



UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Curriculum Vitae

**I. Maklumat Peribadi:
Personal Particulars**

Nama: DR. ZULISMAN BIN MAKSOM
Name: _____

No. Kad Pengenalan: 720324-01-6187 **Fakulti/Pusat:** FTMK
IC No.: _____ **Faculty/Centre** _____

Jawatan : SENIOR LECTURER **Tetap / Sementara/Kontrak** PERMANENT
Current Position: _____ **(Permenant/temporary)** _____

Gred Kumpulan: DS52 **Tarikh Pengemaskinian CV :** 11 DECEMBER 2017
Gred position _____ **Date of CV updated:** _____

II. A. ACADEMIC QUALIFICATIONS

Year	Degree	Discipline	University
1994	BA (Hons) Computer Graphics	Graphics Design and Technology	Universal College of Learning (UCOL) formerly known as Wanganui Polytechnic, New Zealand
2001	Master in Design and Manufacture	Multimedia Design and Manufacturing	De Montfort University, Leicester, U.K
2012	Doctor of Design	Graphic and Communication Design Technology	Swinburne University of Technology, Melbourne, Australia

B. POSTGRADUATE THESIS TOPICS

MA: *3D modeling and animation using Rotoscoping technique to simulate the volume of 3D anatomy(The hand)*
DDes : Developing Malaysian community based flood warning initiatives through Activity Centered Design.

III. MAIN AREAS OF RESEARCH INTEREST

- 1) Human-computer Interaction
- 2) Communication Design
- 3) Graphic Design Technology
- 4) Pedagogical Technologist
- 5) Instructional Design

IV. COMPLETED/ON-GOING RESEARCH PROJECT

- 2017 Designing Elderly Smartphone Interface Using Activity Theory Framework
Azir Reza, Zulisman Maksom, Ahmad Naim Che Pee
- 2016 A Framework On Collaborative Learning Activities To Actively Engage Students in Learning Management System
Mastura Mohd Azlim, Zulisman Maksom
- 2015 Designing Collaborative Learning Wizard to Assist Instructors in utilizing LMS
Mastura Mohd Azlim, Zulisman Maksom, Burairah Hussin
- 2015 Tackling Design Issue on Elderly Smartphone Interface Design Using Activity Centered Design Approach
Zulisman Maksom, Azir Reza, Ahmad Naim Che Pee
- 2015 An Interctive 3D Accupressure Model For Self-Treatement in Reducing Pain
Azman Abu, Mohd Adili Norasikin, Zulisman Maksom

- 2014 Factor Influencing the use of smart phone by Malaysian elderly
Ahmad Naim Che Pee, Zulisman Maksom, Azir Norizan
- 2014 Utilization of Learning Management System in Higher Education Institution in Enhancing Teaching and Learning Process
Mastura Mohd Azlim, Burairah Hussin, Zulisman Maksom, Khanipah Hussin
- 2014 Design and Development of Interactive MOOC Learning Objects for Flipped Learning Implementation,
Zulisman Maksom, Mohd. Hafiz Zakaria, Dr. Kalthom Hussain, Emaliana Kasmuri, Muhammad Helmy Emran
- 2012 AR + 3D: An Unconventional Method in Teaching Language Skills for Dyslexic Children
Aimy Zalikha Abd Khalid, Syariffanor Hisham, Zulisman Maksom, Mohd Hafiz Zakaria
- 2013 A Visual Model on Pressure Points for Reflexology Therapy, Adili Norasiken, Zulisman Maksom, Azman Abu, Emaliana Kasmuri.
- 2006 Exploration of the Solar System Using Multimedia Technology, A Devaraju, SD Muniandy, Z Maksom
- 2004 Virtual Walkthrough of FTMK Permanent Campus, Rusnida Romli, Shahrul Badariah Mat Sah, Zulisman Maksom, PJP, Funded by KUTKM

V. LIST OF AWARDS (RESEARCH AND SERVICE)

- UTEMEX 2017 Innovation Carnival – Silver Medal)
- PECIPTA 2015 (The International Conference and Exposition on Inventions – Bronze medal)

- Excellent Service Award 2004
- Excellent Service Award 2006
- Excellent Service Award 2012
- Excellent Service Award 2014

VI. QUANTITY AND REGISTRATION NUMBER OF INTELLECTUAL PROPERTY

- Trademarks T-IFMS. Trademarks Registration Number: 2014008106
- Trademarks IFMS. Trademarks Registration Number: 2014008105
- Trademarks PSTP – In Submission
- Trademarks FTMK – In submission
- Trademarks SPFS – In Submission
- Copyrights SPFS – In Submission

VII. NUMBER OF CITATIONS

Number of citation and name of journals

Number of Citation:

- **Factor of Influencing The Use of Smartphone by Malaysian Elderly – 6**
- Utilization of Learning Management System in Higher Education Institution in Enhancing Teaching and Learning Process – 1
- Tackling Design Issue on Elderly Smartphone Interface Design Using Activity Centered Design Approach - 1

VIII. NUMBER OF PUBLICATION IN HIGH INDEX JOURNALS

- Tackling Design Issue on Elderly Smartphone Interface Design Using Activity Centered Design Approach, Journal of Engineering and Applied Science (ARPN) 2014.
- A Framework On Collaborative Learning Activities To Actively Engage Students in Learning Management System Designing Elderly Smartphone Interface Using Activity Theory Framework

Number of Citation:

IX. PUBLICATIONS

BOOKS

- iBooks: Digital Media Design Basics
- iBooks: Project Management for Media Interactive Students
- iBooks: Human Computer Interaction Basic
- iBooks: Digital Audio Video Technology

JOURNAL

- A.Z Norizan, N Che Pee, Z Maksom, Behaviour of Inexperienced Elderly toward Smartphone Technology.

