4505067</p> <p>Doctor of Philosophy - Electrical Engineering Universiti Teknologi Mara (UiTM) (2018)</p> <p>Master of Science - Computer Science <i>Universiti Putera Malaysia,(UPM)(2004)</i></p> <p>Bachelor of Science -- Computer Science <i>Universiti Sains Malaysia,(USM)(1996)</i></p>	<ul style="list-style-type: none"> • Computer Science • Signal Processing
26	<p>Dr. Norhisham bin Mohamad Nordin norhisham@fskik.upsi.edu.my 05-4505033</p> <p>Doctor of Philosophy Degree - Information System (Information System) <i>University of Western, Australia(2012)</i></p> <p>Master of Information Technology (Productivity) - Information Technology <i>Universiti Kebangsaan Malaysia(2001)</i></p> <p>Bachelor of Economics & Political Science - Economics & Political Science <i>University of Louisville, KY, USA.(1995)</i></p>	<ul style="list-style-type: none"> • Information Technology

27	<p>Dr. Haslinda binti Hashim haslinda@fskik.upsi.edu.my 05-4505166</p> <p>Doctor of Philosophy - <u>Information Technology (Instructional Technology)</u> <u>Sheffield University (2017)</u></p> <p>Master of Information Technology (Instructional Technology) Universiti Malaya, (UM)(2010)</p> <p>Bachelor of Education (Information Technology) Universiti Pendidikan Sultan Idris, (UPSI)(2007)</p>	<ul style="list-style-type: none"> • Instructional Technology • Educational Technology
28	<p>Dr. Mad Helmi bin Ab Majid madhelmi@fskik.upsi.edu.my 05-4505561</p> <p>☐ Bachelor of Engineering (Honours) - Kejuruteraan (Kejuruteraan Mekatronik) <i>Universiti Islam Antarabangsa Malaysia(2019)</i></p> <p>☐ Ijazah Doktor Falsafah Kejuruteraan Robotik - Robotik (Kejuruteraan) <i>Universiti Sains Malaysia(2019)</i></p> <p>☐ Master of Science (Mechatronics Engineering) - Kejuruteraan (Kejuruteraan Mekatronik) <i>Universiti Islam Antarabangsa Malaysia(2011)</i></p>	<ul style="list-style-type: none"> • Mechatronic Engineering • Robotic Engineering • Internet of Things (IoT) • Artificial Intelligence • STEM
29	<p>Dr. Suhazlan bin Suhaimi suhazlan@fskik.upsi.edu.my 05-4505528</p> <p>Doctor of Philosophy -- Information Technology and Quantitative Sciences (2018) <i>Universiti Teknologi Mara (UiTM)</i></p> <p>Master of Science -- Information Technology <i>Malaysia University of Science and Technology, (UTM)(2008)</i></p> <p>Bachelor of Science -- Computer Science (Networking) <i>Universiti Putra Malaysia, (UPM)(2003)</i></p> <p>Diploma of Science - Information Technology <i>Kolej Ugama Sultan Zainal Abidin (2000)</i></p>	<ul style="list-style-type: none"> • Computer Science • Information Technology • Networking • Educational Technology • IoT • Wireless Technology • IT in Education • Mobile Learning
30	<p>Dr. Roznim binti Mohamad Rasli roznim@fskik.upsi.edu.my 05-4505066</p> <p>Doctor of Philosophy -- In Science and Technology Universiti Sains Islam Malaysia (USIM) (2019)</p> <p>Master of Science - Expert System <i>Universiti Utara Malaysia, (UUM)(2005)</i></p> <p>Bachelor of Science -- Information Technology (Artificial Intelligence) <i>Universiti Utara Malaysia, (UUM)(2003)</i></p> <p>Diploma of Computer Science <i>Universiti Putera Malaysia, (UPM)(1999)</i></p>	<ul style="list-style-type: none"> • Artificial Intelligence • Data Mining. • Intelligent Systems. • Knowledge Management • Computer Science. • Human Computer Interaction. • IT/AI in Education.

31	<p>Dr. Nor Masharah binti Husain masharah@fskik.upsi.edu.my 05450507 Doctor of Philosophy - IT in Education <i>Universiti Pendidikan Sultan Idris (UPSI)</i> (2017) Master of Education – Information Technology <i>Universiti Pendidikan Sultan Idris (UPSI)</i> (2013) Bachelor of Science Information Technology (Computer Science) <i>Universiti Kebangsaan Malaysia (UKM)</i> (2011)</p>	<ul style="list-style-type: none"> • IT / Multimedia • IT in Education • Educational Technology • Mobile Learning
32	<p>Dr. Mohd Fadhil Harfiez bin Abdul Muttalib fadhil@fskik.upsi.edu.my 05-4506017 <i>PhD in Mechanical Engineering (Renewable Energy)</i> <i>Univeristi Teknologi PETRONAS</i>(2019) Master of Engineering - Mechanical Engineering <i>University of Liverpool, UK</i>(2007) Diploma of Science - Mechanical Engineering <i>UTM</i> (2002)</p>	<ul style="list-style-type: none"> • Mechanical Engineering • Renewable energy, Biomass, CAD, Manufacturing, IoT • Entrepreneurship • Technology Design
33	<p>Dr. Muhamad Hariz bin Muhamad Adnan mhariz@fskik.upsi.edu.my 05-4506000 Ph.D. in Information Technology Universiti Teknologi PETRONAS (2019) Master of Science (Computer Science) Universiti Sains Malaysia (2013) Bachelor of Computer Science (Major in Software Engineering & Minor in Management) Universiti Sains Malaysia (2008)</p>	<ul style="list-style-type: none"> • Artificial Intelligence • Data Science • Data Mining (Healthcare and Education) • Cloud Computing • Technology in Business and Entrepreneurship • Digitalization • Digital Marketing
34	<p>Dr. Abdullah Hussein Abdullah Al-Amoodi alamoodi@fskik.upsi.edu.my 05-4506000 Doctor of Philosophy – Artificial Intelligence <i>Universiti Pendidikan Sultan Idris (UPSI)</i> (2019) <i>Master of Science in Computer Networking</i> <i>Lim Kok Wing University</i> (2017) Bachelor of Science (Hons) in Information and Communication Technology <i>Lim Kok Wing University</i> (2015)</p>	<ul style="list-style-type: none"> • Artificial Intelligence • Computer Networking • Information and Communication Technology
35	<p>Dr. Nor Asiah binti Mohamad @Razak norasiah.razak@fskik.upsi.edu.my 0162104041 Doctor Of Philosophy - Education (Educational Technology) Universiti Putra Malaysia(2019) Ijazah Sarjana Pentadbiran Perniagaan - Business Administration (Marketing) Universiti Putra Malaysia(2014) Diploma - Industrial Automation (Information Technology) Kolej Universiti Tati(2003)</p>	<ul style="list-style-type: none"> • Educational Technology • Instructional Technology • ICT in Education • E-Learning • Sociologist • Qualitative Advanced Case Study • Digital Marketing • Technopreneurship • Information Technology • Software Engineering • Knowledge Management System

