

CURRICULUM VITAE



DR. AMALINA FARHI AHMAD FADZLAH (PhD)

Department of Computer Science
Faculty of Defence Science and Technology
National Defence University of Malaysia
Wilayah Persekutuan Kuala Lumpur
MALAYSIA

Contact No.: 013 – 354 1111
Email: dramalinafarhi@gmail.com

SUMMARY STATEMENT

Amalina F. A. Fadzlah is currently a Senior Lecturer at the Department of Computer Science, Faculty of Defence Science and Technology, National Defence University of Malaysia. She has fourteen years of extensive experience in teaching and mentoring undergraduate and postgraduate students at public and private higher education institutions and twelve years of comprehensive experience in research and development specifically on handheld – based software application systems with interest on the field of Software Engineering, specializing on software quality, software certification, software usability, software management and human computer interaction.

ACADEMIC QUALIFICATIONS

Tertiary Level

Doctor of Philosophy (PhD) in Computer Science with specialization in Software Engineering, Software Quality and Certification
Universiti Kebangsaan Malaysia (UKMalaysia), Bangi, Selangor (7th August 2010)
* Government – sponsored Scholarship Award

Master of Science (MSc) in Information Technology with specialization in Information Technology Management
Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (14th September 2002)
* Government – sponsored Scholarship Award

Bachelor of Information Technology (BIT) with Honors with specialization in Computer System and Computer Network
Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (29th August 1998)
* Government – sponsored Scholarship Award

Malaysian Certificate of Matriculation
Matriculation Centre, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1993 - 1998)

Secondary Level

Malaysian Certificate of Education (SPM)
Sekolah Menengah Seri Gombak, Gombak, Selangor (1991 – 1992)

Malaysian Lower Certificate of Education (SRP)
Sekolah Menengah Kebangsaan Seri Gombak, Gombak, Selangor (1988 – 1991)

Primary Level

Malaysian Certificate of Standard Five Evaluation Test (PPDL)
Sekolah Rendah Kebangsaan Gombak Satu (1), Gombak, Selangor (1982 – 1987)

PROFESSIONAL QUALIFICATIONS

Training

Certificate of Strategic Leadership Programme : Strategic Leaders of Tomorrow
Centre for Leadership and Professional Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan (27th January 2014 – 30th Januari 2014)

Certificate of Master Trainer for Training of Trainers (ToT) Workshop: Using Learning Management System (LMS) via Web 2.0 Tools
Center for Academic Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan (11th November 2013)

Certificate of Master Trainer for Training of Trainers (ToT) Workshop: Using Learning Management System (LMS)

Center for Academic Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan (22nd July 2013)

Certificate of Master Trainer for E-Learning Content Development Training of Trainers (ToT) Workshop: Using Learning Content Development System (LCDS) Basic Level

Center for Academic Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan (8th February 2013)

Teaching

Certificate of Teaching in Higher Education Institution

University Teaching and Learning Centre, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (23rd October 2003)

Certificate of Teaching Enhancement

University Teaching and Learning Centre, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (13th July 2002)

Certificate of Teaching in Private Higher Education Institution

Private Higher Education Department, Ministry of Education (KPM), Malaysia (1st March 1999)

Others

Certificate of General Induction

Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (26th April 2003)

Certificate of Converting Research Reports to World Class Article & Sharpening Research Skills

Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (23rd March 2003)

WORKING EXPERIENCES

Full – time

Senior Lecturer, Department of Computer Science, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan (2nd February 2012 – Present)

Lecturer, Department of Applied Science, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (26th February 2002 – 1st February 2012)

Tutor, Department of Computer System and Computer Network, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st November 1999 – 25th February 2002)

Lecturer, Department of Information Technology, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan (1st August 1998 – 31st October 1999)

Part – time

Academic Consultant and Advisor, Academic Excellence and Management Unit, PTSG Consultant, Kuala Lumpur, Wilayah Persekutuan (15th May 2010 – 31st December 2010)

Facilitator, Secondary Education Unit, Pusat Tuisyen Saujana Gemilang, Kuala Lumpur, Wilayah Persekutuan (1st January 2005 – 31st December 2010)

HONORS, AWARDS & APPRECIATIONS

Awards

Best Paper Award for paper entitled Identifying Measures for Assessing the Readiness of Handheld Application Usage in 6th International Conference on Computer Engineering and Technology (ICCET2014) Seoul, Korea (10th April 2014 – 11th April 2014).

Silver Medal for product QR Tag Scanner in International Engineering Invention & Innovation Exhibition (i-INVEX'2014), Universiti Malaysia Perlis (UniMAP), Malaysia (11th April 2014 – 13th April 2014)

Bronze Medal for product Warning System Based on Movement Detection in International Engineering Invention & Innovation Exhibition (i-INVEX'2014), Universiti Malaysia Perlis (UniMAP), Malaysia (11th April 2014 – 13th April 2014)

Silver Medal for product Warning System Based on Movement Detection in International Exposition Research & Innovation in Education (Edu-InERI'2013), Universiti Perguruan Sultan Idris (UPSI), Malaysia (20th Sept 2013 – 22nd Sept 2013)

Government – sponsored Doctor of Philosophy (PhD) in Computer Science Scholarship Award, Public Service Department (JPA), Malaysia (1st November 2004 – 31st May 2007)

University – sponsored Visiting Doctor of Philosophy (PhD) Scholarship Award, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st January 2006 – 15th March 2006)

Government – sponsored Master of Science (MSc) in Information Technology Scholarship Award, Public Service Department (JPA), Malaysia (1st November 2004 – 31st May 2007)

Government – sponsored Bachelor of Information Technology (BIT) Scholarship Award, Public Service Department (JPA), Malaysia (1st July 1995 – 15th July 1998)

APPOINTMENTS

International

Panel Fellow, ITU-UUM Asia Pacific Centre of Excellence (ITU-UUM ASP CoE) for Rural ICT Development, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st July 2011 – 31st December 2011)

Visiting PhD Scholar, School of Computer Science and Information Technology, University of Nottingham, Nottingham, United Kingdom (1st January 2006 – 15th March 2006)

* Universiti Utara Malaysia (UUMalaysia) – sponsored Scholarship Award

National

E-Learning Coordinator, E-Learning Teaching and Learning Technology Unit, Centre for Academic Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Malaysia (1st August 2012 – 31st July 2014)

Deputy Chief, Critical Agenda Project for Institution Program Management Office, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (1st April 2012 – 31st March 2014)

College Trainer, Problem Based Learning (PBL)/Project-oriented Problem Based Learning (POPBL), College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st July 2011 – 30th June 2012)

Fellow (Continuation of Service), Yayasan AI – Bukhary Residential College, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st January 2004 – 30th June 2004)

Fellow, Yayasan AI – Bukhary Residential College, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st January 2003 – 31st December 2003)

Associate Fellow, EON Residential College, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st January 2003 – 31st December 2003)

Fellow, Aseania 1 Residential College, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st May 2002 – 31st December 2002)

Mentor, Mentor – Mantee Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st January 2003 – 30th June 2004)

PUBLICATIONS

Thesis

Fadzlah A. F. A. 2010. An Empirical Approach to the Development of a Model for Measuring the Usability of Handheld Applications. PhD Thesis. Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah, Malaysia.

Fadzlah A. F. A. 2002. System Administration and Development in Teaching: A Case Study of Student Admission System. Ms Thesis. Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah, Malaysia.

Journal Articles

Fadzlah A. F. A. *In review.* Usability and Readiness Measurement Model for Handheld Applications: An Empirical Approach Development. *The International Journal of Technology, Knowledge and Society.*

Fadzlah A. F. A. *In review.* An Empirical Approach Development of a Handheld Application Usability Evaluation Technique: The Readiness Measurement Model. *Journal of Engineering and Applied Sciences.*

Fadzlah A. F. A. *In review.* Readiness Measurement Model: An Empirical Approach Model for Quantifying and Evaluating Handheld Application Usability. *Human Computer Interactions.*

Fadzlah A. F. A. 2014. Accurateness Measurement Model: A Mathematical Approach for Measuring the Accuracy of Handheld Application Usage. *ZULFAQAR International Journal of Defence Science, Engineering & Technology* 1(1),. UPNM Publication Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan.

