

CURRICULUM VITAE



ASSOCIATE PROFESOR DR. AZMAN TA'A

PENGENALAN / INTRODUCTION

I'm a senior lecturer of School of Computing (SOC), College of Arts and Sciences (CAS), Universiti Utara Malaysia (UUM), Sintok, Kedah, Malaysia. I obtained a Diploma in Computer Science (DipCompSc.) in 1986 and Bachelor of Computer Science (BSc.) in 1988 from Universiti Teknologi Malaysia (UTM), Master of Information Technology (MSc. IT) in 1999 from UUM, and Degree of Philosophy (PhD) in Software Engineering (Data Warehouse) in 2012 from UUM. My academic activities included teaching in various undergraduate and postgraduate courses in computer systems ranging from system analysis and design, database systems, database administration and business intelligence. I'm also supervising undergraduate and postgraduate students (Masters and PhD) in a particular area such as software engineering, data warehouse, business intelligence, knowledge management, ontology, and data analytics. I'm was a member of the Institute of Electrical and Electronic Engineers (IEEE), International Association Software Architecture (IASA), Management Science/Operations Research Society of Malaysia (MSORSM), The Society of Digital Information and Wireless Communications (SDIWC) and Internet Society (ISOC). I was a Director of UUM Computer Center (CC) from 2001 to 2006 that responsible to plan, execute, manage, and monitor the utilization and implementation of computer systems in UUM, and a Director of UUM Innovation and Commercialization Center from 2013 to 2014 that responsible to manage the commercialization of UUM innovation products. I was involved as a consultant in the development of Information Systems in various organizations such as the Kedah State Development Corporation (KSDC), Lembaga Kemajuan Penanam-Penanam Padi Negeri Kedah (LKPPK), Jabatan Agama Wilayah Persekutuan (JAWI), Universiti Islam Malaysia (USIM), and Entrepreneur Department Ministry of Higher Education (MoHE). My research interests focus on business intelligence, data warehouse, knowledge management, ontology, and data analytics. I have received various research grants such as University Fund, Leads Grant, Research Acculturation Grant Scheme (RAGS), Fundamental Research Grant Scheme (FRGS), Knowledge Transfer Program (KTP), Prototype Research Grant Scheme (PRGS) and various agency research grants. I am also a Certified Professional Trainer from Malaysian Institute of Management (MIM), Certified Data Science Specialization from Johns Hopkins University (JHU), and Certified Professional Requirement Engineering Foundation Level from Malaysian Software Testing Board (MSTB). Beside teaching, research and consultancy, I actively conducting trainings or workshops on mobile application development (cross platform), data management and data science specialization.

BUTIRAN PERIBADI / PERSONAL INFO

Nama dan No. Pekerja	Azman Bin Ta'a (681)
No. KP (Baru dan Lama)	650901-08-5529 / A0350265
Tarikh Lahir dan tempat	1 September 1965 / Selat Pulau, Kg. Gajah, Perak
Alamat Rumah	Lot 3, Desa Darulaman, Jalan Istana, Mukim Naga, 06000 Jitra, Kedah Darulaman
Alamat Pejabat	Pusat Pengajian Pengkomputeran, Kolej Sastera dan Sains, 06010 UUM Sintok, Kedah

PERKHIDMATAN / SERVICES

Jawatan	Profesor Madya
Gred Jawatan	DS54
Taraf Jawatan	Tetap
Tarikh Lantikan Pertama Dalam Perkhidmatan Awam	8 Januari 1991
Lama Berkhidmat di Negeri Kedah (Tahun)	30
Tarikh Lantikan Jawatan Sekarang	10 Mac 2020

PENDIDIKAN / EDUCATION

1986	Diploma	Universiti Teknologi Malaysia (UTM)
1988	Sarjana Muda	Universiti Teknologi Malaysia (UTM)
2000	Sarjana	Universiti Utara Malaysia (UUM)
2012	PhD	Universiti Utara Malaysia (UUM)

AREA OF EXPERTISE / BIDANG KEPAKARAN

1. Software Analysis and Design
2. Database Systems Analysis and Design
3. Knowledge Management and Representation
4. Data Analytic and Visualization

