CURRICULUM VITAE

ASSOC PROF DR SHUKOR SANIM MOHD FAUZI

Universiti Teknologi MARA Perlis Branch

www.shukorsanim.com

UNIVERSITI TEKNOLOGI MARA

FACULTY OF COMPUTER AND MATHEMATICAL SCIENCES
UNIVERSITI TEKNOLOGI MARA, PERLIS

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Assoc Prof Dr Shukor Sanim MOHD FAUZI
PhD in Software Engineering (Australia)
Former Rector, Universiti Teknologi MARA Perlis Branch (2021-2024)
Former Deputy Rector (Research and Industrial Linkages) (2019-2021)
Assoc. Prof in Software Engineering, Universiti Teknologi MARA, Perlis Branch
Guest Lecturer, Temple University, USA
Adjunct Professor, Universitas Airlangga
Visiting Professor, Deztron University
Visiting Professor, Universitas Islam Nadhatul Ulama Jepara
Visiting Professor, Universitas Islam Negeri Sunan Ampel
Visiting Professor, Institut Teknologi Sepuloh Nopember
Visiting Fellow, Universitas Airlangga (UNAIR)
Visiting Researcher, Universitas Islam Riau (UIR)

BIBLIOMETRIC DATA	
Total Articles in Publication List	158 publications Journals – 70 Proceedings – 60 Book Chapter – 5 General publications – 17 Book/Edited Book - 6
Citation	710 (Google Scholar) 320 (Scopus)
H-index	12 (Google Scholar) 9 (Scopus)
Number/Value of Grants Received	48 Grants Total value – RM4,167,515
Intellectual Property	5
Number of Awards	International Awards - 10 National Award - 2 University Awards – 19 Other Awards - 53
Keynote Speaker/Guest Speaker/Invited Speaker	43
Expert Panels	17
Editorial	8
PhD and MSc thesis External Examiner/Internal Examiner	7
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Supervisions (In Progress)	PhD – 4 MSc by Research – 2 Undergraduate Projects – 8
Supervisions (Graduated)	PhD – 1 MSc by Research – 5 Undergraduate Projects - 70
Involvement in the Development of Malaysian Standards/Policy Development	4 Malaysian Standards 3 Policy Development
Contribution to University/Students	73 activities
Community Services	7
Consultation	RM96,786.86
Total Income Generated	RM728,844.50

SHORT BIOGRAPHY

Associate Professor Ts. Dr. Shukor Sanim Mohd Fauzi
Former Rector, Universiti Teknologi MARA (UiTM) Perlis Branch (2021–2024)

Associate Professor Ts. Dr. Shukor Sanim Mohd Fauzi is a distinguished academic and research leader in the field of software engineering. He most recently served as the Rector of Universiti Teknologi MARA (UiTM) Perlis Branch from 2021 to 2024. Prior to this role, he held the position of Deputy Rector (Research and Industrial Linkages) from 2019 to 2021 and has been a long-serving faculty member at the Faculty of Computer and Mathematical Sciences, UiTM Perlis.

Dr. Shukor is also internationally recognized, having served in academic and research roles across several global institutions. He is currently an Adjunct Professor at Universitas Airlangga (Indonesia), Guest Lecturer at Temple University (USA), and Visiting Professor at Universitas Islam Negeri Sunan Ampel (Indonesia). Previously, he was a Visiting Fellow at Universitas Airlangga and a Visiting Researcher at Universitas Islam Riau in 2018.

He holds a Diploma and a Bachelor of Science (Hons) in Information Systems Engineering from Universiti Teknologi MARA (UiTM). He subsequently earned a Master of Science in Computer Science (Real-Time Software Engineering) from the Centre for Advanced Software Engineering, Universiti Teknologi Malaysia. He later completed his PhD in Software Engineering at the University of New South Wales (UNSW), Australia, in collaboration with Data61 (formerly Software Systems Research Group), under the Commonwealth Scientific and Industrial Research Organisation (CSIRO), based at the National ICT Research Centre Australia (NICTA), Australian Technology Park (ATP).

In addition to his academic qualifications, Dr. Shukor has undergone executive training at the University of California, Berkeley under the Executive Development Programme, and he holds a Certificate in High Impact Leadership from the Institute of Leadership and Management (ILM), London.

Dr. Shukor specializes in software engineering, empirical software engineering, mining software repositories, social network analysis, socio-technical congruence, computer-supported collaborative work, and software process improvement. To date, he has secured more than 48 research grants, totalling over RM4.1 million, and has published over 150 scientific works. He is also the editor of five academic books, including the notable *Software Process Improvement and Management: Approaches and Tools for Practical Development*. His excellence in academia and research has been widely recognized through numerous national and international awards. These include:

- Anugerah Tokoh Berpotensi, Anugerah Jaringan Antarabangsa, Anugerah Penerbitan Jurnal Berindeks, and Anugerah Penulis Prolifik (Sains dan Teknologi) (2020)
- Excellence Service Award (2017 and 2021)
- Anugerah Ahli Akademik Harapan (Most Promising Academician, 2017)
- Anugerah Penyelidik Terbaik and Anugerah Penulis Terbaik (2017)
- Vice Chancellor Quality Award (2017)
- CSIRO Research Project Award (Australia, 2010)
- Asia Pacific Networking Fellowship Award (Philippines, 2006)
- Multiple academic and service excellence awards from UiTM (2008–2009)

In addition to his academic pursuits, Dr. Shukor actively contributes to national and international professional bodies. He serves as a member of the Advisory Working Group for the National Artificial Intelligence Office (NAIO), Ministry of Digital, and is a Technical Committee Member for Software Engineering at the Standards and Industrial Research Institute of Malaysia (SIRIM). He is also affiliated with the Malaysia Software Engineering Interest Group (MySEIG), Big Data Malaysia Group, and is the Principal Researcher of the Software Engineering Research Group.

He is a seasoned reviewer for international journals and conferences and has served as a Technical Programme Committee member for numerous global academic events. Furthermore, Dr. Shukor has been invited as a jury panellist for innovation exhibitions by various institutions, including Universitas Riau, Universiti Malaysia Kelantan, Universiti Kuala Lumpur, University of Malaya, Universiti Malaysia Perlis, Universiti Pendidikan Sultan Idris, Universiti Tenaga Nasional, Universiti Utara Malaysia, Universitas Ubudiyah (Indonesia), and UiTM.

CURRENT ADDRESS

Address	:	Faculty of Computer and Mathematical Sciences, Universiti Teknologi Mara, Perlis Campus 02600 Arau, Perlis, Malaysia
Tel (Office)	:	04-988 2000
Tel (Mobile)	:	6019 590 9092
Email	:	shukorsanim@gmail.com
Alternate Email	:	shukorsanim@perlis.uitm.edu.my

PERSONAL PARTICULARS

Age	:	44 years	**Date of Birth**	:	04th Nov 1980
Nationality	:	Malaysia	**Gender**	:	Male
Marital Status	:	Married			
Permanent Residence	:	Malaysia			

EDUCATION

2010 – 2014   **PhD in Software Engineering**
University of New South Wales/National ICT Australia Ltd (NICTA)

2004 - 2005   **Master of Computer Science (Real Time Software Engineering)**
Centre for Advanced Software Engineering, Universiti Teknologi Malaysia

2001 – 2003   **B.Sc (Hons) Information System Engineering**
Universiti Teknologi Mara, Malaysia

1998 - 2001   **Diploma in Computer Science**
Universiti Teknologi Mara, Malaysia

CERTIFICATE

Executive Development Programme, University of California, Berkeley, USA (2023)
Certificate on High Impact Leadership (ILM London UK)

PROFESSIONAL QUALIFICATION

Professional Technologist (Malaysian Board of Technologists)
Microsoft Certified Professional (MCP)
Microsoft Certified Application Developer (MCAD)
Microsoft Certified Trainer (MCT)

ADMINISTRATIVE EXPERIENCE

Rector, Universiti Teknologi MARA Perlis Branch (November 22nd, 2021 – 14th Nov 2024)

Deputy Rector (Research and Industry Linkage), Universiti Teknologi MARA Perlis Branch (August 1st, 2019 – 21 November 2021)

Head of Graduate Studies (Level: University, report direct to Deputy Rector), Universiti Teknologi MARA Perlis (2015 - 2019)

Head of Research and Innovation (*Level: University, report direct to Deputy Rector),* Universiti Teknologi MARA Perlis (2015 - 2019)

EXTERNAL APPOINTMENTS

Ahli Lembaga Pengelola (Board of Directors), Dewan Bahasa dan Pustaka (2022 – 2024)

Group Advisory for National Artificial Intelligence Office, Ministry of Digital, Malaysia

Ahli Jawatankuasa Pelajaran Majlis Agama Islam dan Istiadat Melayu Perlis (MAIPs)

Ahli Lembaga Pengurusan Majlis Sukan Negeri Perlis

Jawatankuasa Teknikal Pembangunan Standard Malaysia (NSC 07/TC/11 Software and Systems Engineering)

Panel of Assessor for Bachelor of Computer Science (Software Engineering), Faculty of Information Technology and Computer Science, University of MalayaProgram Sarjana Muda Sains Komputer (Kejuruteraan Perisian)

Panel Jawatankuasa Pengajian Program, Master Pengurusan Sumber Tanah, Fakulti Pertanian, Universiti Putra Malaysia

Panel Curriculum Review and Academic Development, Universiti Islam Nadhatul Ulama Jepara

AWARDS, SCHOLARSHIPS AND FELLOWSHIPS

2025	*Adjunct Professor,* Universitas Airlangga, Surabaya, Indonesia
	Research Scholar, Attarat Power Company (APCO), Jordan
	Visiting Professor, Universitas Islam Nadhatul Ulama Jepara, Indonesia
	Visiting Professor, Universitas Islam Riau, Indonesia
	Visiting Professor, Universitas Deztron, Indonesia
2024	*Anugerah Penyelidik Harapan* sempena Majlis Penghargaan KPPIM
	Anugerah Penyelidik Prolifik sempena Majlis Penghargaan KPPIM
2023	*Best Award CSR Project (Best Top 3 Winner)* sempena International Symposium on Community Social Responsibility (i-CSR 2023)
	Best CSR Perlis Community (Academician) Best Top 3 Winner sempena

International Symposium on Community Social Responsibility (i-CSR 2023)

2022

Anugerah Penyelidik Cemerlang Kategori Antarabangsa (Sains Teknologi) Tempat Kedua sempena Majlis Anugerah Semarak Sanjung 2021

Anugerah Penerbitan Aktif 2021: Kategori Sains Teknologi Tempat Pertama sempena Majlis Anugerah Semarak Sanjung 2021

Anugerah Penulis Paling Prolifik sempena Majlis Anugerah Semarak Sanjung 2021

Anugerah Penerbitan Jurnal Berimpak Paling Aktif - Majlis Anugerah Semarak Sanjung 2021

2021

Guest Lecturer, Temple University, USA

Visiting Professor, Institut Teknologi Sepuloh Nopember (ITS), Surabaya, Indonesia

2020

Best International Award, conferred during The 1st International Conference of Science and Technology toward New Normal Era 2020

Best International Award of Poster Competition, conferred during The 1st International Conference of Science and Technology toward New Normal Era 2020

Best Oration Project Award, conferred during The 1st International Conference of Science and Technology toward New Normal Era 2020

Anugerah Tokoh Berpotensi, conferred during *Anugerah Semarak Sanjung* Universiti Teknologi Mara, Perlis Campus.

Anugerah Jaringan Antarabangsa, conferred during *Anugerah Semarak Sanjung* Universiti Teknologi Mara, Perlis Campus.

Anugerah Penerbitan Jurnal Berindeks, conferred during *Anugerah Semarak Sanjung* Universiti Teknologi Mara, Perlis Campus.

Anugerah Penulis Prolifik (Sains & Teknologi), conferred during *Anugerah Semarak Sanjung* Universiti Teknologi Mara, Perlis Campus.

2019

Anugerah Semarak Penyelidikan 2019, conferred during *Hari Inovasi* Universiti Teknologi Mara, Perlis Campus.

Anugerah Semarak Penerbitan 2019, conferred during *Hari Inovasi* Universiti Teknologi Mara, Perlis Campus.

2018

Visiting Fellow, Universitas Airlangga (UNAIR), Surabaya, Indonesia

Visiting Researcher, Universitas Islam Riau (UIR), Pekanbaru, Indonesia

Excellence Service Award 2017, conferred during Hari Inovasi Universiti Teknologi MARA, Perlis Campus

2017	***Anugerah Kualiti Naib Canselor 2017 (Vice Chancellor Quality Award 2017)***, conferred during *Hari Inovasi* Universiti Teknologi Mara, Perlis Campus.
	Ahli Akademik Harapan Award 2017 (Most Promising Academician Award 2017), conferred during *Hari Inovasi* Universiti Teknologi Mara, Perlis Campus.
	Anugerah Penyelidik Terbaik (Best Researcher Award) (Science and Technology) 2017, conferred during *Hari Inovasi* Universiti Teknologi Mara, Perlis Campus.
	Anugerah Penulis Terbaik 2017 (Best Author Award 2017), conferred during *Hari Inovasi* Universiti Teknologi Mara, Perlis Campus. Awarded as recognition for publishing 29 publication (indexed journal, proceedings, book chaoter and article in magazine) during the year of 2009.
2016	***Anugerah Inovasi Terbaik 2016 (Best Innovation Award 2016).*** Conferred during *Hari Inovasi* UiTM Perlis 2016.
	Anugerah Perundingan Terbaik (Best Consultation Award 2016). Conferred during *Hari Inovasi* UiTM Perlis 2016.
2010	***PhD Scholarship,*** awarded by Ministry of Education (to further study at the University of New South Wales)
	National ICT Australia Research Project Award, awarded by National ICT Australia Ltd (NICTA), Australia (Organization funded by Government of Australia)
2009	***Most Active Author Award 2009***, during *Hari Anugerah Kualiti* Universiti Teknologi Mara, Perlis Campus. Awarded as recognition for publishing 19 papers (journal, proceeding, book and technical report) during the year of 2009.
	Usaha Bakti Award, during *Hari Anugerah Kualiti* Universiti Teknologi Mara, Perlis Campus. Awarded as recognition for winning 3 silver awards in the Inventions, Innovations and Design (IID) Research Exhibition during the year of 2009.
2008	***Excellence Service Award 2008***. Conferred during *Hari Anugerah Kualiti* UiTM Perlis on 22nd December 2009
	Most Active Researcher Award 2008 for Malaysian Software Engineering Interest Group (MySEIG), A working group focusing on Software Engineering research in Malaysia. Conferred during Malaysian Software Engineering Conference 2008
	Most Active Researcher Award 2008, during *Hari Anugerah Kualiti* Universiti Teknologi Mara, Perlis Campus.
	Most Active Author Award 2008, during *Hari Anugerah Kualiti* Universiti Teknologi Mara, Perlis Campus. Awarded as recognition for publishing 15 papers (journal, proceeding, book and technical report) during the year of 2008.
2007	***Awarded a Fellowship for Asia Pacific Advanced Networking (APAN)***, Pasig Ortigas City Manila, Philippine. Organized by Advanced Science And Technology Institute (ASTI)
2005	***Scholarship,*** awarded scholarship by MARA to further study in Master degree level at the University of Salford *(declined to accept scholarship offer from UiTM)*
	Scholarship, under Young Lecturer Scheme, Universiti Teknologi Mara (to pursue study in Master Degree Level)

OTHER AWARDS

2021

Silver Award, The 5th International Innovation, Design and Articulation (i-IDeA), for Ghat Road Smart Vehicle Detection with Alerting System using Smartphone

Silver Award, The 5th International Innovation, Design and Articulation (i-IDeA), for The Development of Health and Fitness Monitoring Mobile Application

Silver Award, The 10th Seminar on Innovation and Creativity (SIC 2021), for ReFreshEdge: A Smart Device for Assessing Mango Freshness

Silver Award, The 10th Seminar on Innovation and Creativity (SIC 2021), for Software Sustainability Assessment Toolkit Towards Green Computing (SSA-GC)

Silver Award, The 10th Seminar on Innovation and Creativity (SIC 2021), for Development of Cough Recognition for Covid-19 Using Edge Device

Silver Award, The 10th Seminar on Innovation and Creativity (SIC 2021), for Innovation Competition Judging System (V1.0)

Silver Award, The 10th Seminar on Innovation and Creativity (SIC 2021), for IOT Based Smart Ghat with Mobile Alerting Warning System

2020

Gold Award, Invention, Innovation & Technology Exhibition (ITEX), Malaysia, 20-21 Nov 2020 for TTSGA T-way Test Suite Generator.

