

CURRICULUM VITAE



BIODATA

Nama dan No. Pekerja : Azman Bin Ta'a (681)
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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
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Laman Blog : <http://pkguys.blogspot.com>
Laman Research Gate : https://www.researchgate.net/profile/Azman_Taa
Laman Google Scholar : <https://goo.gl/FaJLEQ>

PERKHIDMATAN SEKARANG

Jawatan : Pensyarah Kanan
Gred Jawatan : DS52
Taraf Jawatan : Tetap
Tarikh Lantikan Pertama Dalam Perkhidmatan Awam : 8 Januari 1991
Lama Berkhidmat di Negeri Kedah (Tahun) : 26 Tahun
Tarikh Lantikan Jawatan Sekarang : 10 September 2012
Markah laporan Prestasi : 2018 (99.64 %), 2017 (99.75 %), 2016 (99.40 %)

PENDIDIKAN

Sekolah Rendah : Penilaian Darjah 5 / 1976
Sekolah Menengah : SRP 1980 / SPM 1982
Kelulusan Tinggi (Ijazah/Master/PhD) : Diploma 1986 / Sarjana Muda 1988 /
Sarjana 1999 / PhD 2012

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. Intelligent Database
3. Data Structures and Management
4. Ontology

WORK EXPERIENCES / PENGALAMAN KERJAYA

| Bil. | Nama Majikan | Jawatan | Tahun |
|-------------|----------------------------------|-------------------------------|---------------|
| 1. | Felcra Seberang Perak | Pengaturcara Komputer | 1989-1990 |
| 2. | Akademi Keluarga Bahagia (AKRAB) | Pengurus Projek | 1990-1991 |
| 3. | Universiti Utara Malaysia (UUM) | Peg. Sistem Maklumat | 1991-2001 |
| 4. | Universiti Utara Malaysia (UUM) | Ketua Peg. Sistem Maklumat | 2001-2001 |
| 5. | Universiti Utara Malaysia (UUM) | Timb. Pengarah Pusat Komputer | 2001-2001 |
| 6. | Universiti Utara Malaysia (UUM) | Pengarah Pusat Komputer | 2001-2006 |
| 7. | Universiti Utara Malaysia (UUM) | Pengarah Pusat Inovasi | 2012-2014 |
| 8. | Universiti Utara Malaysia (UUM) | Pensyarah | 2001-2011 |
| 9. | Universiti Utara Malaysia (UUM) | Pensyarah Kanan | 2012-Sekarang |

TEACHING / PENGAJARAN

| Bil. | Subjek | Level |
|-------------|--|---------------|
| 1. | DATABASE ADMINISTRATION (STID3123) | Undergraduate |
| 2. | PRACTICUM (TIX3998) | Undergraduate |
| 3. | DATABASE SYSTEM AND INFORMATION RETRIEVAL (STID3014) | Undergraduate |
| 4. | DATABASE ADMINISTRATION (STID3124) | Undergraduate |
| 5. | DATABASE DEVELOPMENT ENVIRONMENT (STIW3023) | Undergraduate |
| 6. | PRACTICUM (STIX3912) | Undergraduate |
| 7. | DATABASE & INFORMATION RETRIEVAL SYSTEM (TD3013) | Undergraduate |
| 8. | ADVANCED DATABASE DESIGN (STID5043) | Postgraduate |
| 9. | ADVANCED SYSTEM ANALYSIS AND DESIGN (STID5033) | Postgraduate |
| 10. | ADVANCED DATABASE DESIGN (STID5014) | Postgraduate |
| 11. | DATABASE SYSTEMS (STID5034) | Postgraduate |
| 12. | DATABASE APPLICATION DEVELOPMENT (STID5024) | Postgraduate |
| 13. | ADVANCED DATABASE DESIGNS (TD6053) | Postgraduate |
| 14. | ADVANCED SYSTEM ANALYSIS & DESIGN (TD5033) | Postgraduate |

AWARDS / ANUGERAH PERKHIDMATAN CEMERLANG

| Bil | Nama Anugerah – Jabatan | Tahun |
|------------|---|--------------|
| 1. | Anugerah Khidmat Cemerlang Pusat Komputer | 1995 |
| 2. | Anugerah Khidmat Cemerlang Universiti | 1996 |
| 3. | Membantu Pusat Komputer memenangi Anugerah Perdana Teknologi Maklumat (APTMM) untuk projek Portal Komuniti e-Universiti | 2004 |
| 4. | Pingat Gangsa bagi penyelidikan Student Evaluation System di Expo R&D IPTA | 2005 |
| 5. | Anugerah Khidmat Cemerlang Universiti | 2007 |