RESEARCH AREA / BIDANG PENYELIDIKAN

1. Data Warehousing
2. Business Intelligent
3. Data and Knowledge Management
4. Ontology

WORK EXPERIENCES / PENGALAMAN KERJAYA

Nama Majikan	Jawatan	Tahun
Felcra Seberang Perak	Pengaturcara Komputer	1989-1990
Akademi Keluarga Bahagia (AKRAB)	Pengurus Projek	1990-1991
Universiti Utara Malaysia (UUM)	Peg. Sistem Maklumat	1991-2001
Universiti Utara Malaysia (UUM)	Ketua Peg. Sistem Maklumat	2001-2001
Universiti Utara Malaysia (UUM)	Timb. Pengarah Pusat Komputer	2001-2001
Universiti Utara Malaysia (UUM)	Pengarah Pusat Komputer	2001-2006
Universiti Utara Malaysia (UUM)	Pengarah Pusat Inovasi	2012-2014
Universiti Utara Malaysia (UUM)	Pensyarah	2001-2011
Universiti Utara Malaysia (UUM)	Pensyarah Kanan	2012-2020
Universiti Utara Malaysia (UUM)	Profesor Madya	2020 - Sekarang

TEACHING / PENGAJARAN

Subjek	Level
DATABASE ADMINISTRATION (STID3123)	Undergraduate
PRACTICUM (TIX3998)	Undergraduate
DATABASE SYSTEM AND INFORMATION RETRIEVAL (STID3014)	Undergraduate
DATABASE ADMINISTRATION (STID3124)	Undergraduate
DATABASE DEVELOPMENT ENVIRONMENT (STIW3023)	Undergraduate
PRACTICUM (STIX3912)	Undergraduate
DATABASE & INFORMATION RETRIEVAL SYSTEM (TD3013)	Undergraduate
ADVANCED DATABASE DESIGN (STID5043)	Postgraduate
ADVANCED SYSTEM ANALYSIS AND DESIGN (STID5033)	Postgraduate

ADVANCED DATABASE DESIGN (STID5014)	Postgraduate
DATABASE SYSTEMS (STID5034)	Postgraduate
DATABASE APPLICATION DEVELOPMENT (STID5024)	Postgraduate
ADVANCED DATABASE DESIGNS (TD6053)	Postgraduate
ADVANCED SYSTEM ANALYSIS & DESIGN (TD5033)	Postgraduate

AWARDS / ANUGERAH

Nama Anugerah – Jabatan	Tahun
Anugerah Khidmat Cemerlang Pusat Komputer	1995
Anugerah Khidmat Cemerlang Universiti	1996
Membantu Pusat Komputer memenangi Anugerah Perdana Teknologi Maklumat (APTM) untuk projek Portal Komuniti e-Universiti	2004
Pingat Gangsa bagi penyelidikan Student Evaluation System di Expo R&D IPTA	2005
Anugerah Khidmat Cemerlang Universiti	2007
SAS Ambassador Award (International) oleh SAS Institute	2008
Certified Professional for Requirements Engineering (CPRE) Foundation Level	2009
Pingat Perak bagi penyelidikan DATA WAREHOUSE DESIGN USING GOAL-ONTOLOGY APPROACH di ITEX	2010
Pingat Gangsa bagi penyelidikan SEMANTIC-BASED MODEL FOR SYSTEM DEVELOPMENT di PEPIPTA	2013
Pingat Emas bagi penyelidikan ONTOLOGY AL-QURAN FOR E-LEARNING di IIDEL	2014
Anugerah Khidmat Cemerlang Universiti	2016
Pemenang HACKATHON DATA TERBUKA di MAMPU	2016
Pingat Emas bagi penyelidikan DATA WAREHOUSE FOR BLENDED LEARNING di I-RIA 2017, UUM	2017
Anugerah Harta Intelek UUM – SmartBUS M-Ticketing System	2018

Best Paper Award, ICT4T Conference, Bandung, Indonesia	2018
Pingat Gangsa bagi penyelidikan BUSINESS INTELLIGENCE SYSTEM FOR LIBRARY SERVICES di I-RIA 2019, UUM	2019
Penyelidikan Terbaik (Projek) – Pembangunan Sistem MyMohess Kementerian Pengajian Tinggi (KPT)	2021

KEGIATAN / ACTIVITIES

Kegiatan/ Sumbangan	Peringkat	Tahun
Pasukan Sukarelawan UUM ke Aceh	Universiti	2005
Pegawai ICT di SUKMA XI – Kedah	Negeri	2006
TMNET Broadband User Group	Negeri	2006
Pusat Komuniti Kubang Pasu	Daerah	2006
Persatuan Staf Pentadbiran (PERPATI)	Universiti	1991
Persatuan Staf Akademik (PERSATU)	Universiti	2001
Persatuan ALUMNI UUM	Universiti	2010
Academic Lounge UUM	Universiti	2014
Persatuan Juruanalisa Sistem (PERJASA)	Kebangsaan	1992
Institute of Electrical and Electronics Engineers (IEEE)	Komuniti/Antarabangsa	2008
International Association of Software Architects (IASA)	Komuniti/Antarabangsa	2010
Management Science/Operations Research Society of Malaysia (MSORSM)	Komuniti/Antarabangsa	2011
Internet Society (ISOC), Malaysia Chapter	Komuniti/Antarabangsa	2014
The Society of Digital Information and Wireless Communication (SDIWC)	Komuniti/Antarabangsa	2016
Ahli Jawatan Kuasa Taman Desa Darulaman (TDDA), Jitra, Kedah	Komuniti/Daerah	2018

