



CURRICULUM VITAE

PERSONAL BIODATA

Name	PROFESSOR TS. DR. FAAIZAH BINTI SHAHBODIN
Date of Birth	6 September 1970
Sex	Female
Office Address	Faculty of Information & Communication Technology Universiti Teknikal Malaysia Melaka Hang Tuah Jaya, 76100, Durian Tunggal Melaka.
Contact No.	+606 3316756 (Office); +606 3316500 (Fax), 019 6585 704 (hp)
E-mail	faaizah@utem.edu.my
Web Site	http://www.ftmk.utem.edu.my/faaizah/

QUALIFICATIONS

Doctor of Philosophy, 2008
Multimedia in Education, UKM Malaysia

MSc Information Technology, 1997
Information System,
Queensland University of Technology, QUT, Brisbane, Australia

Bachelor (Hons) Information Technology, 1995
Information Technology, UUM Malaysia

Professional Diploma of Competency Based Talent Management (CBTM). UMP, 2019

WORKING EXPERIENCES

Director Centre for Academic Excellent and Scholarship, UTeM, 1 Feb 2017- 31 Jan 2021

Deputy Dean (Academic)
Faculty of Information and Communication Technology, UTeM, 2011 – 31 Dec 2016

Professor
Faculty of Information and Communication Technology, UTeM, 22 June 2016

Associate Professor
Faculty of Information and Communication Technology, UTeM, July 2010

Senior Lecturer
Faculty of Information and Communication Technology, UTeM, 2003

Lecturer: 1997-2002
Faculty of Information Technology, UNIMAS, Sarawak

Head of Department for Information System,
Head of Department for Media Interactive,
Acting Deputy Dean (Academic)

Tutor (temporary): 1995-1996

Teaching undergrad IT student in Faculty of Information Technology, UNIMAS

Part Time Tutor: 1995

Teaching Undergrad IT student in Faculty of Information Technology, UUM.

APPOINTMENTS

Auditor for Malaysia Qualification Agency (MQA)- Jun 2018- Mei 2021. Assignment - Kuala Lumpur Infrastructure University College (KLIUC), Infrastructure University Kuala Lumpur IUKL, BERJAYA University College of Hospitality, BERJAYA Times Square, Kolej Yayasan Melaka, Kolej Universiti Islam Sultan Azlan Shah (KUISAS), Kolej KUIS, Kolej Universiti Insaniah (KUIN), Kedah, Open University Malaysia (OUM)

Auditor for private Institution (MyQUEST), Kolej Risdha MELAKA, Quest International Universiti Perak, Kolej Poly-Tech MARA Batu Pahat

Auditor for Community College Kota Melaka, Kementerian Pendidikan Malaysia (MySPeKK)

Internal Panel for MQA Accreditation "Mock up" at FPTT, UTeM

Reviewer for Research Methodology Proposal presentation Series 1/2013., organised by UTeM Study Leave Dept, 25 April 2013.

Deputy Presiden Association of Active Learning Network Melaka (ALIGN), 2013.

Presiden Malaysian Association of Problem Based Learning (PBL) – MyPBL Special Interest Group

Curriculum Development Panel for Bachelor in Information System Kolej Ugama Islam Melaka (KUIM).

MoU and MoA with SEAMEO SEN (project leader)

MoU with IBM Malaysia Sdn Bhd (Project members)

Auditor panel for Majlis Akreditasi Teknologi dan Teknikal (Technical and Technology Accreditation Council, TTAC), Malaysia Board of Technologists MBOT, Sept 2018- Sept 2020.

AWARDS/RECOGNITIONS

Won Silver medal and Special Award, ITEX 2011 entitle " Internship Intelligent System (IIS)".

Won Silver medal , UTeMEX 2012, entitle "The development and testing of game technique in PBL for Mathematics (PBLMathGame)"

Won Bronze medal UTeMEX 2012, entitle "Development and testing of GBL approach (puzzle game) in multimedia based courseware: case study Form 2 Nutrition (Fun Time Learning Science)"

Won Bronze medal MTE 2010 EXPO. Organised by Malaysia Association of Research Scientists (MARS), 4-6Feb 2010, PWTC, KL. Entitle "Integrating Animated Pedagogical Agent (APA) into Problem Based Learning PBL approach"

Won Bronze medal MTE 2010 EXPO Organised by Malaysia Association of Research Scientists (MARS), 4-6 Feb 2010, PWTC, KL. Entitle "Interactive CD Learning for Autism Children (About Us)"

Recipient of Teaching award, University Academic Award, 2010

Winner of Excellence Service Award (*Anugerah Perkhidmatan Cemerlang*, APC), FTMK, UTeM, 2010 & 2013

Winner of the Buku Umum Terbaik (kategori Perisian Multimedia), 11 Disember 2014, buku Adobe Flash CS5 Professional Includes Exercise Files and training videos, Norasiken Bakar & Faaizah Shahbodin. Organised by GAPENA & Yayasan Pembangunan Buku Negara.

Best paper award, International Postgraduate Network, 5-6 December 2014, Bandung, Indonesia, paper "Personalised Learning Environment: classification of dominant learning styles.

Won Silver medal K-Inovasi, UKM 2019 entitle "Visual Perception Diagnostic Tools for Autistic Learners"

Recipient of Special Group award, University Academic Award, 2018.

Won Silver award MTE 2019 entitle "Autism Kits: Viper Games"

Best poster award, Innovative Research and Industrial Dialogue (IRID 2018)

Best poster award, Mechanical Engineering Research Day (MERD 2017)

Best poster award, Innovative Teaching & Learning Research Day (InTreD'18)

Malaysian TVET Professional Educator (MTPE) Course

Won Silver medal ITEX, 2018 entitle "Online Project Based Collaborative Learning"

Won Gold medal K-Inovasi, UKM 2018 entitle "Online Project Based Collaborative Learning"

Won Gold medal UTeMEX, UTeM 2017 entitle "Online Project Based Collaborative Learning"

Recipient of "Anugerah Jasa Bakti, UTeM for 20 years service 2017.

Won Silver medal UTeMEX, UTeM 2017 entitle "Viper Games for Autism Detection"

Winner 2018/2019 SEAMEO-Jasper Research Award, given by The SEAMEO Seretariat and The Government of Canada.

Won Gold medal International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA19), UTHM 2019 entitle "Innovation on visual Perception Screening Tool for Autistic Detection"

Won Gold medal International eLearning Carnival & Conference (ELCC19), UteM 2019 entitle "Tools in Screening visual Perception Problems: Autism Kits

Won Silver Award Malaysian Association of Research Scientist (MARS), Malaysian Technology Expo (MTE 2019) PWTC, KL entitle "Autism Kits: ViPer Games"

Recipient of "Anugerah Akademik Universiti 2018, Kategori Anugerah Khas Kumpulan UTeM for Autism Special Interest Group.

Won Silver Award South Korea International Invention 2019, Korea,

MEMBERSHIP

Certified Tester, Foundation level, Malaysian Software Testing Board (MSTB), effective 25 July 2012

Members Malaysian Invention and Design Society, MINDS

TRIZ level 1.

Member, Malaysia Institute of Management, 2019 (membership Number 38425)

Teknologis Professional (Ts.)

PUBLICATIONS:

Books

Pembelajaran Berasaskan Masalah, ISBN 978-983-2948-67-4 Published by UTeM Publishing, Main Author.

Adobe Flash Professional CS5 (Include Exercises Files and Training Videos), published by UTeM Publishing, 2012, co-author.

Eksplorasi Pembelajaran Berasaskan Masalah, Main Author, will be published by UTeM Publishing.

Bulletin

Integrasi ICT Dalam Bidang Pendidikan. Faculty Bulletin FTMK Edition 4 Mac 2009, page 11-12.

Teknologi ICT + Pembelajaran Berasaskan Masalah: Bersediakah UTeM?

Penggunaan Teknologi Multimedia dalam P&P. Bulletin PPP, UTeM.

Publication: International Journal

2020

1. Che Ku Nuraini Che Ku Mohd, **Faizah** Shahbodin, Muliati Sedek, Munirah Samsudin (2020). Game Based Learning for Autism in Learning Mathematics. International Journal of Advanced Science and Technology. Vol. 29, No. 5, (2020), pp. 4684-4691, ISSN: 2005-4238. (Scopus,Q3)
2. Che Ku Nuraini Che Ku Mohd, **Faizah** Shahbodin, Muliati Sedek, Raz Amira Azhar (2020). Design And Development Of Simulation Game For Fitness Program. Journal of Critical Reviews. Vol 7, Issue 6, (2020), pp. 822-826, ISSN: ISSN- 2394-5125 (Scopus)
3. Che Ku Nuraini Che Ku Mohd, **Faizah** Shahbodin, Helmi Adly Mohd Noor, Suriawati Suparjoh and Gede Pramudya Ananta. Autism Kits App: Interactive Mobile Game for Visual Impairment among Autism Spectrum Disorder. International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 01, 2020. ISSN: 1475-7192,pp. 582-591.(Scopus,Q4).
4. Suriawati Suparjoh, **Faizah** Shahbodin, Che Ku Nuraini Che Ku Mohd (2020). Technology-Assisted Intervention for Children with Autism Spectrum Disorder using Augmented Reality. International Journal of Recent Technology and Engineering (IJRTE). ISSN: 2277-3878, Volume-8 Issue-5,pp. 2156-2162, January 2020. (Scopus).

2019

Che Ku Nuraini Che Ku Mohd, **Faizah** Shahbodin, Nadhrah Binti Abdul Hadi, Nor Farah Naquiah Binti Mohamad Daud (2019). Augmented Reality (AR) on Mobile Application for Learning Bahasa Melayu among

Primary Students. International Journal of Advanced Trends in Computer Science and Engineering. Volume 8, No.6, pp. 3665-3669, December 2019. ISSN 2278-3091. (Scopus).

Che Ku Nuraini C. K. M, **Shahbodin F.**, Zareena R. and Suriawati S. Early Screening Tool For Autism Spectrum Disorder For Visual Impairments. ARPN Journal of Engineering and Applied Sciences. Vol. 14, No. 22, November 2019, pp. 3847- 3851. ISSN 1819-6608. (Scopus, Q2)

Che Ku Nuraini C.K.M & **Shahbodin F.**, Helmi Adly Mohd Noor, Gede Pramudya Ananta & Muliati Sedek (2019), Using Interactive Games to Engage Children with Autism on Visual Impairment, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Vol 8, issue 3, Sept 2019

Che Ku Nuraini C.K.M, Helmi Adly Mohd Noor & **Shahbodin F.**, , Suriawati Suparjoh & Aliza Che Amran, (2019), Early stage in Identifying Autism Spectrum Disorder (ASD) Through Screening and Diagnosis, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Vol 8, issue 4, Nov 2019

Shahbodin F., Meylinda Maria, Che Ku Nuraini C.K.M and Nurul Amiera Jaafar, Supporting Future Career of autistic learners via Technology: Design and Development of iBakery software, Journal of Technical Education and Training, vol 11, No 3 (2019) pp 111-115 ISSN 2229-8932

Che Ku Nuraini Che Ku Mohd, **Shahbodin F.**, Meylinda Maria, Muliati Sedek, Siti Nurul Mahfuzah Mohamad Integrating an Instructional Design Model in Video Development for Autism Spectrum Disorder, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019

Che Ku Nuraini Che Ku Mohd, **Shahbodin F.**, Suriawati Suparjoh, Nur Alya Sahira Muhamad Khidir Application of Augmented Reality in Learning Bakery for Autism Spectrum Disorder, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019.