		<ul style="list-style-type: none"> Human Computer Interaction
36	<p>Dr. Noor Hidayah binti Che Lah hidayah.cl@fskik.upsi.edu.my 05-4506000</p> <p>Doctor of Philosophy (Educational Technology) - Teknologi Pendidikan (Online Social Presence, Online Social Learning Environment, Online Collaborative Learning) Universiti Teknologi Malaysia (Skudai)(2020)</p> <p>Ijazah Sarjana Teknologi Pendidikan - Pendidikan (Teknologi Pendidikan) Universiti Teknologi Malaysia (Skudai)(2012)</p> <p>Ijazah Sarjana Muda Teknologi Maklumat dengan Kepujian - Teknologi Maklumat dengan Kepujian (E-Dagang) Universiti Malaysia Sabah(2009)</p>	<ul style="list-style-type: none"> Educational Technology Social media & learning online teaching and learning assessment and evaluation Rasch Model Analysis Confirmatory Factor Analysis Structural Equation Modelling (SEM) Regression Analysis using AMOS graphic Data Mining analysis Nvivo Research Method ICT and education
37	<p>Dr. Nadia Akma binti Ahmad Zaki nadiaakma@fskik.upsi.edu.my 05-4506912</p> <p>PHD</p> <p>Universiti Kebangsaan Malaysia</p> <p>Master of Science -- Computer Science Universiti Teknologi Mara, (UiTM)(2006)</p> <p>Bachelor of Science -- Information Technology (Information Science and Multimedia) Universiti Kebangsaan Malaysia, (UKM)(2003)</p>	<ul style="list-style-type: none"> IT/Multimedia Game Design and Development Human Computer Interaction
38	<p>Ts. Dr. Chee Ken Nee cheekennee@fskik.upsi.edu.my 05-4506000</p> <p><i>PHD Teknologi Pendidikan - Pendidikan (Teknologi Pendidikan) Universiti Teknologi Malaysia, Skudai(2018)</i></p> <p><i>Sarjana Pendidikan Sains Dengan Ict - Pendidikan Sains Dengan Ict (Sains Dengan Ict) Universiti Malaya(2013)</i></p> <p><i>Ijazah Sarjana Muda Sains Dengan Pendidikan - (Pendidikan) Universiti Sains Malaysia(2008)</i></p>	<ul style="list-style-type: none"> Educational Technology Multimedia in Education Information Technology in Education ICT in Education Mobile Learning Augmented and Virtual Reality Robot in Education Computers in Education
39	<p>Ts. Dr. Wong Yoke Seng yswong@fskik.upsi.edu.my 054506000</p> <p>Ph. D in Game Based Learning - Game Based Learning (-) Universiti Pendidikan Sultan Idris(2020)</p> <p>Degree Of Master Of Science - Computer Game Technology (-) Liverpool John Moores University(2005)</p>	<ul style="list-style-type: none"> Game-based Learning Gamification Game Programming Game Design Web Programming Web Services Programming

	<p>Bachelor of Science - Information System Engineering (-) Campbell College, Buie's Creek, N.C(2002)</p> <p>Advanced Diploma In Science - Information System Engineering (-) Kolej Tunku Abdul Rahman(2002)</p>	
40	<p>Dr. Sumayyah binti Dzulkifly sumayyah.dz@fskik.upsi.edu.my 054505402</p> <p>Ijazah Doktor Falsafah Kejuruteraan Telekomunikasi - Kejuruteraan Telekomunikasi (-) King's College London(2018)</p> <p>Ijazah Sarjana Kejuruteraan Komunikasi - Kejuruteraan Komunikasi (-) Universiti Islam Antarabangsa Malaysia(2013)</p> <p>Ijazah Sarjana Muda Kejuruteraan Komunikasi - Kejuruteraan Komunikasi (-) Universiti Islam Antarabangsa Malaysia(2010)</p>	<ul style="list-style-type: none"> • Communication Engineering • Wireless or Mobile Network • Machine Learning • Internet-of-Things • Energy Efficiency / Optimisation
41	<p>Dr. Norshahila binti Ibrahim shahila@fskik.upsi.edu.my 05-4505174</p> <p>Doctor of Philosophy in Information Technology Universiti Teknologi Petronas</p> <p>Master of Science -- Information Technology (Computer Science) <i>Universiti Kebangsaan Malaysia,(UKM)(2011)</i></p> <p>Bachelor of Multimedia <i>Universiti Utara Malaysia,(UUM)(2007)</i></p>	<ul style="list-style-type: none"> • Interactive Design • Information Technology • Multimedia in Education • Multimedia Applications • E-learning • Human-Computer Interaction • Mobile Learning • Digital Games
42	<p>Dr. Noor Hidayah binti Azmi hidayah@fskik.upsi.edu.my 05-4505142</p> <p>Master of Science -- E-Learning Technologies (Multimedia) <i>Multimedia University (MMU)(2011)</i></p> <p>Bachelor of Multimedia <i>Universiti Utara Malaysia,(UUM)(2006)</i></p>	<ul style="list-style-type: none"> • Multimedia E-learning Technologies • Human Computer Interaction (HCI) • Child Computer Interaction • Social Media Studies • Virtual Reality • Digital Games
43	<p>Dr. Erni Marlina binti Saari marlina@fskik.upsi.edu.my 05-4505025</p> <p>Master of Science - Computer Science <i>Universiti Malaya,(UM)(2011)</i></p> <p>Bachelor of Information Technology - Multimedia <i>Universiti Teknologi Mara,(UiTM)(1999)</i></p>	<ul style="list-style-type: none"> • Multimedia Studies • Information Technology • Computational Thinking • Computing in Education • Human Computer Interaction (HCI) • E-learning • Digital Games (Interface & Interaction)