Penasihat dan Pembangun Laman Web@Facebook Masjid Tuan Guru Haji Salleh, Lubuk Kawah, Jitra	Komuniti/Daerah	2018
Lembaga Teknologis Malaysia (MBOT)	Kebangsaan	2018
Ahli Jawatan Kuasa PERKIM Changlun	Komuniti/Daerah	2019
DEVELOPMENT OF USIM INFORMATION SYSTEM (SMU-USIM), UNIVERSITI SAINS ISLAM MALAYSIA (USIM).	Kebangsaan	2006
KHIDMAT NASIHAT UNTUK MENINGKATKAN PELAKSANAAN SISTEM KOMPUTER BEKALAN AIR KEDAH, JABATAN BEKALAN AIR NEGERI KEDAH.	Negeri	2006
Computerized Information System for Baling Local Authority, Kedah State Government.	Negeri	2000
Development of Marriage Information System (MIS) for Jabatan Agama Islam Wilayah Persekutuan, Kuala Lumpur.	Negeri	1998
Computerized Information System for Lembaga Kemanjuran Penanam-Penanam Padi Kedah (LKPPK), Kedah Darulaman.	Negeri	1994
Computerized Information System for Perbadanan Kemajuan Negeri Kedah (PKNK), Kedah Darulaman.	Negeri	1995
Memberi ceramah/kursus/bengkel untuk kursus Induksi, PTK, dan ICT kepada pelbagai agensi dan komuniti	Negeri	2000

RESEARCH PROJECT / PROJEK PENYELIDIKAN

Tajuk	Tahun/Grant	Status
Student Automation Evaluation System, Co-Researcher (Member)	2003/University	Siap
The Implementation of Sintok IPV6 Network (The 6INET Project), Co-Researcher (Member)	2004/University	Siap

Modeling of Business Intelligence in Academic Information Portal, Co-Researcher (Member)	2006/University	Siap
ETL PROCESSES DESIGN THROUGH GOAL-ONTOLOGY APPROACH (PHD RESEARCH)	2007/University	Siap
ONTOLOGY-BASED APPROACH FOR DATA WAREHOUSE SYSTEMS DEVELOPMENT (Member)	2010/University	Siap
Sistem Analisis Profil Usahawan Siswazah (iPAGE) Menggunakan Pendekatan Operasian Storan Data (ODS) Dalam Aplikasi Kepintaran Perniagaan (Member)	2010/Agensi Luar (MOHE)	Siap
Data Warehouse Design for Mobile Environment (Member)	2012/Leads (University)	Siap
Model Perwakilan Ilmu Al-Quran Berasaskan Ontologi Dan Semantik Pengetahuan Latar Belakang (Leader)	2012/RAGS	Siap
The Development Of A Construction Clearing House Framework For Managing Construction Knowledge And Best Practices (Member)	2012/RAGS	Sedang berjalan
KNOWLEDGE MANAGEMENT IN GCC OIL AND GAS INDUSTRY (Member)	2014/ AgensiLr(LN)	Siap
SMARTBUS M-TICKETING SYSTEM (Member)	2015/AgensiLr(DN) – Awam	Siap
KNOWLEDGE TRANSFER PROGRAM TO INDUSTRY SOFTWARE DEVELOPER IN IMPLEMENTATION OF CLOUD COMPUTING ENTERPRISE RESOURCE PLANNING (ERP) USING HYBRID SAAS MODEL (Member)	2015 / KTP	Siap
Integrating Blended E-Learning Technology With Business Intelligence And Analytic (Leader)	2016 / Geran Penjanaan Universiti	Siap

A Model For Self-Directed Al-Quran Learning (Member)	2016 / Geran Penjanaan Universiti	Sedang berjalan
MODELING SECURED CERTIFICATE MECHANISM WITH CLOUD SERVICES (Member)	2016 / Geran Penjanaan Universiti	Sedang berjalan
AN IMPROVED MODEL OPPORTUNITY RECOGNITION FOR GRADUATE ENTREPRENEUR OPPORTUNITY USING WEB CONTENT MINING AND ANALYTICS (Member)	2017 / FRGS	Siap
SMART APPLICATION FOR BUS MANAGEMENT SYSTEM (MYSAMS) (Member)	2017 / RESEARCH EXPANSION FOR COMMERCIALISATION GRANT SCHEME	Sedang berjalan
MODEL APLIKASI JEJAK ASNAF MUDAH ALIH (Member)	2018 / Geran IPIZ	Siap
DEVELOPMENT OF POLICY OPINION POLL AND ANALYTICS (Member)	2018 / Geran Universiti	Sedang berjalan
WEB-BASED APPLICATION OF AL-QURAN ONTOLOGY FOR SELF-LEARNING (Leader)	2019 / PRGS	Sedang berjalan

