



Dr. Tengku Shahrom bin Tengku Shahdan (DrT)

School of Education and Human Sciences
Albukhary International University
Jalan Tun Abdul Razak, 05200 Alor Setar
Kedah, MALAYSIA

H/P: +6011-1574 1998
e-mail: shahrom.shahdan@aiu.edu.my

EDUCATION

Ph.D Instructional Technology, The University of Georgia, USA. June 1994.

M.Ed Computer-based Education, The University of Georgia, USA. July 1990.

P.G.C.E. (Post Graduate Certificate in Education), Mathematics and Physics Education, Malayan Teachers College. September 1983.

B.Sc. (Hons.) Mathematics, Hatfield Polytechnic (Hertfordshire University), England. July 1982.

PROFESSIONAL EXPERIENCE

Nov 2024 – Present **Associate Professor and Head of Research Committee, School of Education and Human Sciences**

Albukhary International University, MALAYSIA

Responsible for providing leadership, developing strategic directions and future plans and engage in activities to enhance the quality and increase the quantity of the School's research and publication capabilities.

Under-graduate Courses Taught:

- Higher Order Thinking Skills in Education
- Elementary Science
- Research Methods in Education
- Social Business 1
- Technology Enhanced Education
- Technology For Young Children
- Teaching Elementary Science
- Gifted and Talented in Early Childhood

2022 – 2024 Associate Professor and Dean, School of Education and Human Sciences
Albukhary International University, MALAYSIA

Responsible for the operations of the School by providing leadership to the School, developing strategic directions and future plans, engage in activities to increase graduate and undergraduate student enrollment. Helped secure Full Accreditation for Bachelor in Elementary Education (BEE) and Bachelor in Early Childhood Education (BECE) programs in November 2022 and Bachelor in Media and Communications (BMC) from the Malaysian Qualifications Agency (MQA) in November 2023.

2014 – 2021 Associate Professor, Faculty of Education and Social Sciences
Early Childhood Education Department
Director, Center of Digital Learning and Multimedia
Universiti Selangor, MALAYSIA

Teaching and mentoring Diploma, Degree and Doctorate students in the faculty.
Evaluation panel for students' teaching practicum.

Post-graduate Courses Taught:

- Instructional Systems and Technology
- Entrepreneurship in Education
- Towards Global Curriculum Development
- Educational Research Methods

Under-graduate Courses Taught:

- Philosophy of Early Childhood Education
- Pedagogy in Early Childhood Education
- Psychology in Early Childhood Education
- Assessment and Evaluation in Early Childhood Education
- Instructional Technology and ICT in Education
- Critical Thinking and Creativity
- Parents and Community Involvement in Education
- Research Methods in Education

An Internal Lead Auditor for UniSel's ISO 9001 and ISO 21001:2018 Educational Organizations Management Systems (EOMS) certification process.

Main Internal Evaluator and Expert Trainer for academic staff in Writing FRGS and PRGS Research Grant Proposals, eLearning, Innovations in Teaching and Learning.

As Director of CDLM: Responsible for strategic planning and coordination of the development and delivery of technology enabled learning environments and overseeing eLearning initiatives and training of academic staff upskilling in developing online courses and using eLearning platform for Teaching and Learning.

2016 Associate Professor and Dean, Faculty of Business and Accountancy
Universiti Selangor, MALAYSIA

Responsible for the operations of the Faculty of Business by providing leadership to the Faculty, developing current and future programs, engaged in activities to increase graduate and undergraduate student enrollment.

Under-graduate Courses Taught:

- Business Communications
- Research Methods
- Strategic Management
- Entrepreneurship
- Instructional Technology and ICT in Education
- Research Methods in Education

Post-graduate Courses Taught:

- Instructional Systems and Technology
- Entrepreneurship in Education

2012 – 2014 Associate Professor and Dean Faculty of Information Technology
UNITAR International University, MALAYSIA

Provided positive administrative leadership and educational vision for the faculty, professional and support staff, student growth and development, other departments of the University, and the community.