Gold Award, Invention, Innovation & Technology Exhibition (ITEX), Malaysia, 20-21 Nov 2020 for Argile: A Solution for Halal Industry.

Gold Award, The 1st International Conference of Science and Technology toward New Normal Era 2020, Indonesia for Web Based Innovation Competition Judging System

Gold Award, The 1st International Conference of Science and Technology toward New Normal Era 2020, Indonesia for Ghat Road Smart Vehicle Detection with Alerting System (IoT)

Gold Award, The 1st International Conference of Science and Technology toward New Normal Era 2020, Indonesia for Harumanis Mango Leaf Disease Detection System using Image Processing Technique

2019

Gold Award, The 1st International Conference of Science and Technology toward New Normal Era 2020, Indonesia for IoT-Based Smart Energy Saving Streetlights (SeSS-L)

Gold Award, The 3rd International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC2019), Thailand for IoT Based Smart Energy Saving Street Light

Silver Award, The 3rd International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC2019), Thailand for Virtual Web-based Development of Spatial Based of Property Valuation Information System

Bronze Award, The 3rd International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC2019), Thailand for Public Parking Reservation

System using Mobile Application

Gold Award, The 7th Seminar on Innovation and Creativity for IoT Based Smart Energy Saving Street Light

Silver Award, The 7th Seminar on Innovation and Creativity for Public Parking Rservation System using Mobile Application

Silver Award, The 7th Seminar on Innovation and Creativity for College Activity Attendance Registration and Scrutinization System using Barcode Scanner (CollAARS)

Silver Award, Innovative Research, Invention and Application Exhibition 2019 (I-RIA2019) for College Activity Attendance Registration and Scrutinization System using Barcode Scanner (CollAARS)

2018

Gold Award, The 2nd International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC2018), Indonesia for M-learning: Atomic Orbital Viewer of Element for STEM

Silver Award, The 2nd International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC2018), Indonesia for Disabled Parking System (DiParkSys v1.0)

Silver Award, *The* 2nd International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC2018), Indonesia for Solid Waste Management System

Silver Award, *The* 2nd International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC2018), Indonesia for Activity Attendance Monitoring System

Bronze Award, The 4th International Innovation Design and Articulation (i-IDeA2018) for Integrating Notification and Alarm System in Disabled Parking System

Bronze Award, The 4th International Innovation Design and Articulation (i-IDeA2018) for Solid Waste Management Monitoring System

Bronze Award, The 4th International Innovation Design and Articulation (i-IDeA2018) for Activity Attendance Monitoring System

Bronze Award, The 4th International Innovation Design and Articulation (i-IDeA2018) for Prediction of Sports Suitability for Athletes Based on Physical Fitness Score using Artificial Neural Network

Bronze Award, The 4th International Innovation Design and Articulation (i-IDeA2018) for Smart Internet of Things Garbage Bin

Silver Award, The 4th International Innovation Design and Articulation (i-IDeA2018) for Automated Malaise Trap Monitoring System

Silver Award, The 5th Seminar on Innovation and Creativity, for Disabled Parking System (DiParkSys v1.0)

Bronze Award, The 5th Seminar on Innovation and Creativity, for Activity Attendance Monitoring System

Silver Award, The 5th Seminar on Innovation and Creativity, for Solid Waste

Management System

2017	**IEEE Computer Society Special Award** The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Determining Environmental Factors Of Road Accidents Using Fuzzy Topsis

Gold Award during iCOMPEX 2017 for the project entitled Spatial Atomic Orbital Viewers

Silver Award during Innovation, Research, Invention and Application Exhibition (IRIA 2017) for the project entitled Data Visualization for Car Crash using Interactive Map

Gold Award during The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Repeater.MY

Silver Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for NDT Apps

Silver Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for MySihat: Mobile Application for Health Risk Assessment

Silver Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Disabled Parking System using Android and RFID

Silver Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Prediction of Dengue Outbreak in Selangor Using Fuzzy Logic

Bronze Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Visualise Vehicle Crash Data Using Interactive Map and Data Dashboard

Bronze Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Atomic Orbital Viewer of Element in Periodic Table

Bronze Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Determining Environmental Factors Of Road Accidents Using Fuzzy Topsis

Bronze Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Ranking Environmental Factor Of Road Accident Using Fuzzy Ahp

Bronze Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for TiO2 Perovskite for Future Solar Cell

Bronze Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Issues of Coordination and its Impact on Project Performance: A Brief Literature

Bronze Award The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT SIC 2017) for Issues and Impact of Coordination on the Quality of Software: A Systematic Review of the Literature

2016	**Gold Award** during Innovation and Creative Education Aids Competition 2016

(i-CREATE) for the project entitled Repeater.My: Mobile Amateur Radio Repeater Finder

Bronze Award during the 3rd International Invention, Design and Articulation (i-IDeA 2016) for the project entitled "Postgrad V1.0"

Bronze Award during the 3rd International Invention, Design and Articulation (i-IDeA 2016) for the project entitled "Mobile Fidyah Calculator"

Silver Award during Innovative Research, Invention and Application Expo 2016 (I-RIA 2016) for the project entitled "Academic Performance Management System (APMS) For Primary Student Examinations"

Bronze Award during Innovative Research, Invention and Application Expo 2016 (I-RIA 2016) for the project entitled "M-Learning of Atomic Orbital for Element in Periodic Table"

2015   **Gold Award** during 4th International Invention, Innovation and Design Exhibition 2015 (INDES 2015) for the project entitled "Mobile Fidyah Calculator"

Silver Award during Mobile Apps Development Technology, Exhibition and Competition (#MyAppsTEC2015) for the project entitled "Tasker-A Cloud Based Collaborative Project and Task Management App on Mobile Platform"

2009   *Silver Award* during The Inventions, Innovations and Design (IID), UiTM Research Exhibition for the project entitled "Software Process Maturity Assessment Model", 2009

Silver Award during The Inventions, Innovations and Design (IID), UiTM Research Exhibition for the project entitled "Improving Performance of Authorization Process in Credit Card System Using Singleton Design Pattern & Thread Level Parallelism", 2009

Silver Award during The Inventions, Innovations and Design (IID), UiTM Research Exhibition for the project entitled "Automating a Modified Personal Software Process", 2009

Bronze Award during Malaysia Technology Expo (MTE 2009), Malaysia Research Exhibition for the project entitled "Multi-Threading Technique for Credit Card Authorization System", PWTC, Kuala Lumpur, 2009

Silver Award during Malaysia Technology Expo (MTE 2009), Malaysia Research Exhibition for the project entitled "Improving Performance of Authorization Process in Credit Card System Using Singleton Design Pattern & Thread Level Parallelism", PWTC, Kuala Lumpur, 2009

Silver Award during 20th International Invention, Innovation & Technology Exhibition 2009 (ITEX 2009) (15-17 May 2009) for the project entitled "Hyper Processing Engine", Kuala Lumpur, Malaysia.

Bronze Award during 20th International Invention, Innovation & Technology Exhibition 2009 (ITEX 2009) (15-17 May 2009) for the project entitled "RFID Tag for Halal Food Tracking in Malaysia", KLCC, Kuala Lumpur, Malaysia.

Silver Award during EKSPIN Research Exhibition (2009) for the project entitled "Software Process Maturity Assessment Model", UPSI, Perak, Malaysia

Bronze Award during EKSPIN Research Exhibition (2009) for the project entitled

""The Effect of Pair Programming in Programming Language Subject", UPSI, Perak, Malaysia

2008	***Bronze Award*** during The Inventions, Innovations and Design (IID), UiTM Research Exhibition for the project entitled "Software Configuration Management Repository for Small Medium Enterprise", 2008
2007	**Represent** Universiti Teknologi Mara (UiTM) for Faculty Sabbatical Program at SATYAM Computers, Hyderabad, India, 4-29th February 2008
	Represent Universiti Teknologi Mara (UiTM) for Faculty Development Program (Collaboration Program Ministry of Higher Education-SATYAM Computers) at Universiti Tenaga Nasional (UNITEN), Disember 2007
	Represent Universiti Teknologi Mara, Perlis Campus for "Future Research Leader" programme

INTELLECTUAL PROPERTY

Hairpin-bend Traffic Alert System (HTAS)
Disposable Hand Made Faceshield
Covid-19 Lockdowns Pollution Emission Monitoring (COVPOLL)
Trade Mark for Spato View
Trade Mark for Symposium on Innovation and Creativity

EMPLOYMENT HISTORY

2019 – Current – Associate Professor, Faculty of Computer and Mathematical Sciences
2010 – 2019 – Senior Lecturer DM52, Faculty of Computer and Mathematical Sciences
2018 - Visiting Fellow, Universitas Airlangga (UNAIR), Surabaya, Indonesia
2018 - Visiting Researcher, Universitas Islam Riau (UIR), Pekanbaru, Indonesia
2008 - Faculty Sabbatical Program at SATYAM Computers, Hyderabad, India
2006-2009 – Lecturer DM45, Faculty of Computer and Mathematical Sciences
2005 – Systems Engineer, Infopro Ltd (Global IT banking solution)
2005 – Professional Internship (HeiTech Padu Berhad, IT Solution company)
2005 – Professional Internship (Felda Prodata – IT Services company)
2004 – Analyst Programmer , MODENAS Sdn Bhd

PROFESSIONAL AFFILIATIONS/MEMBERSHIP

Principal Researcher, Applied Computing and Technology Research Group

Chairman, Northern Region Big Data Research Group

External Member, Malaysian Big Data Research Interest Group, University of Malaya (since 2014)

Member, Advanced Computing Machinery (ACM) (since 2009)

Member, IEEE (Since 2009)

Member, Software Process Improvement Network (SPIN) MSC Malaysia (since 2005)

Member, International Association of Engineers (IAENG) (since 2009)

IAENG **Member** of Computer Science (since 2009)

IAENG **Member** of Software Engineering (since 2009)

Member, International Association of Computer Science and Information Technology (IACSIT)

Fellowship Asia Pacific Advanced Networking (23rd APAN Conference), Manila, Phillipine (2007)

Member, Malaysian Software Engineering SIG Group (since 2006)

KEYNOTE SPEAKER/ INVITED SPEAKER / GUEST SPEAKER / SESSION CHAIR

1. **Invited Speaker,** Seminar on Forestry Science & Technology Innovation Education Cooperation between China, South Asia, and Southeast Asia, China

2. **Invited Speaker,** Tokyo University of Agriculture, Tokyo, Japan

3. **Guest Lecture,** Temple University, USA

4. **Invited Speaker,** Techbridge 2025, UiTM-Universitas Gadjah Mada.

5. **Invited Speaker,** *International Conference on Holistic Opportunities for Poverty Empowerment* (ICOHOPE 2025)

6. **Guest Lecture,** Improving scientific publication skills in the digital era, Centre of Postgraduate Studies, Universitas Islam Nadhatul Ulama Jepara, Indonesia

7. **Guest Lecture**, Technology Seminar: Internet Of Things (IOT) Challenges And Opportunities In Various Fields, Faculty of Science and Technology, Universitas Islam Nadhatul Ulama Jepara, Indonesia

8. **Guest Lecture,** Harnessing Digital Technology to Enhance Educational Effectiveness, Faculty of Tarbiyah and Teacher Training, Universitas Islam Nadhatul Ulama Jepara, Indonesia

9. **Keynote Speaker**, International Conference on Islamic Economics, Finance, and Business, Universitas Islam Nadhatul Ulama Jepara, Indonesia

10. **Keynote Speaker,** Program Studi Teknik Informatika Universitas Nahdlatul Ulama Sunan Giri, Bojonegoro, Indonesia.

11. **Ahli Panel,** 'Menaikkan Siling – Negara Berasaskan AI' sempena Minggu Ekonomi dan Kewangan Awam anjuran Kementerian Ekonomi.

12. **Ahli Panel,** Forum 'Tanistats – Pendigitilan Pertanian' anjuran DOSM Perlis

13. **Keynote Speaker,** Jepara International Conference, Indonesia

14. **Keynote Speaker,** Webinar on Research and Academic Excellence, UiTM

15. **Invited Speaker**, International Research Webinars Series 1: Computer Science, Universitas Islam Negeri Sunan Ampel, Surabaya, Indonesia

16. **Invited Speaker,** National Confeernce on Intelligent Secure Smart Systems (NCISSS-2021), Hyderabad, India

17. **Invited Speaker,** Artificial Intelligence Webinar Series 18, Universiti Tun Hussein Onn (UTHM), Malaysia

18. **Guest Speaker**, Guest Lecture Series (GLS) on Sustainable Development Goals (SDGs), Institut Teknologi Sepuluh Nopember (ITS), Indonesia

19. **Guest Speaker,** Researcher and Research Student Enrichment Program (R2 SEP), Institut Teknologi Sepuluh Nopember (ITS), Indonesia

20. **Moderator,** Postgraduate Online Seminar,Envisioning the Future of Postgraduate Education and Beyond

21. **Invited Speaker** during The 1st Joint International Webinar 2020 - Software Engineering Series, organized by Telkom University, Indonesia

22. **Invited Speaker** during International Webinar on Computing and Analytical Sciences 2020 organized by Universiti Teknologi MARA, Perlis Branch in collaboration with Universitas Islam Riau, Universitas Islam Negeri Suska Riau, Universiti Putra Malaysia

23. **Invited Speaker** during The 1 International Conference of Science and Technology towards New Normal Era 2020 (ICOSTONE), Universitas Airlangga, Indonesia

24. **Invited Speaker** Bengkel Penulisan Geran FRGS 2020, UiTM Cawangan Perlis

25. **Invited Speaker** Bengkel R&D 2020 Sekolah Menengah Sains Pokok Sena

26. **Invited Speaker** during **The 2nd International Conference on Information Technology and Applied Mathematics (ICITAM 2019)**, India

27. **Invited Speaker,** Bengkel Penulisan Artikel Pendek, UiTM Cawangan Perlis

28. **Invited Speaker** during International Business and Economic Conference Kedah (iBECK 2018), Malaysia

29. **Guest**, Selamat Pagi Malaysia for Innovation Slot - July 2018

30. **Guest**, Selamat Pagi Malaysia for Innovation Slot - March 2018

31. **Guest Speaker,** Special Seminar at Silpakorn University, Bangkok, Thailand

32. **Speaker**, **Guide to Getting Published**, Universitas Airlangga, August 2018

33. **Invited Talk**, Transforming FYP to Paper Publication, Faculty of Computer and Mathematical Sciences, UiTM Perlis

34. **Invited Talk**, Workshop on Designing Effective Poster for Innovation at Sekolah Menengah Agama (P) Alawiyah (SMKAP), Kangar, Perlis

35. **Invited Talk**, Workshop on Writing Abstract for Research and Innovation at Sekolah Menengah Agama (P) Alawiyah (SMKAP), Kangar, Perlis

36. **Invited Talk**, Research and Innovation at Maktab Rendah Sains Mara, Berseri, Perlis