PENILAI / REVIEWER

Conference / Journal	Tahun / Tahap
Penilai Entry (AG-AU) Ensiklopedia Pengurusan.	2002
Pemeriksa Kertas Peperiksaan PTK Untuk Pegawai Sistem Maklumat (F41).	2003, 2004, 2006, dan 2009
World Congress on Software Engineering, Xiamen, China (ISBN: 978-0-7695-3570-8)	19-21 Mei 2009
Journal of Sustainability Science and Management UMT	16 Mac 2010
Journal of Information and Communication Technology (JICT)	13 Februari 2013
Malaysian Journal of Computer Science (MJCS)	2017

Conferences KMICE, ICOCI, ICAST, SCDS, PACIS, iCICSE, ICoRAST, ICT4T, PICOSS, RICTD	2015, 2016, 2017, 2018
Penilai tesis pelajar master by research and master dissertation.	2002, 2006
Penilai proposal pelajar PhD, master dissertation.	2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019
Penilai Pakar (Expert Review) untuk pelajar master dan PhD.	2015, 2018

PROFESSIONAL RECOGNITION / PENGIKTIRAFAN PROFESSIONAL

Pengiktirafan	Badan	Tahun
Certified Professional for Requirements Engineering (CPRE) Foundation Level.	MSTB	2009
Certified Professional Trainer from Malaysian Institute of Management (MIM).	MIM	2014
Certified Data Scientist from John Hopkins University.	John Hopkins University / MDEC	2016
Teknologis Berijazah – Information and Computing Technology	Lembaga Teknologis Malaysia (MBOT)	2018

SENARAI HASIL PENYELIDIKAN, PENERBITAN, PEMBENTANGAN DLL.

BUKU / BOOKS

Nama Buku	Tahun
e-Administration Manual Version 1.0, Universiti Utara Malaysia (UUM).	2003
e-Administration Manual Version 2.0, Universiti Utara Malaysia (UUM).	2004

BAB DALAM BUKU / BOOK CHAPTERS

Tajuk Buku	Tajuk Chapter	Tahun
Ontology-Based Applications for Enterprise Systems and Knowledge Management	Ta'a, A., & Abdullah, M. S. (2012). Ontology Development for ETL Process Design. In M. N. Ahmad, R. M. Colomb & M. S. Abdullah (Eds.), (pp. 263-277): IGI Global.	2012
Advances in Intelligent Systems and Computing	Yusuf-Asaju, Ayisat W.; Dahalin, Zulkhairi; and Ta'a, Azman (2017). A Proposed Analytical Customer Satisfaction Prediction Model for Mobile Internet Networks PACIS 2017 Proceedings. 102.	2019

MONOGRAF / MONOGRAPHS

Nama Monograph	Tahun
Intelligent Profile Analysis Graduate Entrepreneur (iPAGE) System Using Operational Data Store in Business Intelligence Application. Pages (25).	2010

JURNAL / JOURNALS

Bil	Tajuk Journal	Tahun
1.	Goal-ontology approach for modeling and designing ETL processes.	Procedia, 2010
2.	RAMEPS: A GOAL-ONTOLOGY APPROACH TO ANALYSE THE REQUIREMENTS FOR DATA WAREHOUSE SYSTEMS.	WSEAS, 2011
3.	Goal-ontology approach for modeling and designing ETL processes.	Procedia, 2011
4.	Goal-Ontology ETL Processes Specification.	JICT, 2011
5.	Integrity Modeling - A Study Among Malaysian Academic Management Officers.	IJCIT, 2014
6.	BUSINESS INTELLIGENCE MODELLING FOR GRADUATE ENTREPRENEUR PROGRAMME.	JICT, 2014
7.	Operational Data Integration Technique for Intelligent Profile Graduate Entrepreneur System	AJABAS, 2014
8.	MOBILE – BASED BUS TICKETING SYSTEM IN IRAQ	EJCSIT, 2015
9.	INFORMATION INTEGRATION IN ELECTRONIC HEALTH INFORMATION SYSTEMS USING SERVICE ORIENTED ARCHITECTURE APPROACH	ARNP, 2015
10.	Ontology-Based Approach for Knowledge Retrieval in Al-Quran Holy Book	IJCER, 2016
11.	Data Warehouse Model For Mobile-Based Applications	IJERA, 2016

