



**PERSONAL DETAILS**

**Name** : ASSOCIATE PROFESSOR SR. DR. MOHD. ZULKIFLI BIN MOHD. YUNUS  
**Gender** : Male  
**Nationality** : Malaysian  
**Correspondent Address** : Faculty of Civil Engineering  
Universiti Teknologi Malaysia  
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**Website** : http://civil.utm.my/mzul/  
**Expertise** : **GEOGRAPHIC INFORMATION SYSTEM  
(INFORMATION COMMUNICATION AND TECHNOLOGY)**

**ACADEMIC QUALIFICATIONS**

1997 : Doctor of Philosophy (Geographic Information Systems)  
Dept. of Geomatics, University of Newcastle upon Tyne, United Kingdom,  
Thesis Title: *Geospatial Data Management Throughout Large Area Civil Engineering Projects* (June 1997)  
1990 : Master of Philosophy (Geographic Information Systems)  
Dept. of Surveying, University of Newcastle upon Tyne, United Kingdom,  
Thesis Title: *Further Development and Application of SLIMPAC for Large Scale Mapping Information Systems* (June 1990)  
1986 : Bachelor of Surveying (Land) (Hons.)  
Faculty of Surveying, Universiti Teknologi Malaysia, Johor Bahru,  
Thesis Title: *Kajian dan Aturancangan Komputer dBASE III didalam Sistem Maklumat Tanah* (A Study and dBASE III Computer Programming for Land Information System)  
(May 1986)

**AWARD AND HONORS RECEIVED**

1. 2000 – Assessor Panel for Malaysian Qualification Agency – Civil Engineering and ICT
2. 2001 – Quality Award for Information Technology, UTM
3. 2003 – Excellent Service Award, UTM
4. 2005 – Quality Award for Excellent Faculty for Part Time Programme, SPACEUTM
5. 2006 – *Jasa Bakti* Award, UTM
6. 2006 – Quality Award for Excellent Head of Department (External Programme), SPACEUTM
7. 2007 – Quality Award for Former Head of Department (External Programme), SPACEUTM
8. 2007 – Quality Award for Excellent Faculty for Part Time Programme, SPACEUTM
9. 2008 – Excellent Service Award, UTM
10. 2008 – Quality Award for Best Consultancy (Group Category), UTM
11. 2012 – Excellent Service Award, UTM

## PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

1. Member: Association of Geographic Information (AGI) UK (since 1999)
2. Member: Urban and Regional Information Systems Association (URISA) USA (since 1999)
3. Member: International Society for Computational Engineering and Sciences (ISCES) (since 1999)
4. Certified CREDO Personality Profiling (CPP) Practitioner (since 2006)
5. Certified ISO 9001 RABQSA/SIRIM QMS Lead Auditor/Assessor (since October 2006)
6. Professional Membership: The Royal Institution of Surveyors Malaysia (since 2010)