37. **Invited Speaker**, FRGS Fast Track Workshop

38. **Facilitator**, Basic Elements of Thesis Workshop

39. **Session Chair,** Joint International Conference on Emerging Computing Technology and Sports 2017

40. **Invited Speaker**, Faculty of Integrated Technologies, Universiti Brunei Darussalam - 2017

41. **Invited Speaker** - Seminar on Development and Innovative Work in ASEAN Networking (8-9 August 2016), organized by Prince of Songkla University, Pattani

42. **Keynote Speaker** during "Colloquium in Computer and Mathematical Sciences Education" organized by Universiti Teknologi MARA Perlis

43. **Trainer** Microsoft SQL Server for 3P Programme under Ministry of Higher Education Malaysia

EXPERT PANELS

1. **Technical Committee on Software Engineering (TC/G/11)**, Standard and Industrial Research Institute of Malaysia (SIRIM) (since 2007) - Involve in developing software engineering standard for Malaysia

2. **Panel of Assessor** for Bachelor of Computer Science (Software Engineering), Faculty of Information Technology and Computer Science, University of MalayaProgram Sarjana Muda Sains Komputer (Kejuruteraan Perisian)

3. **Panel** Jawatankuasa Pengajian Program, Master Pengurusan Sumber Tanah, Fakulti Pertanian, Universiti Putra Malaysia

4. **Panel** Curriculum Review and Academic Development, Universiti Islam Nadhatul Ulama Jepara

5. **FRGS Grant Panel**, Universiti Teknologi MARA

6. **Panel Penilai** Manuskrip Buku terbitan Universiti Tun Hussein Onn (UTHM)

7. **Expert Panel,** Model Pengukuran Tahap Kesediaan Pekerja Untuk Berkongsi Pengetahuan di Jabatan Hal Ehwal Kesatuan Sekerja, Universiti Kebangsaan Malaysia

8. **Invited Panel,** UiTM Perlis Internal Grant (Monitoring)

9. **Fasilitator,** Faizuddin Centre of Educational Excellence (FCoEE)

10. **Invited Panel,** Bengkel Pemurnian FRGS 2021, UiTM Cawangan Perlis

11. **Panel,** PhD Colloqium, Faculty of Computer and Mathematical Sciences, Universiti Teknologi MARA

12. **Expert Panel,** Model Pengukuran Tahap Kesediaan Pekerja untuk Berkongsi Pengetahuan di Jabatan Hal Ehwal Kesatuan Sekerja

13. **Technical Advisory Panel**, Kolej Vokasional Kangar

14. **Think-Tank**, Makmal Instruktional Pengetua Negeri Perlis

15. **International Steering Committee,** International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMITSIC) 2018, 2019,2021

16. **International Advisory Board,** 4th International Conference on Data Management, Analytics and Innovation (ICDMAI-2020), New Delhi, India

17. **Expert Panel** International Engineering Research and Innovation Symposium 2017, UTHM Commercial Sdn Bhd

18. **Expert Panel** International Engineering Research and Innovation Symposium 2016 (IRIS 2016), UTHM Commercial Sdn Bhd

EDITORIAL

1. **Advisory Board Member,** Jurnal Intelek

2. **Associate Editor,** Computer Science and Information Technologies

3. *Editorial Board*, Journal of Information Systems Engineering and Business Intelligence (JISIBE), Universitas Airlangga

4. *Editor*, The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity 2017

5. *Editorial Head* Software Process Improvement and Management: Approaches and Tools for Practical Development. A joint publication project with University of Malaya, Universiti Pendidikan Sultan Idris and Universiti Teknologi Malaysia

6. *Editor*, Journal of Computing Research and Innovation, Faculty of Computer and Mathematical Sciences

7. *Editor*, Colloquium in Computer & Mathematical Sciences 2015 (CCMSE 2015)

8. *Editor* CRINN 1 and CRINN 2

VIVA PANEL/CHAIRPERSON

1. PhD External Examiner, Li Jao, Management and Science University
2. PhD Internal Examiner, Hu Huiyong, Universiti Teknologi MARA
3. MSc Internal Examiner, Nursyuhaila Bt Yahaya, Universiti Teknologi MARA
4. PhD DRP Panel of Examiner, Nor Haniza Bt Ramli, Universiti Teknologi MARA
5. MSc DRP Chairman of Examiner, Nur Arifah Diyanah Muhammad Rizal, Universiti Teknologi MARA
6. Panel for MSc Defense of Research Proposal - Haryati Ahmad Fauzi, Universiti Teknologi MARA
7. Chairperson for Pre-Viva Session – Yusmarini Yusoff, Universiti Teknologi MARA

INVITED JURY

1. **Invited Jury,** 5th International Borneo Innovation Exhibition & Competition (IBIEC) 2025

2. *Invited Jury,* International Virtual Competition of Creative & Innovative Idea (IVCCII)

3. *Invited Jury,* Malaysia Startup Challenge 2025

4. *Invited Jury,* Research Innovation in Mathematics and Computer Sciences (REMACS)

5. **Invited Jury,** International Development, Research & Innovation Exhibition (iDRIVE 2025)

6. *Invited Jury,* INVENTOPIA 2025

7. *Invite Jury, Innovex 2025*

8. *Invited Jury,* 2nd International Undergraduates Poster Competition (IUPC) 2022

9. *Invited Jury,* 2nd National Digital Technology and Education Conference 2024

10. *Invited Jury,* International Competition "Modern Education & Technology Advancements In Research And Innovation For Sustainable Excellence

11. ***Head of Panel Jury,*** The International Borneo Innovation Exhibition & Competition (IBIEC) 2021

12. *Invited Jury,* International Eureka Innovation Exhibition 2021

13. *Invited Jury,* The 4ᵗʰ International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMITSIC)

14. *Invited Jury,* National Innovation and Invention Competition Through Exhibition 2021 (iCOMPEX 2021)

15. *Invited Jury,* Darulaman International Innovation, Competition and Exhibition (DIICE 2021)

16. *Invited Jury,* Virtual Exhibition Of Research, Idea & Innovation On Creative And Humanizing (VIE-RIICH 2021)

17. *Invited Jury,* ICOSTONE 2020, Indonesia

18. *Invited Jury,* Malaysia Technology Expo 2020 (MTE 2020)

19. *Invited Jury,* Invention, Innovation & Design Exposition (IIDEX 2020)

20. *Invited Jury, i-COMPEX,* Politeknik Sultan Abdul Halim Muadzam Shah

21. *Invited Jury,* Malaysia Technology Expo 2019 (MTE 2019)

22. *Invited Jurt,* EIE Eureka, Universiti Kuala Lumpur (EIE Eureka 2019)

23. *Invited Jury,* Pertandingan Inovasi Darulaman Peringkat Kebangsaan (PRISM'19)

24. *Invited Jury* The 3ʳᵈ International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMITSIC2019), Thailand

25. *Invited Jury,* Penang IID (PIID2019)

26. *Invited Jury* EUREKA 2018, Universiti Kuala Lumpur (UniKL)

27. *Invited Jury* Invention, Innovation & Design Exposition (IIDEX 2018)

28. *Invited Jury* iDBOS 2018 (Innovation and Blue Ocean Strategy Exhibition), Institut Perguruan Darulaman (IPGDA)

29. *Invited Jury* Asia Innovation Show (AIS) 2018, Penang, Malaysia

30. *Invited Jury* Science and Mathematics Olympiad 2018

31. *Invited Jury* The 2ⁿᵈ International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMITSIC2018), Pekanbaru, Indonesia

32. *Invited Jury* The International Art Creativity Engineering Exhibition 2017 (i+Aceh 2017) (Univ Ubudiyah Indonesia, Banda Aceh)

33. *Invited Jury* International Innovation Invention and Design Conference and Competition (ICON 2017)

34. *Invited Jury* Innovative Research Invention and Application Exhibition 2017 (UUM)

35. *Invited Jury* The 2nd Seminar on Innovation and Creativity 2017 (2nd SIC 2017)

36. *Invited Jury* The 3rd Seminar on Innovation and Creativity 2017 (3rd SIC 2017)

37. *Invited Jury* Pameran Penyelidikan dan Inovasi, Universiti Malaysia Kelantan 2016 (UMK)

38. *Invited Jury* International Invention & Innovative Competition 2016 (InIIC)

39. *Invited Jury* Pertandingan Rekacipta dan Inovasi Institusi Pengajian Swasta (PERINTIS 2016)

40. *Invited Jury* The 1st Seminar on Innovation and Creativity 2016 (1st SIC 2016)

41. *Invited Jury* The 3rd International Invention, Design and Articulation (i-IDeA 2016), Dewan 2020, Kangar, Perlis

42. *Invited Jury* The 3rd International Invention, Design and Articulation (i-IDeA 2016), Satellite Event E,F,G, Kota Bharu, Kelantan

43. *Invited Jury* EUREKA International Innovation Event (EIE 2016), Universiti Kuala Lumpur (UniKL)

44. *Invited Jury* The International Engineering Invention Innovation Exhibition UNIMAP (I-ENVEX 2015)

45. *Invited Jury* Ekspo Rekacipta dan Pameran Penyelidikan (EREKA 2015) Universiti Malaysia Perlis (UNIMAP)

46. *Invited Jury* Computing Project Student Showcase 2015, Universiti Pendidikan Sultan Idris

47. *Invited Jury* Anugerah Projek Akademik Cemerlang 2015 (APAC), University of Malaya

INTERNATIONAL TECHNICAL COMMITTEE /REVIEW ACTIVITIES (JOURNALS/CONF)

1. **Reviewer** Journal of Transport and Health (Impact Factor Journal = 2.774)

2. **Reviewer** Malaysian Journal of Computer Science (MJCS) – (Scopus indexed journal)

3. **Reviewer** Journal of Advanced Manufacturing Technology

4. **Reviewer** Journal of Information Systems Engineering and Business Intelligence (JISIBE)

5. **Reviewer** Journal of Computing Research and Innovation (JCRINN)

6. **Reviewer** International Journal of Advanced Computer Science and Applications (IJACSA) (Scopus indexed journal)

7. **Reviewer** Computational Intelligence for Software Systems

8. **Reviewer,** PeerJ

9. **Reviewer** IEEE Access

10. **Reviewer** Inter Journal of Computing and Digital Systems'20

11. **Reviewer** Bulletin of Electrical Engineering and Informatics

12. **Reviewer** Computer Science and Information Technologies

13. **Reviewer** Indonesian Journal of Electrical Engineering and Computer Science

14. **Reviewer,** International Journal of Electrical and Computer Engineering

15. **Reviewer,** The Philippine Journal of Arts, Science and Technology

16. **Reviewer** Jurnal Intelek

17. **Programme Committee** 20th International Conference on Evaluation of Novel Approaches to Software Engineering (ENASE 2025)

18. **Programme Committee,** SLE Artifact Evaluation 2025

19. **Reviewer,** 2023 International Conference on Artificial Intelligence Robotics, and Signal Processing (AIRoSIP)

20. **Reviewer,** 2023 IEEE Jordan InternationalJoint Conference on Electrical Engineering and Information Technology (JEEIT))

21. **Reviewer,** 10th International Conference on Computer and Communication Engineering (ICCCE)

22. **Committee Member,** 2025 6th International Conference on Information Technology, Advanced Mechanical and Electrical Engineering (ICITAMEE))

23. **Reviewer,** 2025 9th International Conference on InformationTechnology, Information Systems and Electrical Engineering (ICITISEE))

24. **Reviewer,** Multimedia University Engineering Conference 2025 (MECON 2025)

25. **Reviewer** The 8th Technology and Innovation and International Conference (TECHON) 2025

26. **Reviewer,** International Conference on Computer Science, Information Technology and Electrical Engineering 2021

27. **Reviewer** The 6th Technology and Innovation and International Conference (TECHON) 2021

28. **Reviewer** The 4th International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMITSIC 2021)

29. **Reviewer** 12th International Conference on Information Technology in Asia 2021 (CITA'21)

30. **Reviewer,** Technology and Innovation International Conference 2021

31. **Reviewer,** 2021 8th International Conference on Computer and Communication Engineering (ICCCE 2021)

32. **Reviewer,** 2021 International Conference on Electronic and Electrical Engineering and Intelligent System (ICE3IS)

33. **Reviewer,** International Conference on Information Technology (ICIT)

34. **Reviewer,** 2021 2nd International Conference on Information Technology, Advanced Mechanical and Electrical Engineering (ICITAMEE)

35. **Reviewer,** 25th International Computer Science and Engineering Conference (ICSEC)

36. **Reviewer,** 2021 International Conference on Comouter Science, Information Technology and Electrical Engineering (ICOMITEE 2021)

37. **Reviewer,** 2021 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT)

38. Reviewer, 2021 International Conference on Innovation and Intelligence for Informatics, Computing and Technologies (3ICT)

39. **Reviewer,** 12th International Conference on Information Technology in Asis 2021 (CITA'21)

40. **Reviewer,** 9th International Conference on Information and Communication Technology (ICOICT 2021)

41. **Reviewer** 9th International Conference on Information and Communication Technology (ICoICT 2021), Indonesia

42. **Technical Committee**, Knowledge Management International Conference 2021 (KMICe 2021)

43. **Reviewer** 10th IEEE International Conference on Control System, Computing and Engineering

44. **Reviewer** 8th International Conference on Information and Communication Technology (ICoICT 2020), Indonesia

45. **Reviewer** 2020 10th IEEE International Conference on Control System, Computing and Engineering (ICCSCE 2020), Malaysia

46. **Reviewer** Global Research Conference (GRaCE2020)

47. **Reviewer** 10th National Conference in Education Technical & Vocational Education Training (Cie-TVET 2020)

48. **Reviewer** 2020 International Conference on Innovation and Intelligence for Informatics, Computing and Technologies (3ICT)

49. **Reviewer** Asia Pacific Software Engineering Conference (APSEC2019)

50. **Reviewer** The 23rd International Computer Science and Engineering Conference, Thailand

51. **Reviewer** International Conference on Recent Advancements In Science And Technology 2019

52. **Reviewer** International Conference on Data Science and Intelligent Application (ICDSIA-19), India

53. **Reviewer** The 3rd International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMITSIC2019), Thailand

54. **Reviewer** International Symposium on Electrical and Electronics Engineering, ISEE2019

55. **Reviewer** The 2nd Joint International Conferences on Emerging Computing Technology and Sports 2019, Indonesia

56. **Reviewer** Advances in Intelligent System Modeling and Control (AISMC 2019)

57. **Reviewer** 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT)

58. **Technical Programme Committee,** 4th International Conference on Data Management, Analytics and Innovation (ICDMAI-2020), New Delhi, India

59. **Reviewer** The 2nd Joint International Conferences on Emerging Computing Technology and Sports 2019

60. **Reviewer** 2019 Advanced Research on Applied Mathematics and Applied Science in Engineering (ARAMSE)

61. **Reviewer** Research and Innovation Symposium and Exposition (RISE)

62. **Reviewer** 11th Malaysian Software Engineering Conference (MySEC2018)

63. **Reviewer** 2019 Advanced Research on Applied Mathematics and Applied Science in Engineering (ARAMSE)

64. **Reviewer** The 2nd Joint International Conferences on Emerging Computing Technology and Sports 2019

65. **Reviewer** IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT) 2019

66. **Reviewer** Advances in Intelligent System Modelling and Control (AISMC 2019)

67. **Reviewer** 2018 Fourth International Conference on Information Retrieval and Knowledge Management (CAMP2018)

68. **Reviewer** Terengganu Multidisciplinary International Conference 2018 (TeMIC2018)

69. **Reviewer** National Innovation and Invention Competition Through Exhibition 2018 (iCOMPEX2018)

70. **Reviewer** 6th International Conference on Information and Communication Technology (ICoICT2018)

71. **Reviewer** 2018 IEEE Conference on Application, Information and Network Security (AINS) (AINS2018)