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| 6. | SAS Ambassador Award (International) oleh SAS Institute | 2008 |
| 7. | Certified Professional for Requirements Engineering (CPRE) Foundation Level | 2009 |
| 8. | Pingat Perak bagi penyelidikan DATA WAREHOUSE DESIGN USING GOAL-ONTOLOGY APPROACH di ITEX | 2010 |
| 9. | Pingat Gangsa bagi penyelidikan SEMANTIC-BASED MODEL FOR SYSTEM DEVELOPMENT di PECIPTA | 2013 |
| 10. | Pingat Emas bagi penyelidikan ONTOLOGY AL-QURAN FOR E-LEARNING di IIDEL | 2014 |
| 11. | Anugerah Khidmat Cemerlang Universiti | 2016 |
| 12. | Pemenang HACKATHON DATA TERBUKA di MAMPU | 2016 |
| 13. | Pingat Emas bagi penyelidikan DATA WAREHOUSE FOR BLENDED LEARNING di I-RIA 2017, UUM | 2017 |
| 14. | Anugerah Harta Intelek UUM – SmartBUS M-Ticketing System | 2018 |
| 15. | Best Paper Award, ICT4T Conference, Bandung, Indonesia | 2018 |
| 16. | Pingat Gangsa bagi penyelidikan BUSINESS INTELLIGENCE SYSTEM FOR LIBRARY SERVICES di I-RIA 2019, UUM | 2019 |

KEGIATAN / PERSATUAN / SUMBANGAN

| Bil | Kegiatan/ Sumbangan | Peringkat | Tahun |
|------------|--------------------------------------|------------------|--------------|
| 1. | Pasukan Sukarelawan UUM ke Aceh | Universiti | 2005 |
| 2. | Pegawai ICT di SUKMA XI – Kedah | Negeri | 2006 |
| 3. | TMNET Broadband User Group | Negeri | 2006 |
| 4. | Pusat Komuniti Kubang Pasu | Daerah | 2006 |
| 5. | Persatuan Staf Pentadbiran (PERPATI) | Universiti | 1991 |
| 6. | Persatuan Staf Akademik (PERSATU) | Universiti | 2001 |
| 7. | Persatuan ALUMNI UUM | Universiti | 2010 |
| 8. | Academic Lounge UUM | Universiti | 2014 |

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| 9. | Persatuan Juruanalisa Sistem (PERJASA) | Kebangsaan | 1992 |
| 10. | Institute of Electrical and Electronics Engineers (IEEE) | Komuniti/Antarabangsa | 2008 |
| 11. | International Association of Software Architects (IASA) | Komuniti/Antarabangsa | 2010 |
| 12. | Management Science/Operations Research Society of Malaysia (MSORSM) | Komuniti/Antarabangsa | 2011 |
| 13. | Internet Society (ISOC), Malaysia Chapter | Komuniti/Antarabangsa | 2014 |
| 14. | The Society of Digital Information and Wireless Communication (SDIWC) | Komuniti/Antarabangsa | 2016 |
| 15. | Ahli Jawatan Kuasa Taman Desa Darulaman (TDDA), Jitra, Kedah | Komuniti/Daerah | 2018 |
| 16. | Penasihat dan Pembangun Laman Web@Facebook Masjid Tuan Guru Haji Salleh, Lubuk Kawah, Jitra | Komuniti/Daerah | 2018 |
| 17. | Lembaga Teknologis Malaysia (MBOT) | Kebangsaan | 2018 |
| 18. | Ahli Jawatan Kuasa PERKIM Changlun | Komuniti/Daerah | 2019 |
| 19. | DEVELOPMENT OF USIM INFORMATION SYSTEM (SMU-USIM), UNIVERSITI SAINS ISLAM MALAYSIA (USIM). | Kebangsaan | 2006 |
| 20. | KHIDMAT NASIHAT UNTUK MENINGKATKAN PELAKSANAAN SISTEM KOMPUTER BEKALAN AIR KEDAH, JABATAN BEKALAN AIR NEGERI KEDAH. | Negeri | 2006 |
| 21. | Computerized Information System for Baling Local Authority, Kedah State Government. | Negeri | 2000 |
| 22. | Development of Marriage Information System (MIS) for Jabatan Agama Islam Wilayah Persekutuan, Kuala Lumpur. | Negeri | 1998 |

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| 23. | Computerized Information System for Lembaga Kemanjuaan Penanam-Penanam Padi Kedah (LKPPK), Kedah Darulaman. | Negeri | 1994 |
| 24. | Computerized Information System for Perbadanan Kemajuan Negeri Kedah (PKNK), Kedah Darulaman. | Negeri | 1995 |
| 25. | Memberi ceramah/kursus/bengkel untuk kursus Induksi, PTK, dan ICT kepada pelbagai agensi dan komuniti | Negeri | 2000 |