## ADMINISTRATIVE EXPERIENCE

### Current Main Administrative Post

1. NIL

### Faculty Level

1. 2015 – to date - Internal Auditor, ISO 9001, Faculty of Civil Engineering
2. January 2014 – January 2015 – Member of Administration Committee, UTMSPACE
3. 2013 – Chairman, Technical Specification Committee, UTMSPACE
4. 2013 – 2014 – Deputy Chairman, Occupational Safety, Health and Environment Committee, UTMSPACE
5. July 2012 – December 2013 – Member of Directors Committee, UTMSPACE
6. Feb 2011 – January 2015 – Chairman, Management Committee of Centre of Part-Time Studies, UTMSPACE
7. February 2011 – July 2014 – Chairman, External Program Coordination Committee, UTMSPACE
8. 2010 – Coordinator, Award Ceremony Committee of Diploma Programmes for Executive and Franchise, UTMSPACE
9. March 2009 – January 2015 – Member of Management Committee, UTMSPACE
10. March 2009 – June 2011 - Chairman, Executive Program Committee, UTMSPACE
11. March 2009 – Jan 2011 – Chairman, Academic Result Committee for Part-Time and Executive Program, UTMSPACE
12. March 2009 – January 2011 – Member of Dean Office Committee, UTMSPACE
13. March 2009 – January 2011 – Member of Human Capital Management Panel Committee, UTMSPACE
14. March 2009 – January 2011 - Member of External Programme Coordination Committee, UTMSPACE
15. March 2009 – January 2011 - Member of Quotation Committee, UTMSPACE
16. January 2009 – February 2009 – Head, Executive Programme Unit, UTMSPACE
17. September 2008 – December 2008 - Consultant, Quality for Executive Programme, School of Professional and Continuing Education (UTMSPACE)
18. 2008 – to date – Course Coordinator of Geographic Information System (SAB4473, SKAA4473), Faculty of Civil Engineering
19. October 2008 – April 2010 – Deputy, Management Representative, ISO 9001:2008, Faculty of Civil Engineering
20. 2008 – 2010 – Member of the Faculty Curriculum and Syllabus Committee, Faculty of Civil Engineering
21. October 2008 – November 2008 – Chairman, Committee of Quality, Faculty of Civil Engineering
22. 2008 – Lead, Internal Auditor, ISO9001:2008, Faculty of Civil Engineering
23. 2008 – Head, Panel of Information Technology, Faculty of Civil Engineering
24. 2007 – 2008 – Committee Member (Task Force) of the Vice Chancellor Quality Award, 2007 for Faculty of Civil Engineering
25. Jan 2007 – Jan 2008 – Committee Member of Student Disciplinary Committee, Faculty of Civil Engineering
26. 2007 – Committee Member (Task Force) of the Translation for *Buku Panduan* and Brochures for Faculty of Civil Engineering
27. 2007 – Committee Member of the Student Generic Skill for Faculty of Civil Engineering