44	<p>Dr Okta Nurika okta@fskik.upsi.edu.my 05-4506000</p> <p>Doctor Of Philosophy In Computer Science and Information Technology (Computer Science and Information Technology) Universiti Teknologi Petronas (2019)</p> <p>Master Degree in Information Technology (Information Technology) Universiti Teknologi Petronas (2013)</p> <p>Bachelor Degree in Bussiness Information System (Business Information System) University of East London(2010)</p>	<ul style="list-style-type: none"> • Information Technology • Computer Science • Business Information System
45	<p>Mrs. Saira Banu binti Omar Khan sairabanu@fskik.upsi.edu.my 05-4505024</p> <p>Master of Science -- Computer Science <i>Universiti Sains Malaysia,(USM)(2001)</i></p> <p>Bachelor of Science -- Computer Science <i>Universiti Putera Malaysia,(UPM)(1995)</i></p>	<ul style="list-style-type: none"> • Information Technology • Multimedia in Education • Computer Science
46	<p>Miss Amily Shafila binti Shariff amily@fskik.upsi.edu.my 05-4505011</p> <p>Master of Science - Information Technology in Education <i>Universiti Teknologi Malaysia,(UTM)(2002)</i></p> <p>Bachelor of Science -- Electrical Engineering Technology with Education <i>Universiti Teknologi Malaysia,(UTM)(2000)</i></p> <p>Diploma of Information Technology (Computer in Education) <i>Universiti Teknologi Malaysia,(UTM)(1997)</i></p>	<ul style="list-style-type: none"> • Multimedia in Education • Mobile Learning • Information Technology in Education
47	<p>Mrs. Haslina binti Hassan haslina@fskik.upsi.edu.my 05-4505021</p> <p>Master of Multimedia Information System (Interactive Multimedia) <i>Heriot-Watt University, UK (2002)</i></p> <p>Bachelor of Information Technology (Multimedia) <i>Universiti Kebangsaan Malaysia,(UKM)(1999)</i></p>	<ul style="list-style-type: none"> • Multimedia Information System • Multimedia (Multimedia Interactive) • Teknologi Maklumat (Sains maklumat) • Teknologi Maklumat (Multimedia) • Game Based Learning • Gamification
48	<p>Mr. Rasyidi bin Johan rasyidi@fskik.upsi.edu.my 05-4505052</p> <p>Master of Science -- Information Technology <i>Universiti Teknologi Mara,(UiTM)(2004)</i></p> <p>Bachelor of Science -- Computer Science with Education <i>Universiti Teknologi Malaysia,(UTM)(1996)</i></p>	<ul style="list-style-type: none"> • System Development • Mobile Apps development • Multimedia in Education • Educational Technology • User Data Modelling

49	<p>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></p>	<ul style="list-style-type: none"> • Multimedia in Education • Multimedia Learning • Human Computer Interaction • Mobile Learning & Special Need • Qualitative Research - Case Study Design
50	<p>Mrs. Harnani binti 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></p>	<ul style="list-style-type: none"> • Information system • Sentiment analysis • Data mining • Opinion mining • Artificial intelligent
51	<p>Mr. Ahmad Nurzid bin Rosli <u>nurzid@fskik.upsi.edu.my</u> 05-4505054 Master of Science -- Information Technology (Network and Mobile Computing) <i>Universiti Utara Malaysia, (UUM)(2005)</i> Bachelor of Science -- Information Technology (Networking) <i>Universiti Utara Malaysia, (UUM)(2002)</i></p>	<ul style="list-style-type: none"> • Mobile Computing • Educational Technology • Game Design and Development
52	<p>Mrs. Hasnatul Nazuha binti Hassan <u>nazuha@fskik.upsi.edu.my</u> 05-4505014 Master of Science - Information Technology (Expert System) <i>Universiti Utara Malaysia, (UUM)(2004)</i> Bachelor of Science -- Information Technology (Artificial Intelligence) <i>Universiti Utara Malaysia, (UUM)(2002)</i></p>	<ul style="list-style-type: none"> • Information Technology • Artificial Intelligence • Diagnostics System
53	<p>Mrs. Asma Hanee binti Ariffin <u>asma@fskik.upsi.edu.my</u> 05-4505527 Master of Science - Information Technology <i>Universiti Utara Malaysia, (UUM)(2004)</i> Bachelor of Science -- Information Technology (Artificial Intelligence) <i>Universiti Utara Malaysia, (UUM)(2002)</i></p>	<ul style="list-style-type: none"> • Information Technology • Application of Artificial Intelligence • Virtual Reality • Project Management • Knowledge Management • Affective Engineering
54	<p>Mrs. Rohaizah binti Abdul Wahid <u>rohaizah@fskik.upsi.edu.my</u> 05-4505032/6218 Master of Science -- Information Technology</p>	<ul style="list-style-type: none"> • Software Engineering • Database Management • Artificial Intelligence • Information Technology

	<p>(Real-Time Software Engineering) <i>Universiti Teknologi Malaysia,(UTM)(2004)</i> Bachelor of Science -- Information Technology (Artificial Intelligence) <i>Universiti Utara Malaysia,(UUM)(2000)</i></p>	
55	<p>Mrs. Asmara binti Alias asmara@fskik.upsi.edu.my 05-4505064</p> <p>Master of Science -- Information Technology <i>Universiti Teknologi Mara,(UiTM)(2004)</i> Bachelor of Science -- Information Technology <i>Universiti Teknologi Mara,(UiTM)(2002)</i></p>	<ul style="list-style-type: none"> • Information Technology • Artificial Intelligence • Software Engineering
56	<p>Mrs. Nur Saadah binti Fathil nurSaadah@fskik.upsi.edu.my 05-4505079</p> <p>Master of Information Technology <i>Universiti Teknologi Mara,(UiTM)(2006)</i> Bachelor of Science -- Information Technology (Multimedia) <i>Universiti Utara Malaysia,(UUM)(2002)</i></p>	<ul style="list-style-type: none"> • Mobile Learning • Multimedia in Education • Human Computer-Interaction • Information Technology
57	<p>Mrs. Marzita binti Hj Mansor marzita@fskik.upsi.edu.my 05-4505447</p> <p>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> Diploma of Science -- Information System <i>Kolej Komuniti Mara (1998)</i></p>	<ul style="list-style-type: none"> • Human Computer Interaction • Information Technology • Multimedia
58	<p>Mr. Salman Firdaus bin Sidek salmanfirdaus@fskik.upsi.edu.my 05-4505009</p> <p>Master of Computer Science (Information Security) <i>Universiti Teknologi Malaysia,(UTM)(2006)</i> Bachelor of Science -- Computer Science (Software Engineering) <i>Universiti Teknologi Malaysia,(UTM)(2002)</i></p>	<ul style="list-style-type: none"> • Software Engineering • Information Security • Game based learning
59	<p>Mr. Fizaril Amzari bin Omar* fizaril@fskik.upsi.edu.my 054506000</p> <p><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)</p>	<ul style="list-style-type: none"> • Graphic Design • Digital Illustration elearning • Information Technology • Electronic Engineering • Game-based learning (gbl) game, for teaching & learning e-learning