12.	Business Intelligence Readiness for Higher Learning Institution (IHL): Preliminary Study and Research Model	BJAST, 2016
13.	Business Intelligence Healthcare Model: Getting The Right Requirements For Malaysian Rural Citizens	IJSCM, 2016
14.	Security and Privacy of Big Data in Mobile Devices	JCE, 2017
15.	Enhanced Framework for Long-Lead Upstream Flood Analysis	IOSR, 2017
16.	Exploratory Analysis of Mobile Network Traffic Data: A Case of a Major Mobile Network Operator in Nigeria	E-Academia, 2017
17.	Business Intelligence Model for Monitoring Blended Learning Usage	JTEC, 2017
18.	AL-QURAN ONTOLOGY BASED ON KNOWLEDGE THEMES	JFAS, 2017
19.	DATA WAREHOUSE SYSTEM FOR BLENDED LEARNING IN INSTITUTIONS OF HIGHER EDUCATION	E-Academia, 2018
20.	FRAMEWORK FOR MODELLING MOBILE NETWORK QUALITY OF EXPERIENCE THROUGH BIG DATA ANALYTICS APPROACH	JICT, 2018
21.	TACIT KNOWLEDGE FOR BUSINESS INTELLIGENCE FRAMEWORK: A PART OF UNSTRUCTURED DATA?	JTAIT, 2018
22.	DATA QUALITY EVALUATION FRAMEWORK FOR BIG DATA	JCC, 2019
23.	Intercropping in Rubber Plantation Ontology for a Decision Support System	JISTP, 2020
24.	Identify Entrepreneurial Opportunity by Mining Data from Social Media	IJAST, 2020
25.	Factor improving entrepreneurial opportunity recognition for graduate entrepreneur	JCR, 2020
26.	Remote Patient Health Monitoring System Using Mobile and Wireless Body Area Network in Yemen	IJASEIT, 2021

PROSIDING / PROCEEDINGS

Bil	Tajuk Journal	Tahun
1.	Ta'a A. (2004), "Issues on Info-Structure Strategic Planning", Conference on Managing Infra & Info Structure in Government Agencies, 27 April 2004.	2004
2.	Ta'a A. (2004), "Access Control Mechanism: A Case Study On UUM Computer Laboratory", Conference On Automation And Computer Networks (CACN 2004), 22-23 July 2004.	2004
3.	Ta'a A. (2004), "Smart Card an Innovative Solution for Campus-Wide Environment", IBM USER GROUP CONFERENCE 2004 e - relevant or irrelevant : Empowering IT Professionals, August 4th & 5th, 2004.	2004
4.	Ta'a A. & Abu Bakar S., ISSUES ON INFO-STRUCTURE STRATEGIC PLANNING IN PUBLIC INSTITUTES OF HIGH LEARNING (PIHL), ASAIHL Seminar 2005, Universiti Brunei Darussalam, 27 – 30 June 2005.	2005
5.	W Razali F. Z. & Ta'a A., GINET NETWORK PERFORMANCE EVALUATION USING MEASUREMENT TECHNIQUE, Simposium Sains Dan Matematik Kebangsaan ke XIII Anjuran Fakulti Sains Kuantitatif,UUM, 31 May – 2 Jun 2005, Alor Setar, Kedah	2005