72. **Reviewer** 2018 IEEE Conference on Big Data and Analytics (ICBDA 2018))

73. **Reviewer** International Conference on Computer and Communication Engineering (ICCCE 2018)

74. **Reviewer** The 2018 4th International Conference on Education and Technology (ICET)

75. **Reviewer** 2018 3rd International Conference on Information Technology, Information System and Electrical Engineering (ICITISEE)

76. **Reviewer** The 7th International Conference on Computing and Informatics 2019 (ICOCI2019)

77. **Reviewer** 2018 6th International Conference on Information and Communication Technology (ICoICT)

78. **Reviewer** 3rd International Sciences, Technology and Engineering Conference – Computer Science & Technology (ISTEC-CoST 2018)

79. **Reviewer** 2018 IEEE Conference on Wireless Sensors (ICWiSE) (ICWiSe2018)

80. **Reviewer** The International Symposium on Mathematical Sciences and Computing Research (iSMSC) 2018

81. **Reviewer** 2018 2nd International Conference on Philosophy, Theology and Oriental Studies

82. **Reviewer** 2018 2nd Progress in Electronics Engineering, Computer Engineering and Information Technology

83. **Reviewer** 2018 3rd International Symposium of Information and Internet Technology (SYMINTECH)

84. **Reviewer** 2018 2nd International Symposium on Social Sciences, Arts and Humanities

85. **Reviewer** 2017 IEEE Conference on Application, Information and Network Security

86. **Reviewer** 13th IEEE Colloquium on Signal Processing and its Applications

87. **Reviewer** International PostGraduate Conference on Engineering, Science & Technology

88. **Reviewer** 2017 2nd International Conference on Information in Business and Technology

89. **Reviewer** International Conference on Advances in Computing, Communications and Informatics

90. **Reviewer** 3rd International Conference on Industrial Internet of Things 2017

91. **Reviewer** 1st International Conference on Big Data and Cloud Computing 2017

92. **Reviewer** International Conference on Computing and Informatics 2017

93. **Reviewer** 1st International Conference on Green and Sustainable Computing 2017

94. **Reviewer** iCOMPEX 2017

95. **Reviewer** 2017 Recent Development in Sciences, Engineering and Computer Sciences International Conference

96. **Reviewer** 1st International Workshop on Software-driven Big Data Analytics

97. **Reviewer,** 2016 International Conference on Applied Computing, Mathematical Sciences and Engineering (ACME2016), Johor, Malaysia

98. **Reviewer,** 2016 Advanced Research in Engineering and Information Technology International Conference (AREITIC)

99. **Reviewer,** 2016 Advanced Research in Electronic Engineering and Information Technology International Conference (AVAREIT)

100. **Reviewer,** 3rd International Conference on Information Retrieval and Knowledge Management (CAMP'2016)
101. **Reviewer,** 2016 Education in Science, Technology and Social Science World Conference (EDUST 2016)

102. **Reviewer,** 4th International Conference on Information and Communication Technology (ICoICT 2016)

103. **Reviewer,** The 6th International Conference on Science and Technology (ICSTIE 2016)

104. **Reviewer,** 2016 Progress in Applied Mathematics in Science and Engineering (PIAMSE'2016)

105. **Reviewer,** 2016 Progress in Computer Sciences and Information Technology International Conference (PROCSIT 2016)

106. **Reviewer,** 2016 Recent Research in Social Sciences International Conference (SOCSIC 2016)

107. **Reviewer,** International Conference on Information and Social Science (ISS 2016), Sapporo, Japan

108. **Reviewer,** International Conference on Information Science, Technology, Management, Humanities & Business (ITMAHUB'2016)

109. **Reviewer,** The 4th International Conference on User Science and Engineering 2016 (i-

USEr 2016)

110.   **Reviewer**, International Conference on Computer and Communication Engineering 2016, Malaysia

111.   **Reviewer,** 2016 Progress in Applied Mathematics in Science and Engineering (PIAMSE 2016)

112.   **Reviewer,** 2016 Progress in Computer Sciences and Information Technology International Conference (PROCSIT 2016)

113.   **Reviewer,** 2016 Recent Research in Social Sciences International Conference (SOCSIC)

114.   **Reviewer,** 2016 World International Conference on Islamic Sciences (WICOIS 2016)

115.   **Reviewer,** 2016 International Symposium on Social Sciences, Arts and Humanities (SYSSARM)

116.   **Reviewer,** International Conference on the Future of ASEAN (ICOFA 2015)

117.   **Reviewer,** 2015 International Symposium on Mathematical Sciences and Computing (iSMSC 2015)

118.   **Reviewer,** 4th International Conference on Information and Communication Technology (ICoICT 2015)

119.   **Reviewer,** 2015 IEEE Conference on Open Systems (ICOS 2015)

120.   **Reviewer,** Colloquium in Computer and Mathematical Sciences Education (CCSME 2015)

121.   **Reviewer,** 5th International Conference on IS Management and Evaluation ICIME 2015

122.   **Subeditor** Journal of Internet and Information Systems (JIIS)

123.   **Reviewer,** International Conference on Computing and Informatics (ICOCI, 2015), Istanbul, Turkey

124.   **Reviewer,** 24th IBIMA Conference, Milan, Italy

125.   **Reviewer**, The International Conference on Data Mining, Internet Computing, and Big Data (BIGDATA 2014), Malaysia

126.   **Reviewer,** Knowledge Management International Conference (KMICE 2014)

127.   **Reviewer,** International Conference on Information and Social Science (ISS 2014), Nagoya, Japan

128.   **Reviewer,** The Third International Conference on Informatics Engineering and Information Science, Lodz, Poland

129.   **Reviewer,** 5th International Conference on IS Management and Evaluation (ICIME 2014)

130.   **Reviewer**, International Conference on Computer and Communication Engineering 2014, Malaysia

131.   **Reviewer**, 5th International Conference System and System Graduate Research, Malaysia

132.   **Reviewer**, Knowledge Management International Conference 2014, Malaysia

133.   **Reviewer**, 4th IEEE Control and System Graduate Research Colloquium (ICSGRC 2013), Malaysia

134.   **Reviewer**, 2013 International Conference on System Engineering and Technology (ICSET 2013)

135.   **Reviewer**, 2012 IEEE Business, Engineering & Industrial Applications Colloquium (BEIAC 2012), Malaysia

136.   **Reviewer**, 2012 IEEE Symposium on Humanities, Science & Engineering Research (SHUSER 2012), Malaysia

137.   **Reviewer**, 2012 IEEE Symposium on Computers & Informatics (ISCI 2012), Malaysia

138.   **Reviewer**, 2011 IEEE Colloquium on Humanities, Science & Engineering Research (CHUSER 2011), Malaysia

139.   **Reviewer**, 2011 International Conference on Computer Applications and Industrial Electronics (ICCAIE 2011), Malaysia

140.   **Reviewer**, 2011 International Conference on Electronic Devices, Systems & Applications (ICEDSA 2011), Malaysia

141.   **Reviewer**, 2011 International Conference on Business, Engineering and Industrial Applications (ICBEI 2011), Malaysia

142.   **Reviewer**, 2011 IEEE Symposium on Computers and Informatics, Malaysia

143.   **Reviewer**, 4th International Conference on Mechatronics 2011 (ICOM'11), Malaysia

144.   **Reviewer**, International Conference on Open Systems (2011), Malaysia

145.   **Reviewer**, 2011 IEEE Symposium on Computers and Informatics (ISCI 2011)

146.   **Reviewer**, 2011 International Symposium on Business, Engineering & Industrial Applications (ISBEIA 2011)

147.   **Reviewer**, 2011 IEEE Symposium on Industrial Electronics and Applications (ISIEA 2011)

148.   **Reviewer**, The Third International Conference on Networked Digital Technologies (NDT 2011)

149.   **Reviewer**, 2011 IEEE Symposium on Wireless Technology & Applications (ISWTA 2011)

150.   **Reviewer**, Malaysian Software Engineering Conference 2011 (MySEC 2011)

151.   **Reviewer,** 2010 International Conference in Computer Applications and Industrial Electronics 2010 (ICCAIE 2010)

152.   **Reviewer,** 2010 IEEE Conference on Open System

153.   **Reviewer,** 2010 IEEE Symposium On Industrial Electronics & Applications (ISIEA 2010)

154.   **Reviewer**, The 2nd International Conference on Networked Digital Technologies (NDT 2010), 4-6 Ogos 2010, United Kingdom

155.   **Reviewer** International Conference on the Business and Digital Enterprises (ICBDE 2010), September 14-16 2010, United Kingdom

156.   **Reviewer**, World Conference on Quality and Improvement (WCDI 2010), St Loius MO, United States of America (24-26 2010)

157.	**Reviewer**, Software Engineering Process Group North America (SEPGNA 2010 Conference), Conference organized by Software Engineering Institute (SEI), Carnegie Mellon University (CMU). Savannah, Georgia (22-25 March 2010)

158.	**Reviewer**, The Second International Conference on the Application of Digital Information and Web Technologies (ICADIWT 2009), 4-6 August 2009, London Metropolitan University, London, United Kingdom

159.	**Reviewer**, The First IEEE International Conference on 'Networked Digital Technologies' (NDT2009) which will be held in Ostrava, Czech Republic.

160.	**Reviewer**, International Conference On Computer and Communication Engineering 2008, Kuala Lumpur.

161.	**Reviewer**, The First International Conference on the Application of Digital Information and Web Technologies (ICADIWT 2008), 4-6 August 2008, Ostrave, Chezh Republic

162.	**Reviewer**, Software Engineering Process Group (SEPG) International Conference 2007, Texas USA.

163.	**Committee Member** International Conference on Information Management and Evaluation (2013), Cape Town, South Africa

164.	**Committee Member**, 3rd International Conference on Information Management and Evaluation (ICIME 2012), Ankara, Turkey

165.	**Committee Member,** Informing Science + Informing Technology Education Joint Conference, Southern Italy (2012), Montreal, Canada

166.	**Committee Member** International Conference on Information Management and Evaluation (2011), Cape Town, South Africa

167.	**International Technical Committee**, 3rd International Conference on Computing and Informatics (2011), Bandung, Indonesia

168.	**Committee Member,** Informing Science + Informing Technology Education Joint Conference, Southern Italy (2011), Novi Sad, Serbia

169.	**Committee Member**, 2nd International Conference on Information Management and Evaluation (ICIME 2010), Toronto, Canada

170.	**Committee Member,** International Conference on Information Management and Evaluation, Cape Town, South Africa (2010)

171.	**Committee Member,** Informing Science + Informing Technology Education Joint Conference, Southern Italy (2010)

RESEARCH INTEREST

Empirical Software Engineering
Mining Software Repository
Socio-Technical Congruence
Big Data
Software Quality/Software Process Improvement and Assessment
Social Network Analysis
Collaborative Work in Software Engineering
Development and Design of Tool/Software

TEACHING EXPERIENCE

Principles of Data Management *(Undergraduate-Second year)*
Introduction to Knowledge Management (Undergraduate-Second year)
Fundamental of Information System *(Undergraduate-First year)*
Information Technology Project Management *(Undergraduate-Third year)*
Information Systems Audit and Control *(Undergraduate-Third year)*
Information Systems Engineering *(Undergraduate-Second year)*
Social, Ethical and Professional Issues in Information Technology *(Undergraduate-Third year)*
Principles of Database System *(Diploma)*
Internet Programming *(Diploma)*
Programming in C++ *(Diploma)*

SUPERVISION

1. Mohd Nazuan Wagimin **(PhD, Main supervisor, Start date Apr 2025)**, Flypanscan (FAS) – Early Plant Stress Detection Model using Image Based Analysis for Harumanis Mango

2. Amalina Basir **(PhD, Main supervisor, Start date Oct 2024)**, Impact of Truck Factors on Community Smells in Software Engineering Projects

3. Nur Afiqah Binti Rosli **(PhD, Main supervisor, Start date Nov 2023)**, Forecasting The Future: Enhancing Facilities Maintenance Through Predictive Analysis.

4. Mohd Nazuan Wagimin **(MSc, Main supervisor, Start date Mar 2022, Graduated March 2025)**, A Hybrid Convolutional Neural Network (Cnn) For Predicting Mango Chlorophyll Content - Modeling Precision Agriculture-Guided Agronomic Practices For Nutrient Management Of Mangifera Indica Using Multispectral Sensors And Artificial Intelligence (AI)

5. Zhang Muxue **(MSc, Co-supervisor, Start date Oct 2023)**, An IoT Framework for Data Collection and Analysis of Chinese Adults' Physical Activities

6. Ray Adderley JM Gining **(PhD, Main supervisor, Start date Oct 2021)**, Understanding the Multidiversity Relation with Community Smells in Software Development Teams

7. Nik Afiqah Bt N. Ahmad Yani **(PhD, Main supervisor, Start date Mar 2022, , Graduated Sept 2025)**, Smart Agriculture System for Monitoring Guideline for Monitoring Harumanis

8. Mohd Hafiz Bin Yaakob **(PhD, Co-supervisor, Start date Oct 2021)**, Investigation on Electronic Structure and Kinetic Pathways of Urease Inhibitors Complex for Urea-Based Fertilizers using DFT Approaches

9. Norfaizalfarid **(PhD, Main supervisor, Start date March 2020)**, Gamifying Requirement Elicitation in Software Development

10. **Binish Raza (PhD, Co-Supervisor, Start date March 2018),** Socio-Technical Congruence.

11. Nuur Nabila Bt Abdul Rahman **(Master by research, Main supervisor, Start date: March 2021)**, Factors in Adopting IR4.0 in Small and Medium Enterprises in Malaysia

12. **Nurafifah Bt Mohd Nor (Master by research, Main supervisor, Start date: March 2019),** Modelling Lower Level Technical Dependencies to Improve Coordination in Software Engineering Projects

13. **Muhammad Saiful Ridhuan Bin Aziz (Master by research, Main supervisor, Start date: Mar 2019),** Solid Waste Management System using Big Data and IOT Enabled Services

14. **Anjila Suili (Master by research, Main supervisor, Start date: Oct 2015),** Socio-Technical Congruence: A Model Assessing the Impact of Socio and Technical Dependencies on Software Quality.

15. **Wan Asma Wan Mohamad (Master by research, Main supervisor, Start date: Oct 2015),** A Model for Assessing the Impact of Socio-Technical Congruence on Project Performance in the Different Types of Software Development Methodology.