Samer Ali Al-shami, Faaizah **Shahbodin**, Nurulizwa Rashid, zanariah jano, Che Ku Nuraini Che ku Mohd, Entrepreneurial Education on Entrepreneurial Intention Among School Teachers in Malaysia, International Journal of Innovative Technology and Exploring Engineering, Vol8 Issue-12, October 2019

2018

Meylinda Maria, **Faaizah** Shahbodin & Naim Che Pee, Current Trends Overview on Malaysian Higher Education System towards Industry 4.0, International Journal of Engineering & Technology, 7 (4.19) (2018) 252-255

2017

i. Helmi Adly Mohd Noor, **Faaizah** Shahbodin, Gede Pramudya Ananta, Che Ku Nuraini Che Ku Mohd, Syarifah Nadiyah Razali, Mohd Sazali Khalid, Rahimah Kassim, Fauziah Abdul Rahman, and Zirawani Baharum, A prototype development of visual perception diagnosis games for autism children, International Journal of Advanced and Applied Sciences, 4(3) 2017, Pages: 68-72, Journal homepage: <http://www.science-gate.com/IJAAS.html>

ii. Sharifah Nadiyah Razali, **Faaizah** Shahbodin, Mohd Hafiez Ahmad, Helmi Adly Mohd Noor, Integrating Learning Management System with Facebook Function: The Effect on Perception towards Online Project Based Collaborative Learning, International Journal on Advanced Science, Engineering and Information Technology, vol 7, issue 3, pp 799-807

iii. Sharifah Nadiyah Razali, Helmi Adly Mohd Noor, Mohd Hafiez Ahmad, **Faaizah** Shahbodin, Enhanced student soft skills through integrated online project based collaborative learning, , International Journal of Advanced and Applied Sciences, 4(3) 2017, Pages: 59-67, Journal homepage: <http://www.science-gate.com/IJAAS.html>

2016

- i. Sharifah Nadiyah Razali, **Faizah** Shahbodin, Mohd Hafiez Ahmad, Helmi Adly Mohd Nor. Measuring Validity And Reliability of Perception of Online Collaborative, Learning Questionnaire Using Rasch Model. The International Journal on Advanced Science, Engineering, Information and Technology (IJASEIT), Vol 6 (2016). index in SCOPUS. ISSN: 2088-5334

2015

- i. Che Ku Nuraini C.K.M & **Shahbodin F.** (2015). Personalized Learning Environment (PLE) Integration in the 21st Century Classroom. International Journal of Computer Information Systems and Industrial Management Applications. ISSN 2150-7988 Vol 7 (2015) page. 014-021, Dynamic Publishers, Inc., USA
- ii. R. Sharifah Nadiyah, S. **Faizah**, P. Gede (2015) A Proposed Model for Online Project Based Collaborative Learning: Expert Review. Journal of Network and Innovative Computing Volume 3 (2015) pp. 001-006
- iii. Hisham Md Suhadi, **Faizah** Shahbodin, Jamaluddin Hashim, (2015), Problems of lifelong Education course in ICT, World Academy of Science, Engineering and Technology (WASET), International Journal of Social, Behavioral, Education, Economics, Business and Industrial Engineering, Vol 9, No 10, 2015.
- iv. Che Ku Nuraini Che Ku Mohd, Faaizah Shahbodin, 2015. [Personalized Learning Environment: Alpha Testing, Beta Testing & User Acceptance Test](#), Procedia-Social and Behavioral Sciences, vl 195, pp 837-843.
- v. Che Ku Nuraini Che Ku Mohd, Faaizah Shahbodin, [Personalized Learning Environment \(PLE\) Experience in the Twenty-First Century: Review of the Literature](#), book Pattern Analysis, Intelligent Security and the Internet of Things, springer, 179-192.
- vi. Razali Sharifah Nadiyah, Shahbodin Faaizah, [The Development of Online Project Based Collaborative Learning Using ADDIE Model](#), journal of Procedia-Social and Behavioral Sciences, vol 195, pp 1803-1812, Elsevier
- vii.

2014

- i. R. Sharifah Nadiyah and S. **Faizah** (2014). The Development of Online Project Based Collaborative Learning Using ADDIE Model. Procedia - Social and Behavioral Sciences 195 (2015) 1803-1812
- ii. Sharifah Nadiyah Razali, **Faizah** Shahbodin, Norasiken Bakar, Hanipah Hussin and Mohd.Hafiez Ahmad (2014). Perceptions towards the Usage of Collaborative Learning in Teaching and Learning Processes at Malaysia Polytechnic. International Conference on Advances in Computing, Communication and Information Technology (CCIT). ISBN: 978-1-63248-010-1.
- iii. Sharifah Nadiyah Razali, **Faizah** Shahbodin (2014). The Usage of CIDOS and Social Network Sites in Teaching and Learning Processes at Malaysian Polytechnics. International Journal of Computers and Technology, Vol. 13 (4): 4354-4359.
- iv. Sharifah Nadiyah Razali, Hanipah Hussin, **Faizah** Shahbodin (2014). 21st Century Core Soft skills research focus for Integrated Online Project Based Collaborative Learning Model. International Conference on Agriculture, Biotechnology, Science and Engineering.

Journal of Applied Science and Agriculture, 9(11) special 2014, page 63-68 (ISSN: 1816-9112), indexed by ISI Thomson Reuters Journal

- v. Helmi Adly Mohd Noor, **Faizah**, Shahbodin, Naim Che Pee, Nur Fadiyah Yusof, Mariana Yusof, Khoo L.M.S., Kamaruzaman Jusoff. Developing a Hybrid Visual Perception Game using the ADDIE Approach for Autism, Australian Journal of Basic and Applied Sciences, 7(3): 1-4, 2013 ISSN 1991-8178. (Indexed by: Scopus, ISI) 2013
- vi. **Faizah** Shahbodin, Zareena Rosli, Kamaruzaman Jusoff and Linda Khoo Mei Sui. Hybrid Problem Based Learning Games for Effective Mathematics Learning. Australian Journal of Basic and Applied Sciences, 7(3): 5-9, 2013 ISSN 1991-8178.
- vii. Helmi Adly, Mohd Noor., **Faizah** Shahbodin., Naim, Che Pee., Serious Game for Autism Children: Review of Literature. World Academy of Science, Engineering and Technology Journal, 64, pp. 647-652, 2012. ISSN 1307-6884 (Indexed by: Scopus, ERA)
- viii. Helmi Adly, Mohd Noor., **Faizah** Shahbodin., Naim, Che Pee., Serious Game for Autism Children: Research Framework. 2nd International Conference on Interactive Digital Media (ICIDM 2013) (2-4 December 2013) IEEE Transaction on Edutainment Journal (indexed by SCOPUS).
- ix. Helmi Adly, Mohd Noor., **Faizah** Shahbodin., Naim, Che Pee., Serious Game for Autism Children: Conceptual Framework. WIT Transactions on Information and Communication Technologies Journal, vol 58, pp 1125-1132. Indexed by Elsevier: SCOPUS.
- x. **Faizah** Shahbodin & Che Ku Nuraini Che Ku Mohd, Evaluating the Effectiveness of Self and Peer Assessment Using PBL on Student Performance and Preference: Malaysian's Experience. International Journal of Computers & Technology, IJCT, VOL 4, NO.2 ISSN 2277 3061. Impact factor 1.043.
- xi. Che Ku Nuraini Che Ku Mohd, **Faizah** Shahbodin & Ahmad Naim Che Pee@Che Hanapi, Personalized Learning Environment approach: Preliminary analysis in Malaysian's Secondary School. International Journal of Computers and Information Technology, IJCIT, ISSN 2279-0764, Vol 2, issue 3, 15 May 2013. Impact factor 1.043
- xii. **Faizah** Shahbodin & Rosfatimah Abd Talib, Designing Animated Pedagogical Agent (APA) to scaffold student learning in online PBL Environment. Journal of Engineering and Technology, vol.1. no.1 January-June 2010, ISSN:2180-3811
- xiii. Nur Sahidah Binti Bashier, **Faizah** Shahbodin, Anizah Othman, Development Of Science Courseware Through Puzzle Based Game : Funtime Learning Science. Malaysian Journal of Educational Technology (my.JET), vol 12, Number 1 March 2012. <http://www.myjet-meta.com/current-issue.php>.
- xiv. Che Ku Nuraini Che Ku Mohd & **Faizah** Shahbodin, Implementing PBL in Human Computer Interaction Class, Malaysian Journal of Educational Technology (my.JET), vol 12, Number 1 March 2012. <http://www.myjet-meta.com/current-issue.php>
- xv. Norshahidatul Hasana Ishak, Norasiken Bakar, Shahdan Md Lani, Sazilah Salam & **Faizah** Shahbodin, A conceptual framework for the design of a 3D Courseware on Electromagnetic Theory. Malaysian Journal of Educational Technology (my.JET), vol 12, Number 1 March 2012. <http://www.myjet-meta.com/current-issue.php>.
- xvi. Lenora Putit, Hazmilah Hasan, Amirah Ahmad Suki & **Faizah** Shahbodin, Commercialization of University Research products and its outcome on university

- performance. *International Journal of Business and Management Studies*, ISSN 2158-1479. 3(1):483-495 (2014)
- xvii. Ngu, B.H., Mit, E., **Shahbodin**, F., Tuovinen, J. Chemistry problem solving instruction: A comparison of three computer based formats for learning from hierarchical network problem representations. *Journal of Instructional science*, Vol 37 (1), Jan 2009, pp 21-42.
- xviii. Che Ku Nuraini C.K.M & **Shahbodin** F., Ahmad Naim Che Pee (2014). "Personalized Learning Environment (PLE): Developing a Framework using ADDIE Approach". *International Conference on Agriculture, Biotechnology, Science and Engineering 2014 (iCABSE 2014)*. 29th – 30th August 2014, Ho Chi Minh City, Vietnam. *Journal of Applied Science and Agriculture*, Vol 9 (11): pp 28-32 (ISI /Thomson Reuters Journal) (ISSN 1816-9112). Available online 30 August 2014. © 2014 AENSI Publisher All rights reserved
- xix. Che Ku Nuraini Che Ku Mohd & **Faizah** Shahbodin (2014). "Learning Approach for Personalized Learning Environment (PLE): Preliminary Analysis". *International Conference on Information and Communication Technology for Education (ICTE 2013)*. *WIT Transactions on Information and Communication Technologies*, Vol. 58 (1), © 2014 WIT Press www.witpress.com (ISSN: 1743- 3517) Indexed by Elsevier: SCOPUS. Published: 2014
- xx. Che Ku Nuraini Che Ku Mohd & **Faizah** Shahbodin (2014). "Development of Personalized Learning Environment (PLE) for Malaysian School Environment Based on ADDIE Model". *International Journal of Computers And Technology (IJCT 2014)*, Vol. 13 (7), pp 4683-4687, 10 June 2014 (ISSN: 2277-3061). (Impact Factor: 1.532).
- xxi. Che Ku Nuraini Che Ku Mohd, **Faizah** Shahbodin, Naim Che Pee, Exploring the Potential Technology in Personalized Learning Environment (PLE). *Journal of Applied Science and Agriculture*, Vol 9(18), pp 61-65, 2014. ISSN 1816-9112. Available online 17 October 2014. © 2014 AENSI Publisher All rights reserved.
- xxii. Che Ku Nuraini Che Ku Mohd, **Faizah** Shahbodin, Naim Che Pee. Personalized Learning Environment (PLE): Classification of Dominant Learning Styles. *Australian Journal of Basic and Applied Sciences*.
- xxiii. Wan Haniza Wan Hassim, Abdul Samad Shibghatullah & **Faizah** Shahbodin, Solving New Student Allocation problem with AHP, *Science International (Lahore)*, 26(5), 1659-1662, 2014

Publication: National Journal

- i. **Faizah**, S. Halimah, B.Z. & Norasiken, B. 2007. Applying hybrid Problem Based Learning Approach in developing C²HADAM. *Journal of Technology Management and Entrepreneurship*, vol 6, no.1, 2007.
- ii. Norasiken, B, Halimah, B.Z. & **Faizah**, S. 2007. Development of VLAB-CHEM for form four students based on Constructivism-Cognitivism-Contextual Approach. *Journal of Technology Management and Entrepreneurship*, vol 6, no.1, 2007.
- iii. **Faizah** Shahbodin & Halimah Hj. Badioze Zaman. Pilot test of interactive multimedia courseware for science based on the hybrid problem based learning approach. *Ejournal UNITAR* Volume 3, No. 2, June 2007.