Fadzlah A. F. A. 2014. Identifying Measures for Assessing the Readiness of Handheld Application Usage. *Lecture Notes on Software Engineering* 2(3), pp. 256-261. International Association of Computer Science and Information Technology Press (IACSIT Press). ISSN: 2301-3559

Fadzlah A. F. A. 2013. Stableness Measurement Model: A Mathematical Approach for Measuring the Stability of Handheld Application Usage. *International Journal of Software Engineering and Application* 4(5), pp. 49-61. Academy and Industry Research Collaboration Center (AIRCC). ISSN: 0975-9018.

Fadzlah A. F. A. 2012. Measuring the Usability of Software Applications: Metrics for Accurateness. *Procedia Journal of Technology.* Elsevier.

Fadzlah A. F. A. 2012. Timeliness Measurement Model: A Mathematical Approach for Measuring the Timeliness of Handheld Application Usage. *International Journal of New Computer Architectures and Their Applications* 2(3), pp. 432-451. The Society of Digital Information and Wireless Communications. ISSN: 2220-9085

Fadzlah A. F. A. and Deraman A. 2007. Measuring the Usability of Software Applications: Metrics for Behaviorness. *Lecture Notes in Computer Science* 4706(2), pp. 448 – 454. Springer, Berlin. ISBN 978–3–540–74475–7

Academic Books

Introduction to C++ Programming. UPNM Publication Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan. (*on-going*)

Asas Multimedia. UUM Press, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah. (*on-going*)

Discrete Structures. UUM Press, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah. (*on-going*)

Modules

Content Development System (LCDS) Module – Part 1, UPNM Publication Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan. (*on-going*)

WebCube Learning Management System (LMS) Module, UPNM Publication Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan. (*on-going*)

Monographs

A Mathematical Model for Measuring the Usability of Handheld Applications. UUM Press, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah. (*on-going*)

Conference Proceedings

Fadzlah A. F. A. (*in progress*). Identification of Quantitative Measures for Assessing Handheld Application Usage Effectiveness/Efficiency. Proceedings of the ...

Fadzlah A. F. A. (*in progress*). An Empirical Investigation of Objective Measures in Assessing Handheld Application Usage Effectiveness/Efficiency. Proceedings of the ...

Fadzlah A. F. A. (*in progress*). Development of an Effectiveness/Efficiency Measurement Model in Assessing Handheld Application Usage. Proceedings of the ...

Fadzlah A. F. A. (*in progress*). Towards a Mathematical-based Evaluation Technique in Assessing the Effectiveness/Efficiency of Handheld Application Usage. Proceedings of the ...

Fadzlah A. F. A. (*in progress*). A general scheme algorithm for Assessing Handheld Application Usage Effectiveness/Efficiency. Proceedings of the ...

Fadzlah A. F. A. (*in progress*). Application of Mathematical-based Effectiveness/Efficiency Measurement Model in Assessing Handheld Application Usage. Proceedings of the ...

Fadzlah A. F. A. (*in review*). Mathematical-based Evaluation Technique for Assessing Handheld Application Usage Readiness. Proceedings of the 2nd International Conference on Computer, Communication and Control Technology (I4CT2015), Kuching, Malaysia.

Fadzlah A. F. A. (*in review*). Readiness Measurement Model (RMM): Mathematical-based Evaluation Technique for Assessing the Readiness of Handheld Application Usage. Proceedings of the 2nd International Conference on Mobile Software Engineering and Systems (MOBILESoft2015), Florence, Italy.

Fadzlah A. F. A. 2014. Identifying Measures for Assessing the Readiness of Handheld Application Usage. Proceedings of the 6th International Conference on Computer Engineering and Technology (ICCET2014). Seoul, Korea.

Fadzlah A. F. A. 2013. Metrics and Attributes for Assessing the Stability of Handheld Application Usage. Proceedings of the Information Systems International Conference (ISICO'2013). Bali, Indonesia.

Fadzlah A. F. A. 2013. Development of Mobile Intelligent Application System for Calculating Golf Tournament Scores using Fuzzy Logic Method. Proceeding of the International Conference on Artificial Intelligence and Computer Science (AICS2013). Langkawi, Malaysia.

Fadzlah A. F. A. 2012. A Mathematical Model for Measuring the Timeliness of Handheld Application Usage. Proceedings of the International Conference on Informatics & Applications (ICIA'2012). Terengganu, Malaysia.

Fadzlah A. F. A. 2011. An Initial Mathematical Model for Quantifying the Accuracy of Handheld Application Usage. Proceedings of the International Conference on Computer and Software Modeling (ICCSM'2011), Singapore.

Fadzlah A. F. A. 2011. Investigating Timeliness Measures: Towards Measuring Handheld Application Usage. Proceedings of the International Conference on Intelligent Network and Computing (ICINC'2011), Bangkok, Thailand.

Fadzlah A. F. A. 2011. A Preliminary Model for Measuring the Accuracy of Handheld Application Usage. Proceedings of the 3rd International Conference on Information and Multimedia Technology (ICIMT 2011), Dubai, UAE.

Fadzlah A. F. A. and Deraman A. 2007. Measuring the Usability of Software Applications: Metrics for Accurateness. Proceedings of the International Conference on Electrical Engineering and Informatics 2009 (ICEEI'07), Bandung, Indonesia.

Fadzlah A. F. A. and Deraman A. 2007. Measuring the Usability of Software Applications: Metrics for Achieveness. Proceedings of the First International Malaysian Educational Technology Convention 2007 (IMETC'07), Johor, Malaysia.

Fadzlah A. F. A. and Deraman A. 2007. Measuring the Usability of Software Applications: Metrics for Behaviorness. Proceedings of the International Conference on Computational Science and Its Applications (ICCSA'07), Kuala Lumpur, Malaysia.

Fadzlah A. F. A. and Deraman A. 2006. Review of Current Studies in Measuring Usability – Part I. Proceedings of the 2nd International Information, Communication Technology Seminar (ICTS'06), Surabaya, Indonesia.

Fadzlah A. F. A. and Deraman A. 2006. Review of Current Studies in Measuring Usability – Part II. Proceedings of the 2nd Malaysian Software Engineering Conference (MySEC'06), Kuala Lumpur, Malaysia.

Fadzlah A. F. A. and Deraman A. 2006. Review of Current Studies in Measuring Usability – Part III. Proceedings of the International Conference on Science and Technology: Application in Industry and Education (ICSTIE'06), Penang, Malaysia.

Fadzlah A. F. A. and Deraman A. 2006. Review of Current Studies in Measuring Usability – Part IV. Proceedings of the Computer Science, Mathematics Symposium (CSMS'06), Terengganu, Malaysia.

Fadzlah A. F. A. and Deraman A. 2005. Towards the Development of a Handheld Computing Software Usability Metrics Model: An Initial Finding on the Needs of Developing Handheld Computing Software Usability Metrics Model. Proceedings of the International Conference on Intelligent Systems (ICIS'05). Kuala Lumpur, Malaysia.

Others

A. Deraman, J. H. Yahaya, F. Baharom, A. F.A. Fadzlah and A. R. Hamdan. 2007. Continuous Quality Improvement in Software Certification Environment (invited lecture). Proceedings of the International Conference of Electrical Engineering and Informatics (ICEEI'07), Bandung, Indonesia.