16. **Fatihah Azahari (Master by research, Co-supervisor, Start date: 2014),** Fuzzy Spatial Forecasting Model Of Rainfall Distribution For Flood Early Warning – Completed

17. **Nur Syafira Binti Asmawi** - IoT Based Smart Duster System (*Undergraduate Final Year Project*)

18. **Mastura Binti Murshik** - Innovation Competition Judging System (*Undergraduate Final Year Project*)

19. **Nur Shahidatul Shaurah Binti Sharifunizam** - IoT Based Ghat Road Traffic Alerting System (*Undergraduate Final Year Project*)

20. **Muhammad Khairul Islah B Md Salleh** - IoT Based Smart Flood Detection System (*Undergraduate Final Year Project*)

21. **Zayan Zafirah Binti Zalnurin** - IoT Based Smart Medicine Box with Notification Reminder (*Undergraduate Final Year Project*)

22. **Siti Nur Hidayah Binti Rusli -** Preservation of Traditional Food Based on Food Recognition using Tensor Flow (*Undergraduate Final Year Project*)

23. **Nur Ilyana Binti Zulkepli** - IoT Based Smart Bicycle for Monitoring Air Pollution (*Undergraduate Final Year Project*)

24. **Nurhumaira Binti Mohd Yusoff** - IoT-Based Mango Leaf Disease Detection System (*Undergraduate Final Year Project*)

25. **Nur Amyleena Arnie Faishal Azmi** – IoT Based Smart Street Light (*Undergraduate Final Year Project*)

26. **Nik Nurul Huda Nik Azmi** – Web-based Publication Management Repository (*Undergraduate Final Year Project*)

27. **Ahmad Asyraf Iskandar Shah** – Waste Management Level Monitoring System (*Undergraduate Final Year Project*)

28. **Nur Qurratu Aina Binti Helmi -** Web-Based Mosque Event Management System (*Undergraduate Final Year Project*)

29. **Siti Mariam Binti Zainun -** FSR Event Management System (*Undergraduate Final Year Project*)

30. **Siti Nurliana Binti Abd Razak -** Web-Based System For Selling, Buying And Renting Used Textbooks System (*Undergraduate Final Year Project*)

31. **Nur Maisarah Bt Ahmad Nazri** - Mobility Aid for Visually Impaired (*Undergraduate Final Year Project*)

32. **Nur Ain Bt Azuan Zahari** - Web-based Innovation Competition Judging System (*Undergraduate Final Year Project*)

33. **Siti Aishah binti Ya'acob** - Web-based Stress Management System using Student Academic Stress

Scale (SASS) (*Undergraduate Final Year Project*)

34. **Muhammad Akram bin Marizalee** - Mobile Application for Public Parking Reservation (*Undergraduate Final Year Project*)

35. **Adi Asyraf bin Ayob** - Job Recruiting System Using Sorting Algorithm (*Undergraduate Final Year Project*)

36. **Nur Dini Binti Hashim** - Web-Based Application for Attendance Records of College Activities and Scrutinization of College Application in UiTM Perlis (*Undergraduate Final Year Project*)

37. **Nor Isma Deana Binti Jamil** - Online Hostel Room Allocation System using CodeIgniter (*Undergraduate Final Year Project*)

38. **Muhammad Najib Bin Mohd Fuad** - Diparksys Notification System (*Undergraduate Final Year Project*)

39. **Nur Qaalida Binti Omar** - Prediction of Sport Suitability for Athelete Based On Physical Fitness Score by Using Artificial Neural Network (*Undergraduate Final Year Project*)

40. **Wan Amirah Binti Wan Noor Azman** - Waste Management Monitoring System (*Undergraduate Final Year Project*)

41. **Nur Hidayah Binti Ramli** - Mobile learning application for english language vocabulary builder (*Undergraduate Final Year Project*)

42. **Intan Munirah binti Ayub** - Activity Management System (*Undergraduate Final Year Project*)

43. **Nur Syamimi Aima binti Mohd Azmi** - Inventory System for Agriculture (*Undergraduate Final Year Project*)

44. **Nurnadiah Binti Mohd Raffi** - Soil Moisture Monitoring System (*Undergraduate Final Year Project*)

45. **Habibah Binti Tamrin** - Water Quality Monitoring System (*Undergraduate Final Year Project*)

46. **Amirul Farhan Abd Hadi** – Development of Disabled Parking System using Arduino (*Undergraduate Final Year Project*)

47. **Muhammad Zaki Abd Razak** - Data Visualisation Of Vehicle Crash Using Interactive Map And Data Dashboard (*Undergraduate Final Year Project*)

48. **Amin Zhafran Ashran –** M-Learning of Atomic Orbital for Element in Periodic Table (*Undergraduate Final Year Project*)

49. **Asiraa Angwar** – Predicting Customer Behavior towards product using Artificial Neural Network (*Undergraduate Final Year Project*)

50. **Rohaida Ramli –** Academic Performance Management System (APMS) for Primary Student Examination (*Undergraduate Final Year Project*)

51. **Azrieana Yop –** Mobile Application for Student's Class Schedule using Hybrid Mobile Technology (*Undergraduate Final Year Project*)

52. **Rosyati -** Social Media Analysis Of Rumours Propagation During Haze In Malaysia (2015) - (*Undergraduate Final Year Project*)

53. **Mohamad Razif Jamaludin –** Postgraduate Information System (2015) - (*Undergraduate Final Year Project*)

54. **Muhammad Syafil Fuad Ghazali** – Effectiveness of auditory warning devices towards driver behavior

using driving simulation (2015) - (*Undergraduate Final Year Project*)

55. **Muhamad Aisar Masduqi bin Mat Isa** – Empirical Study on Performance Analysis between Quantum Computers and Silicon Computers (2015) - (*Undergraduate Final Year Project*)

56. **Nurul Ain Husna Ghazali** – Risk Sensitivity Analysis: An approach to prioritize software risks (2015) - (*Undergraduate Final Year Project*)

57. **Nur Fatiha Farhana Aziz** – Schedule-based: An approach for IT project monitoring (2015) - (*Undergraduate Final Year Project*)

58. **Ainy Rusly** – Near Field Communication (NFC) for Student's Convocation (2014) - (*Undergraduate Final Year Project*)

59. **Munirah Atan** – Near Field Communication (NFC) for Healthcare (2014) - (*Undergraduate Final Year Project*)

60. **Mohd Ruzaimi B Mohd Rus** – Paper or Computer Prototype: Choosing the Best Prototype for Technical and Non-Technical People (Co-Supervision) – 2008 (*Undergraduate Final Year Project*)

61. **Nurul Izzati Bt Saad** – Developing Multimedia Application for Learning Chinese Character (Co-Supervision) – 2008 (*Undergraduate Final Year Project*)

62. **Nur Husna Wahid** – Software Change Request Tool to Manage Software Changes (2008) – (*Undergraduate Final Year Project*)

63. **Safirah Bt Sabri** – Knowledge Management Repository to Improve Material Sharing – 2008 – (*Diploma Professional Internship*)

64. **Norbirroh Mohamad Halimi** – Automatic Generator of Use Case Diagram to Use Case Description (2008) – (*Undergraduate Final Year Project*)

65. **Mohd Raimi, Mohd Afif** – Journal Management System (2008) – (*Diploma Professional Internship*)

66. **Hairuniza** – ShareIt Security Based Model (2008) – (*Diploma Professional Internship*)

67. **Nur Sheeba Farhana Mohamed Abu Bakar, Noor Liza Omar, Siti Nor Faizah Hassan, Siti Rozidah Hashim, Sabrina Syed Mohammed Sabir** – SK Teroi Information System (2008) – (*Diploma Project*)

68. **Rosmizal Ibrahim** – Web Based Reservation System – 2007 - (*Diploma Professional Internship*)

69. **Suzie Yana Yusoh, Siti Nuramalina Bunsu, W Annis Wan Mohd Shuhaimi, Siti Suriani Suhaimi, Siti Khadijah Idris** – Cakehouse Ordering System (2007) - (*Diploma Project*)

70. **Nurshazneem Roslan, Nora Abdul Majid, Azzyati Aladin @ Mansor, Nurul Akma Ahmad Sabki, Fartini Faradila Fauzi, Munirah Jaafa** – Online Catering System (2007) - (*Diploma Project*)

71. **Muhammad Nur Hazman, Mohd Hafiz, Khairunniza, Siti Zulaikho, Nurhafizatul Quamallia** – Sport Facility Reservation System – 2007 (*Diploma Professional Intership*)

CONFERENCES/COURSES/SEMINARS ATTENDED

2014   Commercialization Leader Module: Beginner

            Commercialization Leader Module: Advanced

Summer School, International Federation on Information Processing, MIMOS, Malaysia (5-6th August 2014)

2013   NICTA SSRG Seminar on "Cloud Failure Post-Mortem: causes and potential early signs of major cloud failures" (2013)

NICTA SSRG Seminar on Using "Map/Reduce for implementing next-generation database systems" (2013)

NICTA SSRG Seminar on "Zookeeper platform" (2013)

NICTA SSRG Seminar on "The future of Crowdwork" (2013)

NICTA SSRG Seminar on "CapArch tools alleviating the complexity of modeling capability-based trustworthy systems" (2013)

NICTA SSRG Seminar on "Managing Uncertainty - a Platform Vision" (2013)

NICTA SSRG Seminar on "The Seven Deadly Sins of Cloud Computing Research" (2013)

NICTA SSRG Seminar on "Challenges to Error Diagnosis in Hadoop Ecosystems" (2013)

2012   NICTA NSW Research Laboratory Big Picture Seminar by Richard Stallman

NICTA SSRG Seminar, NICTA SSRG Seminar 'Using Process Modeling & Analysis Techniques to Reduce Errors in Human-Intensive Processes' by Lori A. Clarke and Leon J. Osterweil of University of Massachusetts – 2012

NICTA SSRG Seminar, RapiLog: Database durability without synchronous I/O' by Gernot Heiser

TechFest 2012 (yearly event to promote current group research) at Australian Technology Park, Sydney, Australia on February 2012

NICTA SSRG Seminar, Information Diffusion in Online Social Networks: From Analyzing Trends to Stopping Misinformation ' by Amr El Abbadi, University of California, Santa Barbara on Thu 8 Mar 2012

NICTA SSRG Seminar, Repeatability and Completeness of Systematic Mapping Studies - Case Studies of Unit and Regression Testing' by Prof Barbara Kitchenham on Fri 9 Mar 2012

Empirical Software Engineering Workshop, NICTA ATP, by Dr He Zhang and Prof Ross Jeffrey

2011   Innovation and Commercialization Workshop organized by National Innovation Centre and University of New South Wales (UNSW) at Australian Technology Park (ATP) – 2011

Apple iOS SDK Workshop organized in collaboration by Apple inc and School of Computer Science and Engineering (CSE) – 2011

2010   17th Asia Pacific Software Engineering Conference (APSEC 2010), Sydney, Australia

(December 2010)

NICTA Seminar, Software Process Research: Evolve or Die" by Prof Kevin Ryan, University of Limerick (December 2010)

NICTA Collaboration Workshop between Managing Complexity group – Chinese Academy of Science (ISCAS), China (2010)

University Technology Sydney Seminar – Prof Kevin Ryan (Lero) Global Software Engineering Research in a Small Country (October 2010)

NICTA Seminar by Prof. Philippe Kruchten (2010)

NICTA Seminar by Prof Fethi Rabhi . The ADAGE Approach to User-Driven Large Scale Data Processing (2010)

SISTM Seminar by Professor Claes Wohlin. Decision-support for Transfer of Software Products Globally (2010)

2009	ICT@edu Conference, Casuarina Hotel, Ipoh, Perak, Malaysia, 3-4 February 2009
	International Multiconference of Engineers and Computer Scientists, 18-20 March 2009, Hong Kong
	Conference on Scientific and Social Research (CSSR), A Famosa Resort Melaka, 14-15 March 2009
	International Conference on Computing and Informatics, The Legend Hotel, 24-25 June 2009
	MSC Open Source Conference, Berjaya Times Square, 31 May – 3 June 2009
	i-Math Tech Day, Armada Hotel, 29-30 September 2009
	16th Asia Pacific Software Engineering Conference (APSEC 2009), Penang, Malaysia (December 2009)
2008	International Symposium on Information Technology (ITSIM 2008) – 26-29 August 2008, KLCC, Malaysia
	Represent Universiti Teknologi Mara (UiTM) for Faculty Development Program (Collaboration Program Ministry of Higher Education-SATYAM Computers) at Universiti Tenaga Nasional (UNITEN), Disember 2007
	Represent Universiti Teknologi Mara (UiTM) for Faculty Sabbatical Program at SATYAM Computers, Hyderabad, India, 4-29th February 2008
	Represent Universiti Teknologi Mara, Perlis Campus for Future Research Leader programme.
2007	23rd Asia Pacific Advanced Networking (APAN) Conference, Ortigas Pasig City, Manila, Phillipine 22-26 January 2007
	ENGAGE 3rd European Union-South East Asia ICT Research Collaboration Conference, Penang, Malaysia

26-28 February 2007

International Conference on Computational Sciences and Its Application (ICCSA), Malaysia
2007
26-29 August 2007

3rd Malaysian Software Engineering Conference (MySec'07), Selangor, Malaysia
3-4 December 2007

2006   International Conference on Business IT (BIZIT'06), Kuala Lumpur, Malaysia
8-10 August 2006

Seminar IT di Malaysia (SITMA'06), Terengganu, Malaysia
19-20 August 2006

ENGAGE 2nd European Union-South East Asia ICT Research Collaboration Conference, Jakarta, Indonesia
11-13 September 2006

2nd Malaysian Software Engineering Conference (MySec'07), Kuala Lumpur, Malaysia
16-17 November 2006

MMU International Symposium on ICT (Mu2SIC'06), Selangor, Malaysia
11-12 December 2006

RESEARCH PROJECTS/GRANTS

Total Grants Received: 48
Total value of Grants Received: RM4,167,515

National Grant: ICU-KPT
Title: Penggunaan Drone sebagai Alat Pemantauan Penanaman Padi - 2025
Value: RM10,000
Status: *On-going*

National Grant: Institut Integriti Malaysia
Title: Pembangunan Instrumen dan Pelaksanaan Kajian Indeks Integriti Malaysia - 2024
Value: RM500,000
Status: *On-going*

National Grant: FRGS - Kementerian Pendidikan Tinggi
Title: Community Smell Predictive Model through Recognition of Developers' Traits in Software Development Communities - 2024
Value: RM118,800
Project Leader: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM)
Status: *On-going*

National Grant: Kementerian Ekonomi
Title: Kajian Kualiti Infrastruktur Digital Negera - 2024
Value: RM436,065
Status: *On-going*

National Grant: Faizuddin Centre of Educational Excellence
Title: Integrasi Pemikiran Kompusional (Compuational Thinking) Menggunakan Bahasa Inggeris Merentas Bidang Stem Di Sekolah Terpilih Negeri Perlis - 2024
Value: RM100,000

Project Leader: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM)
Status: *On-going*

Internal Grant: Geran Insentif Penyelidikan (GIP)
Title: Factors Affecting Adoption Of Ir 4.0 By Small And Medium-Sized Enterprises In Malaysia- 2023
Value: RM18,000
Project Leader: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM)
Status: *On-going*

National Grant: Majlis Keselamatan Negara (MKN)
Title: Kajian Indeks Keselematan Sempadan Negara - 2023
Value: RM350,000
Status: *On-going*

National Grant: Majlis Keselamatan Negara (MKN)
Title: Kajian Indeks Keselematan Kebangsaan (IKK 2023) – 2023
Value: RM400,000
Status: *On-going*

International Grant: Strategic Research Partnership (SRP) – Matching Grant with Universitas Islam Riau (UIR)
Title: IR 4.0 Revolutionized Practices For Agronomic Benefits Of Harumanis (Mangifera Indica L.) Farming System – 2022
Value: RM40,000
Project Leader: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM)
Status: *On-going*

National Grant: Faizuddin Centre of Educational Excellence (FCoEE)
Title: Projek Pembelajaran Konservasi Hijau Siri 1/2022 Dan Literasi Digital Siri 1/2022 Di Kalangan Pelajar Muslim Di Phuket - 2022
Value: RM10,250
Project Leader: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM)
Status: *On-going*

Internal Grant: Geran Sanjung Sarjana
Title: Young Talent Researcher Programme - 2022
Value: RM3,000
Project Leader: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM)
Status: *On-going*

Internal Grant: Geran Sanjung Sarjana
Title: Pep's Talk with Rector - 2022
Value: RM3,000
Project Leader: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM)
Status: *On-going*

Internal Grant: Geran Insentif Penyelidikan (GIP)
Title: Smart Agriculture System For Monitoring Harumanis Disease – 2022
Value: RM18,000
Project Leader: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM)
Status: *On-going*

Internal Grant: Geran Penyelidikan MyRA (GPM)
Title: An Enhancement of Integrated Software Sustainability Evaluation Model Towards Service Oriented Architecture Paradigm – 2022
Value: RM20,000
Status: *On-going*

National Grant: Fundamental Research Grant Scheme (FRGS)

Title: Interpretable Hierarchical Fuzzy System Framework In Decision Support Systems – 2021
Value: RM70,000
Status: *On-going*