- iv. **Faaizah** Shahbodin & Halimah Hj.Badioze Zaman. Penerapan pendekatan PBL dalam Pakej Multimedia C2HADAM:Konstruk Keberkesanan. Jurnal Teknologi Maklumat dan Multimedia, UKM, Jilid 6, Jun 2009. ISSN 1823-0113.
- v. **Faaizah** Shahbodin & Rosfatimah Abd Talib, Designing Animated Pedagogical Agent (APA) to scaffold student learning in online PBL Environment. Journal of Engineering and Technology, vol.1. no.1 January-June 2010, ISSN:2180-3811.
- vi. Che Ku Nuraini Che Ku Mohd & **Shahbodin**, F. Implementing PBL in Human Computer Interaction Class. Malaysian Journal of Educational Technology (my.JET), ISSN 16750292., Vol 11, No.4,Dezember 2011.
- vii. Norshahidatul Hasana Ishak, Norasiken Bakar, Shahdan Md.Lani, Sazilah Salam & **Shahbodin**, F. A Conceptual framework for the design a 3D Courseware on Electromagnetic theory. Malaysian Journal of Educational Technology (my.JET), ISSN 16750292., Vol 11, No.4,Dezember 2011
- viii. Khalom Husain, Aida Nasirah Abdullah, Norasiken Bakar, **Shahbodin**, F., Norshahidatul Hasana Ishak & Hazmilah Hasan. Comparing students' perception of blended learning and traditional classroom delivereries in an English course in a Technical University. Malaysian Journal of Educational Technology (my.JET), ISSN 16750292., Vol 11, No.4,Dezember 2011.
- ix. Sharifah Nadiyah Razali, **Faaizah** Shahbodin, Hanipah Hussin and Norasiken Bakar (2015), Online Collaborative Learning Elements to Propose an online project based collaborative learning model, Jurnal Teknologi, UTM, 77:23 (2015),PP 55-60. eISSN 2180-3722.

Publication: Proceedings of International Conference

2019

- 1. Che Ku Nuraini Che Ku Mohd & **Faaizah Shahbodin**, A.H Azni, Zanariah Jano, Visual Perception Games for Autistics Learners: Design and Development, International Conference Proceedings Series by ACM ISBN 978-1-4503-6621-2. Scopus.
- 2. **Faaizah Shahbodin**, A.H Azni, Che Ku Nuraini Che Ku Mohd & Tasnuva Ali, Lightweight cryptography techniques for Mhealth Cybersecurity. , International Conference Proceedings Series by ACM ISBN 978-1-4503-6621-2. Scopus
- 3. **Faaizah Shahbodin** ,Che Ku Nuraini Che Ku Mohd &, A.H Azni, Zanariah Jano, Visual Perception Games for Autistics Learners:Research Findings, International Conference Proceedings Series by ACM ISBN 978-1-4503-6621-2. Scopus.

2018

- 1. Meylinda Maria, Faaizah Shahbodin, Siti Nur Syuhada Che Daud, Assistive Technology for Autism Spectrum Disorder: A Review of Literature. Proceedings of International MEDLIT Conference 2018.
- 2. Faaizah Shahbodin, Helmy Adly Mohd Noor and Zanariah Jano, Visual Perception Diagnostic Tools For Autistic Learners, Proceeding of Innovative Research and Industrial Dialogue 2018.
- 3. M Atan, F Shahbodin , Significance of mobile learning in learning Mathematics, MATEC Web of Conferences, 2018

2017

- i. Helmi Adly Mohd Noor, Faaizah Shahbodin, , Nadiyah Razali, Hazmilah Hasan, H.Musa, Developing a **Framework of Visual Spatial Relationship Games for Autistic Learners**, , Proceedings of Mechanical Engineering Research Day 2017, pp 230-232.
- ii. FR Azmi, H Musa, F Shahbodin, H Hazmilah, S Fam, [Implementation of green human resource management in Malaysia](#), Proceedings of Mechanical Engineering Research Day 2017, 257-258.
- iii. SN Razali, MH Ahmad, F Shahbodin, HAM Noor, Z Jano, [The effectiveness of online project based collaborative learning towards total number of postings](#), Proceedings of Mechanical Engineering Research Day 2017, 216-218.
- iv. H Musa, FR Azmi, N Mohamad, F Shahbodin, S Fam, [Creative industry learning and development towards craft product: Critical success factors of technopreneurship](#), Proceedings of Mechanical Engineering Research Day 2017, 246-247.
- v. Hazmilah, H., H. Musa,, Faaizah, S., A.Mislina, Y.Aizan, Investigating graduate global employability competency framework towards sustainable human capital development. Proceedings of Mechanical Engineering Research Day 2017, 233-234
- vi. Zareena Rosli Faaizah Shahbodin, Helmi Adly Mohd Noor, visual perception diagnostic tools for autism children: viper games, 2nd International conference on Special Education, pp 481-487.

2016

- i. Mislina Atan, Mohammad Bakhtiar Aman dan **Faizah** Shahbodin, Students'Perceptio of Business Gamification on Fostering Entrepreneurship Skills, ICOHAT 2016 - International Conference on Humanities and Technology which is being held 2016-08-17 at Melaka.
- ii. Sharifah Nadiyah Razali, **Faizah** Shahbodin, Hanipah Hussin and Norasiken Bakar, Measuring Validity and Reliability of Collaborative Learning Rubric Using Rasch Model, ICOHAT 2016 - International Conference on Humanities and Technology which is being held 2016-08-17 at Melaka
- iii. Sharifah Nadiyah Razali, **Faizah** Shahbodin, Hanipah Hussin and Norasiken Bakar, Measuring Validity and Reliability of Collaborative Learning Rubric Using Rasch Model, Fourth International Conference on User Science and Engineering 2016 (i-USER 2016),

2015

- i. Sharifah Nadiyah Razali & **Faizah** Shahbodin. The Development of Online Project Based Collaborative Learning using ADDIE Model. Proceedings of World Conference on Technology, Innovation and Entrepreneurship Jun 2015, Procedia Social and Behavioral Sciences 195 (2015), 1803-1812.
- ii. Che Ku Nuraini Che Ku Mohd & **Faizah** Shahbodin. Personalised Learning Environment: Alpha Testing, Beta Testing & User Acceptance Test. Proceedings of World Conference on Technology, Innovation and Entrepreneurship Jun 2015

2014

- i. Che Ku Nuraini C.K.M & **Shahbodin F.**, Ahmad Naim Che Pee (2014). "Exploring the potential technology in Personalized Learning Environment (PLE)". International Postgraduate Conference on Science and Technology 2014.
- ii. Che Ku Nuraini C.K.M & **Faizah S.**, Ahmad Naim Che Pee (2014). "Mapping of Personalized Learning Environment (PLE) among Malaysian's Secondary School". International Conference on Advances in Computing, Communication and Information Technology - CCIT 2014. 1st – 2nd June 2014, University of Westminster, London, United Kingdom. ISBN: 978-1-63248-010-1 doi: 10.15224/ 978-1-63248-010-1-03.
- iii. Che Ku Nuraini Che Ku Mohd, **Faizah Shahbodin** & Naim Che Pee. "Personalized Learning Environment (PLE) Experience in the 21st Century: Review of Literature". 4th World Congress On Information and Communication Technologies (WICT'14). Malacca, Malaysia. December 08-11, 2014. MICT, Melaka, Malaysia.
- iv. Norasiken Bakar, **Faizah Shahbodin** & Nuraziera Mohd Hatta "The effectiveness of 3D Approach in development of 3D-Atomic courseware". 4th World Congress On Information and Communication Technologies (WICT'14). Malacca, Malaysia. December 08-11, 2014. MICT, Melaka, Malaysia.

2013

- i. **Faizah Shahbodin** & Zareena Rosli. The use of PBLMathGame as a Problem Based Learning tool. The 4th International Research Symposium on Problem Based Learning (IRSPBL 2013). 2-3 July 2013.
- ii. Syarifah Nadiyah, **Shahbodin** & et.al (2013) Incorporating LMS with social network sites to support online collaborative learning: Preliminary Analysis. The 3rd International Visual Informatics Conference (IVIC2013), LNCS 8327 , pp. 549-557, UKM.
- iii. Helmi Adly, M.N., S. **Faizah** and C.P. Naim, A Review of Serious Game for Autism Children. International Conference on Computer Games, Multimedia, and Allied Technology (CGAT), pp. 90-95, 2012
- iv. Nuraziera Mohd Hatta, Norasiken Bakar, **Faizah Shahbodin**, 3D Approach in the Development of Chemistry Subject at UTeM: Atom Cubic, International Conference on Active Learning ICAL 2012, ISBN No: 978-967-0257-15-0
- v. Che Ku Nuraini C.K.M & **Shahbodin F.** (2013). "Learning Approach for Personalized Learning Environment (PLE): Preliminary Analysis". WIT Transactions on Information and Communication Technologies (ISSN: 1743- 3517) (ICTE2013). Holiday Inn Singapore Atrium, Singapore, 1-2 Dec, 2013. (Indexed in: SCOPUS and Ei Compendex)
- vi. Che Ku Nuraini C.K.M & **Shahbodin F.** (2013). "Personalized Learning Environment (PLE): Need Analysis in Malaysian's Secondary School". 2013 IEEE Conference on e-Learning, e-Management and e-Services (IC3e 2013). 2nd - 4th December 2013, Grand Margherita Hotel, Kuching, Sarawak, Malaysia (Indexed in: IEEE Computer Society and IEEE).
- vii. Razali, S.N, **Shahbodin, F.**, Bakar, N., Hussin, H. and Ahmad, M.H. (2013). The Need of Incorporating Cidos with Facebook to Facilitate Online Collaborative Learning. International Conference on Information and Communication Technology for Education (ICTE2013)

- viii. Razali, S.N, Ahmad, M.H., **Shahbodin**, F., Bakar, N. and Hussin, H. (2013). Incorporating Cidos with Social Network Sites to Facilitate Collaborative Learning: Need Analysis Colloquium on Active Learning & e-Learning UTeM (CAeL 2013)
- ix. Che Ku Nuraini C.K.M, **Faizah** S. & Norasiken B. (2013). "Preliminary Analysis in Malaysian's Secondary School Using Personalized Learning Environment (PLE) Approach". Colloquium on Active Learning & e-Learning 2013 (CAeL'13), "Education Excellence Through Quality of Teaching and Learning". On 18 September 2013, Melaka. Organized by Centre for Teaching & Learning, Universiti Teknikal Malaysia Melaka (UTeM).

2012

- i. Nuraziera Mohd Hatta, Norasiken Bakar, **Faizah** Shahbodin, 3D Approach in the Development of Chemistry Subject at UTeM: Atom Cubic, International Conference on Active Learning ICAL 2012, ISBN No: 978-967-0257-15-0
- ii. Nur Sahidah Binti Bashier, **Faizah** Shahbodin, Anizah Othman, Development Of Science Courseware Through Puzzle Based Game : Funtime Learning Science. International Conference on Active Learning ICAL 2012, ISBN No: 978-967-0257-15-0
- iii. Norshahidatul Hasana Ishak, Norasiken Bakar, **Faizah** Shahbodin, Implementation of 3D Approach in Development of Electromagnetic Theory Courseware, The 1st. International Conference on Innovation, Management and Technology Research (ICIMTR 2012), 21-22 May 2012.
- iv. Helmi Adly Bin Mohd Noor, **Shahbodin**, F. & Ahmad Naim bin Chee Pee, A Review of Serious Game for Autism Children In Malaysia, The 5th International Conference on Computer Games, Multimedia and Allied Technology (CGAT 2012), Bali, Indonesia, 7-8 Mei 2012, EBSCO, CrossRef, Proquest, Scopus, Science Direct.
- v. Helmi Adly Bin Mohd Noor, **Shahbodin**, F. & Ahmad Naim bin Chee Pee, Serious Game for Autism Children: Review of Literature, ICCGMAT 2012 : The XXXII International Conference on Computer Games, Multimedia and Allied Technology (CGAT) Venice, Italy, 11-13 April 2012, pp. 90-95, 2012.