RESEARCH ACTIVITIES

Future Plans

Development of Mobile-based Spelling Learning Game (SLG) for Primary School Students

Investigation of Mobile-based Three Dimensions (M3D) Hologram Technology in Defense Environments

At-Tajweed: Development of Mobile-based Tajweed Corrector using Voice Recognition System

On going

Head. Usability Model for Mobile Applications in Defence Training (with Prof. Dato' Dr. Aziz Deraman, Prof. Dr. Abdul Razak Hamdan, Assoc. Prof. Dr. Jamaiah Yahaya, Assoc. Prof. Dr. Omar Zakaria, Assoc. Prof. Dr. Mohar Kassim and Dr. Yusmadi Yah Jusoh)

Exploratory Research Grant Scheme (ERGS), Ministry of Higher Education (MoHE), Malaysia

Co-researcher: Exploring Software Certification and Accreditation based on User-Centric Approach for Web-based and Mobile Application (with Prof. Dato' Dr. Aziz Deraman, Prof. Dr. Abdul Razak Hamdan, Assoc. Prof. Dr. Jamaiah Yahaya and Dr. Yusmadi Yah Jusoh)

Exploratory Research Grant Scheme (ERGS), Ministry of Higher Education (MoHE), Malaysia

Co-researcher. Pembangunan Aplikasi Perisian Mudah Alih Norma Kecergasan Kardiovaskular untuk Pegawai-pegawai Kadet UPNM (with Assoc. Prof. Dr. Mohar Kassim and Lt Kdr Hardy Azmir Anuar (B))

Research Acculturation Grant Scheme (RAGS), Ministry of Higher Education (MoHE), Malaysia

In review

Project Leader: SmartMaths Solution – Development of Handheld-based Interactive Multimedia 3-Dimensions Hologram Technology in Learning Mathematics Environment (with Dr. Sobihatun Nur Abdul Salam, Noraziah Che Pa and Syamila Zakiah Abdul Wahab)

eScienceFund Grantt, Ministry of Science, Technology and Innovation (MOSTI), Malaysia

Co-researcher: e-Traditional Games – Design and Development of Digital Traditional Games in Preserving Malaysian Heritage (with Dr. Sobihatun Nur Abdul Salam, Noraziah Che Pa and Syamila Zakiah Abdul Wahab)

eScienceFund Grantt, Ministry of Science, Technology and Innovation (MOSTI), Malaysia

Co-researcher: Design, Development and Investigation of Mixed Reality Environments in Road Safety Education for Primary School Students (with Assoc. Prof. Abdul Nasir Zulkifli, Nur Fadziana Faisal Mohamed; Juliana Aida Abu Bakar; Syamila Zakiah Abdul Wahab and Jasni Bin Ahmad)

eScienceFund Grantt, Ministry of Science, Technology and Innovation (MOSTI), Malaysia

Co-researcher: Interactive Multimedia Courseware for Sex Education from the Islamic Perspective – A Parental Guide (with Assoc. Prof. Abdul Nasir Zulkifli, Nur Fadziana Faisal Mohamed; Juliana Aida Abu Bakar; Syamila Zakiah Abdul Wahab and Jasni Bin Ahmad)

eScienceFund Grantt, Ministry of Science, Technology and Innovation (MOSTI), Malaysia

Completed

Co-researcher: Lessons Learnt from Malaysia Ministry of Work Teleworking Pilot Project (with Assoc. Prof. Dr. Wan Rozaini Sheik Osman, Nafishah Othman and Zahurin Mat Aji)

Leadership Development Schemes (LEADS) Grantt, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah

Project Leader: An Empirical Approach to the Development of a Model for Measuring the Usability of Handheld Applications (with Prof. Dr. Aziz Deraman)

Scholar Grant (PhD), Public Service Department (JPA), Malaysia.

Project Leader: Students Personal Registration Database System and Digital Documents (Individually)

Faculty of Information Technology Grant, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah.

Project Leader: System Administration and Development in Teaching: A Case Study of Student Admission System (with Prof. Dr. Zulkhairi Md Dahalin)

Scholar Grant (MSc), Public Service Department (JPA), Malaysia.

Project Leader: Development of a Mobile Mathematics Tutoring System for Lower Secondary Assessment (PMR)

PTSG Consultant, Kuala Lumpur, Wilayah Persekutuan

MAIN RESEARCH AREAS

Software Engineering, Design Tools and Techniques — User Interfaces

Models and Principles, User/Machine Systems — Human Factors

Information Interfaces and Presentation, User Interfaces — Input Devices and Strategies, Interaction Styles and Evaluation / Methodology

Computer Graphics, Methodology and Techniques — Interaction Techniques

SUPERVISIONS

Doctorate Research

Supervisor for Phuripoj Kaewyong from the Doctor of Philosophy in Science and Information Technology Program, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah for research title Development of Competency-based Educational Model for Automation Instructional Resource Planning Optimization in Intelligent Tutoring System.

Supervisor for the Doctor of Philosophy in Science and Information Technology Program, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah for research title Factors Affecting the Integration of ICT in Teaching and Learning of Secondary School in Malaysia.

Master Research

Supervisor for Zulhikmi bin Zali @ Mat Tahir from the Master of Science in Computer Science Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Development of a Model for Assessing the Usability of Mobile Applications in Combat Sports.

Supervisor for Nur Hazirah binti Mohd Radzi from the Master of Science in Computer Science Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Development of a Design Guideline for Mobile Applications in Combat Sports.

Supervisor for Norain binti Johari from the Master of Science in Computer Science Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Development of a Mobile Certification in Defence Training Applications

Supervisor for Norafizah Binti Abdul Razak (806289) from the Master of Science in Information Technology Program, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah for project title Requirement Model for Online Form One Student Registration System: A case study in SMKA Al-Mashoor (L) P. Pinang.

Individual Project

Supervisor for Muhammad Faizi bin Musa (210220) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for Degree of Bachelor for project title Development of Mobile Intelligent Application System for Calculating Golf Tournament Scores using Fuzzy Logic Method

Supervisor for Muhammad Zuriyat bin Abdullah (210265) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Movement Detection Based Warning System

Supervisor for Muhammad Zameer bin Zolkaifli (210300) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Performance Evaluation Report System for UPNM Lecturers

Supervisor for Ahmad Faizaq bin Mohd Noor (210306) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Cadets Verification System using Image Processing Methods

Supervisor for Muhammad Zuhier Wafiy bin Azman (210128) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Attacks Decision Support System

Supervisor for Mohamad Zuhelmie bin Mansor (210164) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Cadets Scheduling System for Lekir Battalion

Supervisor for Yahya bin Hussin (210136) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Preachers Scheduling System for Friday Prayer

Supervisor for Mohd Khairil Razlee bin Md Zamri (374709) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Daily Diet Intelligent System for UPNM Cadets

Supervisor for Raja Hasifullah bin Raja Ahmad (3012210) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Intelligent System for Detecting Early Symptoms of Heart Disease at Rumah Sakit Angkatan Tentera (RSAT)

Supervisor for Mohd Khairul Anwar bin Jalal (374710) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title UPNM Tender Selection System based on Analytical Hierarchy Process (AHP) Technique

Supervisor for Azizzudin bin Baharudin (374681) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for project title Measurement of Wing Crack for C130 Flight based on Fuzzy Logic Method

Group Project

Supervisor for Mohd Norsuhadi bin Rosddy (2110500), Mohd Zaid bin Mohd Shakri (2110527), Muhamad Arif Fikry bin Mhd Isa (2110535), Muhamad Aezizun bin Ab Alim (2110598) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for Degree of Bachelor in Computer Science Project for project title Intelligent Combat Injury System.

Supervisor for Azizzudin Baharudin (2090496), Mohd Khairul Anwar Jalal (2090501), Raja Hasifullah Raja Ahmad (3012210) and Mohd Khairul Razlee Md Zamri (2090500) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur for Degree of Bachelor in Computer Science Project.

Supervisor for Ong Kim Kok (128647), Tan Ting Wei (128671), Tan Choon Keat (128691), Lim Shang Yi (128645) and Maurice Loh Wei Gen (128656) from the Bachelor of Multimedia (Hons.) Program, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah for project title V – Pillow: Vibration Pillow for Persons with Disabilities.