6.	Saleh A. R, Khalid & Ta'a A., STUDENTS' PERFORMANCE EVALUATION USING SAS® INTRANET, SAS Institute Conference, 21 September 2005.	2005
7.	Ta'a A. & Abu Bakar S., Penggunaan Sistem e-CourseEval Untuk Menyokong Penilaian Kursus Di Universiti Utara Malaysia (UUM), Seminar Kebangsaan ICT Dalam Pendidikan 2005, Prince Hotel & Residence Kuala Lumpur, 17-19 November 2005.	2005
8.	Implementation of IPv4 Over IPv6 Using Dual Stack Transition Mechanism (DSTM) on 6iNet, 2nd IEEE International Conference on Information & Communication Technologies: From Theory to Application, 24-28 April 2006, Damascus, Syria. 3156-3162, 2006.	2006
9.	Implementation of IPv4 Over IPv6 Using Dual Stack Transition Mechanism (DSTM) on 6iNet, Simposium Kebangsaan Sains Matematik ke XIII, 31 May-2 June 2005, Alor Setar, Kedah.	2005
10.	Sharima Ruwaida Abbas, Azlin Hilma Hillaluddin, Zarina Mat Saad, Yusmarhani Yusof, Azman Ta'a, Mohd Zulkifli Md Noor & Mohd Khairi Mohd @ Alwi. Aceh: A Sharing of UUM's Experience, 1st East Asia International Conference 2005 (EAIC) (14th-15th November 2005), Istana Hotel, Kuala Lumpur, MALAYSIA.	2005
11.	Yusop, N. I., Ta'a, A., & Marzuki, Z. M. (2006). Assessment of Integrated Financial and Accounting System Maintenance: Reuse of Functionalities. 2006 IEEE International Conference on Computing & Informatics (ICOCI 2006).	2006
12.	Asma Hanee Ariffin , Mohd Syazwan Abdullah & Azman Ta'a, Managing Knowledge in the Academic Environment: A Proposed Knowledge Sharing Framework, ICOOL2007, June 11-14, Penang, Malaysia.	2007
13.	SAS Forum Malaysia – Modeling BI in Academic Information Portal, SAS Kuala Lumpur, 5 September 2007.	2007
14.	SUGI08 – Academic Business Intelligence Development Using SAS Tools, San Antonio, Texas, USA. 15-19 March 2008, Pp. 34.	2008
15.	CAMP08 – Ontology-Based Extraction-Transformation-Loading (ETL) Processes Model in Data Warehouse Environments, UPM Kuala Lumpur. 18 March 2008.	2008
16.	NPC09 – Capturing Business Semantics for Extraction-Transformation-Loading (ETL) Processes in Data Warehouse Systems, National Postgraduate Conference on Engineering, Science and Technology, UTP. 25-26 March 2009.	2009
17.	Requirements Analysis Method for Extracting-Transformation-Loading (ETL) in Data Warehouse Systems, UUM PhD Colloquium and IT Seminar. 28 April 2009.	2009
18.	ITA09 – Extracting-Transformation-Loading (ETL) Processes Design Using Goal-Ontology Based Approach, Wrexham North Wales, UK. 8-11 September 2009.	2009
19.	ICOCI2009 – Requirements Analysis Method for Extracting-Transformation-Loading (ETL) in Data Warehouse Systems, Legend Hotel, Kuala Lumpur. 24-25 June 2009.	2009

20.	WSEAS (E-Activities '09) - RAMEPs: A Requirements Analysis Method for Extracting-Transformation-Loading (ETL) Processes in Data Warehouse Systems, Puerto De La Cruz, Tenerife, Canary Islands, Spain. 14-16 December 2009.	2009
21.	GOAL-ONTOLOGY APPROACH FOR MODELING AND DESIGNING ETL PROCESSES, World Conference on Information Technology (WCIT), Bahcesehir University, Istanbul – Turkey, 6-10 October 2010.	2010
22.	Ta'a, A., Abdullah, M. S., Norwawi, M. D. (2011). ETL Processes Specifications Generation Through Goal-Ontology Approach. International Conference on Computing and Informatics (ICOCI), Bandung-Indonesia, 8-9 June 2011.	2011
23.	Abu Bakar M.S., Ta'a A., Yahya M. A, Shiratuddin N. (2011). Intelligent Profile Analysis Graduate Entrepreneur (iPAGE) System Using Business Intelligence Technology. International Conference on Computing and Informatics (ICOCI), Bandung-Indonesia, 8-9 June 2011.	2011
24.	Bakar, M.S.A. and A. Ta'a. (2012). Data Warehouse Design For Mobile Environment in Knowledge Management International Conference (KMICE 2012), Thirstle Hotel, Johor Bahru, Malaysia.	2012
25.	Ta'a, A., Bakar, M. S. A., Abdullah, M. S., & Alwan, H. A. (2012). Requirement Analysis Approach for Universiti Utara Malaysia (UUM) Library Data Warehouse. Paper presented at the Knowledge Management International Conference (KMICE) 2012, Thirstle Hotel, Johor Bahru.	2012
26.	Yahya, M. A., Shiratuddin, N., Bakar, M. S. A., & Ta'a, A. (2012). Intelligent Profile Analysis Graduate Entrepreneur (iPAGE) System Using Operational Data Store in Business Intelligence Application. Paper presented at the Hasil Penyelidikan Kementerian Pengajian Tinggi - Sains Sosial dan Kemanusiaan, Hotel Residence, UNITEN.	2012
27.	Ta'a, A., Bakar (2013). Data Warehouse Architecture for Mobile Paddy Management System. Prosiding Seminar LEADS.	2013
28.	Ta'a, A., Bakar (2013). Mobile Data Warehouse Architecture For Portable Paddy Management System Proceeding of the 4th International Conference on Computing and Informatics (ICOCI 2013).	2013
29.	Bakar, M. S. b. A., Ta'a, A. B., & Shiratuddin, N. B. (2013). Operational Data Integration Technique for Intelligent Profile Graduate Entrepreneur System. Paper presented at the 2nd International Conference on Engineering Technology (ICET 2013), Ayodya Resort, Bali, Indonesia.	2013
30.	Ta'a, A., Abdullah, M. S., Mat Ali, B., Ahmad, M. (2013). AL-QURAN THEMES CLASSIFICATION USING ONTOLOGY. International Conference on Computing and Informatics (ICOCI 2013).	2013
31.	Ta'a, A., Abdullah, M. S., Ali, A. B. M., & Ahmad, M. (2014). THEMES-BASED CLASSIFICATION FOR AL-QURAN KNOWLEDGE ONTOLOGY. In International Conference on ICT Convergence (pp. 89–94). Busan, Korea: ICTC2014	2014
32.	Al-Jarrah, A. E., Abdullah, M. S., Bashah, A., Ali, M., & Ta'a, A. (2014). AUTOMATED MEDICAL TENDERING MANAGEMENT SYSTEM (AMTMS) FOR	2014