2011

- i. **Faizah** Shahbodin & Che Ku Nuraini Che Ku Mohd, The impacts of PBL on Student's Performances, International Conferences on Teaching & Learning in Higher Education (ICTLHE 2011), 21-23 Nov 2011.
- ii. Zareena Rosli & **Faizah** Shahbodin, Preliminary Analysis of Using Game in PBL in Learning Mathematics. International Conference on Education & Learning in Mobile Age 2011 (CELMA'11), 1-2 June 2011. Lake District, UK. – Paper accepted and publish in conference proceeding and publish in Book Chapter "Learning with Mobile Technologies, Handheld Devices and Smart Phone: Innovative Method".
- iii. **Faizah** Shahbodin, Che Ku Nuraini Che Ku Mohd & Mariana Yusoff, ICT & PBL= Holistic Learning Solution: UTeM's Experience. Sixth International Conferences on Digital Information Management (ICDIM 2011), La Trobe University, Melbourne, Australia, 26-28 Sept 2011. – Indexed in ISI Proceedings and Scopus, EI Compendex

2010

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- ii. Ibrahim Ahmad, **Faaizah** Shahbodin & Aniza Othman (2010). Mathematics for Autism children (Numbers). Proceedings Regional conference on Knowledge Integration in ICT, 1 Jun 2010, Putrajaya, page 37-43.
- iii. Wan Nurnadiah Wan Mohd Puzi & **Faaizah** Shahbodin, Development of Research Framework for PBL Problem Scenario Using Linear & Non-linear Multimedia. Regional conference on Knowledge Integration in ICT, 1 Jun 2010, Putrajaya, page 204-208.
- iv. **Faaizah** Shahbodin & Halimah Badioze Zaman. Hybrid Problem Based Learning: C2HADAM Courseware Testing Result. International Federation for Information Processing Digital Library, Joint Open and Working IFIP Conference ICT and Learning for the net Generation.
- v. Nurhazirah Bakri & **Faaizah** Shahbodin. Problem Solving Steps in online PBL-Research Framework. Proceedings of International Symposium on Information Technology 2010 (ITSiM2010). 15-17 June 2010.
- vi. **Faaizah** Shahbodin, Rosfatimah Abd.Talib, Sazilah Salam. Integrating APA into PBL Approach. RCEE & RHed2010, Sarawak – 7-9 June 2010.
- vii. Rozie Ezrina Shuhimi, Norasiken Bakar, **Faaizah** Shahbodin, Sazilah Salam, Ibrahim Ahmad. Development of Virtual Learning for Chemistry Subject based on Constructivism-Contextual Approach. Proceedings of International Symposium on Information Technology 2010 (ITSiM2010). 15-17 June 2010.

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- ii. Rosfatimah Talib, **Faaizah** Shahbodin, Sazilah Salam & Ibrahim Ahmad. A preliminary study of Integrating Animated Pedagogical Agent (APA) in PBL Approach. 2nd International PBL Symposium (PBL 2009) Republic Polytechnic, Singapore, 10-12 June 2009.
- iii. **Faaizah** Shahbodin & Rosfatimah Talib. Designing APA to scaffold learning in online PBL Environment. Proceedings of MUCEET 2009. Malaysian Technical Universities Conference on Engineering and Technology. June 20-22 2009.
- iv. Nurhazirah Bakri, **Faaizah** Shahbodin & Norasiken Bakar. Preliminary analysis of Problem Solving method in online PBL: Case study IT Security Subject at UTEM. Proceedings of International Conference on Computing & Informatics (ICOCI09). 24-25 June 2009.
- v. Ab Halim H., Bakar N., Ahmad I. & **Shahbodin** F. (2009). Designing a Virtual Laboratory for Chemistry Using Animated Pedagogical Agent (APA), 3rd International Malaysian Educational Technology Convention, 24-26 October 2009
- vi. Mat Zin, N., Bakar N., Ahmad I. & **Shahbodin** F. (2009). Design for 3D Visualization Courseware for Isomerism Alkene, International Conference on Educational Research and Practice, UPM, Malaysia, 10-11 June 2009
- vii. Shuhimi R., Bakar N., **Shahbodin** F., Ahmad I. (2009). Preliminary Analysis: Virtual learning for chemistry subject using Contextual Approach: Preliminary Analysis, International Conference on Educational Research and Practice, UPM, Malaysia, 10-11 June 2009.
- viii. Halim H., Bakar N., Ahmad I. & **Shahbodin** F. (2009). Preliminary Analysis of Virtual Laboratory for Chemistry using Animated Pedagogical Agents (APA), International Conference on Educational Research and Practice, UPM, Malaysia, 10-11 June 2009.

- ix. Ab Halim H., Bakar N., Ahmad I. & **Shahbodin F.** (2009). Virtual Laboratory for Chemistry Subject based on Cognitivism, Constructivism and Contextual Approach, The International Conference in Education 2009, Universiti Brunei Darussalam, Brunei Darussalam, 21-24 May 2009.
- x. Hajah Norasiken Bakar, Halimah Badioze Zaman, **Faizah** Shahbodin, Ibrahim Ahmad & Syariffanor Hisyam (2009). Pembangunan dan Keberkesanan Makmal Maya Kimia Berasaskan Pendekatan Kognitivisme, Konstruktivisme dan Konteksual (VLab-Chem). 14th International Conference on Education (ICE2009).Universiti Brunei Darussalam. 21-24 May 2009.
- xi. W.Nurnadiyah W.Mohd Puzi, **Faizah** Shahbodin & Burairah Hussin (2009). Designing PBL Problem Scenario for Statistic using linear and non-linear multimedia presentation. International Conference on Computer Technology and Development (ICCTD 2009). – 13-15 Nov, Kota Kinabalu Sabah.
- xii. Che Ku Nuraini Che Ku Mohd, **Faizah** Shahbodin & Muhammad Haziq Lim Abdullah. Computerised of assessment technique in PBL for teaching HCI: Case study on User Interface Design. International Conference on Computer Technology and Development (ICCTD 2009). – 13-15 Nov, Kota Kinabalu Sabah.
- xiii. Che Ku Nuraini Che Ku Mohd & **Faizah** Shahbodin. Assessment techniques in PBL for teaching Human Computer Interaction. International Conference on Software Engineering and Computer System (ICSECS09), 19-21 Oct 2009, UMP, Pahang

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- i. **Faizah** Shahbodin & Halimah Badioze Zaman. Hybrid PBL: C2HADAM Courseware testing result. Proceedings of the Joint Open and Working Conference: ICT and Learning for the Net Generation (LYICT2008). Open University OUM, 7th -10th July 2008.
- ii. **Faizah** Shahbodin & Halimah Badioze Zaman. Virtual PBL System on Nutrition (C²HADAM). Proceedings of the 3rd International Symposium on IT 2008 (ITSim'08). UKM, 26-29th August 2008.

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- i. **Faizah** Shahbodin and Halimah Hj.Badioze Zaman. Integrating Hybrid Problem Based Learning Approach in a Science Classroom at Malaysia Secondary School- Development and Design. International PBL Symposium 2007- Reinventing PBL. Republic Polytechnic, Singapore, 7-9 March 2007. ISBN 978-981-05-7718-6.
- ii. **Faizah** Shahbodin and Halimah Hj.Badioze Zaman. The Development of Multimedia Courseware for Malaysian's Secondary Schools Using Hybrid Problem Based Learning Approach. 12th International Conference on Education- Changing Contours of Education:Future Trends., Sultan Hassanul Bolkiah Institute of Education, Universiti Brunei Darussalam. 21-24 May 2007.
- iii. **Faizah** Shahbodin and Halimah Hj.Badioze Zaman. Development and Design of C²HADAM Courseware Based on Hybrid Problem Based Learning Approach. International Conference on IT Research and Applications 2007 (CITRA 2007), Faculty of IT, UNITAR. 4 -5 April 2007, Holiday Villa Hotel, Subang, Malaysia. ISBN 978-983-2069-11-9.
- iv. **Faizah** Shahbodin and Halimah Hj.Badioze Zaman. Hybrid Problem Based Learning Approach in Malaysian's Secondary School for Science Learning. International Conference on Electrical Engineering and Informatics (ICEEI 2007): School of Electrical Engineering and Informatics, Institute Teknologi Bandung, Indonesia. 17-19 June 2007.
- v. **Faizah** Shahbodin and Halimah Hj.Badioze Zaman. C²HADAM Courseware Based on Hybrid Problem Based Learning Approach: Preliminary Reliability Testing Result. UITM International

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- vi. **Faaizah** Shahbodin and Halimah Hj.Badioze Zaman. C²HADAM: Hybrid PBL Multimedia and Web Based Courseware For Science. International Conference on Science & Mathematics Education (COSMEd 2007), SEAMED RECSAM, 13-16 November 2007, Penang, Malaysia.
- vii. **Faaizah** Shahbodin and Halimah Hj.Badioze Zaman. Courseware Design Using Hybrid Problem Based Learning Approach for Science. International Conference for Engineering and ICT (ICEI2007), UTeM, Melaka, 27-29 November 2007, Melaka, Equatorial Hotel, Melaka, Malaysia.
- viii. Syahrul N.Junaini, Roziana Ibrahim & **Faaizah** Shahbodin. Analysis of Visual Instruction Scaffolding in Games. First Regional Conference on Computational Science and Technologies (RCCST2007), 29-30 Nov 2007, School of Engineering and IT, UMS, Sabah. (co-write).
- ix. **Faaizah** Shahbodin and Halimah Hj.Badioze Zaman. Implementing PBL in Science Classroom. First International Malaysian Educational Technology Convention, PTPM 2007, 2nd-5th November 2007, University Technology Malaysia, Johor, Malaysia.
- x. Ibrahim Ahmad, Sazilah Salam & **Faaizah** Shahbodin. The Development of a Prototype of an educational Multimedia Application via Mobile Devices: A UTeM Approaches. First International Malaysian Educational Technology Convention, PTPM 2007, 2nd-5th November 2007, University Technology Malaysia, Johor, Malaysia.

2006

- i. **Faaizah** Shahbodin and Halimah Hj.Badioze Zaman (2006). Integrating Problem Based Learning Approach in a Secondary Science Classroom. International Conference on Science and Technology (ICSTIE 2006): Applications in Industry and Education. Dewan Seminar Utama, UITM, Penang, Malaysia 8-9 Disember 2006.

2005

- ii. **Faaizah** Shahbodin and Halimah Hj.Badioze Zaman (2005). A Constructive Approach Using PBL Method to Develop Web Based Courseware- An Overview. Proceedings of the 3rd International Conference on Information Technology and Multimedia at UNITEN (ICIMU' 05), Malaysia, 22nd – 24th November 2005.

Publication: Proceeding of National Conferences

2017

- I.
 - i. Sharifah Nadiyah Razali, **Faaizah** Shahbodin, & Helmi Adly Mohd Nor. The effectiveness of Online Project Based Collaborative Learning Towards Total Number of Postings, Mechanical Engineering Research Day 2017 (MERD'17)
 - II. **Faaizah** Shahbodin, & Helmi Adly Mohd Nor. The Developmental Framework of Visual Spatial Relationship Games for Autism Learner, Mechanical Engineering Research Day 2017 (MERD'17)

2009

- i. **Faaizah** Shahbodin & Halimah Badioze Zaman. Pakej Pendidikan Sains Multimedia menggunakan Pendekatan PBL. Prosiding Seminar Kebangsaan ICT Dalam Pendidikan 2009. 28-29 April 2009.
- ii. Rosfatimah Abdul Talib, **Faaizah** Shahbodin, & Sazilah Salam (2009). Integrating animated pedagogical agent (APA) into online Problem based Learning (PBL) for IT Subject. Prosiding Seminar Kebangsaan ICT Dalam Pendidikan 2009. 28-29 April 2009.
- iii. Wan Nurnadiah Wan Mohd Puzi & **Faaizah** Shahbodin. (2009). Visualizing problem scenario in Different Media format Using PBL for Statistics: Preliminary Analysis. Prosiding Seminar Kebangsaan ICT Dalam Pendidikan 2009. 28-29 April 2009.
- iv. Che Ku Nuraini Che Ku Mohd & **Faaizah** Shahbodin. (2009). Integration of PBL Using Assessment Technique in Teaching HCI: Preliminary Analysis. Prosiding Seminar Kebangsaan ICT Dalam Pendidikan 2009. 28-29 April 2009.
- v. Nurhazirah Mohd Bakri & **Faaizah** Shahbodin. (2009). Early analysis of Problem solving method in web based PBL-Case study:Information Technology Security subject for FTMK, UTEM. Prosiding Seminar Kebangsaan ICT Dalam Pendidikan 2009. 28-29 April 2009.