Provided leadership in initiating new programs and planned, researched and provided vision for disciplines and programs for the Faculty of Information Technology.
Responsible for program growth, student retention and student success.

Sept. 2003 - 2011 President & Chief Executive Officer
Impian Teknik Integration System Sdn. Bhd., MALAYSIA

Providing consulting services and design solutions for clients in the areas of content development, e-Learning, computer-based training and organisational performance improvement initiatives.

Responsible for leading more than 120 employees to manage the design and development of e-learning solutions for schools, government agencies and corporate bodies. Strategising the business development, marketing and strategic corporate direction for the company.

Sept. 2003 - 2008 Owner and Principal Advisor
Little Al-Azhar Islamic Preschool, Petaling Jaya, MALAYSIA

Setup and developed the curriculum and pedagogical philosophy of an English medium Preschool with the immersion of Islamic Knowledge, Adab and Akhlaq in the teaching and learning practice in the school.

Sept. 2000 – August 2003 General Manager, Product Development
Pintar Media Sdn. Bhd., MALAYSIA

Responsible for leading and managing the design and development of e-learning solutions for science education in schools. Strategising the business development, marketing and strategic corporate direction for the company's foray into the e-learning market.

Planning and designing the production of interactive laboratory simulation tools, Web-based science educational courseware and an e-learning science portal. Team have produced courseware lessons, 10 simulation applications, for the London Grid for Learning Project in six months with a team of 35 people.

Jan. 2000 – Aug. 2000 General Manager, Research and Development
Associate Professor, Faculty of IT
University Tun Abdul Razak (UNITAR)

Responsible for research into new e-learning methodologies and product initiatives to lead the university into the most efficient and effective use of technology in the teaching and learning process and new IT-based business opportunities.

1997 - 1999 Senior Manager, Instructional Technology &
Associate Professor, Faculty of IT
University Tun Abdul Razak (UNITAR)

Responsible for designing and the conceptual framework for UNITAR's (The World's First Virtual and Online University) learning environment and supporting systems.

Set up the multimedia courseware development facility, process and procedures for the Virtual University. Lead and manage the design and development of interactive multimedia CD-ROMs and Web-based courseware for the academic contents. Produced more than 250 CD Titles with a team of 120 people.

Designed the features and specifications of the Virtual Online Instructional Support System (VOISS) as a Web-Based instructional support tool for the virtual university learning environment. Students take quizzes, assignments even participate virtual on-line tutorial with one-way voice / audio, whiteboard sharing and text replies.

1997 Head, School of Business and Management
Telekom Training College
Telekom Malaysia Berhad

Responsible for leading and managing the School of Business and Management in planning, designing, developing and conducting training courses as well as conduct training needs analysis, evaluations and consulting for the customers of the Training College. Directly responsible for monitoring and improving the performance of the Training units of the School.

Project Leader for Distance Education Project for Telekom Malaysia to link Telekom Training College, KL and the various sites of Telekom Training Colleges.

1996 Head of Strategic Services
Telekom Training College
Telekom Malaysia Berhad

Main responsibility as the Financial Controller and Head of Strategy for Telekom Training College in formulating business plan, budgetary planning, monitoring and control, finance and accounts.

Also responsible for formulating strategic plans for the organisation in areas of new courses and businesses, training needs analysis, training quality assurance, computerisation plan and MIS, and new ventures into multimedia development and distance learning.

**1995 Head of Instructional and Learning Performance Center &
Senior Lecturer in Centre for Information Systems Engineering**
Institute of Telecommunications and Information Technology (ITTM)
Telekom Malaysia Berhad

Responsible for planning and developing the proposal papers for the setting up of Telekom University (now Multimedia University). Planned and developed initiatives for implementing teaching skills upgrade and development of ITTM's lecturers, learning and self development of students through the uses of instructional design principles, instructional technology, workshops and seminars.

Designed curriculum, plan and deliver lectures in Computer Applications, Human Computer Interaction, Multimedia Development and Programming.