National Grant: Fundamental Research Grant Scheme (FRGS)
Title: Modeling Precision Agriculture-Guided Agronomic Practices for Nutrient Management of Mangifera Indica Using Multispectral Sensors And Artificial Intelligence (AI) – 2021
Value: RM114,200
Status: *On-going*

National Grant: Majlis Keselamatan Negara (MKN)
Title: Kajian Indeks Keselamatan Negara (IKSN) – 2021
Value: RM200,000
Status: *Compeleted*

National Grant: Majlis Keselamatan Negara (MKN)
Title: Kajian Indeks Keselamatan Sempadan Negara (IKSN) – 2021
Value: RM60,000
Status: *Compeleted*

International Grant: International Matching Grant – Universitas Islam Riau (UIR)
Title: IoT-Based ghat Road Traffic Alerting System - 2021
Value: RM10,000
Project Leader: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM)
Team Members: Pray Adderley JM Gining (FSKM, UiTM), Dr Tajul Rosli Razak (FSKM,UiTM), Dr Nurul Ain Mohd Zaki (FSPU, UiTM), Dr Ruhaila Maskat (FSKM, UiTM), Muhammad Hafiz Ismail (FSKM,UiTM), Dr Evizal Abdul Kadir (UIR, Indonesia)
Status: *On-going*

National Grant: Fundamental Research Grant Scheme, Ministry of Education (FRGS)
Title: Self-adaptive Whale Optimization algorithm for combinatorial test suite generation - 2020
Value: RM101,800
Project Leader: Dr Nuraminah Ramli (UNIMAP)
Team Members: Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM), Dr Tajul Rosli Razak (FSKM,UiTM), Dr Nurul Ain Mohd Zaki (FSPU, UiTM),
Status: *On-going*

National Grant: Fundamental Research Grant Scheme, Ministry of Education (FRGS)
Title: A Machine Learning based approach for Software Pattern Grime identification and assessment - 2020
Value: RM81,000
Project Leader: Prof Madya Dr Rodina Ahmad (UM)
Team Members: Dr Mohd Hairul Nizam Md Nasir (UM), Dr Hazrina Sofian (UM), Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM), Dr Erma Rahayu Binti Mohd Faizal Abdullah (UM)
Status: *On-going*

Grant: University Grant
Title: Formulation of Segmentation Model Localizing And Identifying Defectes In Mango Fruits - 2020
Value: RM5,000
Project Leader: Mohammad Hafiz Bin Ismail (UiTM Perlis)
Team Members: Dr. Tajul Rosli Bin Razak, Profesor Madya Dr Shukor Sanim Bin Mohd Fauzi, Dr. Nurul Fatihah Binti Abd Latip, Dr. Nurul Ain Binti Mohd Zaki, Ray Adderley Jm. Gining
Status: *On-going*

Grant: University Grant
Title: Harumanis Mango Leaf Disease Detection System Using Image Peocessing Technique - 2020
Value: RM5,000
Project Leader: Ray Adderley Jm. Gining (UiTM Perlis)
Team Members: Profesor Madya Dr Shukor Sanim Bin Mohd Fauzi, Dr. Tajul Rosli Bin Razak, Mohammad Hafiz Bin Ismail, Dr. Nurul Ain Binti Mohd Zaki, Dr. Nurul Fatihah Binti Abd Latip
Status: On-going

Grant: University Grant
Title: Modelling Interpretable Hierarchical Fuzzy System - 2020
Value: RM30,000
Project Leader: Dr. Tajul Rosli Bin Razak (UiTM Perlis)
Team Members: Profesor Madya Dr Shukor Sanim Bin Mohd Fauzi, Mohammad Hafiz Bin Ismail, Ray Adderley Jm. Gining
Status: On-going

Industry Grant: Agensi Pengurusan Bencana Negara (NADMA)
Title: Kajian Impak Pembudayaan Norma Baharu - 2020
Value: RM300,000
Project Leader: Prof Madya Dr Yarina (UiTM)
Team Members: Prof Madya Dr Rozmie Razif Othman (UNIMAP), Mohd Saiful Aziz (UNIMAP), Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM), Dr Hasneeza Liza Binti Zakaria (UNIMAP)
Status: *On-going*

Grant: University Grant
Title: Kajian Impak 20 Tahun UiTM - 2020
Value: RM150,000
Project Leader: Prof Dr Roziah Md Janor (UiTM)
Team Members (UiTM Perlis): Prof Madya Ts Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM), Dr Nadia Abd Wahab (FSKM,UiTM), Dr Nurul Ain Mohd Zaki (FSPU, UiTM), Dr Sabiroh Md Sabri (FPP, UiTM)
Status: *On-going*

Industry Grant: Lembaga Penduduk dan Pembangunan Keluarga Negara (LPPKN)
Title: Family and Community Empowerment (FACE) – 2019
Value: RM13,051
Project Leader: Nurwahida Mohd Fuad (FPP, UiTM)
Team Members: Assoc Prof Rohana Alias (FSKM, UITM), Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM), Azizah Kassim (FPP,UiTM), Azriani Mohamad Nor (FSKM, UITM),
Status: *On-going*

National Grant: Fundamental Research Grant Scheme, Ministry of Education (FRGS (Ref: FRGS/1/2018/ICT01/UiTM/02/4))
Title: Modelling Lower-Level Technical Dependencies to Improve Coordination in Software Engineering Projects
Value: RM61,200
Year: 2019 - 2020
Project Leader: Dr Shukor Sanim Mohd Fauzi
Team Members: Assoc Prof Dr Rodina Ahmad (UM), Muhammad Nabil Fikri Jamaluddin (UiTM), Dr Ruhailad Maskat (UiTM)
Status: *On-going*

National Grant: Fundamental Research Grant Scheme, Ministry of Education (FRGS (Ref: FRGS/1/2018/SS0 9/UITM/02/2)
Title: Social Presence Predictive Analytics Model for Predicting Self-diagnosis of Health among Malaysian Cyber Citizens
Value: RM73,200
Year: 2019 - 2020
Project Leader: Dr Noorihan Abd Rahman (UiTM)
Team Members: Prof Dr Shamsul Sahibuddin (UTM), Dr Zuriani Ahmad Zulkarnain (UiTM), Dr Shukor Sanim Mohd Fauzi (UiTM), Dr Wan Zakiyatussariroh Wan Husin (UiTM)
Status: *On-going*

National Grant: Malaysian Research University Grant (MRUN)
Title: Community Based High Performance Cost Competitive Portable Solar Assisted Drying Systems For High Valued Agricultural And Marine Products
Value: RM476,500
Year: 2018-2020

Project Leader: Dr Adnan Ibrahim (UKM), Prof Madya Dr Nazari Abu Bakar (UiTM)
Team Members: Dr Sharizal Hassan (UiTM), Dr Ang Lee Sin (UiTM), Dr Shukor Sanim Mohd Fauzi (UiTM), Prof Dato' Dr Kamaruzzaman Sopian (UKM)
Status: *On-going*

Industry Grant: Lembaga Penduduk dan Pembangunan Keluarga Negara (LPPKN)
Title: Family and Community Empowerment (FACE) – 2018
Value: RM14,000
Project Leader: Nurwahida Mohd Fuad (FPP, UiTM)
Team Members: Zailuddin Ariffin (FSG, UiTM), Adi Zuraini (UiTM), Dr Shukor Sanim Mohd Fauzi (FSKM, UiTM), Assoc Prof Rohana Alias (FSKM, UITM), Azizah Kassim (FPP,UiTM)
Status: *Completed*

National Grant: Research Articulation Grant Scheme, Ministry of Higher Education **(RAGS:** 600-RMI/RAGS 5/3 (4/2014)
Title: Socio-Technical Congruence: A Model Assesing the Impact of Socio and Technical Dependencies on Software Quality
Value: RM80,000
Year: 2014-2016
Project Leader: Dr Shukor Sanim Bin Mohd Fauzi (FSKM, UiTM)
Team Members: Dr Hairul Nizam M. Nasir (UM), Assoc Prof Dr Rodina Ahmad (UM), Nuraminah Ramli (UPSI), Assoc Prof Dr Azman Yasin (UUM), Assoc Prof Dr Huda (UUM), Dr Ahmad Hanif Ahmad Baharin (UiTM)
Status: *Completed*

National Grant: Research Acculturation Collaborative Effort, Ministry of Higher Education (RACE: 600-RMI/RACE 16/6/2(10/2014)
Title: A Model for Assessing the Impact of Socio-Technical Congruence on Project Performance in the Different Types of Software Development Methodology
Value: RM50,000
Year: 2014-2017
Project Leader: Dr Shukor Sanim Bin Mohd Fauzi (FSKM, UiTM)
Team Members: Dr Hairul Nizam M. Nasir (UM), Assoc Prof Dr Rodina Ahmad (UM), Nuraminah Ramli (UPSI)
Status: *Completed*

National Grant: Fundamental Research Grant Scheme, Ministry of Education (Ref: FRGS/1/2015/ICT01/UM/03/1)
Title: Enhanced Project Management Methodology for Malaysian Small Medium Software Development Companies
Value: RM76,000
Year: 2015-2018
Project Leader: Dr Hairul Nizam M. Nasir (UM)
Team Members: Dr Shukor Sanim Bin Mohd Fauzi (FSKM, UiTM), Assoc Prof Dr Rodina Ahmad (UM), Nuraminah Ramli (UPSI)
Status: *Completed*

National Grant: Research Articulation Grant Scheme, Ministry of Higher Education (600-RMI/RAGS 5/3 (8/2014)
Title: Predictive Model Of Student Academic Performance Analysis Through Data Mining Of Students Demographic And Academic Profiles
Value: RM80,000
Year: 2014-2017
Project Leader: Dr Shukor Sanim Bin Mohd Fauzi (FSKM, UiTM)
Team Members: Muhamad Arif Hashim, Tajul Rosli Razak
Status: *Completed*

University Grant: Atomic Orbital Viewer: A Teaching Guide

(ARAS - 600-RMI/DANA 5/3/ARAS (0194/2016)
Project Leader – Arifah Fasha Rosmani
Team Members – Dr Shukor Sanim Bin Mohd Fauzi (FSKM, UiTM), Umi Hanim Mazlan, Mahfudzah Othman
Status: *Completed*

University Grant: The Impact Of Pair Programming On Students' Achievement: A Case Study On Higher Institution
(ARAS - 600-RMI/DANA 5/3/ARAS (10/2015)
Project Leader – Arifah Fasha Rosmani
Team Members – Dr Shukor Sanim Bin Mohd Fauzi (FSKM, UiTM), Umi Hanim Mazlan, Mahfudzah Othman
Status: *Completed*

University Grant: Empirical Study on Capability Maturity Model Integration (CMMI) Framework
(Dana Kecemerlangan Research Grant- 600-IRDC/ST/DANA/5/3/Dst (59/2008))
Project Leader – Shukor Sanim Bin Mohd Fauzi (FTMSK,UiTM)
Team Members – Nuraminah Bt Ramli (FTMK,UPSI), Mohd Hairul Nizam Mohd Nasir (UM)
Status: *Completed*

University Grant: Empirical Study on Software Quality Assurance under the Open Source Development Model – Malaysian Perspective
(Dana Kecemerlangan Research Grant - 600-IRDC/ST/DANA/5/3/Dst (84/2008))
Project Leader – Shukor Sanim Bin Mohd Fauzi (FTMSK,UiTM)
Team Members – Nuraminah Bt Ramli (FTMK,UPSI), Mohd Hairul Nizam Mohd Nasir (UM)
Status: *Completed*

University Grant: Establishing A Campus Wide Computational Grid Cluster Infrastructure In Uitm Perlis
(Dana Kecemerlangan Research Grant – RM 10,000)
Project Leader – Nor Azylia Ahmad Azam
Team Members – Shukor Sanim Mohd Fauzi, Syafnidar Abdul Halim
Status: *Completed*

External Grant: Improving Performance of Authorization Process in Credit Card System Using Singleton Design Pattern & Thread Level Parallelism
Project Leader – M. Hairul Nizam M. Nasir (UM)
Team Member – Shukor Sanim Mohd Fauzi
Registered under UM Short Term Grant (RM39,700)
Status: *Completed*

External Grant: Implementation of Capability Maturity Model Integration Framework in Malaysia
Project Leader – M. Hairul Nizam M. Nasir (UM)
Team Member – Shukor Sanim Mohd Fauzi
Registered under UM Short Term Grant (RM39,800)
Status: *Completed*

Non-registered: Software Requirement and Quality Practices
Project Leader – Shukor Sanim Bin Mohd Fauzi (FTMSK,UiTM)
Team Members – Nuraminah Bt Ramli (FTMK,UPSI), Ahmad Hanif Bin Ahmad Baharin (FTMSK, UiTM) and Romiza Bt Md Noor (FTMSK, UiTM)
Status: *Completed*

Registered in UPSI without funding: A Study on Pair Programming Practices in Programming Language Course
Project Leader – Nuraminah Bt Ramli (FTMK,UPSI)
Team Member – Shukor Sanim Bin Mohd Fauzi (FTMSK,UiTM)
Status: *Completed*

Non-registered: Software Project Management Maturity Assessment Model to Assess Software Project Management Practices

Project Leader – Shukor Sanim Bin Mohd Fauzi (FTMSK,UiTM)
Team Member – Nuraminah Bt Ramli (FTMK,UPSI)
Status: *Completed*

Report submitted to and registered with IRDC: Implementing Software Process Assessment at a Mid Size Malaysia IT Company.
Project Leader – Shukor Sanim Bin Mohd Fauzi (FTMSK,UiTM)
Status: *Completed*

Non-registered: Software Configuration Management Repository
Project Leader – Shukor Sanim Bin Mohd Fauzi (FTMSK,UiTM)
Team Members– Nuraminah Bt Ramli (FTMK,UPSI) and Masrudy Bin Ismail (Suruhanjaya Komunikasi dan Multimedia Malaysia)
Status: *Completed*

Submitted to UPSI for Internal Research Grant: e-Pengarang
Project Leader – Nuraminah Ramli
Team Members – Shukor Sanim Mohd Fauzi, Dr Modi Lakulu
Status: *Completed*

BOOK WRITTEN/EDITED

1. M.A.M.Ishak, S.S.M.Fauzi et. al, Modul Inovasi: Terap Budaya Inovasi ISBN 978-967-15843-8-5

2. The World of ICT-Software Process Assessment Approaches for Software Process (Published by UPENA, UiTM)

3. Shukor Sanim M. Fauzi, M. Hairul Nizam M. Nasir, Nuraminah R., Shamsul Sahibuddin." Software Process Improvement and Management: Approaches and Tools for Practical Development. November 2011 by IGI Global, USA.

4. Computing Research & Innovation (CRINN) Vol 1, November 2016

5. Computing Research & Innovation (CRINN) Vol 1, November 2016

6. Shukor Sanim Mohd Fauzi, Nuraminah Ramli. *The Art of C++ for Dummies: Workbook.*

JOURNALS / PROCEEDINGS PUBLISHED and PRESENTED/READER

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R.A.J.M.Gining, **S.S.M.Fauzi*** , A.F.A.Hadi, Z.A.Razak," Design and Development of Disabled Parking System for Smart City, *Journal of Physics: Conference Series (indexed by SCOPUS, IF 0.44).*

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Umi Hanim Mazlan, Noor Shuhadah Ayub, Alif Faisal Ibrahim, Nurul Hidayah Ab Raji, Raihana Zainordin, **Shukor Sanim Mohd Fauzi**,"Android Application To Test For Nicotine Dependence, International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC), Vol 1 (2017) pp 11- 14.

W.A.W.M. Sobri, **S.S.M. Fauzi***, M.H.N.M.Nasir, R. Ahmad , A.J. Suali, and M.N.F. Jamaluddin,"Issues Of Coordination And Its Impact On Project Performance: A Brief Literature, International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC), Vol 2 (2017) pp 178- 183.