2007

- i. **Faaizah** Shahbodin and Halimah Hj.Badioze Zaman (2007). Pakej Pendidikan Sains (Nutrisi) multimedia menggunakan pendekatan PBL Secara hybrid (C²HADAM). Seminar Siswazah Kumpulan Teknologi Multimedia Lanjutan FTSM, UKM 2007 (Inovasi Penyelidikan Sistem Multimedia ke Arah Globalisasi, Palm Garden Hotel, Putrajaya, 28 Ogos 2007.

2006

- i. **Faaizah** Shahbodin and Halimah Hj.Badioze Zaman (2006). Integrating Technology into the Teaching of Science Subject: A Problem Based Learning Approach. Prosiding Persidangan Biologi Kebangsaan. UPSI, Malaysia. Hotel Legend. 26-28 June 2006.
- ii. **Faaizah** Shahbodin & Halimah Hj.Badioze Zaman (2006).Introducing a PBL Approach into a Science Curriculum. Konvensyen Teknologi Pendidikan ke 19. USM, Malaysia. 9-11 Sept06, Awana Langkawi.

2005

- i. **Faaizah** Shahbodin and Halimah Hj.Badioze Zaman (2005). Analisis Awal Pembangunan Perisian Kursus Sains Tingkatan 2 – 'NUTRITION' Secara Pembelajaran Berasaskan Masalah (PBM). Seminar Kebangsaan ICT Dalam Pendidikan (ict@edu 2005), Fakulti Teknologi Maklumat dan Komunikasi, UPSI, Malaysia. Hotel Prince, 17-19 November 2005

2004

- i. **Faaizah** Shahbodin and Halimah Hj.Badioze Zaman (2004). Using Problem Based Learning (PBL) approach to Develop Web Based Courseware – an early Analysis. Prosiding Seminar Siswazah UKM, Malaysia, 2004.

Publication: Teaching Modules

Buku Panduan Perlaksanaan Projek Diploma FTMK
Buku Panduan Perlaksanaan Projek Sarjana Muda (BITD)
Buku Panduan Perlaksanaan Projek Sarjana Muda (BITM)
Buku Panduan Perlaksanaan Projek Sarjana Muda (BITI)
Buku Panduan Perlaksanaan Projek Sarjana Muda (BITS)
Buku Panduan Perlaksanaan Projek Sarjana Muda (BITC)

Pembinaan Senario Masalah Secara PBL Dalam Bidang Teknikal – Teaching and Learning module, UTeM. 2012.

Pembelajaran Berasaskan Masalah, UTeM Press, 2010 (book)

Model Hibrid Pembelajaran Berasaskan Masalah, UTeM Press, 2018 (monograf)

Eksplorasi PBL – final stage publication by UTeM Press, 2019

PBL – Research and Leadership, book chapter, cheif editor, – final stage publication by UTeM Press, 2019.

RESEARCH EXPERIENCES

Principal Researcher

Pengujian Keberkesanan Model Kejuruteraan Perisian Pembelajaran ke Atas Subjek Berteraskan 'Hands-on' : Kajian Kes Analisis Aplikasi Diod Dalam Subjek Peranti Elektronik. PJP/2003/FTMK (6) S020. – **Completed**

Integrating Problem-Based Learning (PBL) Approach in Developing an Interactive Web based Learning for Technical Course- PJP/2008/FTMK (19)-S498 - **completed**

Developing and testing of an assessment technique using Problem Based Learning approach: A case study on FTMK Human Computer Interaction (HCI) Course. PJP/2009/FTMK (12D) S591 - **completed**

Development and Testing of Game Techniques to Enhance PBL in Mathematic Enginerring Course. PJP/2010/FTMK (15D) S00789 – **Completed.**

Exploration the use of serious game to conduct experimental testing on autism cognitive level identification assessment. ERGS/1/2012/SS109/UTEM/02/1 – RM50, 000.- **Completed.**

Investigating the Integration of Multiple Intelligence Personalized Learning Environment (PLE) for Teaching Science Subject. PJP/2013/FTMK (23D)/S01265. **Completed.**

Development of Autism Cognitive Level Identification Assessment Kits Using Serious Game Technique for SEAMEO SEN (AUTISM KITS). PRGS/2/2015/ICT01/UTEM/02/2 – RM54,750.00. – **Completed**

A New Assistive Technology Model for Constructive skill-based Curriculum to assist learners with LD, FRGS/1/2016/ICT01/UTeM/02/2, RM 65,200, 15 July 2016- 31 Jan 2019 – **completed.**

Education 4.0: A Framework to Transform Maktab Rendah Sains Mara to Digital Classroom (Industry Matching Grant with Integrasi Pintas Sdn Bhd), 11/2/2020 - 11/6/2021 18 months / RM 115, 000.

Competency Based Talent Management Framework For Educator, Grant by AKEPT, RM30,000, 1 Mei 2020 – 31 Dez 2020.

CO - Researcher

e-Learning Bagi Subjek Instrumentasi Dan Penentu Ukuran - **Completed.**

Development and Effectiveness of 3D Visualization courseware for Isomerism Alkene at MRSM Terendak Melaka. - **Completed.**

Feature Extraction Software Tools (FEST) - **Completed.**

Diode Analysis e-learning Application for Electronic device course. PJP/2002/FTMK (4). - **Completed.**

Courseware Reengineering Model – 2003 - **Completed.**

Analysing communication competence of UTeM's undergraduates in Final Year Projects (PSM) oral Presentations. PJP/2010/PBPI (3G) S97 – **Completed.**

3D courseware for UTeM student: Electromagnet Subject. PJP/2011/FTMK(24A)/S00970, start 1 Nov2011- 31 Oct 2012 – **Completed.**

Investigating factors affecting new product commercialization and its impact on business performance: a national perspective on Malaysia's higher academic institutions. 600-RMI/ERGS 5/3 (33/2011) UITM. **Completed.**

Multicultural Interface Design Framework for Malaysia e-Government Services Based on Culture Centred Design (CCD) Approach, ERGS/1/2012/TK06/UKM/02/3, RM 37,440.00, 1 Jun 2012-1 Jun 2015. Principal Researcher Dr.Dalbir Singh A/L Valbir Singh, UKM. **Completed.**

MTUN COE Program Grant: Program Name: "Green Public Services (GreenPics)

Project Name: Design and development of a framework on the factors that influencing people intention towards the adoption of green lifestyle using Green Public Services. (Prof. Dr Maizam Alias, Edna Buyong, Norasiken Bakar, Saira Hani Musa, Faaizah Shahbodin, Ahmad Naim Chee Pee). Amount approved: RM33,000.(duration 1 July 2012- 30 June 2014) **Completed.**

Transforming Learning and Teaching in Higher Education: Developing Innovative Evidence-based Techniques for Transferring Skills in Effective Implementation of Cooperative PBL Among Lecturers. ERGS. Start date Sept 2011- Ogos 2013. (members, Principle research Prof Madya Dr Khairiyah binti Mohd Yusof, UTM. **Completed.**

Prototype Development of Edutainment for Deaf children in Pre-school using KINECT. PJP/2014/FTMK/Prototaip/SO1390, RM 19000, 15 Dez 2014-Jun 2016. **Completed.**

GeranSeed money, Analisis Kepentingan Penghasilan set Mainan, komersil Rekaan Teknologi Kejuruteraan Saintis Islam Alat Bantu Mengajar (ABM) Sejarah dan TITAS. Gluar/2016/PBPI-CTED/100039.

PJP Top Down,PJP/2017/IPTK/S01521, UTeM Integrated Personality Profiling System (UTeM i-PRO), RM 88,900, 1 Feb 2017-31 January 2018. **Completed.**

PJP, PJP/2019/CRIM 3D/ S01686, Enhancement of Autism kits for spectrum disorders using visual Screening tools, RM 7000, 01/03/2019 – 28/02/2020.

External Grant GLUAR/ITC/2018/PBPI-CTED/G00057, The wizard khalifa tourist for the quadrauple helix benefits, RM 5000, 1 JULY 2018- 30 NOV 2018.

Cadangan Penyediaan Set Penilaian dan Program Pembangunan bakat Pelan Penggantian UTeM, Grant by AKEPT, RM25,200, 1 Mei 2020 – 31 Dez 2020

International Grant, 2020 Universiti Pendidikan Indonesia (UPI), Software untuk mendeteksi level dan sebagai media pembelajaran siswa Autis: Studi banding SLB Malaysia dan SLB Indonesia, RM 50, 230.32

SUBJECTS TAUGHT (Undergraduate)

- BITM1113 Multimedia System = 88 student (SEM 2-2002/2003)
- BITM2313 Human Computer Interaction = 88 student (SEM 1-2003/2004)
- DITU 3923 Project Diploma = 60 student (SEMI 1-2004/2005)
- BITM1113 Multimedia System = 61 student (SEM 1-2007/2008)
- BITM1113 Multimedia System = 23 student (SEM 2-2008/2009)
- BITM1113 Multimedia System = 45 student (SEM 2-2008/2009)
- BITM1113 Multimedia System = 70 student (SEM 1-2008/2009)
- BITU 3973 Projek Sarjana Muda = 186 student (SEM 2-2008/2009)
- BITM2313 Human Computer Interaction = 46 student (SEM 2-2009/2010)
- BITM 3113 Media Interactive Project Management= 45 student (SEM 1-2009/2010)
- DITM2113 Multimedia System = 61 student (SEM 1-2009/2010)
- DITS1113 Introduction to IT = 40 student (SEM 1-2010/2011)
- BITM 1113 Multimedia System = 65 student (SEM 2 – 2011/2012)
- BITM 2313 Human Computer Interaction – 60 student (SEM 2 2010/2011)
- BITM3113 Media Interactive Project Management = 67 student SEM 1 2011/2012)
- BITM3113 Media Interactive Project Management = 56 student (SEM 1-2010/2011)
- BITM 2313 Human Computer Interaction – 80 student (SEM 2 2014/2015)
- BITM 1113 Multimedia System = 27 student (SEM 1 – 2015/2016)
- BITM1113 Multimedia System = 45 student (SEM 1-2018/2019)

SUBJECTS TAUGHT (Postgraduate)

- MITP 5313 Current Trends of Database Technology - 24 students (SEMESTER 1, 2010/2011)
- MITP 5313 Current Trends of Database Technology- 9 students (SEMESTER 1, 2012/2013)
MPSW 5043 Research Methodology- 24 students (SEMESTER 1, 2012/2013)
- MITP 5313 Current Trends of Database Technology -13 students. (SEMESTER 2, 2012/2013)
MPSW 5043 Research Methodology- 26 students (SEMESTER 2, 2012/2013).
- MITP 5313 Current Trends of Database Technology – 12 students, SEMESTER 1, 2013/2014
- MITP 5313 Current Trends of Database Technology (offshore PUO, 26 students, SEM 1, 2013/14)
- MITP 5313 Current Trends of Database Technology, 12 students , SEMESTER 2, 2013/2014
- MPSW 5043 Research Methodology, 14 students, SEMESTER 2, 2013/2014
- MPSW 5043 Research Methodology – 14 students, SEMESTER 1, 2014/2015
- MPSW 5043 Research Methodology - 24 students, SEMESTER 2, 2014/2015
- MPSW 5043 Research Methodology - , 26 students, SEMESTER 1, 2015/2016
- MITM 5333 Multimedia Based Instructional Design – 3 students SEMESTER 2, 2016/2017
- MITM 5333 Multimedia Based Instructional Design – 6 students, SEMESTER 2, 2018/2019

- MITM 5413 Multimedia Professional Ethics – SEMESTER 1, 2019/2020
- MITM 5333 Multimedia Based Instructional Design – 4 students, SEMESTER 2, 2019/2020

SUPERVISOR OFFSHORE PROGRAM (Postgraduate)

- MITM 5333 – Multimedia Based Instructional Design Semester 2, 2017/2018 at Politeknik Ungku Omar, Ipoh Perak