1994 Head of Training Technology
Insitut Aminuddin Baki
Ministry of Education Malaysia

Responsible for planning and implementing the infusion of new ICT technologies and facilities in the Institute. Designed, developed and implemented instructional technology and ICT in Education courses for facilitators of educational resource centers.

- 1992 - 1994 Graduate Research Assistant**
 Department of Instructional Technology &
 National Reading Research Center
 The University of Georgia, USA
- Member of the initial team planning the implementation of Distance Education via multi sites videoconferencing sponsored by Southern Bell, Georgia, USA. Conducted research activities on Mental Models and its relevance to Interactive Multimedia in education. Involved in the development and design of an Electronic Performance Support System for the University to enhance technology integration in classrooms.
- Involved in designing interactive simulations and video-based multimedia systems for training of U.S. Army generals and personnel. Conducted qualitative research on “Appropriation of Multimedia and Interactive Technology to Enhance Elementary School Students’ Motivation to Read” sponsored by the US National Reading Research Center.
- 1992 Instructional Designer**
 Georgia Quick Start, Georgia State Department of Technical, Vocational and Adult Education, Atlanta, USA
- Designed, developed and evaluated computer-based training CD-ROMs and interactive videos for training of General Mills employees. Designed and developed modularised interactive multimedia based CD-ROMs management programs for Holiday Inn International.
- 1989 - 1992 Graduate Teaching/Research Assistant**
 Department of Instructional Technology
 The University of Georgia, USA
- Conducted research on uses of computer network for distance on-line research for the MENTOR project (Meeting Educational Needs Through On-Line Research) for three high schools in Georgia. Advised and assisted teachers in Clarke County school district in implementing interactive multimedia technology in the classrooms.
- 1988 - 1989 Computer in Education Unit Lecturer**
 National Institute for Educational Management
 Ministry of Education, Kuala Lumpur, MALAYSIA
- Responsible for planning, developing, and implementing courses for senior officers and educators of the Ministry of Education in the uses and integration of computers in Malaysian schools. Member of the National Computer Education Policy Task Force.
- 1983 - 1988 Teacher/Educator**
 Sultan Sulaiman Secondary School
 Kuala Terengganu, MALAYSIA
- Taught Mathematics, Additional Mathematics and Physics for Form Four and Form Five students. Introduced computer clubs to schools in Terengganu state. Also appointed as the Key Resource Person to develop and conduct training programs for the integration of computer technology in the classrooms for teachers in the state of Terengganu. Developed and implemented a training program for the integration of computer technology in classrooms for Terengganu State teachers.
-

SELECTED SPECIAL RESPONSIBILITIES:

Evaluation Panel Member. Ministry of Higher Education (2012 – present)

Appointed as an Expert Panel Member for the evaluation of proposals for **Fundamental Research Grant Scheme (FRGS)** and **Prototype Research Grant Scheme (PRGS)** in the ICT research cluster.

Albukhary International University Senate and Exco Committee Member. (2022 – 2024)

Universiti Selangor Senate and Exco Committee Member. (2016 – 2020)

UNITAR International University Senate and Exco Committee Member. (2012 – 2014)

Consultant, Reviewer and Mentoring for FRGS and PRGS. Developed and conducted training and mentoring on how to write winning proposals for both grants.

ISO 9001 and EOMS 21001 Lead Auditor. Lead a team of internal Auditors for ISO 90001 and EOMS 21001 certification for University Selangor in 2018 and yearly auditing.

Online Teaching Mentor and Trainer. Developed and conducted training programs for online teaching and learning for lecturers of the faculty and the University.

Member of UniSel ICT Steering Committee. Provide guidance and planning advice for the use of ICT hardware and systems, eLearning and Internet for the University.

Ph.D, Ed.D and M.Ed Research Supervisor. Supervised 10 PhD students, 8 EdD students and 2 M.Ed student with their research.