Supervisor for Malarmagal a/p Govindarajoo (199299), Sathiga a/p Pulenthiran (198515), Yeamuna a/p Melwaganam (199607) and Valarmathi a/p Gopalan (198502) from the Bachelor of Multimedia (Hons.) Program, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah for project title Application of Wearable Sensory Medicine System for Disables: SensMedi – Box.

Supervisor for Wong Yow Kit (128677), Soon Yi Hao (198499), Tan Bee Theng (198503) and Ang Seok Looi (198605) from the Bachelor of Multimedia (Hons.) Program, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah for project title K – Watch: Innovative Development for Wearable and Ubiquitous Computing.

Supervisor for Zhang Yi (122573), Chan Meng Ping (198777), Rasyidah Binti Abdullah (199174) and Anushia a/p Veerayah (128682) from the Bachelor of Multimedia (Hons.) Program, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah for project title Wearable Assistive Device for the Blind: Development of An Attachable Fan.

Supervisor for several final project students from the Diploma of Business Information Technology Program, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan. Research areas range from Networks and Web-design implementation (1998 - 1999)

Practical Training

Supervisor for Ahmad Safuan bin Zulkarnain (2110532) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Supervisor for Muhammad Hafizi bin Abdul Razak (2110584) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Supervisor for Muhammad Faiz bin Fazillah (2110501) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Supervisor for Luqman Hakim bin Ahmad Faisal (2110503) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Profitera, Kuala Lumpur

Supervisor for Muhammad Naim bin Abdullah (2110517) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Profitera, Kuala Lumpur

Supervisor for Mohammad Zikri bin Zulkifli (210298) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Muhammad Ferdaus bin Zulkifli (210297) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Muhamad Safwan bin Mohamad Ghani (210310) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Mohd Faiz bin Rohim (210257) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Nabil Adhwa bin Muhamad Hasim (2090821) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Mohamad Syimir Sazali bin Ahmad (2090839) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Alexander Elton a/k Joshua Gam (2090770) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti

Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Zulkarnain bin Mahadi (210216) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Muhammad Faris bin Pakri (210294) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Mohd Naim bin Mohd Rani (210129) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Wan Mohamad Irwan Syazwan bin Wan Ahmad Shukri (210232) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Muhamad Elme bin Mohd Nasir (210296) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Hamirul Ikmal bin Hamad (210212) from the Bachelor of Science Computer Program, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur at Ministry of Higher Learning (MoHE), Putrajaya

Supervisor for Leong Yew Hong (129436) from the Bachelor of Information Technology (Hons.) Program, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia) at Techbase Solution, Ipoh, Perak.

Supervisor for Ling Lee King (129444) from the Bachelor of Information Technology (Hons.) Program, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia) at Optalink Sdn. Bhd., Georgetown, Penang.

Supervisor for Tee Guat Har (36287) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Lembaga Pemasaran Pertanian Persekutuan (FAMA), Alor Setar, Kedah Darul Aman.

Supervisor for Norhayati Binti Muhamad Tham (39452) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Matsushita Electronic Motor (M) Sdn. Bhd., Sungai Petani, Kedah Darul Aman.

Supervisor for Chew Lee Ling (36401) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Jabatan Penyiaran Malaysia, Alor Setar, Kedah Darul Aman.

Supervisor for Yew Joh Siang (36343) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Check Link (M) Sdn. Bhd., Alor Setar, Kedah Darul Aman.

Supervisor for Arif Helmi Bin Junid (39105) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Natures Own Brand (M) Sdn. Bhd., Sungai Petani, Kedah Darul Aman.

Supervisor for Aloysius Bin Paul (40291) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Pejabat Daerah Kubang Pasu, Jitra, Kedah Darul Aman.

Supervisor for Richard Dulasi (40290) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Pejabat Daerah Kubang Pasu, Jitra, Kedah Darul Aman.

Supervisor for Farham Binti Mohamed (40181) from the Bachelor of Multimedia (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at HR Marketing Sdn. Bhd., Alor Setar, Kedah Darul Aman.

Supervisor for Roslinda Binti Bidin (29491) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Institut Pembangunan Keusahawanan, Sintok, Kedah Darul Aman.

Supervisor for Gooi Chiang Tak (36518) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at S. G. Kedah Agency (Great Eastern), Alor Setar, Kedah Darul Aman.

Supervisor for Kim Chin Wei (35964) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Matsushita Electronic Motor (M) Sdn. Bhd., Sungai Petani, Kedah Darul Aman.

Supervisor for Lau Kean Kok (36634) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Bluesky Consultancy Sdn. Bhd., Alor Setar, Kedah Darul Aman.

Supervisor for Loh Chee Kiang (36243) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Bluesky Consultancy Sdn. Bhd., Alor Setar, Kedah Darul Aman.

Supervisor for See Lay Hon (36247) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Pejabat Daerah Kota Setar, Alor Setar, Kedah Darul Aman.

Supervisor for Simon Ronald Kolop (39742) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Pejabat Daerah Kubang Pasu, Jitra, Kedah Darul Aman.

Supervisor for Asma Amanina Binti Abdul Ghani (39007) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology,

Universiti Utara Malaysia (UUMalaysia) at Darulaman Reality Sdn. Bhd., Jitra, Kedah Darul Aman.

Supervisor for Siti Azeyrah Binti Ramli (40219) from the Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia) at Kastam & Eksais Diraja Malaysia, Langkawi, Kedah Darul Aman.

Supervisor for several practicum training students from the Diploma of Business Information Technology Program, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan. Research areas range from Networks and Web-design implementation (1998 - 1999)

PROFESSIONAL MEMBERSHIPS

Senior Member, IACSIT International Association of Computer Science and Information Technology, Reference No. 80341705

Senior Member, SCIEI Science and Engineering Institute, Reference No. 20140107008

Member, SDIWC Society of Digital Information and Wireless Communications, Reference No. 1304398353

Member, IAENG International Association of Engineers, Reference No. 113459

Member, IAENG Society of Computer Science (ISCS)

Member, IAENG Society of Software Engineering (ISSE)

Member, MEIPTA Malaysian Public Universities e-Learning Council

Life Member, MLearn Mobile Learning Association Malaysia, Reference No. 10078

Life Member, MITS Malaysian Information Technology Society

BOARD MEMBERS

Awards

Committee, Quality Criteria of the Deputy Vice Chancellor (Academic Affairs & Internationalization) Award, Center for Academic Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (2013)

Tenders

Committee, Price Quotation Committee for NDUM Tender, Center for Communication and Information Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (2014)

Committee, Technical Specification Committee for RMK-10 Project, Center for Communication and Information Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (2013)

Committee, Price Quotation Committee for NDUM Tender, Center for Communication and Information Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (2013)

Programs

Deputy Chairman, 20th MITS Malaysian Information Technology Society, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2014)

Deputy Chief, Critical Agenda Project (CAP) for Institution Program Management Office (IPMO), Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2014)

Deputy Chief, Critical Agenda Project (CAP) for Institution Program Management Office (IPMO), Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2013)

Liason Officer, Canselor Promulgation Ceremony and the 4rd Convocation, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2013)

Coordinator, eLearning Day (eLEARN), eLearning Unit, Center for Academic Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (2013)

Committee, Research, Consultation and Publication Committee, School of Multimedia Technology and Communication, College of Arts and Science, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st August 2011 – 31st January 2012)

Committee, Student Development Committee, School of Multimedia Technology and Communication, College of Arts and Science, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st August 2011 – 31st January 2012)

Committee, Board of Practicum Training Program, Bachelor of Information Technology, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (2003 – 2004).

Committee, Board of Twinning Program with University of Wales, Newport, United Kingdom, Bachelor of Business Information Technology, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan (1999).