PROJECT SUPERVISION: PhD and MSc by Research

PhD student (main supervisor):

1. Helmi Adly bin Mohd Noor (graduated 2016)
2. Sharifah Nadiyah Binti Razali (graduated 2016)
3. Che Ku Nuraini binti Che Ku Mohd (graduated 2016)
4. Hisham bin Md.Suhadi (Sem 6)- Berhenti pengajian atas masalah kesihatan
5. Zareena Rosli (sem 5)
6. Suriawati Suparjoh (sem 4)
7. Meylinda Maria (Sem 4)

MASTER: (main supervisor)

1. Nurhazirah binti Mohd Bakri (graduated 2012)
2. Wan Nurnadiah Wan Mohd Puzi (graduated 2010)
3. Che Ku Nuraini bt Che Ku Mohd. (graduated 2011)
4. Nur Sahidah Bashier (graduated 2016)
5. Zareena Rosli (graduated 2014)
6. Siti nur Syuhada Che Daud (sem 1 2017)

PhD: (Second supervisor)

- I. Hoo Chai Sing (sem 2)
- II. Fadzilah Salim (sem 1)

MASTER: (Second supervisor)

1. Rozie Ezrina binti Shuhimi (graduated 2014)
2. Nuraziera Mohd Hatta (graduated 2014)

Final Year Project Supervision – COMPLETED

1. Hidayatul Akmal Mohd Ghazali- 2D Animation Shirota
2. Nuzul Han Ghani- 2D Animation “Sesal”
3. Erman Emran - DIY Pemasangan komputer
4. Nur Afirah Binti Md Latif – Lets Learn Mathematics
5. Puteri Suriani binti Zafri Ali - CD Interactive Using Storytelling Technique For Autism Student
6. Nazihah bt Abdul Rahman - Mathematics Courseware For Autism Kids
7. Ahmad Kamal bin Norizan- Bijak bersama Kheri
8. Nur Fadiyah binti Yusof – Mobile Game Based Learning "IQRA" (Pusat Jagaan ummu Muntaz)
9. Nurul Atiqah bt Haris – Discover Human Eyes
10. Mohamad Al-Amin bin Roslan-mobile application for autism (Belajar mengenal huruf)
11. Nur'Ain Fadzil- mobile application for autism (Mari Membasuh tangan)

12. Muizzuddin Azizan - mobile application for autism (Mari menggosok gigi)
13. Muhammad Nazrul Azwan Bin Abdul Rashid - mobile application for autism (Number 0-9)
14. Nur Farah Liyana Salim (DIY Computer configuration)
15. Engku Nurul Athirah Engku Hasan Wardi- ebook Statistics
16. Aleena Balqis Azizan
17. Muhd Umarul Aslah bin Md Nasir
18. Nur Amalina Azlin Lasim – Education courseware for pre school
19. Nur Adilah Ghazali - Ibook on Green Awareness
20. Nor Anis Syazana Binti Zulkifli
21. Nur Ina Fazira bt Mazelan
22. Muhamad Amir bin A.Hasan
23. Wong Yik Chai
24. Ta Zhi Yang
25. Nurul Amiera Bt Jaafar
26. Kasturi bin Mohamad Noor
27. Arifah bt Abdul Talib
28. Hong Fu Seng
29. Muhammad Fariz Fildza Che Muhammad
30. Chin Jia Yi
31. Hamizah Mohd Mohadis
32. Nurul Nadiah bt Ishak
33. Nurul Syifa Hasbullah
34. Siti Nur Amira Mohamed Esa
35. Nor Asikin Johan
36. Huda Izzati Ahamad Muzafar

Final Year Project Evaluator - COMPLETED

1. Mohd Nazrien Zarani – 2D Animation H1NI Awareness Campaign
2. Rusyidah Shuaib – Online color Blind Screening Test
3. Vivian Goh Mew Cheoung – FTMK Virtual Tour
4. Poon Yen Mei – 3D animation on dental care for children
5. Nur Afiqah Abu Samah – Virtual FTMK
6. Nur Haidayu Kamaruzaman – Jojo si kura-kura 2D animation for Protanomaly (Red) color blind children
7. Norulakma Ya - 2D Animation short story (Lagenda Mahsuri)
8. Ng Tiong Lee - 3D animation - My Puppy
9. Low Ru Shi - 3D animation – Bulat and Panjang
10. New Eu Gene - 3D animation – Space- a new frontier
11. Norsyaheera Tajuddin - Elearning – autism
12. Nur Fazreen Faizal Tan – Learning solat Using Augmented Reality
13. Munirah Samsudin – Game based learning for Austistic Children to learn Basic Mathematic
14. Cybill Anak Pedrik
15. Nur Aishah
16. Syahir Abdullah
17. Wirda Amira
18. To Seow Cao
19. Amirul Azhar
20. Amira Syafiqah
21. Husna Izzatie

Bengkel II Project Supervision- COMPLETED

CD Title Promosi (Noorazam Shah Senin, Khairul Ashraf Muhamad, Aznur Anuar Ab.Aziz)

JICA CD Portal (Ayu Hasleza Abu Bakar, Nor Nazirawati @ Nur Izzati Anang, Suriani Mohd Bedu)

CD Interactive Persatuan Seni Silat Gayung Malaysia (Suwarni Termuji, Rozia Syazira, Hukiza Hussin)

Mini movie video- Saving Mother Nature (muhamad Fadzlan Taramiji, Asfarayani Mohd Zaki, Illiani ariffin, Amalina Mohd Sani, Siti Nur Sazana Mohd Ayob)

Hear Us Out (Wei Wen, Tze Yin, Safwan, Zul)

Short Movie: conteng (Muhammad Nazrul, Muizzuddin Azizan, Mohammad Al Amin Roslan, Nur'ain Fadzil)

Video: Batik- khazanah yang harus dipelihara (Lu May Ni, Nadiah Masri, Nur Izyani Mustafa, Engku Nurul Athirah Engku Hasan Wardi.

Video: Stay (Muhammad Faris Abdul Rafar, Nur Amalina Azlin Lasim, Abu Dzar Mohamad Safwan, Amir Hamzah Kamarul Bahrin)

Video: Regretted Love (Wong Yik Chai, Nur Ina Fazira bt Mazelan, NurFadilla bt Syafrizal Syah, Muhamad Amir bin A.Hasan & Mawardah bt Ismail). Bengkel II 2014/15

Bengkel I Project Supervision - COMPLETED

- 1.CD D'ARTZ Collection System
- 2.Diamond Portrait Management System
- 3.Hair Salon Management System
- 4.FTMK MMI Lab Management System
- 5.Nurul Ezati Hassan- Sistem Maklumat Kor Suksis UTEM
- 6.Cybill Anak Pedrik – Fiore Outlet Store Inventory System
- 7.Nor Adira Adnan – Mesra Printing System
- 8.Chua Wei Chon – B-Win Sport Shop System
- 9.Arifah Abdul Talib – Faculty Integrated Staff Management System
- 10.Amirul Fikri Azmi – Student Activity Management System
- 11.Ahmad Ammar Cat Hotel System

Bengkel I Project Evaluator - COMPLETED

- 1.Abdul Jabbar Bin Aseran – Tyre shop and car accessory
- 2.Jazira Jamil Din – Pizza Hut Management and Ordering System
- 3.Siti Norafika Anwar – FIKA Endurance Stable Information System
- 4.Saimah Baharudin- Utem Bicycle Rental system

Industrial Training Supervision

- 1.Nur Hazirah Bakri -2008

2. Almiza Osman – 2003
3. Ramija Assin – 2003
4. Gaithhri a/p R. Balakrishnan (BITS) -2010
5. Nur Farhana Bt Shabuddin (BITM) – 2010
6. Choo Wai Sun – 2010
7. Muhammad Imran bin Md Hatta (BITC) – 2010
8. Nor Fadilah Mokhtar (BITC) – 2010
9. Mohamad Nor Al Hafiz bin Adam (2015 BITC)
10. Muhammad Safwan bin Rosli (2015 BITS)
11. Mohd Syafee bin Mohd Isa (2015/16)
12. Adam Ridhwan bin Sukiman (2015/16)
13. Nur Amalina binti Ahmad (2015/16)
14. Rasyidi bin Hamzah (2015/16)

CHAIRPERSON FOR VIVA-VOCE PANEL EXAMINER : Master and PhD

Hanifah binti Abdul Hamid, PhD. FTMK, UTeM, Viva Mac 2018
 Nor Aiza bt Mokhtar, PhD. FTMK, UTeM, Viva September 2018

EXTERNAL EXAMINER: Master and PhD.

Mohd Fuad bin Mohamed Yusof, Master of Education, Fakulti Pendidikan, UTM, VIVA 10 Oct 2013.

Cheung Kian Kok, Master of Science. Assistive XForms Architecture for the blind, Faculty of Computer Science and IT, UNIMAS. Viva Oct 2013.

Nurtihah Mohamed Noor, "al-Adab: The development and evaluation of Islamic sex education (ISE) courseware prototype for encouraging sex education learning among parents", UUM College of Arts and Science, VIVA 9 January 2012.

Abdullah Omar Abdullah Bamatraf (Master of Information Technology), Fakulti Sains Komputer dan Teknologi Maklumat, UTHM, VIVA 16 Dezember 2011.

Ahnsanullah, Design and Development of Multi Touch Table Top Display for Evaluation of Physical Finger Input Properties, MSc in Information Technology, UTP, Perak, VIVA 17 October 2011.

Ahmad Sobri Hashim, Development and Usability of Mobile Learning Course Content Application, MSc in Information Technology, UTP, Perak, VIVA 18 Mac 2011.

Nor Hazwani Binti Nordin, Penyesuaian Pelbagai Budaya Dalam Reka bentuk Antaramuka Sistem Maklumat Geografi, Sarjana Teknologi Maklumat, UKM, Viva 25 July 2012.

Norziha Megat Mohd Zainuddin, PhD, UKM. Aplikasi Sains Mikroorganisma untuk pelajar bermasalah pendengaran (Pekak) berasaskan Pendekatan Realiti Luasan. Viva 24 April 2014.

Nur Faraha Bt Mohd Naim, Ijazah Sarjana, Sekolah Sains Informatik Labuan, Universiti Malaysia Sabah. Tajuk "Aesthetics and user interface for Value-Added E-Learning using Kansei Engineering Approach: College level Perspective.

Abdulsalam Kaed Ahmed Hamoud, PhD UTM. An exploratory model of student engagement in social networking in Higher education Institutions. Viva 25 Oct 2014.

Valarmathie a/o Gopalan, Master of Science (Multimedia Studies), UUM, Kedah, July 2015

External Examiner for promotion of Profesor Madya Gred DS 54 UTHM: Dr Rathiah binti Hashim

External Examiner for promotion of Profesor Madya Gred DS 54 di UTHM: Dr.Mohd Sazali bin Khalid

External Examiner for promotion of Prof Madya DS54 UKM:Dr Dalbir Singh A/L Valbir Singh, Nov 2013.

External Examiner for promotion of Prof Madya DS54 UUM:Dr Mazida Ahmad, Mei 2018.

Zirawani bt Baharum, , Doktor Falsafah (Sains Komputer), Fakulti Komputeran, UTM. The modelling of uncertainty Factors in Environmental Issues on Late Delivery for Piping Construction Industry.

Sychol Ghulam, Sarjana Sains Komputer (Teknologi Perisian), Model Permainan Pendidikan Berasaskan Antara Muka Pengguna Semula jadi, Fakulti Teknologi dan Sains Maklumat, UKM.

Zurida Ishak, Doktor Falsafah, Pembangunan dan Pengesahan Reka Bentuk Antara Muka Komputer Berasaskan Dimensi Budaya Masyarakat Malaysia, Fakulti Teknologi dan Sains Maklumat, UKM.

Hoo Meei Hao, Doktor Falsafah, Pendekatan sistematik Matlamat Kebolehgunaan Berarahan Dalam Reka bentuk dan Penilaian Antara Muka Sistem, Fakulti Teknologi dan Sains Maklumat, UKM.