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M. Z. A. Razak, **S.S.M. Fauzi***, R. A. JM. Gining,"Visualise Vehicle Crash Data Using Interactive Map and Data Dashboard, *International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC), Vol 3 (2017) pp 379- 382.*

A. F. A. Hadi1, **S.S.M. Fauzi***, R. A. JM Gining,"Disabled Parking System Using Arduino and RFID, *International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMIT-SIC), Vol 3 (2017) pp 383- 386.*

M.Razif J., M.Aisar M.M.I, **S.S.M.Fauzi**, M.Nabil F.J, A.J.Suali, W.A.W.M.Sobri,"Design and Development of PGIS using Java Server Pages and MySQL", 4th International on the Roles of Humanities and Social Science 2017 (ICOHSE 2017), 24-26 February 2017

N.A.H.Ghazali, **S.S.M.Fauzi**, W.A.W.M.Sobri, A.J.Suali, "Risk Sensitivity Analysis: An Approach to Visualize Software Risks", 4th International on the Roles of Humanities and Social Science 2017 (ICOHSE 2017), 24-26 February 2017

M.N.F.Jamaluddin, U.A.Saad, M.Othman, **S.S.M.Fauzi**, A.F.Ibrahim, R.A.JM. Gining "Mobile Application for Calendar Events of UiTM Perlis Branch (CEPS)", *Computing Research & Innovation*

M.N.F.Jamaluddin, M.S Miswan, **S.S.M.Fauzi**, R.A.JM.Gining, N.F. Raman, M.Z.M.Ghazali "Sport suitability prediction based on physical fitness components using k-Nearest neighbors algorithm", Proceeding of the The 3rd International Conference on Computing, Mathematics and Statistics 2017 (iCMS 2017)

M. Osman, **S.S.M.Fauzi**, UH.Mazlan, A.F.Rosmani "The impact of pair programming on students' logical thinking: A case study on higher academic institution", *International Conference on e-Learning (ICEL 2017)*

S.S.M.Fauzi, "Produk UiTM Cawangan Perlis Terus Diiktiraf", Dewan Kosmik, pp43, Jan 2017

S.S.M.Fauzi, "Seminar Inovasi dan Kreativiti", Dewan Kosmik, pp41, Feb 2017

S.S.M.Fauzi, "Modul Inovasi: Terap Buday Inovasi", Dewan Kosmik, pp21, April 2017

S.S.M.Fauzi, "iMIT SIC2017", Dewan Kosmik, pp21, November 2017

2016 W. A. W. M. Sobri, **S. S. M. Fauzi***, M. H. N. M. Nasir, R. Ahmad and A. J. Suali. Coordination in Different Software Development Life Cycles: A Systematic Literature Review, Indian Journal of Science and Technology *(indexed by SCOPUS, IF 0.27)*

W.A.W.M.Sobri, **S.S.M.Fauzi**, M.HN.M.Nasir, R.Ahmad, A.J.Suali,"Coordination in Different Software Development Lifecycles: A Systematic Literature Review", The 3rd International Conference on Mathematical Sciences and Computer Engineering (ICMSCE 2016), Langkawi, 5-6 May 2016

W.A.W.M.Sobri, **S.S.M.Fauzi**, M.HN.M.Nasir, R.Ahmad, A.J.Suali,"The Impact of Socio-Technical Congruence in a Different Types of Software Development Life Cycles: A Proposal", International Graduate Conference on Engineering, Science and Humanities (IGCESH 2016), August 2016

A.J.Suali, **S.S.M.Fauzi**, M.HN.M.Nasir, R.Ahmad, W.A.W.M.Sobri,"The Impact of Socio-Technical Dependencies on Software Quality in Software Engineering Projects: A Proposal, International Graduate Conference on Engineering, Science and Humanities (IGCESH 2016), August 2016

S.S.M.Fauzi, "i-IDEA 2016 Pamer Inovasi Peserta", Dewan Kosmik, pp37, Jun 2016

S.S.M.Fauzi, "Seminar Data Besar", Dewan Kosmik, pp19, August 2016

S.S.M.Fauzi, "Pengantarabangsaan UiTM Cawangan Perlis", Dewan Kosmik, pp19, September 2016

W.A.W.M.Sobri dan **S.S.M.Fauzi**, "Kitar Hayat Pembangunan Perisian", Dewan Kosmik, pp 22-25, September 2016

S.S.M.Fauzi, "NTYR Melestarikan Pascasiswazah", Dewan Kosmik, pp31, Oktober 2016

2015 Nasir, M.H.N.M., Sahibuddin, S., Ahmad, R. and **Mohd, S.S.M**, How the PMBOK Addresses Critical Success Factors for Software Projects: A Multi-round Delphi Study. Journal of Software, pp1283-1300, Vol 10, No 11, 2015 *(ERA ranked journal)*

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2014 **S.S.M. Fauzi**, "Mapping of Software Configuration Management Issues with the Area of Responsibility" 8th IEEE International Conference on Application of Information and Communication Technologies, Astana, Kazakhstan.
(Indexing: IEEE, SCOPUS, Ulrich's Periodical Directory,DBLP, EBSCO)

2013 "Coordination issues in software engineering projects", Presented during Software Systems Research Seminar

Reader, Software Systems Research Group – *Identification of coordination requirements: Implications for the design of collaboration and awareness tools*

Reader, Software Systems Research Group – *Assessing team performance from a socio-technical congruence perspective*

2012 "Software developers' coordination in software engineering projects", Presented during NICTA/UNSW Research Colloquium

2011	M. Hairul Nizam M. Nasir, Azah Anir Norman, **Shukor Sanim M. Fauzi**, Masliyana Azmi. "An RFID-Based Validation System for Halal Food". International Arab Journal for Information Technology. ***(Indexing: ISI Thomson, SCOPUS, Ulrich's Periodical Directory,DBLP, EBSCO)***

"Benefits of Group Awareness to a Group Work", Presented during NICTA Managing Complexity Group Student Seminar

S.S.M. Fauzi, N. Ramli, M.K.M. Noor. Implementing Internal Software Process Assessment: An Experience at a Mid-Size IT Company, pg 78-99. IGI Global

M.H.M. Nasir, N. A. Alias, **S.S.M. Fauzi**, M. H. Massatu. Implementation of the Personal Software Processin Academic Settings and Current Support Tools, pg 117 – 148, IGI Global

2010	**Shukor Sanim Mohd Fauzi**, P. Bannerman, M. Staples "Software Configuration Management in Global Software Development: A Systematic Map" 17th Asia Pacific Software Engineering Conference (APSEC2010), Sydney, Australia (30% acceptance rate) ***(indexed by SCOPUS)***

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"Global Software Configuration Management Process over a Global Software Development", Presented during NICTA Managing Complexity Group Student Seminar

"Following the Sun: Case Studies in Global Software Development", Presented during NICTA Managing Complexity Group Mini Seminar Series

"Understanding the Mutual Impact of Software Configuration Management and Group Awareness in Software Development", Presented during CSE Postgraduate Research Conference, University of New South Wales (UNSW)

"Software Configuration Management in Global Software Development: A Systematic Map", Presented during Managing Complexity Group Mini Seminar Series

2009	**Shukor Sanim M. Fauzi**, Nuraminah R., M.Hairul Nizam M. Nasir."The Extent of Software Process Improvement Models in Malaysia", International Multiconference on Engineers and Computer Sciencetist, 18-20 March 2009, Hong Kong, China. ISBN 978-988-17012-2-0, pp 1075 - 1080 ***(Indexing: ISI-Thomson, INSPEC, EBSCO, ISI-Thomson, Cambridge Scientific Abstract, DBLP, SCOPUS, Computer Science Bibliographies)***

Hazrina Hassan, M. Hairul Nizam M. Nasir, **Shukor Sanim M. Fauzi.** "Incorporating Software Agents in Personal Software Process (PSP) Tools", 9th International Symposium on Communication and Information Technology 2009, 28-30 September 2009, Songdo-iFEZ Convesia, Incheon, Korea. *IEEE Computer Society*

M. Hairul Nizam M. Nasir, Azah Anir Norman, **Shukor Sanim M. Fauzi,** Masliyana Azmi**. "Consumer Acceptance of RFID-Enabled Services in Validating Halal Status", 9th International Symposium on Communication and Information Technology 2009, 28-30 September 2009, Songdo-iFEZ Convesia, Incheon, Korea. *IEEE Computer Society***

Shukor Sanim M. Fauzi,Nuraminah R. M. Hairul Nizam M. Nasir. "Software Process

Improvement Models Implementation in Malaysia", Proceeding of The Third International Conference on Systems, Computing Science and Software Engineering.

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Shukor Sanim M. Fauzi, Nuraminah Ramli, Mohd Hairul Nizam M. Nasir."Measuring Software Project Planning Practices using Software Process Assessment Method", Conference on Scientific and Social Research (CSSR 2009). CD Proceeding.

Shukor Sanim M. Fauzi et al. "Learning Information Technology Audit and Procedure via the Development of Computer Center Model", ICT@EDU Conference, Appear in the Conference CD proceeding

Shukor Sanim M. n et al. "Intellectual Property in Software and Music:Revisited", ICT@EDU Conference, Appear in the Conference CD proceeding

Nuraminah R., **Shukor Sanim M. Fauzi**, Harnani."The Use of SQUEK to Assist Premier School", ICT@EDU Conference, Appear in the Conference CD proceeding

Shukor Sanim M. Fauzi, Nuraminah R., M. Hairul Nizam M. Nasir "Software Configuration Management: A Result from the Assessment and Its Recommendation". The Third International Conference on Information Management and Engineering (ICIME 2009), IEEE Computer Society (ISBN 978-0-7695-3595-1) Library Congress Number 2008911985, pp 423-426
(Indexing: EI Compendex, ISI-Thomson,SCOPUS)

Nuraminah R., **Shukor Sanim M. Fauzi** , M. Hairul Nizam M. Nasir " The Development of Software Configuration Management Repository". The Third International Conference on Information Management and Engineering (ICIME 2009) Computer Society (ISBN 978-0-7695-3595-1) Library Congress Number 2008911985 pp 416-419
(Indexing: EI Compendex, ISI-Thomson,SCOPUS)

MS 1965:PART 6:2008, Information Technology – Software Measurement – functional Size Measurement – Part 6: Guide for Use of MS 1965 Series and Related International Standards (ISO/IEC 14143-6:2006,IDT)

MS ISO/IEC 14598-6:2008, Software Engineering – Product Evaluation – Part 6: Documentation of Evaluation Modules (ISO/IEC 14598-6:2001,IDT)

MS ISO/IEC 15504-5:2008Information Technology – Process Assessment – Part 5: An Exemplar Process Assessment Model (ISO/IEC 15504-5:2006)

MS 2052:2007 Information Technology – Guidelines for the Management of Software Documentation (First Revision)

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N. Azylia A. Azam, **Shukor Sanim M. Fauzi**, et. al. "Security Enhancement for Globus (Grid) Local Area Cluster Using Port Knocking". Accepted with modification for publication in Computer and Information Science Journal.

2008   Mohd Hairul Nizam Mohd Nasir, Noor Hafizah Hassan,**Shukor Sanim M. Fauzi** "Protecting Windows Registry Directory Using Registry Tuning Tool And Hence Increasing The Security Level Of The Windows Operating System" *Information Technology Journal 7 (6)* (ISSN 1812-5638), pp840-849, 2008
(Indexing: SCOPUS, INSPEC, EI Compendex, EMBASE, ASCI-ACR)

Shukor Sanim Mohd Fauzi, Nuraminah Ramli, M.Hairul Nizam M. Nasir (2008). "Future of Software Process Improvement Research in Malaysia". Seminar Sains, Teknologi dan Sains Sosial (STSS 2008), Kuantan, Pahang.
(ISBN 978-983-2607-16-8)

Shukor Sanim Mohd Fauzi, Nuraminah Ramli, M.Hairul Nizam M. Nasir (2008). "Assessing Software Risk Management Practices in a Small Scale Project". International Symposium on Information Technology 2008 (ITSIM), Kuala Lumpur, IEEE Computer Society (ISBN 978-1-4244-2327-9) IEEE Cat No CFP0833E-PRT pp 2234-2238
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Nuraminah, **Shukor Sanim Mohd Fauzi** (2008). "The Effect of Pair Programming in Programming Language Subject". International Symposium on Information Technology 2008 (ITSIM), Kuala Lumpur, IEEE Computer Society (ISBN 978-1-4244-2327-9) IEEE Cat No CFP0833E-PRT pp 321-324
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Shukor Sanim Mohd Fauzi et. al. (2008). "Improving Computer Centre Through IT Audit Procedure". The 2nd International Conference on Science & Technology (ICSTIE 2008), 12-13 December 2008, Penang, Malaysia. (ISBN 978-983-42204-2-6)

Shukor Sanim M. Fauzi, Nuraminah R., M. Hairul Nizam M. Nasir (2008). "The Implementation of Software Process Improvement Models and Other Associated Frameworks in Malaysia". 4th Malaysian Software Engineering Conference 2008, 16-17 December 2008, Terengganu,Malaysia. (ISBN 978-983-2888-82-6) pp 391-394

Nuraminah R., **Shukor Sanim M. Fauzi**, M. Hairul Nizam M. Nasir (2008)." Establishing Software Configuration Management Process in a Small Scale Project: An Experience". 4th Malaysian Software Engineering Conference 2008, 16-17 December 2008, Terengganu,Malaysia. (ISBN 978-983-2888-82-6) pp 386-390

2007   **Shukor Sanim Mohd Fauzi**, Nuraminah & Riswan Efendi Terigan (2007),"Penilaian Kematangan Proses Perangkat Lunak Dalam Praktek Manajemen Risiko (Software Process Maturity Assessment for Risk Management Practices". National Conference on Computer Science and Information Technology VII, Jakarta, 29th – 30th January 2007 (ISBN-TBA)

Shukor Sanim Mohd Fauzi, Nuraminah (2007). "Software Project Management Maturity Assessment Model to Assess Software Project Management Practices". International Conferences on Computational Sciences and its Application (ICCSA 2007), IEEE Computer Society
(ISBN 0-7695-2945-3) Library Congress Number 2007930574 pp 375- 380
(Indexing: SCOPUS)

Shukor Sanim Mohd Fauzi, Nuraminah and Masrudy (2007). "OSS Configuration Management Repository to Improve Software Process Performance". 3rd Malaysian Conference on Software Engineering, Kuala Lumpur (ISBN 978-967-5026-23-2) pp 49 - 53

2006   **Shukor Sanim Mohd Fauzi**, Nuraminah, Implementing Software Process Assessment at Mid-Size Malaysian IT Company: An Experience and Lessons

Learned, Seminar IT di Malaysia, Terengganu, Malaysia, 2006. Appear in the CD proceeding

Shukor Sanim Mohd Fauzi, Nuraminah, Software Process Assessment: A Tool for Measuring Software Process, International Conference on Business IT, Kuala Lumpur, 2006. (ISBN 983-3643-47-7) Appear in the CD Proceeding

Shukor Sanim Mohd Fauzi, Nuraminah, , Ahmad Hanif (2006)."Implementing Software Process Assessment at Mid-Size Malaysian IT Company: Critical Success Factor", International Conference on Science and Technology, Penang, 2006 (ISBN 983-42204-0-5).

Nuraminah, **Shukor Sanim Mohd Fauzi**, Implementing Software Measurement Program at Mid-Size Malaysian IT Company: An Experience, International Conference on Science and Technology, Penang, 2006 (ISBN 983-42204-0-5).