RESEARCH PROJECT / PROJEK PENYELIDIKAN

| Bil | Tajuk | Tahun/Grant | Status |
|------------|---|-------------------------|---------------|
| 1. | Student Automation Evaluation System, Co-Researcher (Member) | 2003/University | Siap |
| 2. | The Implementation of Sintok IPV6 Network (The 6INET Project), Co-Researcher (Member) | 2004/University | Siap |
| 3. | Modeling of Business Intelligence in Academic Information Portal, Co-Researcher (Member) | 2006/University | Siap |
| 4. | ETL PROCESSES DESIGN THROUGH GOAL-ONTOLOGY APPROACH (PHD RESEARCH) | 2007/University | Siap |
| 5. | ONTOLOGY-BASED APPROACH FOR DATA WAREHOUSE SYSTEMS DEVELOPMENT (Member) | 2010/University | Siap |
| 6. | Sistem Analisis Profil Usahawan Siswazah (iPAGE) Menggunakan Pendekatan Operasian Storan Data (ODS) Dalam Aplikasi Kepintaran Perniagaan (Member) | 2010/Agensi Luar (MOHE) | Siap |

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| 7. | Data Warehouse Design for Mobile Environment (Member) | 2012/Leads (University) | Siap |
| 8. | Model Perwakilan Ilmu Al-Quran Berasaskan Ontologi Dan Semantik Pengetahuan Latar Belakang (Leader) | 2012/RAGS | Siap |
| 9. | The Development Of A Construction Clearing House Framework For Managing Construction Knowledge And Best Practices (Member) | 2012/RAGS | Sedang berjalan |
| 10. | KNOWLEDGE MANAGEMENT IN GCC OIL AND GAS INDUSTRY (Member) | 2014/ AgensiLr(LN) | Sedang berjalan |
| 11. | SMARTBUS M-TICKETING SYSTEM (Member) | 2015/AgensiLr(DN) – Awam | Siap |
| 12. | KNOWLEDGE TRANSFER PROGRAM TO INDUSTRY SOFTWARE DEVELOPER IN IMPLEMENTATION OF CLOUD COMPUTING ENTERPRISE RESOURCE PLANNING (ERP) USING HYBRID SAAS MODEL (Member) | 2015 / KTP | Siap |
| 13. | Integrating Blended E-Learning Technology With Business Intelligence And Analytic (Leader) | 2016 / Geran Penjanaan Universiti | Siap |
| 14. | A Model For Self-Directed Al-Quran Learning (Member) | 2016 / Geran Penjanaan Universiti | Sedang berjalan |
| 15. | MODELING SECURED CERTIFICATE MECHANISM WITH CLOUD SERVICES (Member) | 2016 / Geran Penjanaan Universiti | Sedang berjalan |
| 16. | AN IMPROVED MODEL OPPORTUNITY RECOGNITION FOR GRADUATE ENTREPRENEUR OPPORTUNITY USING WEB | 2017 / FRGS | Sedang berjalan |

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| | CONTENT MINING AND ANALYTICS (Member) | | |
| 17. | SMART APPLICATION FOR BUS MANAGEMENT SYSTEM (MYSAMS) (Member) | 2017 / RESEARCH EXPANSION FOR COMMERCIALISATION GRANT SCHEME | Sedang berjalan |
| 18. | MODEL APLIKASI JEJAK ASNAF MUDAH ALIH (Member) | 2018 / Geran IPIZ | Sedang berjalan |
| 19. | DEVELOPMENT OF POLICY OPINION POLL AND ANALYTICS (Member) | 2018 / Geran Universiti | Sedang berjalan |
| 20. | WEB-BASED APPLICATION OF AL-QURAN ONTOLOGY FOR SELF-LEARNING (Leader) | 2019 / PRGS | Sedang berjalan |

PENILAI/REVIEWER

| Bil | Tajuk Conference/Journal | Tahun/Tahap |
|------------|---|----------------------------|
| 1. | Penilai Entry (AG-AU) Ensiklopedia Pengurusan. | 2002 |
| 2. | Pemeriksa Kertas Peperiksaan PTK Untuk Pegawai Sistem Maklumat (F41). | 2003, 2004, 2006, dan 2009 |
| 3. | World Congress on Software Engineering, Xiamen, China (ISBN: 978-0-7695-3570-8) | 19-21 Mei 2009 |
| 4. | Journal of Sustainability Science and Management UMT | 16 Mac 2010 |
| 5. | Journal of Information and Communication Technology (JICT) | 13 Februari 2013 |
| 6. | Malaysian Journal of Computer Science (MJCS) | 2017 |
| 7. | Conferences KMICE, ICOCI, ICAST, SCDS, PACIS, iCiCSE, ICoRAST, ICT4T, PICOSS, RICTD | 2015, 2016, 2017, 2018 |
| 8. | Penilai tesis pelajar master by research and master dissertation. | 2002, 2006 |