Australian Journal of Basic and Applied Science (AJBAS) 2013.

- A.Z Norizan, Z Maksom, N Che Pee, Factor Influencing The Use of Smart Phone by Malaysian Elderly. Journal of Theoretical and Applied Information Technology (JATIT) 2013.
- Abd. Khalid, A.Z, Hisham S., Maksom Z., Zakaria M.H, 3D + AR: An unconventional method in teaching Language Skills for Dyslexic Children. Journal of Active Learning and Teaching (JALT UteM) 2012.

Bulletin:

- iPad in A Classroom. MEIPTA Bulletin
- iBooks using iBooks Author MEIPTA Bulletin
- Learn Without Boundries MEIPTA Bulletin

MOOC Content:

- Digital Media Design Video Lecture Series

X. POSTGRADUATE SUPERVISION

ALI ABDULKAREM ABDUL MAJID AL MAAMARI “Smart Wayfinding: User Experience for Dubai International Airport Through Activity Centered Design” Masters Candidate 2017

HANIF AI FATTA “Development of Usability Evaluation Model For Mobile-Based Educational Games” PhD Candidate 2017

AZIR REZHA NORIZAN “Usability evaluation of mobile phone interface”. PhD student – Co- Supervisor 2013 - **Completed**

A. HALIM SALEHAN “ Smart System for Sport Activity for Special Students” – Main Supervisor 2013

MASTURA LAZIM “Pedagogy Elements for LMS Systems” – Co Supervisor 2012 - **Completed**

XI. CONSULTATIONS

- One to One iPad for 10 SBP Schools
- KYS Business School Web portal (KYS)
- KYS Business School Apple Product Training and Content Creation
- IFTMS Development (integrated Forestry Management System) Jabatan Perhutanan Negeri Terengganu
- Graduate Leadership Assessment Development (GLAD by Deloitte)

XII. EXTERNAL SERVICES

- Academic Advisor for University Selangor
- Think Tank for IYRES (Institute of Youth Research)

XIII. COMMUNITY SERVICES

- Aidil Fitri Celebration with Orphans 2015
- eMosque Melaka 2004
- Basic IT training for AKMAL (Akademi Kastam Malaysia) 2011
- Lets go to the Uni Eucation Carnival by MARA Kota Kinabalu 2012
- Lets go to the Uni Carnival at Sekolah Teknik Pendang 2012

XIV. Supervisor for postgraduate, graduate and diploma students (Please list their names, project title and status)

Bachelor final year project:

- Mohd Azir Reza Norizan “ Framework Development for Smartphone for Elderly using Activity Centered Design in Malaysia
- Mastura Mohd Alzim “Pedagogical elements for LMS effectiveness using Activity Centered Design Theory Approach”
- Mohd Fuad “Fraternity Campaign using AR Technology”
- Wan Ashraf Taqqid Wan MAhmoed “Interactive Books development for student engagement”
- Muhammad Shukri Khalit “ Developing Interactive content using HTML5 for MOOC platform”
- Maryam Jamilah Abdullah “ Developing Mobile learning content for Human Reproductive System for Form 3 Subject”
- Mohd Lutfie Mohd Hafipi, *AR: Lecturer’s Appointment System*
- Mohd Baihakim Zakaria, *Localising The Content for Autistic Children in teaching How to use toilet*
- Wan Nishrin Wan Roshdi, *My Dream Playhouse (VR)*

- Wan Hanisah Wan Mohd Zainal, *VR Environment Nurse Training – How to use EGC machine on patient*
- Hazraty Husnin, *Injection Molding – Simulation of Injection molding in 2D and 3D approach*
- Noorizaimi Ibrahim, *Kids EduGame*
- *Aimy Zalika Abd Khalid – AR + 3D: An Unconventional Method in Teaching Language Skills for Dyslexic Children*

XV. Postgraduate Internal Examination Panel

Philosophical Doctor:

- **Internal Examiner** – Siti Nurul Mahfuzah Mohamad. *Online Multiple Intelligence Teaching Tool (On-MITT) To Enhance Teaching and Learning For Technical Education*. 2014

Masters by research:

- **Internal Examiner** – Norshahidatul Hasana Ishak, *Effectiveness of 3 Dimensional Approach in Electromagnetic Theory Subject (3D-EmT) at UteM*. 2012

XVI. Journal Reviewer/Book Reviewer

- IJCISIM Paper Journal Reviewer 2012-Current
- IYRES Journal Paper Reviewer 2016- Current
- UUM Press Book Reviewer 2017

XVII. Certification

- Deloitte Soft skills Professional Certificate
- MS ISO 9001:2008 Internal Auditor

XVIII. Others

- Moderator for IYRES YOURS 2017 Seminar
- 21st Century Learning Environment Lecture Series for iCOOP Petaling Jaya
- Talks Future Classroom for Sekolah Menengah Kebangsaan Selandar, Melaka
- Speakers – Youth and Technology.: Ethics in using Technology for Youth Parliament
- Colloquium Speakers iPad in a classroom at PPP
- Lecture series on Technology in a classroom at KYS Business School

XIX. Tools Based Skills

- **Adobe Photoshop - Expert**
- **Adobe Illustrator - Expert**
- **Adobe InDesign – Expert**
- **Adobe Animate – Intermediate**
- **Adobe DreamWeaver - Intermediate**
- **Cinema 4D - Intermediate**
- **Adobe XD – Expert**
- **Fontographer – Expert**
- **Photography – Expert**
- **Quark Xpress – Expert**