	MEDICAL SUPPLIERS IN JORDAN. In Knowledge Management International Conference (KMICE 2014). Langkawi Island, Kedah.	
33.	Ta'a, A., Bakar, M. S. bin A., Ali, A. B. M., & Ahmad, M. (2015). USING THEMES-BASED ONTOLOGY FOR LEARNING AL-QURAN KNOWLEDGE. In Symposium on Teaching Excellence, Learner Driven Learning and Academic Research & The 5th International Conference on e-Learning. Kota Kinabalu, Sabah.	2015
34.	Ta'a, A., & Rahman, N. S. B. A. (2015). APPLICATION INTEGRATION FOR HEALTH INFORMATION SYSTEM (HIS) AND COMPUTED RADIOGRAPHY SYSTEM (CRS). In MALAYSIAN RESEARCH CONFERENCE AND INNOVATION EXHIBITION (MRCIE 2015). Johor Bahru, Malaysia.	2015
35.	Abdullah, M. T., Ta'a, A., Bakar, M. S. A., Nifa, F. A. A., Nawj, M. N. M., & Hussain, A. (2016). Data warehouse model for monitoring key performance indicators (KPIs) using goal oriented approach. In AIP Conference Proceedings (Vol. 1761, p. 20100)	2016
36.	Yusuf-Asaju, A. W., Dahalin, Z. B. M., & Ta'a, A. B. (2016). A Proposed Framework For Mobile Internet QoS Customer Satisfaction Using Big Data Analytics Techniques. In Knowledge Management International Conference (KMICe 2016). Chiang Mai.	2016
37.	Surbakti, H., & Ta'a, A. T. (2017). Managing Knowledge Business Intelligence: A Cognitive Analytic Approach. In International Conference on Applied Science and Technology (ICAST 2017).	2017
38.	Ta'a, A., Bakar, M. S. A. (2017). Business Intelligence Model for Monitoring Blended Learning Usage (MySIG)	2017
39.	Yusuf-Asaju, A. W., Dahalin, Z. B. M., & Ta'a, A. B. (2017). A Proposed Analytical Customer Satisfaction Prediction Model for Mobile Internet Networks (PACIS)	2017
40.	Shakirin, M. S., Ta'a, A., Salina. (2018). A Self Directed E-Learning Tool for Learning Al-Quran Based on the Nazam Al-Quran Concept (ICIGI)	2018
41.	Grace, O., Ta'a, A. (2018). A Model for Addressing Quality Issues in Big Data (IPRICT)	2018
42.	Shahrizal, S., Ta'a, A. (2018). Exploring Meaningful Concepts of Al-Baqarah Chapter Using Text Mining Approach (KMICE)	2018
43.	COURSE SYLLABUS ONTOLOGY FOR SUPPORTING E-LEARNING PROGRAM, SMTComm19	2019
44.	PROTOTAIP PEMBANGUNAN APPS BERGERAK UTK PENJEJAKAN, PENJADUALAN & KAPASITI MELALUI APLIKASI PLATFORM BERSILANG & PERANTI BERASASKAN ANDROID (TRASCA), ICTTBM 2019	2019
45.	Utilization of information system towards resolving trust issue in zakat distribution, Zakat, Waqf, Tax and Economic Development 2019	2019

46.	AN ONTOLOGICAL MODEL FOR REPRESENTING THE COHERENT OF AL-QURAN CONTENTS, SMTComm19	2019
47.	JCA: An Application Model for Asnaf Identification and Reporting, Zakat, Waqf, Tax and Economic Development 2019	2019
48.	A Construction Clearing House Framework for Managing Construction Knowledge and Best Practice, IOP 2020	2020
49.	Multi-Domain Business Intelligence Model for Educational Enterprise Resource Planning Systems, Innovative Systems for Intelligent Health Informatics 2020.	2020