60	<p>Mrs. Fadhlinah binti Mohd Razali <u>fadhlinah@fskik.upsi.edu.my</u> 05-4506570</p> <p>Master of Education (Multimedia) <i>Universiti Pendidikan Sultan Idris, (UPSI)(2004)</i></p> <p>Bachelor of Computer Science <i>Universiti Putra Malaysia, (UPM)(1999)</i></p>	<ul style="list-style-type: none"> • Multimedia Applications • Multimedia in Education • E-learning • Human-Computer Interaction • Interactive Design • Game Character Design • Digital Games
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* On study leave (SLAB/SLAI)

** On Post-Doctoral Leave/Sabbatical

DEPARTMENT OF CREATIVE MULTIMEDIA

Lecturer		
Bil	Detail	Field/Specialization
1.	<p>Head Department</p> <p>Dr. Nur Safinas binti Albakry <u>nursafinas@fskik.edu.my</u> 05-4505416</p> <p>Doctor of Philosophy -- Art and Design Universiti Teknologi Mara, (UiTM))(2016)</p> <p>Master of Art (Visual Communication and New Media) <i>Universiti Teknologi Mara, (UiTM)(2007)</i></p> <p>Bachelor of Media Innovation <i>Multimedia University (MMU)(2004)</i></p>	<ul style="list-style-type: none"> • Advertising • New Media • Graphic Design • Branding • Design Management • Visual Communication • Service Design • New Media and Technology
2	<p>Prof. Dr. Ahmad Zamzuri bin Mohamad Ali <u>zamzuri@fskik.upsi.edu.my</u> 05-4505833</p> <p>Doctor of Philosophy (Multimedia) <i>Universiti Sains Malaysia, (USM)(2007)</i></p> <p>Master of Education <i>Universiti Teknologi Malaysia, (UTM)(2000)</i></p> <p>Bachelor of Science -- Electrical Engineering <i>Universiti Teknologi Malaysia, (UTM)(1998)</i></p>	<ul style="list-style-type: none"> • Multimedia • Instructional Technology • Teaching and Learning Programming • ICT in Education
3	<p>Assoc. Prof. Ts. Dr. Balamuralithara a/l Balakrishnan <u>balab@fskik.upsi.edu.my</u> 05-4505078</p> <p>Doctor of Philosophy -- Creative Multimedia <i>MMU (2011)</i></p> <p>Master of Engineering (Telecommunication) <i>MMU (2005)</i></p>	<ul style="list-style-type: none"> • Engineering Education • Educational Technology • Creative Studies • Electrical Telecommunications Engineering • Information Technology Education • Electrical and Electronic Engineering (Wireless Communication and Embedded System)

	<p>Bachelor of Electrical Engineering (Telecommunication) <i>Universiti Teknologi Malaysia (2000)</i></p>	<ul style="list-style-type: none"> • Creative Studies • Multimedia Design • Multimedia Education • Educational Research • STEM Education
4	<p>Assoc. Prof. Ts. Dr. Muhammad Zaffwan bin Idris zaffwan@fskik.upsi.edu.my 05-4505190/5834</p> <p>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></p>	<ul style="list-style-type: none"> • Graphic Design • Advertising • Branding • Creative Studies • Creative Thinking • Digital Photography • Digital Heritage • User Centered Design • Service Design
5	<p>Ts. Dr. Ahmad Nizam bin Othman ahmad.nizam@fskik.upsi.edu.my 05-4505017</p> <p>Doctor of Philosophy – Design and Animation <i>Institut Teknologi Bandung (2014)</i></p> <p>Master of Art and Design (Visual Communication and New Media) <i>Univesiti Teknologi Mara,(UiTM)(2006)</i></p> <p>Bachelor of Education - Art Education <i>Universiti Pendidikan Sultan Idris,(UPSI)(2002)</i></p> <p>Diploma of Architecture <i>Universiti Teknologi Malaysia,(UTM)(1998)</i></p>	<ul style="list-style-type: none"> • 2D & 3D Animation • 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
6	<p>Dr Nur Syuhada binti Mat Sin syuhada@fskik.upsi.edu.my 05-4505073</p> <p>Master of Communication (Screen Study) <i>Universiti Sains Malaysia,(USM)(2007)</i></p> <p>Bachelor of Science -- Creative Multimedia (Film and Animation) <i>MMU (2004)</i></p>	<ul style="list-style-type: none"> • 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
7	<p>Dr. Muhammad Abdul Malik bin Saedon abdulmalik@fskik.upsi.edu.my 054506000</p>	<ul style="list-style-type: none"> • Information Technology • Persuasion • Persuasive advertising