Committee, Board of Lembaga Akreditasi Negara (LAN) Program, Bachelor in Business Information Technology, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan (1998).

Studies

Committee, Conference, Seminars and Workshops Committee for Faculty Level, Faculty of Science and Defence Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2014)

Committee, Academic Advisory Committee, Faculty of Science and Defence Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2014)

Committee, Conference, Seminars and Workshops Committee for Faculty Level, Faculty of Science and Defence Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2013)

Committee, Academic Advisory Committee, Faculty of Science and Defence Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2013)

Committee, Graduate Studies Committee for Faculty Level, Faculty of Science and Defence Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2013)

Committee, Board of Studies, Diploma of Business Information Technology, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan (1998 – 1999).

Conferences

Program Co-Chairs, [International XXXXXXX 2016 \(ICIC'16\)](#), Universiti Pertahanan Nasional Malaysia (UPNMalaysia) and Universiti Kuala Lumpur (UniKL), Kuala Lumpur, Malaysia (2016)

Committee, GS International Multi-Conference on Computer Science 2015 (GS-MICCS'15), Ireland (2015)

Committee, GS International Multi-Conference on Science and Technology 2014 (GS-MICST'14), Dubai, United Arab Emirates (UAE), (2014)

Program Co-Chairs, 4th International Conference on Distance Learning and Education (ICDLE'13), Paris, France (2013)

Committee, Technical Committee of the 15th IASTED International Conference on Software Engineering and Applications (SEA'11), Dallas, USA (2011)

Committee, Technical Committee of the 2011, 3rd International Conference on Computer Technology and Development (ICCTD'11), Chengdu, China (2011).

Committee, Technical Committee of the 1st International Online Conference on Computing (IIOCC'11), California State University, California, University of the West of England, Bristol and Glyndwr University, Wales (2011)

Committee, Technical Committee of the International Conference on Digital Enterprise and Information Systems (DEIS'11), London Metropolitan Business School, London Metropolitan University, London (2011)

Committee, Organizing Committee of the International Conference on Electrical Engineering and Informatics 2007 (ICEEI'07), Universiti Kebangsaan Malaysia

(UKMalaysia), Bangi Selangor, Malaysia and Bandung institute of Technology (ITB), Bandung, Indonesia (2007).

Committee, Organizing Committee of the Knowledge Management International Conference (KMICE`04), Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (2004).

Seminars

Committee, Organizing Committee of the Faculty of Defense Science and Technology Colloquium 2012, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2012).

Committee, Organizing Committee of the Graduate Seminar 2006, Faculty of Information Science and Technology, Universiti Kebangsaan Malaysia (UKMalaysia), Bangi, Selangor (2006).

Committee, Organizing Committee of the Graduate Seminar 2005, Faculty of Information Science and Technology, Universiti Kebangsaan Malaysia (UKMalaysia), Bangi, Selangor (2005).

Committee, Organizing Committee of the Graduate Seminar 2004, Faculty of Information Science and Technology, Universiti Kebangsaan Malaysia (UKMalaysia), Bangi, Selangor (2004).

Committee, Organizing Committee of the New Millennium Challenges of Organization Management Perspective on Information Technology Seminar (TEMPO`02), Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (2002).

Committee, Organizing Committee of the Artificial Intelligence Seminar, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (2002).

Others

Member, NDUM Academic Staff Association (NADIMASA), Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (2013 - Present)

College Trainers for Problem-based Learning, School of Multimedia Technology and Communications, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (July 2011 – June 2012)

Editorial Board for Faculty of Information Technology Bulletin, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (March 2003 – February 2004)

EXAMINER, EVALUATOR, REVIEWER & ASSESSOR

Validator

Validator, Validation Visit for Academic Cooperation Program between Universiti Pertahanan Nasional Malaysia (UPNMalaysia) and HICOM International College of Automotive (ICAM)

Examiner

Examiner, Science Computer Semester Examination Script for Matriculation Program, Matriculation Department, Ministry of Education Malaysia (MoE)

Examiner for Doctor of Philosophy (PhD) Program for research entitled The Perfect Cyber Warrior: A Skill Gap Analysis on the Current Cyber War Personnel by Mohammad Adib Khairuddin, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Examiner for Doctor of Philosophy (PhD) Program for research entitled Cyber-Profilling: A Study on Counter Cyber-Terrorism Attack by Suhaila Ismail, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Examiner for Doctor of Philosophy (PhD) Program for research entitled Mitigating and Defending DNS Amplification Attack via Mobile Agents by Kamaruzaman Maskat, Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Evaluator

Evaluator, Deputy Vice Chancellor (Academic Affairs & Internationalization) Award for Individual Category, Center for Academic Development, Univeristi Pertahanan Nasional Malaysia (UPNMalaysia)

Evaluator for 10th WSEAS International Conference on Education and Educational Technology (EDU2011) for research entitled Using Digital Storytelling to Determine Good and Bad Features for Use in Learning Materials by Ariffin Abdul Mutalib, Wong Yow Kit and Mohd Helmy Abdul Wahab

Evaluator for 3rd International Conference on Information and Multimedia Technology (ICIMT2011) for research entitled Gathering Guidelines for Usable Electronic Teaching Materials for Pre-school Children by Ariffin Abdul Mutalib

Evaluator for High Impact Group Research Grantt 2011 for research entitled Personal-Decision Aid for Youth Community Services by Norshuhada Shiratuddin, Siti Mahfuzah Sarif, Arifin Abdul Mutalib, Syamsul Bahrain Zaibon, Haslina Mohd and Afeez Nawfal Mohd Isa

Evaluator for International Conference on Teaching and Learning in Higher Education (ICTLHE2011) for paper entitled Digital Storytelling's Conceptual Model: A Proposed Guide towards the Construction of a Digital Story by Tenh Hock Kuan, Harryisman Harun and Norshuhada Shiratuddin

Evaluator for International Conference on Teaching and Learning in Higher Education (ICTLHE2011) for paper entitled Digital Storytelling: A Contemporary Knowledge Dissemination Medium in a Classroom by Tenh Hock Kuan, Harryisman Harun and Norshuhada Shiratuddin

Evaluator for Fundamental Research Grant Scheme (FRGS) 2011 for research entitled Adaptation of Hidden Markov model in Handwriting Recognition System to Assist Preschool Children Handwriting by Mohd Nizam Saad, Abd Hadi Abd Razak and Azman Yasin

Evaluator for Fundamental Research Grant Scheme (FRGS) 2011 for research entitled Multi Criteria Tender Evaluation Model using Balance Scorecard Method by Fauziah Baharom, Norida Muhd Darus, Haslina Mohd, Maznah Mat Kassim and Norita Md Nawawi

Evaluator for 3rd International Conference on Computing and Informatics (ICOI 2011) for paper entitled Intelligent Software Quality Model: The Theoretical Framework by Jamaiah Yahaya, Aziz Deraman, Siti Sakira Kamaruddin and Ruzita Ahmad

Evaluator for 3rd International Conference on Computing and Informatics (ICOI 2011) for paper entitled E-Commerce (B2C) Quality Evaluation Framework: A Pilot Study to Investigate Factors Related to Jordanian Consumers' Perspectives by Alawiyah Abd Wahab, Jamaiah Yahaya, Faudziah Ahmad and Omar

Reviewer

Reviewer, Journal of Information and Communication Technology for paper entitled Business Intelligence Approach for Graduate Entrepreneur Program

Reviewer, International Journal of Information Processing and Management for paper entitled A Review on the Graphical User Authentication Algorithm: Recognition-based and Recall-Based

Reviewer, International Journal of Information Processing and Management for paper entitled Bridging the Communication Gap: Software Requirements Elicitation

Reviewer for the International Conference on Arts, Social Science and Technology (ICAST2012) for paper entitled Ethical Issues in the Use of Information and Communication Technology in Malaysian Primary Schools

Reviewer for the International Conference on Arts, Social Science and Technology (ICAST2012) for paper entitled Making Sense of Experience: The Journey from a Gallery's Perspective

Assessor

Assessor, assessed practical training students from the Bachelor of Information Technology Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah. Research areas range from Networks, Multimedia and Web-design implementation (2003 - Present)

Assessor, assessed final students projects from the Diploma of Business Information Technology Program, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan. Research areas range from Networks and Web-design implementation (1998 - 1999)

CHAIRMAN, INVITED SPEAKER & PRESENTER

Presenter, 2014. 6th International Conference on Computer Engineering and Technology (ICCET2014), Identifying Measures for Assessing the Readiness of Handheld Application Usage. (10th – 11th April 2014).