Ruslan bin Mapeala, Doktor Falsafah, Keberkesanan Kaedah Pembelajaran Berasaskan Masalah Berbantuan Peta Pemikiran Terhadap Kemahiran Berfikir Kritis dan Motivasi Pembelajaran Sains, Fakulti Psikologi dan Pendidikan, UMS, Sabah.

Liew Tze Wei, PhD, Model reka bentuk gaya visual dan isyarat bukan lisan agen pedagogi berasas teori emosi dan beban kognitif, Fakulti Teknologi dan Sains Maklumat, UKM.

Nur Afiqah Abu Bakar, The study of AR and Virtual environmentin road safety education, UUM

Pajuzi Awang, PhD. Pembangunan dan Penilaian m-Kandungan bagi Penerapan Aspek Pentaksiran Kemahiran Berfikir Aras Tinggi (KBAT) Dalam Sains untuk Guru Pra Perkhidmatan, UKM 2018

Esraa, PhD, Mobile Augmented Reality for Hearing Impairment Museum Visitor,UUM, 2018.

Maimoona Salam, PhD, A new technology integration framework and integrated collaborative reflection model for service learning, UNIMAS, June 2019.

Anbuselvan Sangodiah, PhD, A generic feature extraction model for question classification using support vector machine., UTP, March 2019.

Lilian Wang Yee Kiaw (1141600044), PhD, Design And Evaluation Of Cloud Based Learning Framework, MMU, 7 Jan 2020.

WORKSHOP ATTENDED

Malaysia Technology Expo ITEX2010,anjuran Ministry of Science, Technology & Innovation and MINDS, 14-16 May 2010, KLCC.

K-Chart workshop: an Effective Tool for Research Planning and Management- 28 July 2010, FKE, UTeM.

Program “Pengurusan Penyelidikan” anjuran AKEPT dan Jabatan Pengajian Tinggi, 29-30 July 2010, Glenmarie, Shah Alam

Program Pembangunan Kepimpinan (KIT 2012) Zon Selatan, anjuran AKEPT dan KPT. 8-10 Jun 2012 di Cheringin Hills Conventions & Spa Resort, Janda Baik, Pahang.

”AKEPT Strategic Leadership Training for Young Academics”, 14-16 July 2012, anjuran KPT, AKEPT dan UMK.2013

Workshop Jaminan kualiti-Latihan kod amalan untuk Akreditasi (COPPA) dan Learning Outcomes, 28-30 Jun, Hotel Pearl International, KL.

e-Book workshop, 27 Mei 2013, organised by PPP, UTeM.

Training on Audit MyQuest 23 Mei 2013, organised by KPT.

Workshop Penulisan buku bersama DBP, 3 April 2013, organised by FTMK.

Participant program motivasi bulanan bertajuk ”Kecek Molek” (komunikasi berkesan), 21 Feb 2013. Organised by Pejabat Pendaftar UteM.

Participant for Executive Talk: Wasatiyyah Tunggak Binaan Ilmu dan Pendidikan, 3 April 2013, organised by PPP.

Workshop for UTeM’s National Loading Development on 2 – 4 Mac 2018 at Royal Chulan Hotel Seremban. Organised by TNCAA.

Briefing for Appriaser Panel of COPPA Instrument & MQF 2.0 on 14 Mac 2018, organised by Malaysian Qualifications Agency (MQA) at Hotel Armada Petaling Jaya Selangor.

Workshop of Heutagogy : The Art of Engaging The Digital Native on 22 Februari 2018, UKM Bangi.

Competency Based Talent Management System, organised by AKEPT – 2018/2019

Malaysia TVET professional Educator (MTPE) course, 6 – 9 August 2018

Hgh impact leadership for middle manager part II/2018. 17 April 2018

Open Source Leadership & Making Wise Decision, ICLIF/AKEPT, 26-27 Feb 2018

The Malaysia Leadership succession summit/post summit strategy masterclass, 6-7 Feb 2018

WORKSHOP ATTENDED 2019

Bil.	Kursus/Latihan	Tarikh
1.	WIGAREC 2019- ACQUIRING AND MANAGING INTERNATIONAL GRANT MODULE 1	19/08/2019 - 20/08/2019

2.	AKEPT TALENT MANAGEMENT FOR EXCELLENCE (TAME) SERIES 1/2019	09/01/2019 - 10/01/2019
3.	PERSIDANGAN ANTARABANGSA PENDIDIKAN KHAS	25/09/2019 - 27/09/2019
4.	PROGRAM CHANCELLORS TALK 2019 - YBHG. DATO' SERI IR. DR. ZAINI BIN UJANG	07/08/2019 - 07/08/2019
5.	PROGRAM CHANCELLORS TALK 2019 - YBHG. TAN SRI ABDUL WAHID OMAR	07/10/2019 - 07/10/2019
6.	BENGGEL HALA TUJU UNIVERSITI 2021 - 2030	03/10/2019 - 04/10/2019
7.	KARNIVAL UTEMEX 2019 - HOW DO I KNOW IF MY INVENTION IS PATENTABLE?	10/10/2019 - 10/10/2019
8.	PROGRAM CONTINUAL QUALITY IMPROVEMENT DISCOURSE (CQID) 2019	11/11/2019 - 11/11/2019
9.	BENGGEL PENILAIAN RG C-TED	14/02/2019 - 14/02/2019
10.	MAJLIS DISKUSI BERSAMA PROFESOR ULUNG Y.BHG PROFESOR DATUK DR. HARITH BIN AHMAD	18/07/2019 - 18/07/2019
11.	MAJLIS SYARAHAN UMUM PELANTIKAN PROFESOR BIL. 2/2019	26/07/2019 - 26/07/2019
12.	PANEL MAJLIS ANUGERAH AKADEMIK UNIVERSITI 2018	18/04/2019 - 18/04/2019
13.	EDITOR JURNAL TERBITAN KHAS UTHM	10/02/2019 - 31/12/2019
14.	LARIAN AKADEMIA UTEM 2019	05/10/2019 - 05/10/2019

COMMITTEE/POST

National Level:

- Technical Committee 2u2i, 1 Mac 2018 – 1 Mac 2020, Department of Higher Education, Ministry of Higher Education Malaysia
- Magnetic Members, 2017- 2019, Department of Higher Education, Ministry of Higher Education Malaysia
- Research member for Malaysian Soft Skills Scale (My3S) Department of Higher Education, Ministry of Higher Education Malaysia.

Universiti Level:

- Technical committee for 4th Information Technology Symposium, (ITSim) 15-17 Jun 2010 organised by UTP and IEEE Seksyen Malaysia.
- Committee members for Sub-module Kursus Penilaian Tahap Kecekapan (PTK4 University Lecturer- 13-15 Mac 2009.

- Committee members for IPTA 2003 Research and Development Exhibition.
- Committee members for *Pelupusan Aset* Oct 2014
- Committee members for *Pemeriksaan Prestasi Akademik Pelajar*
- Panel for *Pembangunan Sahsiah Pelajar* UTeM 21 April 2015- 21 April 2017
- Committee members for *Pemantauan MOA & MOU* Universiti Teknikal Malaysia Melaka.
- Research Group Leader for “Innovation and Sustainability in Technical Education (ISTE) starting 1 Jun 2015.
- Committee members for MUET University level 2015
- Committee members for CPD SCHEME J-Faculty 1 Jan 2016-31 Dez 2018
- Technical Panel Members University Award e-learning category (AAU 2015)
- Head of Research Group “Innovative And Sustainable Technical Education (ISTE) 1 Jun 2016- 31 Mei 2018.
- Committee members for UTeM Postgraduate Programme Accreditation Auditor 1 Mac 2017 - 28 Feb 2019
- Assessor panel for PRGS 2017 application.
- Committee for University Income Generation team
- Panel Appraiser for KPT Grant (IPT Level) 2018
- Committee members for UTeM Succession Plan since 8 Mac 2018
- Academician Member for Committee of Sultan Idris Education University Academic Curriculum Revision : Sarjana Muda Pendidikan (Multimedia) dengan Kejuruteraan, Faculty of Arts, Computerising and Creative Industry (2018)
- Joint Secretary of Appraiser Panel for University Academic Award 2017, 2018
- Chairman of Appraiser Technical Panel for University Academic Award 2017, 2018, 2019
- Member of Senat, UTeM; 1 Januari 2018 – 31 Disember 2020
- Head of Research Group “Innovative And Sustainable Technical Education (ISTE) 1 Jun 2018- 31 Mei 2020
- Committee member for Succession Plan Talent Development, UTeM
- Assessor Panel Academic award for Postgraduate UTeM- Category Cancellor and Pro Cancellor award.

Faculty Level:

- Committee members for *Pemantapan Kurikulum Program Diploma* FTMK, UTeM
- Committee members for *Pemurnian Buku Panduan Versi Bahasa Inggeris*, FTMK.
- Committee members for Prosiding Konvensyen Melaka Pusat Kecemerlangan
- Head of Faculty Committee members for PSM/PD FTMK 1 Dis 2008-1 Dis 2010
- Committee members for FTMK Staff Club 2009/2010
- Committee members for *Pelaksana Pembentukan modul Pengajaran dan Pembelajaran (P&P)*.
- Committee members for *Fail Meja*
- Committee members for *Program Baru Jabatan Media Interaktif* FTMK
- Committee members for Academic FTMK, UTeM- 1 Dis 2008-1 Dis 2010
- Committee members for *Infrastruktur* FTMK, UTEM-1 Dis 2008-1 Dis 2010
- Committee members for Poster Competition FTMK Ogos 2008
- Committee members for *Teknik Kamera Video* organised by FINAS & Media Interaktif, FTMK
- Committee members for *Bengkel Pemurnian Perancangan Mengajar* FTMK
- Coordinator for Industrial Training FTMK-2003/4
- Committee members for Bengkel II FTMK – 2003/2004
- Committee members for *bengkel Pencapaian Sasaran Kerja Tahunan* PSM/PD SKT 2009 & *Pelan Strategik* PSM/PD 2010, FTMK, 23 Dez 2009.
- Committee members for *Bengkel Pemurnian Rancangan Mengajar mengikut LOKI*, 10 July 2009.
- Committee members for Bengkel Akreditasi Program BITI, FTMK. Di FTMK, pada 18-20 Ogos 2009.
- Committee members for MSC Status FTMK
- Committee members for *Program Wacana Media Interaktif* 2009
- Committee members for Program Wacana Media Interaktif 2010
- Committee members for Eksekutif Khas FTMK KUTKM 2003
- Chairperson for Majlis Profesor Fakulti (MPF), 15 Jun 2013-14 Jun 2014.
- Committee members for *Penyeliaan Pengajaran dan Pembelajaran (P&P)*, FTMK, 2013
- Committee members for Program Pembangunan Kempimpinan UTeM (ULDP)-Personalised Learning Environment, 3 Oct 2012
- Technical committee International Postgraduate Conference on Business and Management 2015
- Committee members for *Majlis Pemikir* FTMK
- Facilitator Program STEM CAMP MRSM & SBP 2015
- Panel Appriaser for promotion of FTMK Academic Staff – Professor (VK7) Special Gred C, 2018

ACHIEVEMENT

Anugerah Jasa Bakti (20 Years Services) 2018, UTeM

JOURNAL AND PROCEEDING REVIEWER

Reviewer for International Jurnal

http://www.ifets.info/ets_journal/admin/login.php

- I. Learning with e-lectures - The meaning of learning strategies and design principles.
- II. A Physics Lesson Designed According To 7E Model

- III. Engaging students in multimedia-mediated Constructivist learning – Students' perceptions
- IV. Eye-Tracking Learners' Information Processing Activities on Different Multimedia Presentations
- V. Promoting sixth graders number sense and learning attitudes via technology-based environment
- VI. Visual aids and iconicity in internet based university entrance examination
- VII. Student's attitudes toward using Web Problem Based Learning System

Reviewer for International Conference <http://www.cita09.org>

- I. Peer assessment in Problem Based Learning online
- II. Development of knowledge management system for final year project course by applying Connectivism
- III. Public Spaces: Virtual Environment Visualisation (VEV) in Museum.
- IV. The application of UTAUT Model towards the adoption of Computer Graphics technology Bachelors students of Faculty of Industrial Information Technology (FIIT) at University Industri Selangor.
- V. Re-examining Electronic Commerce Adoption among Bruneian SMEs