	<p>Ijazah Kedoktoran (Multimedia) - Multimedia (Rekaan grafik, rekaan multimedia, periklanan kreatif) Universiti Utara Malaysia(2019)</p> <p>Ijazah Sarjana Sains (Teknologi Maklumat) - Teknologi Maklumat (Realiti maya (VR), pemodelan 3D, rekaan grafik) Universiti Utara Malaysia(2011)</p>	<ul style="list-style-type: none"> • Digital games • Multimedia design • Social media • Virtual reality <p>Graphic design and Video production</p>
8	<p>Dr. Afeez Nawfal bin Mohd Isa afeez@fskik.upsi.edu.my 054506000</p> <p>Komunikasi - Filem (Media Communication, Film Broadcasting, Political Science, Sociology) Universiti Utara Malaysia(2018)</p> <p>Pengajian Skrin - Komunikasi Media (Filem Dan Penyiaran) Universiti Sains Malaysia(2006)</p> <p>Ijazah Sarjana Muda Komunikasi Dengan Keahlian - Komunikasi (Filem Dan Penyiaran) Universiti Sains Malaysia(2004)</p>	<ul style="list-style-type: none"> • 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.
9	<p>Dr. Suraya binti Md Nasir suraya.mn@fskik.upsi.edu.my 05-4506000</p> <p>Doctor of Arts (Manga) - manga (comic) (cultural studies) Kyoto Seika University(2019)</p> <p>Master of Art and Design (Art History and Cultural Management) - Art and Design (Art History and Cultural Management) Universiti Teknologi MARA(2012)</p> <p>Bachelor of Human Sciences (Sociology and Anthropology) (Honours) - Sains kemanusiaan (sosiologi dan antropologi) Universiti Islam Antarabangsa Malaysia(2009)</p>	<ul style="list-style-type: none"> • 2D Animation • Comic / animation Studies • Character Design • Art history • Popular Culture Studies • Digital Art and Illustration • Comic • Visual Narrative & Storytelling • Culture & Heritage
10	<p>Dr. Catherina Anak Ugap catherina@fskik.upsi.edu.my 054505970</p> <p>Doctor of Philosophy (Artistic and Creative Technology) - Media, Filem dan Animasi (Pengajian Skrin) <i>Universiti Teknologi MARA, Cawangan Shah Alam</i>(2020)</p> <p>Master of Communication (Screen Studies) - Screen (Screen) <i>Universiti Sains Malaysia</i> (2012)</p>	<ul style="list-style-type: none"> • Communication / Media Studies • Television • Animation <p>Film</p>
11	<p>Dr. Mohd Ekram Al Hafis bin Hashim ekram@fskik.upsi.edu.my 05-4506000 Phd in New Media <i>Universiti Pendidikan Sultan Idris, (UPSI)</i>(2022)</p>	<ul style="list-style-type: none"> • Film and Animation • Animation Technology • New Media & Technology Studies

	<p>Master of Education (Multimedia Education) <i>Universiti Pendidikan Sultan Idris, (UPSI)(2014)</i></p> <p>Bachelor of Art and design (Fine Art) <i>Universiti Teknologi Mara, (UiTM)(2014)</i></p> <p>Diploma (Applied Art Technology) <i>Institut Technology Tun Hussein Onn, (ITTHO)(2007)</i></p>	<ul style="list-style-type: none"> • Character Design • Creative Studies • Digital Art and Illustration • Creative Thinking • Digital Comic • Extended Reality •
12	<p>Dr. Mohd Fauzi Harun fauziharun@fskik.upsi.edu.my 05-4506000</p> <p>PhD in Advertising (Advertising) Universiti Pendidikan Sultan Idris (2021)</p> <p>Master of Art and Design (Seni Reka Grafik) Universiti Teknologi MARA(2014)</p>	<ul style="list-style-type: none"> • Advertising • Visual Communication, • Graphic Design.
13	<p>Mr. Nur Azlan bin Hj. Zainuddin nur.azlan@fskik.upsi.edu.my 05-4506735</p> <p>Master of Mass Communication <i>Universiti Teknologi Mara, (UiTM)(2003)</i></p> <p>Bachelor of Science -- Mass Communication <i>Universiti Teknologi Mara, (UiTM)(1998)</i></p>	<ul style="list-style-type: none"> • Mass Communication • Photography and Video
14	<p>Dr. Ramlan bin Jantan ramlan@fskik.upsi.edu.my 05-4506789</p> <p>Master of Design (Multimedia Design) <i>Swinburne University of Technology, Australia (2010)</i></p> <p>Bachelor Multimedia <i>University of Wales, Newport, UK (1998)</i></p> <p>Diploma of Art Design <i>Universiti Teknologi Mara, (UiTM)(1995)</i></p>	<ul style="list-style-type: none"> • Multimedia • Graphic Design • New Media Design • Service Design • Service Marketing/Service Management • Co-creation Value • Co-production/ Co-Design • Co-creative value • new model design business
15	<p>Mr. Mohd Farizal bin Puadi mohdfarizal@fskik.upsi.edu 05-4506000</p> <p>Master of Art – Fine Art <i>Universiti Sains Malaysia (2015)</i></p> <p>Bachelor of Art – Fine Art <i>Universiti Teknologi MARA (2004)</i></p>	<ul style="list-style-type: none"> • Fine Art • Drawing • Art & Design Fundamental

16	<p>Mr. Izzal Khairi bin Ramli izzal@pskik.upsi.edu.my 05-4505416</p> <p>Sarjana Sastera (Seni Visual Dan Reka Bentuk) - Seni Halus (Seni Catan) Universiti Sains Malaysia(2015)</p> <p>Ijazah Sarjana Muda - Seni Halus (-) Universiti Teknologi Mara, Cawangan Shah Alam(2005)</p> <p>Diploma Seni Halus - Seni Lukis Dan Seni Reka (Seni Halus) Universiti Teknologi Mara Cawangan Perak(2003)</p>	<ul style="list-style-type: none"> • Drawing • Fine Art • Visual Art Foundation • Element & Principle • Painting • Illustration • Graphic Design • Visual Communication • Branding • Creative Studies • New Media and Technology • Illustration
17	<p>Mr. Khairol Ezedi bin Abdul Rahman khairolezedi@fskik.upsi.edu.my 05-4506000</p> <p>Ijazah Sarjana Penerbitan - Penerbitan (-) Universiti Malaya(2012)</p> <p>Sarjana Muda Teknologi Percetakan - Percetakan (Grafik) Universiti Teknologi MARA, Cawangan Shah Alam(2002)</p>	<ul style="list-style-type: none"> • Graphic Design • Advertising • Branding • Creative Studies • Digital Photography • Graphic Design • Service Design • Visual Communication
18	<p>Mr. Ronaldi Saleh bin Umar rsaleh@fskik.upsi.edu.my 05-4506000</p> <p><i>Sarjana Seni Lukis dan Seni Reka (Penyelidikan) - (-) Universiti Teknologi MARA(2005)</i></p> <p><i>Sarjana Muda Seni Lukis dan Seni Reka dengan Kepujian (Grafik) - (Grafik) Universiti Teknologi MARA(2001)</i></p> <p><i>Bachelor of Design (Grapics) - (Grapics) Universiti Teknologi MARA(2000)</i></p>	<ul style="list-style-type: none"> • Graphic Design • Visual Communication • Instructional Design • Creative Studies • Creative Thinking

* On Study Leave (SLAB/SLAI)

** On Post-Doctoral Leave/Sabbatical



UNIVERSITI
PENDIDIKAN
SULTAN IDRIS
اُنِیْوِرسِیْ اَلْپَنْدِیْدِیْنِ سُلْطَانِ اِدرِیْسَ