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| 9. | Penilai proposal pelajar PhD, master dissertation. | 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 |
| 10. | Penilai Pakar (Expert Review) untuk pelajar master dan PhD. | 2015, 2018 |

PROFESSIONAL RECOGNITION / PENGIKTIRAFAN PROFESSIONAL

| Bil | Pengiktirafan | Badan | Tahun |
|------------|--|------------------------------------|--------------|
| 1. | Certified Professional for Requirements Engineering (CPRE) Foundation Level. | MSTB | 2009 |
| 2. | Certified Professional Trainer from Malaysian Institute of Management (MIM). | MIM | 2014 |
| 3. | Certified Data Scientist from John Hopkins University. | John Hopkins University / MDEC | 2016 |
| 4. | Teknologis Berijazah – Information and Computing Technology | Lembaga Teknologis Malaysia (MBOT) | 2018 |

SENARAI HASIL PENYELIDIKAN, PENERBITAN, PEMBENTANGAN DLL.

BOOKS

| Bil | Nama Buku | Tahun |
|------------|---|--------------|
| 1. | e-Administration Manual Version 1.0, Universiti Utara Malaysia (UUM). | 2003 |
| 2. | e-Administration Manual Version 2.0, Universiti Utara Malaysia (UUM). | 2004 |

BOOK CHAPTERS

| Bil | Tajuk Buku | Tajuk Chapter | Tahun |
|------------|---|---|--------------|
| 1. | 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. | 2012 |

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|----|---|--|------|
| | | Ahmad, R. M. Colomb & M. S. Abdullah (Eds.), (pp. 263-277): IGI Global. | |
| 2. | 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 |

MONOGRAPHS

| Bil | Nama Monograph | Tahun |
|------------|--|--------------|
| 1. | Intelligent Profile Analysis Graduate Entrepreneur (iPAGE) System Using Operational Data Store in Business Intelligence Application. Pages (25). | 2010 |

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 |
| 8. | INFORMATION INTEGRATION IN ELECTRONIC HEALTH INFORMATION SYSTEMS USING SERVICE ORIENTED ARCHITECTURE APPROACH | ARPN, 2015 |
| 9. | Ontology-Based Approach for Knowledge Retrieval in Al-Quran Holy Book | IJCER, 2016 |
| 10. | Data Warehouse Model For Mobile-Based Applications | IJERA, 2016 |

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| 11. | Business Intelligence Readiness for Higher Learning Institution (IHL): Preliminary Study and Research Model | BJAST, 2016 |
| 12. | Business Intelligence Healthcare Model: Getting The Right Requirements For Malaysian Rural Citizens | IJSCM, 2016 |
| 13. | Security and Privacy of Big Data in Mobile Devices | JCE, 2017 |
| 14. | Enhanced Framework for Long-Lead Upstream Flood Analysis | IOSR, 2017 |
| 15. | Exploratory Analysis of Mobile Network Traffic Data: A Case of a Major Mobile Network Operator in Nigeria | E-Academia, 2017 |
| 16. | Business Intelligence Model for Monitoring Blended Learning Usage | JTEC, 2017 |
| 17. | AL-QURAN ONTOLOGY BASED ON KNOWLEDGE THEMES | JFAS, 2017 |
| 18. | DATA WAREHOUSE SYSTEM FOR BLENDED LEARNING IN INSTITUTIONS OF HIGHER EDUCATION | E-Academia, 2018 |
| 19. | FRAMEWORK FOR MODELLING MOBILE NETWORK QUALITY OF EXPERIENCE THROUGH BIG DATA ANALYTICS APPROACH | JICT, 2018 |
| 20. | TACIT KNOWLEDGE FOR BUSINESS INTELLIGENCE FRAMEWORK: A PART OF UNSTRUCTURED DATA? | JTAIT, 2018 |
| 21. | DATA QUALITY EVALUATION FRAMEWORK FOR BIG DATA | JCC, 2019 |

CONFERENCE 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., 6INET NETWORK PERFORMANCE EVALUATION USING MEASUREMENT TECHNIQUE, Symposium | 2005 |

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|-----|--|------|
| | Sains Dan Matematik Kebangsaan ke XIII Anjuran Fakulti Sains Kuantitatif,UUM, 31 May – 2 Jun 2005, Alor Setar, Kedah | |
| 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, UPNM 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 |

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| 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), Thistle 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, Thistle 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 |

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| 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 MEDICAL SUPPLIERS IN JORDAN. In Knowledge Management International Conference (KMICE 2014). Langkawi Island, Kedah. | 2014 |
| 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., Nawi, 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 |

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| 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 |

SUPERVISION

| No. | 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 |

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| 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 Almzrae (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 |

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| 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 |