Presenter, 2014. Malaysia International Technology Expo (MTE'2014), Warning System based on Movement Detection. Kuala Lumpur, Malaysia. (20th – 22nd February 2014).

Instructor, Training of Trainers (ToT) Workshop: Revisiting the Learning Management System (LMS), Center for Academic Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), AutoCad Lab, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (8th April 2014)

Program Co-Chairs, 4th International Conference on Distance Learning and Education (ICDLE 2013), (12th – 13th October 2013)

Presenter, Information Systems International Conference (ISICO'2013), Metrics and Attributes for Assessing the Stability of Handheld Application Usage (2nd Dec 2013 – 4th Dec 2013)

Presenter, International Conference on Artificial Intelligence and Computer Science (AICS'2013), Development of Mobile Intelligent Application System for Calculating Golf Tournament Scores using Fuzzy Logic Method (25th Nov 2013 – 26th Nov 2013)

Presenter, International Exposition Research & Innovation in Education (Edu-InERI'2013). Warning System Based on Movement Detection (20th Sept 2013 – 22nd Sept 2013)

General Co-Chair, International Conference on Distance Learning and Education (ICDLE2012), International Association of Computer Science and Information Technology (IACSIT), Hong Kong (26th – 28th October 2012)

Invited Speaker, Seminar of Project Planning and Funding. Successful Project Planning: The Wh – Questions, organized Al-Bukhary Residential College, Paradise Sandy Beach Resort, Penang, Malaysia (2004)

Invited Speaker, Seminar of Project Development and Management. Managing Quality in Project Development: Tips and Tricks, organized Al-Bukhary Residential College, Swiss – Inn Hotel, Sungai Petani, Kedah, Malaysia (2003)

Invited Speaker, Seminar of Career in Information Technology and Multimedia (MINKEIT'03). Past, Present and Future: Career Opportunities in Information Technology and Multimedia, organized EON Residential College, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (2003)

CONSULTANCY & ADVISORY

Consultant

Co-consultant to project title Development of A User-based Software Certification Model for Software Product Evaluation (ucSoftC), Universiti Kebangsaan Malaysia (UKMalaysia) (1st June 2012 – 31st May 2015)

Consultant to Mentoring and Counseling Unit for Academic Excellence Mentoring Program for Lower Secondary Level, Wilayah Persekutuan Kuala Lumpur and Selangor Darul Ehsan, PTSG Consultant, Kuala Lumpur, Wilayah Persekutuan (15th May 2010 – 31st December 2010)

Advisor

Academic Advisor to Third Year Students (3 TSI 1) for Bachelor of Computer Science (Hons.) Program (Academic Session 2013/2014), Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Academic Advisor to Second Year Students (2 TSK 2) for Bachelor of Computer Science (Hons.) Program (Academic Session 2012/2013), Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Academic Advisor to First Year Students (1 TSK 2) for Bachelor of Computer Science (Hons.) Program (Academic Session 2011/2012), Faculty of Defense Science and Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Advisor to UPNMalaysia Price Quotation Evaluation to evaluate the quotation to supply, install, configure, maintain and test the Internet Access Management (IAM) for Universiti Pertahanan Nasional Malaysia (UPNMalaysia)

Advisor to represent Yayasan AI – Bukhary Residential College (Student Affairs) to plan and implement the rules for college interest and dorm residents and other college administration duties (1st January 2003 – 30th June 2004)

Advisor to committee of college students, Yayasan AI – Bukhary Residential College, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st January 2003 – 30th June 2004)

Advisor to Hari Pemasyhuran Yayasan AI – Bukhary Residential College, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st January 2003 – 31st August 2003)

Advisor to committee of college students, Aseania 1 Residential College, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (1st May 2002 – 31st December 2002)

Advisor to represent Aseania 1 Residential College (Student Affairs) to plan and implement the rules for college interest and dorm residents and other college administration duties (1st May 2002 – 31st December 2002)

TEACHING EXPERIENCES & INITIATIVES

Teaching Experiences

System Analysis and Design (TSK1233) for Bachelor of Computer Science (Hons.) Program, Faculty of Science and Defence Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (Semester II Academic Session 2014/2015)

Expert System (TSK3113) for Bachelor of Computer Science (Hons.) Program, Faculty of Science and Defence Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (Semester III Academic Session 2014/2015)

Computing 1 (C and C++) (EFC1103) for Bachelor of Engineering (Hons.) Program, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (Semester II Academic Session 2013/2014)

Computing 1 (C and C++) (EFC1103) for Bachelor of Engineering (Hons.) Program, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (Semester I Academic Session 2013/2014)

Computing 1 (C and C++) (EFC1103) for Bachelor of Engineering (Hons.) Program, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (Semester II Academic Session 2012/2013)

Computing 1 (C and C++) (EFC1103) for Bachelor of Engineering (Hons.) Program, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (Semester I Academic Session 2012/2013)

Computing 1 (C and C++) (EFC1103) for Bachelor of Engineering (Hons.) Program, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (Semester II Academic Session 2011/2012)

Introduction to Programming (FCS0723) for Defense Science and Technology Centre, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (Semester II Academic Session 2011/2012)

Computer Applications (FCS0743) for Defense Science and Technology Centre, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur (Semester II Academic Session 2011/2012)

Computer Applications in Management (STID1103) for Bachelor of Multimedia (Hons.) Program, College of Arts and Science, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester September 2011/2012)

Discrete Structures (STQM2013) for Bachelor of Multimedia (Hons.) for Bachelor of Information Technology (Hons.) Program, College of Arts and Science, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester September 2011/2012)

Living in the Multi-cultural society (EEP2032) for Bachelor of Multimedia (Hons.) Program, College of Arts and Science, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester September 2011/2012)

Mobile Multimedia Technology and Ubiquitous Computing (STIV3063) for Bachelor of Multimedia (Hons.) Program, College of Arts and Science, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester November 2010/2011)

Discrete Structures (STQM2013) for Bachelor of Information Technology Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester November 2010/2011)

Mathematics in Information Technology (TM1203) for Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester November 2003/2004)

Data Communication (TJ2013) for Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester June 2003/2004)

Web Applications Development (TJ3043) for Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester June 2003/2004)

Computer Applications in Management (TD1103) for Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester November 2002/2003)

Network Applications Development (TJ3043) for Bachelor of Information Technology (Hons.) Program, Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (Semester November 2002/2003)

Data Structure and Algorithm Analysis for Diploma in Business Information Technology Program, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan

Web Applications for Diploma in Business Information Technology Program, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan

Data Communication for Diploma in Business Information Technology Program, Faculty of Computer Science and Information Technology, L & G Twintech Institute of Technology, Kuala Lumpur, Wilayah Persekutuan

Teaching Initiatives

Online Teaching Module for Computing 1 (C and C++) (EFC1103) Subject, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Web 2.0 Tools Teaching Methods for Computing 1 (C and C++) (EFC1103) Subject, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Introduction to C++ Programming (Basic) Teaching Module for Introduction to Programming (FCS0723) Subject, Defense Science and Technology Centre, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Computing 1 Teaching Module for Computing 1 (C and C++) (EFC1103) Subject, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur

Discrete Structures Teaching Module for Discrete Structures (STQM2013) Subject, School of Computing, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah

Computer Applications in Management Teaching Module for Computer Applications in Management (STID1103) Subject, School of Computing, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah

Mathematics Tutoring System for Lower Secondary Assessment (PMR), PTSG Consultant, Kuala Lumpur, Wilayah Persekutuan

ADMINISTRATIVE DUTIES

Coordinator for E-Learning to plan, coordinate and implement the rules for university interest as well as other E-Learning for teaching and learning administration duties (1st August 2012 – 31st July 2014)

Deputy Chief E-Learning CAP to plan, coordinate and implement the rules for university interest as well as other E-Learning for teaching and learning administration duties (1st April 2012 – 31st March 2014)

Represented Yayasan AI – Bukhary Residential Colleges (Student Affairs) to plan and implement the rules for college interest and dorm residents and other college administration duties (1st January 2003 – 30th June 2004)

Represented Aseania 1 Residential Colleges (Student Affairs) to plan and implement the rules for college interest and dorm residents and other college administration duties (1st May 2002 – 31st December 2002)

OTHER RESPONSIBILITIES

Provided necessary education counseling, prepared and presented motivational seminars, and conducted lectures and workshops in the areas of mathematics and science to lower secondary students (15th May 2010 – 31st December 2010)

PROGRAMS, COURSES & WORKSHOPS ATTENDED

Programs

Strategic Leadership Programme : Strategic Leaders of Tomorrow
Centre for Leadership and Professional Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Kuala Lumpur, Wilayah Persekutuan (27th January 2014 – 30th Januari 2014)

A-SLEAD Heart, Souled and Ethical Leadership in Higher Education

AKEPT Higher Education Leadership Academy, Ministry of Education Malaysia (MoE), Negeri Sembilan (5th – 6th May 2014)

ACELLT Leadership Development Training Programme in e-Learning Level 2

AKEPT Higher Education Leadership Academy, Ministry of Education Malaysia (MoE), Negeri Sembilan (26th – 29th November 2013)

ACELLT Leadership Development Training Programme in e-Learning Level 1

AKEPT Higher Education Leadership Academy, Ministry of Education Malaysia (MoE), Negeri Sembilan (20th – 24th May 2013)

ACELLT Leadership Development Training Programme in Problem-Based Learning Level 1

AKEPT Higher Education Leadership Academy, Ministry of Education Malaysia (MoE), Negeri Sembilan (23rd – 25th April 2013)

Train the Trainers Programme: Web Component Development with Servlets & JSPs, Java EE6

Multimedia Development Corporation (MDeC) and CSC Training Centre, Petaling Jaya, Selangor (30th July – 3rd August 2012)

Train the Trainers Programme: Java Programming language, Java SE6

Multimedia Development Corporation (MDeC) and CSC Training Centre, Petaling Jaya, Selangor (23rd July – 27th July 2012)

Courses

Professional Supervision Course

College of Arts and Sciences (UUM CAS), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (11th October 2011)

Computer Game Development Training Course

MAC3 Training Lab, Multimedia Development Corporation (MDeC) (3rd – 7th October 2011)

Lightwave 3D 7.0 Course

Info Centre Computer Training & Services, Aliran Permata Sdn. Bhd. (26th – 27th March 2002)

Toolbook Instructor II Course

Info Centre Computer Training & Services, Aliran Permata Sdn. Bhd. (1st – 2nd April 2002)

Sound Forge 5.0 Course

Info Centre Computer Training & Services, Aliran Permata Sdn. Bhd. (3rd April 2002)

Adobe Premiere 6.0 Course

Info Centre Computer Training & Services, Aliran Permata Sdn. Bhd. (9th – 10th April 2002)

Macromedia Fireworks Course

Info Centre Computer Training & Services, Aliran Permata Sdn. Bhd. (13th April 2002)

Macromedia Dreamweaver Course

Info Centre Computer Training & Services, Aliran Permata Sdn. Bhd. (16th – 17th April 2002)

Macromedia Coursebuilder Course

Info Centre Computer Training & Services, Aliran Permata Sdn. Bhd. (22nd April 2002)

Macromedia Director 8.5 Course

Info Centre Computer Training & Services, Aliran Permata Sdn. Bhd. (28th – 30th April 2002)

Workshops

Fundamental Research Grantt Scheme (FRGS) Writing Workshop

Faculti of Science and Defence Technology, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), Bilik Sipadan, Marine Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (4th February 2015)

Training of Trainers (ToT) Workshop: Revisiting the Learning Management System (LMS)

Center for Academic Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), AutoCad Lab, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (8th April 2014)

Learning Innovation Talk: The Future of Learning

UNITAR International University (15th January 2014)

Training of Trainers (ToT) Workshop: Using Learning Management System (LMS) via Web 2.0 Tools

Center for Academic Development, Universiti Pertahanan Nasional Malaysia (UPNMalaysia), AutoCad Lab, Faculty of Engineering, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (11th November 2013)

e-Learning Training Workshop

Department of Higher Learning, Ministry of Education Malaysia (MoE), Universiti Kebangsaan Malaysia (UKMalaysia), Selangor (17th – 19th October 2013)

Android Development (Beginner – Intermediate)

Training Development, iTrain Kuala Lumpur, Malaysia (7th – 11th October 2013)

3rd Specialized Mobile Learning Workshop: iPad for Teaching and Learning

Mobile Learning Association of Malaysia, Universiti Kebangsaan Malaysia (UKMalaysia), Selangor (28th September 2013)

ERGS Research Workshop (ERGS/1/2012/TK06/UKM/02/12)

Fakulti Teknologi dan Sains Maklumat, Universiti Kebangsaan Malaysia (UKMalaysia) (23rd September 2013)

Training of Trainers (ToT) Workshop: Using Learning Management System (LMS)

Academic Development Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (22nd July 2013)

ERGS Research Workshop (ERGS/1/2012/TK06/UKM/02/12)

Fakulti Teknologi dan Sains Maklumat, Universiti Kebangsaan Malaysia (UKMalaysia) (16th – 18th June 2013)

2rd Specialized Mobile Learning Workshop: Enhancing Active Learning using Web 2.0 Mobile Tools
Mobile Learning Association of Malaysia (14th June 2013)

Journal Articles Writing Workshop
Publication Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (10th – 12th May 2013)

Outcome-Based Assessment (OBA) Workshop
Academic Development Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (4th March 2013)

ERGS Research Workshop (ERGS/1/2012/TK06/UKM/02/12)
Fakulti Teknologi dan Sains Maklumat, Universiti Kebangsaan Malaysia (UKMalaysia) (14th – 15th February 2013)

E-Learning Content Development Training of Trainers (ToT) Workshop: Using Learning Content Development System (LCDS) Basic Level
Academic Development Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (8th February 2013)

E-Learning Committee Workshop Series 1/2013
Academic Development Center, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) (29th – 30th January 2013)

ERGS Research Workshop (ERGS/1/2012/TK06/UKM/02/12)
Fakulti Teknologi dan Sains Maklumat, Universiti Kebangsaan Malaysia (UKMalaysia) (20th – 22nd January 2013)

Curriculum Review Workshop
Faculty of Defense Science and Technology, National Defense University of Malaysia (UPNMalaysia), Kuala Lumpur (25th – 26th June 2012)

Exploratory Research Grant Scheme (ERGS) Research Workshop
Software Certification and Accreditation Research Group, Faculty of Information Science and Technology, Universiti Kebangsaan Malaysia (UKMalaysia), Bangi (24th – 25th June 2012)

ICT Competency among Higher Education Institutions in MY3S Instrument Workshop
Information Service System Innovation (ISS) Research Group, Information System Department, Faculty of Computer Science and Information System, Universiti Teknologi Malaysia (UTMalaysia), Skudai, Johor (20th – 21st June 2012)

RASCH Measurement Model Workshop
Institute of Management and Business Research (IMBRe), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (15th -16th November 2011)