UPSI
No.1
IN EDUCATION

**TAKWIM AKADEMIK PENGAJIAN SISWAZAH
SEMESTER 1 SESI 2022/2023 (OKTOBER 2022)**

**GRADUATE STUDIES ACADEMIC CALENDAR
SEMESTER 1 2022/2023 SESSION (OCTOBER 2022)**

TARIKH / DATE	MINGGU / WEEK	CATATAN / NOTES
26/09/2022		Pendaftaran Semester & Kursus Secara Dalam Talian (Pelajar Lama) / Online Semester & Course Registration (Returning Students)
03/10/2022 – 16/10/2022		Hari Pendaftaran & Orientasi Pelajar Baharu / New Students Registration & Orientation Day
17/10/2022 – 23/10/2022	Minggu/ Week 01	Sesi Pengkuliahan / Lectures
24/10/2022 – 30/10/2022	Minggu/ Week 02	Minggu Tambah & Gugur Kursus / Add & Drop Courses Week
31/10/2022 – 06/11/2022	Minggu/ Week 03	Sesi Pengkuliahan / Lecture Session Minggu Gugur Kursus / Drop Course Week
07/11/2022 – 13/11/2022	Minggu/ Week 04	
14/11/2022 – 20/11/2022	Minggu/ Week 05	
21/11/2022 – 27/11/2022	Minggu/ Week 06	
28/11/2022 – 04/12/2022	Minggu/ Week 07	24/10/2022 - Deepavali / Diwali 04/11/2022 – Hari Keputeraan DYMM Paduka Seri Sultan Perak Darul Ridzuan / Sultan of Perak's Birthday
05/12/2022 – 11/12/2022	Minggu/ Week 08	Pemantauan Minggu ke-8 / Week 8 Monitoring
12/12/2022 – 18/12/2022	Minggu/ Week 09	Sesi Pengkuliahan / Lecture Session
19/12/2022 – 25/12/2022	Minggu/ Week 10	25/12/2022 – Hari Krismas / Christmas Day 01/01/2023 – Tahun Baharu / New Year's Day
26/12/2022 – 01/01/2023	Minggu/ Week 11	
02/01/2023 – 08/01/2023	Minggu/ Week 12	Minggu Penilaian Pengajaran & Pembelajaran (PdP) / Teaching & Learning Evaluation Week
09/01/2023 – 15/01/2023	Minggu/ Week 13	
16/01/2023 – 22/01/2023	Minggu/ Week 14	
23/01/2023 – 05/02/2023	Minggu/ Week 15	Peperiksaan / Examination
	Minggu/ Week 16	

*Tertakluk kepada pindaan / subject to change

* Tertakluk kepada pindaan/ subject to change

* Tertakluk kepada pindaan/ subject to change

TARIKH-TARIKH PENTING
IMPORTANT DATES

BIL. / NO.	PERKARA / ITEM	TARIKH / DATE
01.	<p>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).</p> <p>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).</p>	04/12/2022 (minggu ke-7/ week 7)
02.	<p>Tarikh Akhir Penghantaran Softcopy Kertas Projek untuk Semakan Turnitin (Pelajar perlu menghantar gabungan/ kompilasi bab 1 hingga bab akhir ke e-mel turnitin@upsi.edu.my dan keputusan Turnitin akan diemelkan kepada pelajar dalam tempoh 3 hari bekerja.)</p> <p>Last Date for Submission of Project Paper Softcopy for Turnitin (Students need to submit the combination/ compilation of chapter 1 to the final chapter to email turnitin@upsi.edu.my and the results of Turnitin will be emailed to students within three (3) working days.)</p>	23/12/2022 (minggu ke-10/ week 10)
03.	<p>Tarikh Akhir Serahan Kertas Projek Last Date for Submission Project Paper</p>	08/01/2023 (minggu ke-12/ week 12)
04.	<p>Tarikh Akhir Serahan Laporan Kemajuan Pengajian Siswazah (LKPS) Last Date for Submission Graduate Studies Progress Report</p>	08/01/2023 (minggu ke-12/ week 12)
05.	<p>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.</p> <p>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.</p>	06/02/2023

GRADUATE PROGRAMS OFFERED

PROGRAM	MODE	FIELD OF STUDY
Masters	Mixed/ Coursework	Master of Education <ul style="list-style-type: none"> • Multimedia Education • Information Technology Education • Internet Computing Education
		Master in Design <ul style="list-style-type: none"> • Games Based Learning
	Research	Master of Education <ul style="list-style-type: none"> • Multimedia Education • Information Technology Education • Internet Computing Education • Art Education
		Master of Art <ul style="list-style-type: none"> • Fine Arts Study • Art History Study • Visual Communication Study • Design Study • Craft Study • Cultural Study • Fine Art Studio **
		Master of Science <ul style="list-style-type: none"> • Computerized Graphics and Animation • Information and Management Systems • Software Engineering • Artificial Intelligence • Internet & Web Computing • Human Computer Interaction • Instructional Technology
		Master of Design <ul style="list-style-type: none"> • Multimedia Applications • Creative Branding • Advertising • Instructional Media

		<ul style="list-style-type: none"> • Digital Games • Game-Based Learning • New Media • Creative Study
PROGRAM	MODE	FIELD OF STUDY
PHD		<ul style="list-style-type: none"> • 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
TOTAL		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
TOTAL		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 Examination, and Two (2) additional courses	1 (X 6 Credits)	6
TOTAL		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, and Two (2) additional courses	1 (X 8 Credits)	8
TOTAL		44

INTAKE SEMESTER 2 SESSION 2021/2022 AND ABOVE (MT30, MT36 & MT37)**MODE C (By Coursework)**

COURSE	NO. OF COURSES	CREDIT
Research Method Courses	3 (X 4 Credits)	12
Educational Courses	2 (X 4 Credits)	8
Specialization Courses	3 (X 4 Credits)	12
Elective Courses	1 (X 4 Credits)	4
Project Paper	1 (X 8 Credits)	8
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 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

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
Mandatory	GRU60104	Research Methods for Education	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 (1 only)	MTP6034	Analysis of Technological Pedagogical Content Knowledge	4
	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.

c) Specialization Courses

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
1	Research Methodology	GRU60104 Research Methods for Education	4
	Education	MTP6014 Instructional Design Theories	4
	Specialization	MMG6024 Graphics Design and Animation	4
	TOTAL		12
2	Research Methodology	GRU6024 Multivariate Analysis of Variance (MANOVA)	4
	Education	MTP6044 Technology and Innovation in ICT Education	4
	Specialization	MMP6034 Multimedia Interaction Courseware Design	4
	TOTAL		12
3	Dissertation	MMR 6018 Dissertation	18
	OVERALL TOTAL		42

Mode C (Master by Coursework)

a) Research Method Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	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 Hour
Mandatory	MTP6014	Instructional Design Theory	4
	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.

d) Elective Courses

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
MIN6014	Computer Network Administration	4
MIN6024	Network Security	4
TOTAL		4

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..