Reviewer for International Conference on Teaching and Learning <http://ictl.intimal.edu.my>

- I. Challenging the traditional: a new approach to the teaching and learning style of English language support.
- II. Dolphin: Bridging the Gap between Mathematics and Finance.
- III. Enhancing English proficiency among UNIMAP Foreign students through the use of computer-aided instruction.
- IV. Effects of guided self-reflection on students with ESL Learning difficulties.
- V. Digital age learning: improving student engagement by adopting innovative pedagogies and authentic assessment

Reviewer for 4th International Symposium on IT 2010 (ITSim'10)

<http://www.itsim.org/index.html>

- I. Design and Development of Online Interface Evaluation System (e-RUE) as a web based evaluation tool
- II. A Semantic Recommendation System for E-Learning (A Rule and Ontology Based E-learning Recommendation System)
- III. Mobile-Based Interactive Learning Using Handwriting Recognition

Reviewer for International Conference on Teaching and Learning 2011(ICTL 2011)

<http://ictl.intimal.edu.my>

- I. The study of non-use causes and obstacles of elearning at Islamic Azad University Bandargaz Branch and presenting practical model

Reviewer for 2nd International Visual Informatics Conference (IVIC'11)

<http://www.ivic.org.my/>

- I. Development of Simulation for Laparoscopy Surgery with Haptic Element for Medical Students in HUKM: A Preliminary Analysis
- II. Role of Virtual Environment Technology on Autism Children
- III. Visual Learning Through AR Storybook for Remedial Student EduTism: An Assistive Educational System for the Treatment of Autism Children with Intelligent Approach
- IV. Design and Development of Road Safety Education for Pre-School and Primary School Students
- V. Developing Conceptual Model of Virtual Museum environment based on User Interaction Issues

Reviewer for 1st National Conference on Active Learning (NCAL2011)

<http://ncal.utm.edu.my/index.html>

- I. Exploring level of student's generated questions through a PBL approach
- II. Pembinaan konsep matematik secara konseptual menggunakan kaedah PBL elektronik
- III. The study of 3D simulation usage in teaching and learning process

Reviewer for 3rd International Visual Informatics Conference 2013

<http://www.ukm.my/confukm/index.php/IVIC/IVIC13/index>

- I. Engender Trust through Emotion for Designing Persuasive Application.
- II. A Conceptual Model of Malaysian Animation Folktales for Children (MAFC)
- III. Children's Technology: How Do Children Want It?
- IV. User Expectation of the Location Web Objects: Case study for ASEAN country
- V. Blind User and Facebook
- VI. A Comparative Study Of 'Human Computer Interaction' Influence to Home Network Management

Reviewer Human Centric Computing and Information Sciences ISSN 2192-1962

<http://www.hcis-journal.com/>

Reviewer for Malaysian Technical Universities Conference on Engineering and Technology or MUCET

<http://mucet2014.utm.edu.my/>

- I. Mobile Dyslexia screening test: A new approach through Multiple Deficit Model Mobile game to screen developmental Dyslexia children.

Reviewer for World Congress ICT <http://www.mirlabs.org/wict14/>

- I. Towards An Event-Based Tracking System for Mobile Users
- II. A Preliminary Review of Interface Design Elements for Mobile Electronic Government Systems
- III. Analysis Performance on Contention-Based Mac Protocols in MANETS
- IV. Towards a Development of Essential Knowledge Transfer Process Model in the Flood Management domain
- V. Robust stability of discrete-time hybrid stochastic systems
- VI. A study on changes of supervision model in universities and fostering creative Ph.D. students in China
- VII. The Effectiveness of 3D Approach in Development of 3D-Atomic Cubic Courseware
- VIII. Finding the Effectiveness of Software Team Members Using Decision Tree
- IX. The Impact of Knowledge Management in Pair Programming on Program Quality
- X. Bridging creativity and group by elements of PBL
- XI. Assessing usability and fun problems in MyCard (Malay automated speech recognition for Articulation Training)
- XII. AusTalk- The Australian speech database: Design framework, recording experience and localization
- XIII. Automatic generation of Fill-in clues and answers for raw texts for crosswords

Reviewer International Symposium on Mathematical Sciences and Computing Research
<http://perak.uitm.edu.my/ismsc/2015/>

- I. HCI on Enterprise Information System of Internet banking: a case study in Bank Simpanan Nasional
- II. HCI: User Experience: user experience frameworks: Factors influencing user experience

Reviewer for International Conference www. Cita15.

- III. A SNS-Integrated Collaborative Learning System to Support Programming Language Learning
- IV. Mobile Arabic Learning for Level 1 Primary School
- V. Titas Self- Learning Portal
- VI. A Method of Measuring The Course Learning Outcome Achievement

Reviewer for International Conference <http://iic2015.utm.edu.my>

- I. A novel multimedia interactive application to support road safety education among primary school children in malaysia
- II. Usability evaluation of virtual umrah based on user centered design from expert user view.

Reviewer for Malaysian Technical Universities Conference on Engineering and Technology or MUCET 2015
<http://ocs.mucet.net/index.php/mucet2015/mucet2015/reviewer/submission/669>

- I. A Framework for Effective utilisation of Modern Instructional Technology in Teaching Agricultural Education

Speakers /Assessor

- Speaker for *Pengukuhan Literasi IT dan Laman Web bagi staf kumpulan Pengurusan & Professional serta staf kumpulan Sokongan 1 - 18-19 Mei 2004*
- Speaker *Seminar Projek Sarjana Muda (PSM) dan Taklimat PD* FTMK Januari 2009
- Fasilitator program "Diploma ICT Outreach" FTMK, UTEM.
- Fasilitator *Minggu Haluan Siswa* sesi 2008/2009

- Presenter *Bengkel Pemantapan PSM/PD* FTMK- 2009
- Chairman PSM Showcase “A” project – 25Februari 2009
- Internal Assessor for *Seminar Penyelidikan Pasca Siswazah (Multimedia dan Elearning)* FTMK, UTeM semester 2/2009/2010 – 21 Mei 2009
- Internal Assessor for *Seminar Pasca Siswazah FTMK Semester 1 sesi 2009/2010 (Multimedia & e-learning)*, 13 Nov 2009
- Internal Assessor for *Seminar Penyelidikan Pasca Siswazah* FTMK, UTeM siri 1/2008 – 23 Oktober 2008
- Assessor panel for Bengkel 2 Exhibition FTMK Semester 1 Sesi 2007/ 2008
- Researcher for ASISS System (eLearning product from Laser Profile Sdn.Bhd)
- Presenter for Industrial Training Committe at FTMK Quality Assurance workshop
- Final exam Invigilator sem II Session 2008/2009
- Speaker for Seminar *Projek Sarjana Muda* (PSM) 2008
- Presenter for SKT and AJK PSM/PD FTMK
- Chaiman for FTMK Career Day 2004
- Presenter for UTeMEX (Melaka Education Carnival 2010) organised by Melaka Education Department 4-7 Mac 2010
- Members of Malaysian Invention and Design Society (MINDS)
- Auditor for system *Pengukuran Kualiti dan Kesetaraan Kolej Swasta* (MyQUEST), Kementerian Pengajian Tinggi Malaysia.
- Speaker for course KAP No. 1/2013 (Serial 1): *Penilaian Amalan Instruksional-Penyeliaaan P&P di kalangan pensyarah*, 25 Jun 2013, PPP.
- Assessor for FTMK staf Promotion Gred DS 52 and DS 54 (2013)
- Assessor for FTMK *Anugerah Akademik Universiti* (2012).
- Assessor for Research Methodology proposal presentation serial 1/2013
- Task Force for UTeM Leadership Development Programme (ULDLP) – Personalised Learning Environment
- Speaker for course KAP No 1/2015 (Serial 3): *Student Centred Learning*, 14 July 2015, PPP
- Assessor for FTMK staf Promotion Gred DS 52 and DS 54 (2015)
- Assessor for *Anugerah Akademik Universiti* FPTT (2014)
- Assessor panel for National Research Grant (2015)
- A research team member for Malaysia Education Ministry’s project namely “ *Kajian Penerapan Elemen Kompetensi ICT Pelajar Institusi Pengajian Tinggi dalam Instrumen My3S Kementerian Pengajian Tinggi Malaysia.*
- Mentor for Business Model Innovation bersama Badan Amal/NGO progam Expo Melaka-UTeM Young Entrepreneurial Inventors 2015: EYEI 2015
- Memenangi pingat Perak dalam International Research Conference and Innovation Exhibition, 19-20 Oct 2016
- Speaker for AKEPT Problem Based Learning Module
- Speaker for Kolej Universiti Islam Melaka (KUIM) Problem Based Learning training.
- Assessor Panel For Research Proposal Defence, IPTK UTeM (2018)
- Speaker for Kursus Wajib DS51/52, organised by PPP 2018
- Reviewer panel – book chapter International conference on Learning Improvement and Teaching Enhancement (LITEC), Universiti Malaya, April 2019.
- Panel speaker for forum Paradigm shift: Gearing from Educators 4.0 Towards Cultivating 5.0 Educators, Univ Malaysia Kelantan, 4 Mac 2019
- Speaker for Kursus Wajib DS 51/52 title – *Kecemerlangan Pengajaran dan Pembelajaran*
- Assessor panel for Lembaga Teknologis Malaysia (MBOT)
- Editor Journal of Technical Education and Training, UTHM
- Panelist Empowerment Through Mentorship Forum. UTM, 26 Feb 2019
- Assessor for curriculum review academic Program Sarjana Muda Pendidikan (Multimedia) hons, Fakulti Seni, Komputeran dan Industri Kreatif, UPSI, Mac 2018

- Assessor book chapter Research book- Data Engineering and Information Security Series 2, UTHM, October 2018
- Program Assessor for Bachelor in Information Technology (Hons), UTP 2018
- External Assessor for UUM staf Promotion Gred DS 54 Associate Professor – candidate Dr Mazida Ahmad, 2018
- External Assessor for UUM staf Promotion Gred DS 54 Associate Professor – candidate Dr Mazni Omar, 2019
- Speaker Program Mentor-Mentee Celik STEM-UteM- Strengthening HOTs in STEM Through PBL Enrichment at School, 2-4 Oct 2018.
- External Assessor for UUM staf Promotion Gred DS 54 Associate Professor – candidate Dr Rohaida Romli, 2019
- Speaker for AKEPT Round table Discussion 2018: Getting Reak Making Wise Decision, 5 July 2018.
- Jury for New academia learning innovation, NALI 2018, UTM.
- Speaker Kursus Wajib DS53/54 title –Academic Leadership, 9 Oct 2019
- Speaker Amalan Terbaik Pengurusan Bakat di Universiti, UMK, 8 Oct 2019
- Assessor Bachelor of Education (Multimedia) UPSI
- External Examiner for Bachelor of Multimedia Computing, UNIMAS. 2020
- Speaker for Talent management For Excellence Series- TaME Series 2020 organised by AKEPT and Universiti Malaysia Pahang.

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Hak Cipta : Autism Kits LY2017003711

Hak Cipta : Vi-per Games LY2015000975

Hak Cipta : Online Project Based Collaborative Learning Prototype LY2018001953

Trademark : AutiKits (in process)

Sport & Hobbies

- Represent UTeM for 29th IPTA Sport staff at UKM Bangi- bowling tournament, 18-24 April 2004
- Represent UTeM for IPTA Sport staff at UNIMAS sarawak- bowling tournament, Jun 2008
- Represent FTMK for interdepartment bowling tournament ,won double and trio, 27 Feb 2010
- Represent UTeM for IPTA Sport staff at USM Penang- bowling tournament Jun 2010
- Represent UTeM for Bowling tournament (Vice Cansellor Medal) at USM Penang- 27-29 Jan 2012
- Represent UTeM for IPTA Sport staff at USM Penang- bowling tournament Ogos 2016

Signature

:



Name

:

Professor Ts. Dr.Faaizah bt Shahbodin

Faculty/Centre/Institut

:

Faculty of ICT, UTeM/ CAES UTeM

Date

:

26 June 2020