SELECTED RESEARCH GRANTS, CONSULTATIONS AND PROJECTS

Title	Role	Grant	Start	End
Developing A Parentech Model To Alleviate The Negative Effects Of Digital Pacification On Children	Member	FRGS	1/10/2023	30/09/2025
Development of Digital Intergenerational Learning Model for Enhancing Social Connection in Elderly People	Member	FRGS	1/10/2023	30/09/2025
Promoting Teacher Education for Climate Change Education through Collaboration between Asian Centres of Excellence on Education	Member	ATECCE	1/03/2021	1/03/2024

for Sustainable Development (ATECCE)				
An Instructional Digital Model for Children with Autism to Promote Virtual Learning during Pandemic.	Member	FRGS	7/09/2021	6/09/2023
Waqf Sustainability Fund Model For A Healthy Community Lifestyle In Malaysian Higher Education Institution.	Member	FRGS	7/09/2021	6/09/2023
Digital-Oriented Instructional Framework in Promoting Inclusiveness for Ageing Society	Member	FRGS	1/11/2020	30/10/2022
Mood Analytics Model Based On Social Media Activities To Indicate Emotional Well-Being Status Among B40 Young Adults.	Member	FRGS	1/11/2020	30/10/2022
A Conceptual Model Of Analogue Gamification For Primary School Pupils' Language Learning Skills	Member	FRGS	1/09/2020	30/05/2022
Interactive Learning Model For Low-Income Primary School Pupils	Member	FRGS	1/09/2020	30/11/2022
Partner Reading: An English Literacy Tutoring Project	Member	Geran Penyelidikan Bestari Unisel	3/01/2019	31/12/2019
Critical Dimensions for Raising the Quality of Life for Selangor State Citizens	Member	Geran Penyelidikan Negeri Selangor	2/10/2017	30/09/2018
HLAF Online Program for Education (HOPE)	Member	HLAF Research Grant	1/06/2015	31/12/2019
Development of Malaysian Research Portal: Knowledge Resource for Science and Technology Experts (KRSTE.my)	Project Leader	MOSTE Technofund	06/07/2009	30/09/2011
Development of Interactive Courseware for E-Pembelajaran Sector Awam (EPSA), INTAN	Project Leader	INTAN	01/09/2008	30/09/2009
Development of Animation Series - Danial	Project Leader	MOSTE Creative Content Grant	6/07/2007	30/06/2008

Development of PPSMI Educational Teaching Courseware for Form Four Biology Subject	Project Leader	PPSMI, Min. of Education	01/09/2005	31/08/2006
Development of PPSMI Educational Teaching Courseware for Form Three Science Subject	Project Leader	PPSMI, Min. of Education	01/09/2004	31/08/2005
Development of PPSMI Educational Teaching Courseware for Form Two Science Subject	Project Leader	PPSMI, Min. of Education	01/09/2003	31/08/2004
Development of PPSMI Educational Teaching Courseware for Standard One and Form One Science Subject	Project Leader	PPSMI, Min. of Education	01/09/2002	31/08/2003
Development of Malaysian Grid for Learning (MyGfL)	Project Leader	MOSTE Technofund	3/06/2002	6/10/2006
Development of Virtual Laboratory Physics Simulation Software for Education	Project Leader	Multimedia Super Corridor Grant	1/09/2000	29/08/2003
Development of a knowledge bank and repository in Islamic Economics and Finance for Islamic Development Bank Research and Training Institute (IRTI)	Project Leader	IRTI Internal Grant	1/09/1999	2/10/2000

PAPER PUBLICATIONS FOR 2019 - 2024

No.	Authors Name	Title of Article	Title of Journal/Proceedings/Conference	Pages Number
1	Aminu Haliru Salame, Tengku Shahrom Tengku Shahdan , Bakare Kazeem Kayode, Lim Seong Pek (2024)	Enhancing STEM Education in Rural Schools through Play Activities: A Scoping Review	International Journals on Studies in Education (IJSOE) - Web of Science	103 – 104