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

Semester	Course	Course Name	Credit
1	Research Methodology	GRU60104 Research Methods for Education	4
	Education	MTP6014 Instructional Design Theories	4
	Field	MMG6014 Human-Computer Interaction Studies	4
		MMG6024 Graphics Design and Animation	4

	TOTAL		16
2	Research Methodology	GRU6024 Multivariate Analysis of Variance (MANOVA)	4
	Education	MTP6034 Analysis of Technological Pedagogical Content Knowledge	4
		MTP6044 Technology and Innovation in ICT Education	4
	Field	MMP6034 Multimedia Interaction Courseware Design	4
	TOTAL		16
3	Elective	Any ONE (1) of the electives courses	4
	Project	MMR6006 Project Paper (Multimedia)	6
	TOTAL		10
	OVERALL TOTAL		42

INTAKE SEMESTER 2 SESSION 2018/2019 UNTIL SEMESTER 1 SESSION 2021/2022
Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	4
	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
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
1	Research Methodology	GRU60104 Research Methods for Education	4
	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 Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	4
	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
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
1	Research Methodology	GRU60104 Research Methods for Education	4
	Education	MTP60104 Instructional Design Theory	4
	Specialization	MMG60104 Human Computer Interaction Studies	4
		MMG60204 Graphics Design and Animation	4
	TOTAL		16
2	Research Methodology	MRU60204 Multivariate Analysis	4
	Research Methodology	MRU60304 Academic Writing	4
	Specialization	MMG60304 Virtual Environment	4
		MMV60104 Audio & Video Production	4

	TOTAL		16
3	Elective	Any ONE (1) of the electives courses	4
	Project	MMR59908 Project Paper (Multimedia)	8
	TOTAL		12
	OVERALL TOTAL		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.

INTAKE SEMESTER 2 SESSION 2021/2022 AND ABOVE

Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	4
	MRU60204	Multivariate Analysis	4
	MRU60404	Qualitative Research	4
TOTAL			12

Note: Pre-requisite for MRU60204 and MRU60404: **MUST** pass GRU60104

b) Educational Courses

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

c) Specialization Courses

Code	Course Name	Credit Hour
MMG60504	Educational Game Software Development	4
MMG60604	Virtual Reality and Augmented Virtual Reality	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 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.

Mode C (Master by Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	4
	MRU60204	Multivariate Analysis	4
	MRU60404	Qualitative Research	4
TOTAL			12

Note: Pre-requisite for MRU60204 and MRU60404: **MUST** pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	MTP60104	Instructional Design Theory	4
	MTP60404	Technology and Innovation in ICT Education	4
TOTAL			8

c) Specialization Courses

Code	Course Name	Credit Hour
MMG60204	Graphics Design and Animation	4
MMG60504	Educational Game Software Development	4
MMG60604	Virtual Reality and Augmented Virtual Reality	4
TOTAL		12

d) Elective Courses

Code	Course Name	Credit Hour
***	Elective	4
TOTAL		4

Students can choose 1 course from any master's level program offered at UPSI

e) Project Paper

Code	Course Name	Credit Hour
MMR59908	Project Paper	8
TOTAL		8

CURRICULUM STRUCTURE

MASTER OF EDUCATION (INFORMATION TECHNOLOGY) – MT36

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	Research Methods for Education	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 (1 only)	MTP6034	Analysis of Technological Pedagogical Content Knowledge	4
	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
1	Research	GRU60104 Research Methods for Education	4
	Education	MTP6014 Instructional Design Theories	4
	Specialization	MTS6014 Advanced Programming	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	MTR6018 Dissertation	18
	OVERALL TOTAL		42

Mode C (Master of Education by Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	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 Hour
Mandatory	MTP6014	Instructional Design Theories	4
	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.

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

Semester	Code	Course Name	Credit Hour
1	Research	GRU60104 Research Methods for Education	4
	Education	MTP6014 Instructional Design Theories	4
	Specialization	MTS6014 Advanced Programming	4
		MIN6024 Network Security	4
	TOTAL		16
2	Research	GRU6024 Multivariate Analysis of Variance (MANOVA)	4
	Education	MTP6034 Analysis of Technological Pedagogical Content Knowledge	4
		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

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
Mandatory	GRU60104	Research Methods for Education	4
	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
1	Research Methodology	GRU60104 Research Methods for Education	4
	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	MTR59920 Dissertation	20
	OVERALL TOTAL		40

Mode C (Master by Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hours
Mandatory	GRU60104	Research Methods for Education	4
	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.

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

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

INTAKE SEMESTER 2 SESSION 2021/2022 AND ABOVE

Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hours
Mandatory	GRU60104	Research Methods for Education	4
	MRU60204	Multivariate Analysis	4
	MRU60404	Qualitative Research	4
TOTAL			12

Note: Pre-requisite for MRU60204 and MRU60404: **MUST** pass GRU60104

b) Educational Courses

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

c) Specialization Courses

Code	Course Name	Credit Hours
MTD60204	Information System Development	4
MTD60504	Data Science in Education	4
MMG60404	Human Centered Computing	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.

Mode C (Master by Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hours
Mandatory	GRU60104	Research Methods for Education	4
	MRU60204	Multivariate Analysis	4
	MRU60404	Qualitative Research	4
TOTAL			12

Note: Pre-requisite for MRU60204 and MRU60404: **MUST** pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hours
Mandatory	MTP60104	Instructional Design Theory	4
	MTP60404	Technology and Innovation in ICT Education	4
TOTAL			8

c) Specialization Courses

Code	Course Name	Credit Hours
MTD60204	Information System Development	4
MTD60504	Data Science in Education	4
MMG60404	Human Centered Computing	4
TOTAL		12

d) Elective Courses

Code	Course Name	Credit Hour
***	Elective	4
TOTAL		4

Students can choose 1 course from any master's level program offered at UPSI

e) Project Paper

Code	Course Name	Credit Hours
MTR59908	Project Paper	8
TOTAL		8

CURRICULUM STRUCTURE

MASTER OF EDUCATION (INTERNET COMPUTING) – MT37

INTAKE SEMESTER 2 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 (1 only)	MTP6034	Analysis of Technological Pedagogical Content Knowledge	4
	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 Requirement	Code	Course Name	Credit Hour
Mandatory	MTP6014	Instructional Design Theories	4
	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.