Shukor Sanim Mohd Fauzi, Nuraminah(2006),"Implementing Software Process Assessment and Measurement Analysis Program at a Mid Size Malaysia IT Company." Proceedings 2nd European Union—Southeast Asia ICT Research Collaboration Conference, Jakarta, Indonesia, 11th-13th September 2006.(ISBN-TBA)

Shukor Sanim Mohd Fauzi, Nuraminah(2006),Software Process Assessment: An Experience."Proceedings 2nd Malaysian Software Engineering Conference, 16th -17th Nov 2006 (ISBN 983-42004-2-0) pp 70-73

Shukor Sanim Mohd Fauzi , Nuraminah (2006), "Implementing Software Process Assessment at a Mid-Size Malaysia IT company: An Establishment of Artifacts". International Symposium on ICT, 11th -12th Dec 2006 (ISBN-983-43160-0-3). pp 116-120

REPORT/THESIS

1. A Study on Computer Viruses Attacks and the Way to Cure Them, Report which had not been published, Universiti Teknologi Mara, 2003-2004.

2. Implementing software process assessment for project planning, risk management, requirements development, requirements management, process and product quality assurance and project monitoring control process areas at Heitech Padu Berhad, Master degree thesis which had not been published, Universiti Teknologi Malaysia, 2005-2006

3. Developer coordination in software engineering projects, PhD thesis, University of New South Wales, Australia

INVOLVEMENT in the DEVELOPMENT of MALAYSIAN STANDARDS / POLICY DEVELOPMENT

1. National AI Blueprint 2025

2. National Security Indexed

3. Pembangunan Kerangka dan Garis Panduan Literasi Kecerdasan Buatan (AI) Kementerian Pendidikan Malaysia (KPM) bagi Guru dan Murid

4. MS 1965:PART 6:2008
   Information Technology – Software Measurement – functional Size Measurement – Part 6: Guide for Use of MS 1965 Series and Related International Standards (ISO/IEC 14143-6:2006,IDT)

5. MS ISO/IEC 14598-6:2008
   Software Engineering – Product Evaluation – Part 6: Documentation of Evaluation Modules (ISO/IEC 14598-6:2001,IDT)

6. MS ISO/IEC 15504-5:2008
   Information Technology – Process Assessment – Part 5: An Exemplar Process Assessment Model (ISO/IEC 15504-5:2006)

7. MS 2052:2007 Information Technology – Guidelines for the Management of Software Documentation

COMMUNITY SERVICES

Advisor, UiTM@Komuniti 2020 – Penghasilan Face Shield V1.0

Advisor, UiTM@Komuniti 2020 – Penghasilan Face Shield V2.0

Advisor, Program 1 Beg Sekolah 2020

Committee, Program Jalinan Kasih Ramadhan bersama Masyarakat

Motivator, Program Khidmat Masyarakat Persatuan Seni Lukis (PERSEL)

Workshop on Designing Effective Poster for Innovation at Sekolah Menengah Agama (P) Alawiyah (SMKAP), Kangar, Perlis

Workshop on Writing Abstract for Research and Innovation at Sekolah Menengah Agama (P) Alawiyah (SMKAP), Kangar, Perlis

Research and Innovation Talk at Maktab Rendah Sains Mara, Berseri, Perlis

INCOME GENERATION

Total income generated: RM728,844.50

Karnival Keusahawanan Fakulti Sains Komputer & Matematik UiTM Cawangan Perlis
Total income generated : RM7000

The 3rd International Innovation, Design and Articulation (i-IDeA2016)
Total income generated : RM396,325.50
Total income generated from sponsorship : RM40,000

The 4th International Innovation, Design and Articulation (I-IDeA2018)
Total income generated : RM272,969.00

Thesis Formatting Workshop
Total income generated : RM3810

Basic Elements of Thesis Workshop
Total income generated: RM740.00

The 1st International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMITSIC2017)

Total income generated : RM48,000

INTERNATIONALIZATION

Responsible for initiating **Memorandum of Understanding (MoU) signed between Universiti Teknologi MARA, Perlis Branch with Universitas Gadjah Mada (UGM), Indonesia**

Responsible for initiating **Memorandum of Understanding (MoU) signed between Universiti Teknologi MARA, Perlis Branch with Asosiasi Pengkomputeran dan Ilmu Komputer (APTIKOM), Riau**

Responsible for initiating **Memorandum of Understanding (MoU) signed between Universiti Teknologi MARA, Perlis Branch with Islam Negeri Sunan Ampel, Surabaya (UIN Sunan Ampel) in May 2021**

Responsible for initiating **Memorandum of Agreement (MoA) signed between Universiti Teknologi MARA, Perlis Branch with Universiti Islam Riau (UIR) in June 2021**

Responsible for initiating **Memorandum of Understanding (MoU) signed between Universiti Teknologi MARA, Perlis Branch with Universitas Pembangunan Nasional "Veteran' Jawa Timur – Approved by PUU**

Responsible for initiating **Memorandum of Understanding (MoU) signed between Universiti Teknologi MARA, Perlis Branch with Universiti Riau (UNRI) in August 2020**

Responsible for initiating **Memorandum of Understanding (MoU) signed between Universiti Teknologi MARA, Perlis Branch with Universiti Riau (UNRI) in April 2017**

Responsible for initiating **Memorandum of Understanding (MoU) signed between Universiti Teknologi MARA, Perlis Branch with Universiti Islam Riau (UIR) in April 2017**

Strategic Collaboration in organizing The 1st International Malaysia-Indonesia-Thailand Syposium on Innovation and Creativity (iMITSIC2017), Malaysia
Role: Initiator and Chairman
Number of international institutions : 3 international institutions (UIR, UNRI, PNU)

Strategic Collaboration in organizing The 2nd International Malaysia-Indonesia-Thailand Syposium on Innovation and Creativity (iMITSIC2017), Pekanbaru, Riau
Role: International Steering Committee
Number of international institutions : 3 international institutions (UIR, UNRI, PNU)

Strategic Collaboration in organizing The 2nd International Malaysia-Indonesia-Thailand Syposium on Innovation and Creativity (iMITSIC2017), Pekanbaru, Riau
Role: International Steering Committee
Number of institutions : 4 international institutions (UIR, UNRI, PNU, YRU)

Strategic Collaboration in organizing The 3rd International Innovation, Design and Articulation (i-IDeA2016)
Role: Director of Promotion and Sponsorship
Number of institutions : 3 international institutions (UIR, UNRI, PSU)

Strategic Collaboration in organizing The 4th International Innovation, Design and Articulation (i-IDeA2018)
Role: Chairman of Innovation
Number of institutions : 5 international institutions (UIR, UNRI, PSU, UUI, Curtin University)

CONSULTATION

Total value of the of the consultation – RM96,786.86

Academic Webinar Systematic Literature Review – RM5210

Publish and Flourish: Publish in High Impact Journal – RM7120

The 3rd i-IDeA 2016 - RM76,931.86

Thesis formatting Workshop - RM3810

Basic Elements of Thesis Workshop - RM740.00

Technical Consultant IRIS2016 - RM975

Technical Talk: Petrochemical Industry – RM2000

CONTRIBUTION TO UNIVERSITY/STUDENTS

Successfully **organized The 4th International Malaysia-Indonesia-Thailand Symposium On Innovation and Creativity, iMIT SICTM 2021 as Co-Chairman**.

Currently appointed as a **Main Chairman for** The 5th International Innovation, Design and Articulation (i-IDeA 2020). Comprises of **17 Satellite Events.**

Successfully **organized The 1st International Malaysia-Indonesia-Thailand Symposium On Innovation and Creativity, iMIT SICTM 2017 as Main Chairman**. Not less than **430 products** joined the event with **income generation of RM48,000**.

Successfully **organized The 3rd International Innovation, Design and Articulation, i-IDeATM** in April **2016** as **Director of Promotion and Sponsorship**. With total of **13 Satellite Events**, the competition has attracted more than 600 products to compete. A good collaboration from Strategic Partners locally and abroad. **Total income generated was RM396,325.50**. **Total sponsor generated was RM40,000.**

Successfully **organized The 4th International Innovation, Design and Articulation, i-IDeATM** in April **2018** as **Chairman of Innovation**. **14 Satellite Events** was introduced and more than 700 products participated. A very good collaboration from Strategic Partners locally and abroad. Total **income generated was RM272,969.00**.

Successfully **organized International Teaching and Learning Innovation (i-TeLearN2017)** in **August 2017** as Chairman of Sponsorship, Strategic Partner and Internationalization. A very good collaboration from Strategic Partners locally and abroad. Total **income generated was RM150,000.00**.

Successfully organized **The 1st Seminar on Innovation and Creativity, The 2nd Seminar on Innovation and Creativity, The 3rd Seminar on Innovation and Creativity, 5th Seminar on Innovation and reativity 2018, The 6th Seminar on Innovation and Creativity, The 7th Seminar on Innovation and Creativity** as an **Advisor.**

Successfully organized **Ministry of Education Research Grant Workshop 2018** as a **Chairman.**

Being appointed as an **Advisor** for **Jawatankuasa MyRA UiTM Cawangan Perlis.**

Being appointed as an **Advisor for Pertandingan Inovasi Sempena Hari ICT 2019.**

Successfully organized **Bengkel Penulisan Artikel Pendek** as a **Deputy Chairman.**

Successfully organized **Jalinan Akademik, Penyelidikan dan Pengantarabangsaan ke Prince of Songkla University 2016** as a **Chairman.**

Successfully organized **Jalinan Akademik, Penyelidikan dan Pengantarabangsaan ke Prince of Songkla University 2017** as a **Chairman.**

Successfully organized **Graduate on Time Workshop 2018** as a **Chairman.**

Successfully organized **Early Career Grantsmanship** as a **Chairman.**

Successfully organized **Awareness Seminar: Unleashing the Power of Big Data** as a **Chairman.** The event has attracted 200 participants researchers, practitioners and students from northern region of Malaysia.

Successfully organized **Graduate Talk 2015, Graduate Talk V2.0 2016, Graduate Talk 2017, Graduate Talk 2.0 2017, Graduate Talk v1.0 2018, Graduate Talk v2.0 2018, Graduate Talk v3.0 2018** as a **Chairman.** The program was organized to provide an input about postgraduate studies to final year students in UiTM Perlis.

Successfully organized **English for Academic Writing** as a **Chairman.**

Successfully organized **Nurturing Tomorrow's Young Researchers: Postgraduate Development Programme** as a **Chairman.**

Successfully organized **Advanced Word for Academic Writing** as a **Chairman.**

Successfully organized **Thesis Writing Workshop** as a **Chairman.**

Successfully organized **Bibliographic Software using Mendeley Workshop** as a **Chairman.**

Successfully organized **Teh Tarik Session: Let's Share your Research** as a **Chairman.**

Successfully organized **Get2Gether: Believe in Yourself** as a **Chairman.**

Successfully organized **UiTM Perlis Contingent to The 2nd iMITSIC, Indonesia** as an **Advisor.**

Appointed as an **Advisor** for **The Undergraduate Seminar on Innovation and Creativity (USIC 2016)** as an **Advisor.**

Appointed as an **Advisor** for **The 2nd Undergraduate Seminar on Innovation and Creativity (USIC 2017).**

Being appointed as an **Advisor** for **UiTM Perlis Postgraduate Society**

Appointed as a **Head of Delegates** for **Jalinan Akademik, Penyelidikan dan Pengantarabangsaan ke Prince of Songkla University 2016**

Appointed as a **Head of Delegates** for **Jalinan Akademik, Penyelidikan dan Pengantarabangsaan ke Prince of Songkla University 2017**

Appointed as a **Head of Contingent** for **UiTM Delegates to IIDEX2016 (won 9 Gold 1 Bronze from 10 participation)**

Appointed as a **Committee** *(Level: University)* for **Jawatankuasa Teknikal Perolehan Peralatan**

Penyelidikan/ICT UiTM Cawangan Perlis

Appointed as a **Committee** *(Level: University)* for **Jawatankuasa Percambahan Inovasi UiTM Cawangan Perlis**

Appointed as a **Committee** *(Level: University)* for **Jawatankuasa Penyelidikan Negeri (JPN)**

Appointed as a *Deputy Chairman (Level: University)* for **Jawatankuasa Jalinan Antarabangsa UiTM Cawangan Perlis**

Appointed as a **Committee** *(Level: University)* for **Jawatankuasa Perancangan Strategik UiTM Perlis 2017**

Appointed as a **Committee** *(Level: University)* for **Jawatankuasa Pemantauan Perancangan Strategik UiTM Perlis 2015**

Appointed as a **Committee** *(Level: University)* for **Jawatankuasa Panel Perancangan Strategik FSKM (2014)**

Appointed as a **Committee** *(Level: University)* for **Jawatakuasa Penyelidikan, Inovasi dan Geran Jabatan Sains Komputer 2017-2018**

Appointed as a **Committee** *(Level: University)* for **Jawatankuasa Kecil Perancangan Strategik FSKM (2015)**

Appointed as a **Committee** *(Level: University)* for **Jawatankuasa Kecil Perancangan Strategik FSKM (2016)**

Appointed as a **Committee** *(Level: University)* for **Jawatankuasa Pembudayaan Penyelidikan, Inovasi dan Geran FSKM 2016**

Appointed as a **Committee** *(Level: University)* for **Principles of Data Management (ICT550),** Faculty of Computer and Mathematical Sciences (2015)

Appointed as a *Chairman (Level: Faculty)* to develop curriculum structure and content for MSc in Business Intelligence and Data Analytic

Appointed as a **Committee** *(Level: University)* to develop curriculum structure and content for MSc in Business Intelligence and Data Analytic

Appointed as an **Advisory Panel** *(Level: Faculty)* for **Strategic Planning (Thinkers group) for Faculty of Computer and Mathematical Sciences (2014)**

Appointed as a **Committee** *(Level: University)* to develop curriculum structure and content for B.Sc (Hons) Software Engineering B. Sc (Hons) Software Engineering (Web Engineering)

Appointed as a an **Academic Advisor** *(Level: Faculty)* for B.Sc (Hons) Information Technology student (2014)

Appointed as a *Course Coordinator (Level: Faculty)* for Information Systems Audit and Control Course - 2008

Appointed as a **Committee** *(Level: University)* for Unit of Industrial Linkage and Community (2008)

Appointed as a **Committee** *(Level: University)* for Unit Penerbitan Universiti (UPENA) – (2007)

Appointed as a **Committee** *(Level: University)* for Research, Development and Commercialization Unit (URDC) – (2007)

Appointed as a **Webmaster** *(Level: Department)* for Department of Computer Science Webmaster – (2007)

Appointed as a **Webmaster** *(Level: University)*, Research,Development and Commercialization Unit (URDC) Webmaster – (2007)

Appointed as a **Webmaster** *(Level: University)* for Unit of Industrial Linkage and Community Committee Webmaster – (2008)

Appointed as a **Project Committee**, Oracle Workshop – 2007

Appointed as a *Project Committee* for, **"A Workshop on Paper Prototyping as a Tool to Teach Software Development Courses"** – 2007

Appointed as a *Project Director* for **"Research Talk" (Advances in Embedded System)** – (2007)

Appointed as a **Workshop Committee** for **Workshop on Fundamental Research Grant Scheme (FRGS)** – 2007

Appointed as a **Workshop Committee** for **Workshop on "Penulisan Motivasi kearah Penulisan Akademik"** - 2007

Appointed as a **Committee** for Department of Computer Science Publication (2006)

Appointed as a *Committee* for Department of Computer Science 10 Years Publication (2006)

Appointed as a **Committee** for Academic Delegation (2006-2007)

Appointed as a **Committee** for Workshop on PHP/MySQL (2006)

Appointed as a **Committee** for Workshop on Mathematic (2006)

Appointed as a **Committee** for IPTA/IPTS Exhibition (2006)

Appointed as a **Facilitator** for "Program Pembangunan dan Kepimpinan Pelajar (PLKP)" - (2006-2007)

REFEREES

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