2	Muhammad Asri Mohd Ali, Nahdatul Akma Ahmad, Mohamed Imran Mohamed Ariff, Nursyahidah Alias, Zirawani Baharum, Tengku Shahrom Tengku Shahdan (2024)	Recent issues of elderly intergenerational instructional strategies: a scoping review	Journal of Education and Learning (EduLearn) 18 (3) - Scopus	1066 - 1077
3	Rita Wong Mee Mee, Noor Hanim Harun, Lim Seong Pek, Suzulaikha Mohamed, Tengku Shahrom Tengku Shahdan, Anisa Ahmad (2024)	The impact of screen time on children's well-being development: a scoping review.	International Journal of Public Health Science (IJPHS) 13 (3) - Scopus	1192 - 1200
4	Nurul Asyiqin Jalil, Lim Seong Pek, Suzulaikha Mohamed, Noor Hanim Harun, Rita Wong Mee Mee, Tengku Shahrom Tengku Shahdan (2024)	The Possible Effects Of Digital Media And Parental Screen Soothing On Children	Quantum Journal of Social Sciences and Humanities 5 (3) - MyCite	91 - 99
5	Afiq Azri Mohd Ghani, Fatin Syamilah Che Yob, Lim Seong Pek, Rita Wong Mee Mee, Md Rosli Ismail, Uzzairah Nabila Ahmad Tazli, Tengku Shahrom Tengku Shahdan (2023)	The Impact of Single Motherhood on a Child's Emotional Disposition in Asia: A Scoping Review	Makara Human Behavior Studies in Asia 27 (1).	19 - 27
6	NNM Zaid, NA Ahmad, MF Abd Rauf, A Zainal, FHA Razak, TST Shahdan,	Elderly and their barriers to accepting and learning to use technology: A scoping review.	Masyarakat, Kebudayaan dan Politik 36 (1),	1-17
7	Nooraida Yakob, Munirah Ghazali, Nidhoil Mohamed Ibrahim, Tengku Shahrom Tengku Shahdan (2023)	Report from Malaysia	Promoting Teacher Education for Climate Change Education through Collaboration between Asian Centres of Excellence for Education for Sustainable Development (ATECCE)	56-63
8	Woo,A.' Omar,S.F. Nawi,H.S.A., Pek,L.S. Mee,R.W.M. Shahdan, T.S.T. (2022)	Digital Educational Tools: Teachers' View On Learners Attitude	Quantum Journal Of Social Sciences And Humanities 3(2): 52-56. eISSN: 2716-6481	52-56.
9	Ghani,A.A.M., Pek, L.S., Mee, R.W.M., Shahdan, T.S.T., Yob, F.S.C. (2022)	Impact of VUCA world on children's emotional development during online learning	International Journal of Public Health Science, 2022, 11(3), pp. 800-807	800-807