Monograph Publication Workshop
UUM Press, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (3rd November 2011)

Training of College Trainers for Problem Based Learning (PBL)/Project-oriented Problem Based Learning (POPBL) Workshop

University Teaching and Learning Centre (UTLC), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (17th – 20th October 2011)

Quantitative Research Fundamentals Workshop

College of Arts and Sciences (UUM CAS), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (20th September 2011)

Strategic Planning Directions Workshop

College of Arts and Sciences (UUM CAS), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (15th September 2011)

MSc IT/ICT/IS by Coursework and MSc IT by Research Academic Workshop

College of Arts and Sciences (UUM CAS), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (23rd August 2011)

Employability Enhancement Programme (EEP) Teaching of Trainers (TOT) Workshop

College of Arts and Sciences (UUM CAS), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (16th August 2011)

Academic Talk Knowledge Representation With Conceptual Graph

College of Arts and Sciences (UUM CAS), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (9th August 2011)

Exploratory Data Analysis Workshop

Centre for Testing, Measurement and Appraisal (CeTMA), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (14th July 2011)

Group Dynamics Workshop

Academic Affairs Department (HEA) and University Teaching and Learning Centre (UTLC), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (10th – 11th July 2011)

Industrial PhD Workshop Series II

Centre for University – Industry Collaboration (CUIC), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (7th July 2011)

eScienceFund Proposal Generation Workshop

Ministry of Science, Technology and Innovation (MOSTI) and Research and Innovation Management Centre (RIMC), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (6th July 2011)

PRGS Proposal Generation Workshop

Research and Innovation Management Centre (RIMC), Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (22nd May 2011)

KJ Method Workshop

Islamic Centre, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (12th May 2011)

Developing a Quality Research Portfolio Workshop

Leads Group Software Quality & Evaluation, School of Computing, College of Arts and Sciences, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (9th May 2011)

Research Methodology Workshop

University Teaching and Learning Centre, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (9th – 16th October 2003)

LaTeX / Lyx Application Workshop

Faculty of Information Technology, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (28th July 2003)

Qualitative Research Workshop

University Teaching and Learning Centre, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (18th July 2002)

Research Generation Workshop

University Teaching and Learning Centre, Universiti Utara Malaysia (UUMalaysia), Sintok, Kedah (16th April 2002)

COMMUNITY INVOLVEMENT

Official Visit, Ministry of Kementerian Perdagangan Dalam Negeri, Koperasi & Kepenggunaan (KPDNKK) Official Visit to Dubai, United Arab Emirates (UAE) – 12th to 18th December 2013

Facilitator for the Academic Excellence Mentoring Program (Mathematics) for Higher Secondary Level for Counseling and Mentoring Unit, S. M. K. in Wilayah Persekutuan Kuala Lumpur (1st January 2005 – 31st December 2010)

Facilitator for the Academic Excellence Mentoring Program (Additional Mathematics) for Higher Secondary Level for Counseling and Mentoring Unit, S. M. K. in Wilayah Persekutuan Kuala Lumpur (1st January 2005 – 31st December 2010)

Facilitator for the Academic Excellence Mentoring Program (Mathematics) for Lower Secondary Level for Counseling and Mentoring Unit, S. M. K. in Wilayah Persekutuan Kuala Lumpur (1st May 2007 – 31st December 2010)

Facilitator for the *Gerak Gempur Penilaian Menengah Rendah* (PMR) Program: MathsMarathon for Program Pembangunan Rakyat Termiskin (PPRT) Perlis, Hosba Valley Resort, Jitra, Kedah Darul Aman organized by Pejabat Pembangunan Negeri Perlis (PPNPs), Perlis Indra Kayangan (19th September 2003 – 21st September 2003)

Facilitator for the Workshop on Self-Motivation Excellence: Preparation for the *Penilaian Menengah Rendah* (PMR) Examination for Program Pembangunan Rakyat Termiskin (PPRT) Perlis, Semarak Langkawi Beach Resort, Langkawi, Kedah Darul Aman (19th December 2003 – 21st December 2003)

OTHER ACTIVITIES

Member, Universiti Pertahanan Nasional Malaysia (UPNMalaysia) Academician Association (NADIMASA)

Member, Universiti Utara Malaysia (UUMalaysia) Alumni

Member, Universiti Utara Malaysia (UUMalaysia) Matriculation Alumni

Member, Sekolah Menengah Seri Gombak Alumni

Member, Parent and Teacher Association (PIBG), Sekolah Menengah Kebangsaan Putrajaya Presint 11(1), Putrajaya

Member, Parent and Teacher Association (PIBG), Sekolah Menengah Kebangsaan Putrajaya Presint 11(1), Putrajaya

Member, Kuala Lumpur Golf and Country Club (KLGCC)

Member, Putrajaya Bowling Club

PROFESSIONAL INTERESTS & GOALS

Academic Research

Solve new or existing problems in novel ways; question and find flaws in existing theories, assumptions and solutions; quickly learn and stay on top of advances; design, build, objectively evaluate and effectively communicate new methods; manage highly uncertain projects and work to strict deadlines; service (peer reviewer for journals and conferences)

Software Engineering

Object-oriented design and development, software development processes, requirements analysis, project management, design and architecture, large projects, verification and validation, concurrent, parallel and distributed applications, real-time, systems, security and cryptography, networks, some signals, signal processing & control, ...

Software Development

Agile/XP/Test-driven development process, leading small teams, efficient algorithm design, concurrent programming, design frameworks and abstraction layers, architecture, design patterns, coding standards and re-factoring, web application development, web services,...

Mathematics

Probability theory, statistics, pure mathematics and some financial mathematics

COMPUTER & PERSONAL PROFICIENCY

Computing Skills

Expert in various versions of Microsoft MS – DOS, Microsoft Windows NT and Microsoft Windows CE operating systems

Expert in various versions of Microsoft internet software applications, Microsoft office software applications, Microsoft graphic design software applications, Microsoft utilities software applications

Expert in various versions of Microsoft Visual Basic, Microsoft Embedded Visual Basic.Net, Microsoft Visual C++, Microsoft Embedded Visual Basic, Microsoft Embedded Visual Basic.Net, Microsoft Embedded Visual C++ programming languages

Expert in various versions web-based application development of Java Programming, Servlets, JSPs and PHP programming languages

Expert in various versions of Statistical Packages for Social Sciences (SPSS)

Personal Skills

Good communication skills in both Bahasa Melayu and English languages – 9/10 in reading, 9/10 in speaking and 9/10 in writing

Good teamwork skills in both teaching and researching works – experience of working in groups during academic projects, which included planning, role allocation, co-ordination and commitment

Good analytical skills with the ability to evaluate information and data during complex processes, and on the basis of such analysis, to develop courses of action to achieve an operational goal or objective

Good artistic skills in music (piano and guitar), sports (atelic, netball), arts and literature

BACKGROUND SUMMARY

Fadzlah A. F. A obtained her Bachelor of Information Technology degree in Networking (with honours) in 1998 and a Master of Science in Information Technology degree in 2002 from the Faculty of Information Technology, Northern University of Malaysia. She also obtained a Doctor of Philosophy degree in Computer Science in 2010 from the Faculty of Technology and Information Science, National University of Malaysia. She is currently a Senior Lecturer at the Department of Computer Science, Faculty of Defense Science and Technology, National Defense University of Malaysia, and was a staff member at the Department of Applied Science, College of Arts and Science, Northern University of Malaysia with fourteen years of extensive experience in teaching and mentoring students and twelve years of comprehensive experience in research and development of handheld – based software application systems with interest on the field of Software Engineering, specializing on software quality, software certification, software usability, software management and human computer interaction. She has more than ten publications in the above areas. Her current research interest relates to the usability of defence training application systems and in particular to the design, development and implementation of a Combat Injury and Rescue System, a mobile application system for rescue and injury reporting system.