Master of Education (Internet Computing) - Mode C (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
		MIN6014 Computer Network Administration	4
	TOTAL		16
2	Research	GRU6024 Multivariate Analysis of Variance (MANOVA)	4
	Education	MTP6034 Analysis of Technological Pedagogical Content Knowledge	4
		MTP6044 Technology and Innovation in ICT Education	4
	Specialization	MMG6014 Human-Computer Interaction Studies	4
	TOTAL		16
3	Elective	Any ONE (1) of the elective courses	4
	Project	MIR6006 Project Paper (Internet Computing)	6
	TOTAL		10
	OVERALL TOTAL		42

INTAKE SEMESTER 1 SESSION 2019/2020 UNTIL SEMESTER 1 SESSION 2021/2022

Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	4
	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 Theory	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 assign

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
1	Research Methodology	GRU60104 Research Methods for Education	4
	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 Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	4
	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.

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

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

INTAKE SEMESTER 2 SESSION 2021/2022 AND ABOVE

Mode B (Master by Research and Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	4
	MRU60204	Multivariate Analysis	4
	MRU60404	Qualitative Research	4
TOTAL			12

Note: Pre-requisite for MRU60204 and MRU60404: **MUST** pass GRU60104

b) Educational Courses

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

c) Specialization Courses

Code	Course Name	Credit Hour
MIN60304	Cyber Security	4
MTD60504	Data Science in Education	4
MMS60104	Development of Web Application	4
TOTAL		4

Choose 1 from the table above

d) 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.

Mode C (Master by Coursework)

a) Research Methodology Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	GRU60104	Research Methods for Education	4
	MRU60204	Multivariate Analysis	4
	MRU60404	Qualitative Research	4
TOTAL			12

Note: Pre-requisite for MRU60204 and MRU60404: **MUST** pass GRU60104

b) Educational Courses

Course Requirement	Code	Course Name	Credit Hour
Mandatory	MTP60104	Instructional Design Theories	4
	MTP60404	Technology and Innovation in ICT Education	4
TOTAL			8

c) Specialization Courses

Code	Course Name	Credit Hour
MIN60304	Cyber Security	4
MMS60104	Development of Web Application	4
MTD60504	Data Science in Education	4
TOTAL		12

d) Elective course

Code	Course Name	Credit Hour
***	Elective	4
TOTAL		4

Students can choose 1 course from any master's level program offered at UPSI

e) Project paper

Code	Course Name	Credit Hour
MIR59908	Project paper	8
TOTAL		8

Students must register Project paper, which is equivalent to **8** credit hours.

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 Methodology in Education	4
	MRU60504	Art and Art Education Research Methodology	4
TOTAL			4

**Choose one of the above subject*

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
Audit	MRU60604	Research Methodology in Design for Creative Multimedia	4
TOTAL			4

COMPUTING DEPARTMENT

For Example: DOCTOR OF PHILOSOPHY (ARTIFICIAL INTELLIGENCE)

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 Methodology in Education	4
TOTAL			4

COURSE SYNOPSIS

GRU60104 Research Methodology 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 learning 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 resources, 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 discusses 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

MRU60404 Qualitative Study

This course discusses philosophy, epistemology, anthology and qualitative research concepts as well as their application in educational studies. The design of the study from various expert perspectives such as ethnography, phenomenology, case study, grounded theory, narrative, and action research will be discussed. Various sampling techniques and protocols that are suitable for effective data collection as well as in compliance with the reliability and validity of the data will be performed. The focus is on the data collection process and fieldwork techniques. At the end of this course, students are expected will be able to conduct a fieldwork according the correct process and report the finding with appropriate techniques.

MRU60604 Research Methodology in Design for Creative Multimedia

This course is an introduction to research methodologies commonly used in the area of design for creative multimedia. Covering a comprehensive range of issues and challenges in design context. Students are to be exposed to rigorous and innovative design approaches that can be applied in research process.

MRU60504 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.

MMG60404 Human-Centered Computing

This course emphasizes on the design, development, deployment and evaluation of interactive information systems that are both usable and accessible. It is a mixed-initiative human-computer systems which highlights on systems and practices of technology use. The course focuses on designing computational artifacts that better support human endeavors and daily life including user's satisfaction. The course comprises of three main areas namely human computer interaction, social computing and cognition, and learning and creativity. The course is important to the students to apply and to measure usability testing (UT), user acceptance testing (UAT), and user experience design (UXD).

MMG60504 Educational Games Software Design

This course emphasise on the fundamental concept and principle in an educational games design. This course also enhance student understanding and skills on the aspect of learning theory, instructional design, educational games design theory, educational games development methodology and evaluation of educational games

MMG60604 Augmented and Virtual Reality

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

MTD60504 Data Science for Education

This course emphasizes on the integrated skill set spanning mathematics, statistics, machine learning, databases and other branches of computer science along with a good understanding of the craft of problem formulation into effective solutions. The course focuses on concepts, techniques and tools require to deal with various facets of data science practice, including data collection and integration, exploratory data analysis, predictive modelling, descriptive modelling, data product creation, evaluation, and effective communication. The course is important to students to understand on breadth towards the integration and synthesis of concepts and their application to solving problems. To make the learning contextual, real datasets from a variety of disciplines will be used.

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

Note: Programs offered by the Department of Art

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) After fourth semester (part-time)	Second time	Unsatisfactory (TM)
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 (IT) Building	14
2	Integrated Knowledge Laboratory	8
3	Rahman Talib Building (MoCAP)	1
4	Art Studio : A	1
5	Art Studio : 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 Lab (General)	12
2	Multimedia Lab	4
3	Animation Lab	1
4	Micro-Teaching Lab	1
5	Engineering Technology Lab	1
6	Postgraduates Computer Lab	2
7	Macintosh Lab	1
8	Robotic Lab	1
9	Electronic Lab	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 ATTIRE

Students must at all time comply with the student attire 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.



UNIVERSITI
PENDIDIKAN
SULTAN IDRIS

اوپيوزسيٲ فنڊيديقن سلطان اڊريس

SULTAN IDRIS EDUCATION UNIVERSITY



Fakulti Seni, Komputeran dan Industri Kreatif
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