10	RYM Mee, Y S Rao, Lim S P, Khatipah Abd Ghani, Wong Yee Von, Md Rosli Ismail, Tengku Shahrom Tengku Shahdan (2022)	Gamifying education for classroom engagement in primary schools	International Journal of Evaluation and Research in Education (IJERE), Vol. 11, No. 3, September 2022, pp. 1360~1367	1360~1367
11	Latifah Abd Latib, Hema Subramaniam Siti Khadijah Ramli, Affezah Ali, Astri Yulia' Tengku Shahrom Tengku Shahdan, Nor Sheereen Zulkefly (2022)	Machine Learning Algorithm Accuracy for Code-Switching Analytics in Detecting Mood	IJCSNS International Journal of Computer Science and Network Security, VOL.22 No.9, September 2022	334-342
12	Yugeshineey Subba Rao, Rita Wong Mee Mee, Khatipah Abd Ghani, Lim Seong Pek, Wong Yee Von, Md Rosli Ismail, Tengku Shahrom Tengku Shahdan (2022)	Gamification Elements For Sustainability Learning: A Scoping Review	European Proceedings of Multidisciplinary Sciences (EpMS), October 2022, e-ISSN: 2421-826X	547-559
13	Fatin Syamilah Che Yob, Afiq Azri Mohd Ghani, Lim Seong Pek, Md Rosli Ismail, Rita Wong Mee Mee, Uzzairah Nabila Ahmad Tazli, Tengku Shahrom Tengku Shahdan (2022)	V.U.C.A. And Sustainable Well-Being: Impact On B40 Children's Socio-Emotional Development	European Proceedings of Multidisciplinary Sciences (EpMS), October 2022, e-ISSN: 2421-826X	167-175
14	Adelaide Woo, Siti Fatimah Omar, Rita Wong Mee Mee, Haslinda Sutan Ahmad Nawi, Tengku Shahrom Tengku Shahdan, Lim Seong Pek (2022)	From Digital Divide To Education Sustainability: A Scoping Review	European Proceedings of Multidisciplinary Sciences (EpMS), October 2022, e-ISSN: 2421-826X	560-573
15	Nahdatul Akma Ahmad, Muhammad Fairuz Abdul Rauf, Najmi Najiha Mohd Zaid, Azaliza Zainal, Tengku Shahrom Tengku Shahdan, Fariza Hanis Abdul Razak (2022)	Effectiveness of Instructional Strategies Designed for Older Adults in Learning Digital Technologies : A Systematic Literature Review	SN Computer Science (2022) 3:130	130-143
16	Adelaide Woo, Siti Fatimah Omar, Lim Seong Pek, Haslinda Sutan Ahmad Nawi, Rita Wong Mee Mee, Tengku Shahrom Tengku Shahdan, (2022)	Teachers' Choice Versus Learners' Attitude: Interactive Learning Tools For Sustainable Education	European Proceedings of Multidisciplinary Sciences (EpMS), October 2022, e-ISSN: 2421-826X	130-143

17	Yugeshineey Subba Rao, Rita Wong Mee Mee, Khatipah Abd Ghani, Lim Seong Pek, Wong Yee Von, Md Rosli Ismail, Tengku Shahrom Tengku Shahdan (2022)	Gamification In Education For Sustainable Development	European Proceedings of Multidisciplinary Sciences (EpMS), October 2022, e-ISSN: 2421-826X	156-162
18	Najmi Najiha Mohd Zaid, Muhammad Fairuz Abdul Rauf, Nahdatul Akma Ahmad, Azaliza Zainal, Fariza Hanis Abdul Razak, Tengku Shahrom Tengku Shahdan (2022)	Sustainability Learning For Older Adults Through Technology Use: A Systematic Literature Review	European Proceedings of Multidisciplinary Sciences (EpMS), October 2022, e-ISSN: 2421-826X	177-185
19	Yob, F. S. C., Ghani, A. A. M., Pek, L. S., Mee, R. W. M., Ismail, M. R., Tazli, U. N. A., & Shahdan, T. S. T. (2022)	The Factors Affecting School Teachers' Well-being during Pandemic Era: A Scoping Review. 952–971.	International Journal of Academic Research in Progressive Education and Development, 11(4)	952–971
20	RWM Mee, LS Pek, WY Von, KA Ghani, TST Shahdan , MR Ismail, YS Rao (2021)	A Conceptual Model of Analogue Gamification to Enhance Learners' Motivation and Attitude.	International Journal of Language Education 5 (2),	40-50
21	SF Omar, HSA Nawawi, RWM Mee, LS Pek, TST Shahdan , A Woo (2021)	Readiness in using online interactive platforms for remote teaching	Indonesian Journal of Electrical Engineering and Computer Science,	1047-1053
22	RW Mee Mee, TST Shahdan , MR Ismail, KA Ghani, LS Pek, WY Von (2020)	Role of Gamification in Classroom Teaching: Pre-Service Teachers' View.	International Journal of Evaluation and Research in Education 9 (3),	684-690
23	SF Omar, HSA Nawawi, RWM Mee, LS Pek, TST Shahdan , A Woo (2020)	Readiness in using online interactive platforms for remote teaching	Indonesian Journal of Electrical Engineering and Computer Science,	1047-1053
24	Fatin Syamilah Che Yob Siti Fatimah Omar, Haslinda Sutan Ahmad Nawawi, Tengku Shahrom Tengku Shahdan , Rita Wong Mee Mee, Lim Seong Pek (2020)	Interactive language learning activities for learners' communicative ability	International Journal of Evaluation and Research in Education (IJERE) 9 (4).	1010 - 1016
25	Zainal Azhar Zainal Azim Nor Azilah Husina, Astri Yulia, Tengku Shahrom Tengku Shahdan , Fahmi Ngah, Amirul Syafiq Mohd Ghazalie (2020)	The Quality of Life among Selangorians: A Domain Evaluation	International Journal of Innovation, Creativity and Change 14 (1)	1061-1073