PENYELIAAN / SUPERVISION

Bil.	Name	Title
1.	Nur Syuhada binti Zainal Abidin (95140) - PhD	An Ontology Approach for Al-Quran Knowledge Representation and Classification
2.	Luthfi Mohd Radzi (802851) - Master	Integrity Modelling : A Study Among Academic Management Officers Of Kedah Education Department
3.	Siti Fatimah binti Baharum (805754) - Master	A Web - Based Computer Lab Management Case Study in Sekolah Kebangsaan Tikam Batu
4.	Nur Syuhada Binti Zainal Abidin (808229) - Master	An Ontology Approach For Al-Quran Knowledge Representation And Classification
5.	Ruslizan Bin Rusli (80990) – Master	Subsidy Management System for Lembaga Penanaman Padi (LPD) Perlis
6.	Hapiz b. Hussin (810338) - Master	A Mobile Based Health Profile System
7.	Norizan Mamat (811894) – Master	A Service Oriented Architecture For Data Integration In Health Management Systems
8.	Qusay Abdullah Abed (812889) – Master	Ontology-Based Approach for Retrieving Knowledge in Al-Quran
9.	Mohammed Thajeel Abdullah (813668) - Master	Data Warehouse Schema for Monitoring Key Performance Indicators (KPIs) for University Teaching and Learning Using Goal Oriented Approach
10.	Nur Syarafina Binti Abdul Rahman (814071) – Master	Application Integration for Health Information & Computed Radiography System: Case Study in UUM Health Center

11.	Haider Muqdad Ameen (816049) - Master	Requirement Analysis for School Placement System in UUM
12.	Ahmed Khallel Ibrahim (816511) – Master	MOBILE BASED BUS TICKETING SYSTEM IN IRAQ
13.	Murtaja Ali Saare Almuzrae (817080) - Master	COMPLETED MOBILE SYSTEM FOR MANAGING AND MITIGATING THE ACCOMODATION PROBLEMS AMONG STUDENTS IN UUM
14.	Mohd Hafeez bin Mohd Soid (817506) - Master	Data Warehouse System for Monitoring Blended Learning Usage in Universiti Utara Malaysia
15.	Shahrizal bin Sudin (820502) – Master	Extracting Meaningful Concept For Learning Al-Quran Using Text Mining Approach : Case Study On Al-Baqarah Chapter
16.	Norzila Binti Ishak (821592) - Master	Impact Analysis Of ETL Process For Maintaining Data Warehouse
17.	Munirah Binti Abdullah (822388) - Master	Tackling Data Consistencies Schema In Data Warehouse
18.	Marrium Aslam (823455) - Master	PERSISTENT ONTOLOGY FOR ACADEMIC CURRICULUM IN UUM
19.	Grace Amina Onyeabor (900601) - PhD	Processing Model in Big Data Enviroment for Optimizing Data Transformation
20.	Herison Surbakti (900835) – PhD	Role of Knowledge Management for Empowering the Business Intelligence in Government Business Organization for Developing Country
21.	Irfan Ahmad (903411) – PhD	Proposed Strategy to Maintain Data Warehouse Quality
22.	Muhammad Shakirin Shaari @ Hj Ashari (903702) - PhD	The viability of the Nazam Al-Quran Concept for Comprehending Contents of al-Quran Towards an Effective Tadabbur of al-Quran
23.	Abdul Razak bin Rahmat (95406) - PhD	Business Intelligence (BI) Readiness Model Practices in Institution of Higher Learning (IHL)
24.	Sandy Kosasi (95873) - PhD	System and Information Technology Audit in The Management of Information System and Technology Processes for Evaluate the Application of Information Technology Governance in Enterprise Systems
25.	Muhammad Iyas bin Ilias (811803) - Master	Automatic User Interface Generation From Database Schema

26.	SAJARATUL HUDA BINTI MOHD SHAFIE (812780) - Master	Requirement Modeling for Data Warehouse using Goal-UML Approach: The Case of Health Care
27.	Kornkanok Phoksawat (900776) – PhD	Ontology Development on Cultural Tourism for Decision Support System Related to Tourism Development of Tambalinga Kingdom
28.	Yusuf - Asaju Ayisat Wuraola (900838) – PhD	Management of Mobile Internet Quality of Service and Customer Satisfaction using Big Data Analytics: A Case of Nigeria
29.	Ndanusa Ahmed Babalaji (901197) - PhD	Hybrid Approach on Multi-Spatiotemporal Data Framework towards Analysis of Long-Lead Upstream Flood: A Case of Niger State, Nigeria
30.	Ruslizan Bin Rusli (902272) – PhD	DATABASE WAREHOUSE ROLE IN IMPROVING ATHLETE PERFORMANCE IN GOLF