26	Zirawani Baharum Nahdatul Akma Ahmad, Azaliza Zainal, Muhammad Fairuz Abd Rauf, Tengku Shahrom Tengku Shahdan , Fadia Razali, Noor Hidayah Azmi, Mohd Hafizuddin Mohd Yusof (2020)	Development of virtual reality game for the rehabilitation of upper limb control in the elderly patients with stroke.	Selangor Science &Technology Review 4 (2)	547-559
27	RWM Mee, LS Pek, WY Von, KA Ghani, TST Shahdan , MR Ismail, YS Rao (2019)	A Conceptual Model of Analogue Gamification to Enhance Learners' Motivation and Attitude.	International Journal of Language Education 5 (2),	40-50
28	SF Omar, HSA Nawi, RWM Mee, LS Pek, TST Shahdan , A Woo (2019)	Readiness in using online interactive platforms for remote teaching	Indonesian Journal of Electrical Engineering and Computer Science,	1047-1053

SELECTED CONSULTING AND PROJECT INVOLVEMENT

Evaluation Panel Member. Ministry of Higher Education (2012 – present)

Appointed as an Expert Panel Member for the evaluation of proposals for **Fundamental Research Grant Scheme (FRGS)** and **Prototype Research Grant Scheme (PRGS)** in the ICT research cluster.

Chairman. Malaysian Standards for E-Learning Committee. SIRIM, Ministry of Science, Technology and Innovation (2000 - 2006).

Appointed as the Chairman for the Malaysian Standards for E-Learning Committee.

Chairman. Malaysian Grid for Learning (MyGfL) Working Group. MIMOS, Ministry of Science, Technology and Innovation (2000 – 2006)

Developed the blueprint and framework for a Malaysian Grid for Learning.

Expert Evaluation Consultant. Multimedia Development Corporation. (2000 – present)

Evaluating proposals for Multimedia Grant Scheme research grants in the area of e-learning and creative content development.

Director. MyNIC Berhad (2009 – 2013) – Malaysia's Domain Registry Company owned by the Ministry of Science, Technology and Innovation.

Appointed as a member of the Board of Directors to assist and guide the company in its plans and operations in accordance with government's aspirations and objective of its existence.

Lead Consultant. MIMOS (2009 – 2011)

Appointed as Lead Consultant for the formulation, planning and blueprint development of Malaysia's Research Portal: Knowledge Resource for Science and Technology Experts (KRSTE.my).

Expert Panel Member. Ministry of Science, Technology and Innovation (2001 – 2010)

Appointed as an Expert Panel Member for National IT Council's Demonstrator Application Grant Scheme (DAGS).

Expert Panel Member. Ministry of Science, Technology and Innovation (2006 – 2010)

Appointed as an Expert Panel Member for the evaluation of applications for Technopreneur Fund of the ICT Cluster

Expert Panel Member. National E-Learning Steering Committee. Ministry of Science, Technology and Innovation (2000 – 2006)

Appointed as an Expert Panel Member to plan for the setting up of the National e-Learning Center.

Consultant. Islamic Development Bank Research and Training Institute (IRTI), Jeddah. (2000)

Planning, formulating the strategies and advising IRTI to create a knowledge bank and repository for all its clients in the area of Islamic Economics and Finance.

Project Team Leader. Telekom Malaysia Berhad 1997

Planning, conceptualizing, and implementing distance learning initiatives for Telekom Malaysia by integrating videoconferencing, WAN, LAN, Internet and experimentation of the use of ATM technology for instructional delivery over distance geographical locations.

Consultant. Perak Information Technology Center 1995

Planned and conceptualized the formation of a commercial center joint-venture company with Yayasan Perak for business and dissemination of information technology skills and knowledge.

Co-Project Director. Hewlett Packard. 1992

Served as Co-Project Director with Dr. Marshall Jones to design and develop a computer-based training software for Hewlett Packard sales staff entitled "The High Performance Liquid Chromatography - Basic Information."

Knowledge Engineer and Instructional Designer. United States Army. 1992

Conducted research for the knowledge base to design interactive simulation software for training U.S. Army communications network planners personnel the principles of GTE Mobile Subscriber Equipment during high speed mobile warfare.

COMMUNITY AND SOCIAL SERVICES

Chairman. Yayasan SAMDE. 2003 – present.

Appointed to plan, setup, oversee and manage the running of educational institutions of Masjid Darul Ehsan, Subang Jaya.

Chairman of School Board. Sekolah Rendah Islam Darul Ehsan. 1998 – present

Appointed as the Chairman of Sekolah Rendah Islam Darul Ehsan (SRIDE) School Board to plan, setup oversee and manage the running of the Sekolah Rendah Islam Darul Ehsan, Subang Jaya.

Chairman of School Board. Sekolah Menengah Islam Darul Ehsan. 2004 – present.

Appointed to plan, setup, oversee and manage the running of the Sekolah Rendah Islam Masjid Darul Ehsan, Subang Jaya.

Chairman of Board, Maahad Tahfiz Al-Ihsan. 2007 – present.

Appointed to plan, setup, oversee and manage the running of the Maahad Tahfiz Al-Ihsan, Subang Jaya.

Chairman of Tadika Islam Masjid Darul Ehsan. 2022 – present

Appointed to setup, oversee and manage the running of the Tadika Islam Masjid Darul Ehsan, Subang Jaya.

Council Member. Justice for Palestine Action Front (JPAF) Malaysia. 2021 – Present.

Headed Task Force for Advocacy and Diplomacy to spearhead the plans and implementation of international lobbying efforts to obtain support from international NGOs, CSOs and State Governments for the recognition of Palestine as a full member state of the UN in 2023.

Member of the Board of Advisors. World Assembly of Muslim Youth (WAMY) Malaysia. 2010 – 2021.

Advise and guide the planning and development of activities and strategies for Muslim youth development.

Member of the Board of Trustee. Humanitarian Care Malaysia Berhad. 2014 – 2016.

Involved in the formation of Humanitarian Care Malaysia Berhad (MyCARE), an NGO which specifically focuses on humanitarian help and assistance for the unfortunates.

Member of the Board of Trustee. Aqsa Syarif Berhad. 2010 – 2014.

Involved in the formation of Aqsa Syarif Berhad, an NGO which specifically focuses on humanitarian help and assistance for the Palestinian people.

Pro-tem Vice President and Central Committee Member of IKRAM. 2009 – 2010.

Involved in the formation of Persatuan IKRAM Malaysia (IKRAM), an NGO which specifically focuses on propagating dakwah, tarbiyah and humanitarian assistance among Malaysians.

Chairman, Parents-Teachers Association. Sek. Agama Men. Tinggi Sultan Hisamuddin (SAMTSH), Klang. 2008 – 2015.

Assisting SAMTSH school management to improve the holistic education for the students by raising funds, encouraging parents participation and networking with government agencies and corporate bodies.

Member of the Board of Trustee. Aman Palestin Berhad. 2004 – 2008.

Involved in the formation of Aman Palestin Berhad, an NGO which specifically focuses on humanitarian help and assistance for the people of Palestine.

Vice President and Central Committee Member of ISMA. 2004 – 2008.

Involved in the formation of Ikatan Siswazah Muslim Malaysia (ISMA), an NGO which specifically focuses on propagating dakwah and tarbiyah among Malaysians.