28. 2005 – 2012 - Internal Auditor, ISO 9001, Faculty of Civil Engineering
29. June 2005 – September 2008 – Head of Examination Process, ISO 9001:2000, Faculty of Civil Engineering
30. 2005 - 2009 – Committee Member of the Corporate Affairs for Faculty of Civil Engineering
31. 2005-2006 – Chairman of Muzakarah Fakulti 2006, Faculty of Civil Engineering
32. March 2005 - September 2005 – Acting Chairman of Kelab Keluarga, Faculty of Civil Engineering
33. 2004 - 2009 – Member (Task Force) of the Quality Assurance Committee, Faculty of Civil Engineering
34. February 2003 – to date – Deputy Manager (Academic), Information Technology, Faculty of Civil Engineering
35. July 2004 – June 2005 – Committee Member (Task Force) of the School of Professional and Continuing Education (SPACE)
36. 2003 – 2009 - Deputy Manager (Academic), Information Technology, Faculty of Civil Engineering
37. 2003 – 2009 – ICT Course Trainer (Community Service), Faculty of Civil Engineering
38. 2003 - 2005 – Chairman for Bureau of Economy, Kelab Keluarga, Faculty of Civil Engineering
39. 2003 - 2005 – Committee Member of Kelab Keluarga, Faculty of Civil Engineering
40. 2003 – June 2005 – Committee Member of ISO 9001:2000 (Examination Process) for Fac. of Civil Engineering
41. January 2003 - August 2003 – Head of Examination Process, ISO 9001:2000, Faculty of Civil Engineering
42. November 2002 – January 2008 – Head of Department (External Programmes)
43. 2002 - 2008 – Member of Administration Committee, Faculty of Civil Engineering
44. November 2002 – April 2008 – Coordinator, School of Professional and Continuing Education (SPACE)
45. 2002 – Committee Member of the Quality Award in Information Technology for Fac. of Civil Engineering
46. 2002 – 2008 – Committee Member of the IDB Technical Specification for Faculty of Civil Engineering
47. 2001 – 2002 – Committee Member of the Annual Report for Faculty of Civil Engineering
48. March 2001 – December 2004 – Secretary of The Regional Conference Computer Application In Civil Engineering (RCCACE), Faculty of Civil Engineering
49. July 2001 – November 2002 – Coordinator, School of Professional and Continuing Education (SPACE) (Civil Engineering Faculty Representative for Johor Bahru & Kuala Lumpur Regions)
50. 2001 – Chairman of Organising Committee for Seminar on Civil Engineering Software
51. 2000 – 2002 – Committee Member of 'Civil Engineering Showpiece' for Faculty of Civil Engineering
52. 2000 – 2008 – Committee Member of the Computer Technical Specification for Fac. of Civil Engineering
53. 2000 – Committee Member of Instrument Purchasing for Fakulti Kejuruteraan Awam
54. 2000 – Chairman of Organising Committee for Civil Engineering Professional Seminar (SEMPRO)
55. July 2000 – January 2003 – Deputy Manager (Professional Services & Training), Information Technology
56. 1999, 2001 – Facilitator for Research Methodology Course, UTM
57. 1999 – Coordinator/Panel for UTM-IPTS Academic Co-operation Programme
58. July 1999 – November 2000 – Coordinator, School of Professional and Continuing Education (SPACE) (Civil Engineering Faculty Representative for Ipoh Region)
59. 1999 – 2005 – Committee Member of Safety and Health for Faculty of Civil Engineering
60. 1999 - 2003 – Committee Member of Syllabus and Curriculum for M. Eng. IT in Construction course
61. 1998 - Coordinator of Engineering Surveying Syllabus and Curriculum
62. 1998 – Committee Member of Geo-Technology Research Team, Faculty of Civil Engineering
63. 1998 – 2002 – Committee Member of Diploma Courses Curriculum Assessor, Fac. of Civil Engineering
64. 1998 – 2008 – Committee Member of the Faculty Syllabus and Curriculum, Faculty of Civil Engineering
65. 1998 – Committee Member of Teaching Implementation, ISO 9000, Faculty of Civil Engineering
66. 1998 - (Civil Engineering Faculty Representative for Kota Kinabalu & Kuching Regions)
67. 1998 - 2008 – Member of Academic Committee, Faculty of Civil Engineering
68. 1998 - 2008 – Member of Examination Committee, Faculty of Civil Engineering
69. 1998 – 2000 – Head of Computer Laboratory, Faculty of Civil Engineering
70. 1998 – 2000 - Chairman of Organising Committee for Civil Engineering Seminar (SEMKA)
71. 1998 – 1999 – Editor of 'Berita FKA', Faculty of Civil Engineering
72. 1997 – 2009 – Academic Advisor
73. 1997 – 2000 – Secretary of Kelab Keluarga, Faculty of Civil Engineering
74. 1997 – 1998 – Head of Surveying Unit, Faculty of Civil Engineering
75. 1997 – 2000 – Coordinator of Seminar for the Under-graduate and Diploma Final Year Student of Civil Engineering Faculty
76. 1997 – 2001 – Faculty Representative for Educational Sub-Committee of Badan Kebajikan Staf, UTM
77. 1996 – 1999 – Committee Member of New Curriculum and Syllabus Elaboration of B. Eng. (Civil - Information Technology) (GIS and Advanced GIS)

78. 1992 – 1993 – Head of Surveying Unit, Faculty of Civil Engineering
79. 1986-1987, 1990-1993, 1997-1998 – Coordinator of the Student Survey Camp
80. 1986-1988, 1990-1993 – Academic Advisor

## **University Level**

1. January 2014 – February 2015 – Senate Committee Member on Curriculum and Academic Quality, UTM
2. January 2011 – February 2015 - Director (Centre of Part-Time Studies), UTMSPACE
3. April 2010 – January 2011 – Deputy Dean (Part-Time Study Programme), UTMSPACE
4. March 2009 – April 2010 – Deputy Dean (Academic), UTMSPACE
5. 2011 – Deputy Chairman, Award Ceremony Committee of Diploma Programmes for Executive and Franchise, UTMSPACE
6. 2011 – Chairman for Technical, Award Ceremony Committee of Diploma Programmes for Executive and Franchise, UTMSPACE
7. March 2009 – to date – Member of University Curriculum Committee
8. 2009 – to date – Member of Spatial Data Infrastructure (SDI) Research Group
9. 2009 – to date – Member of Geo Hazards Research Group (GRG)
10. March 2009 – December 2013 – Senate Committee Member on New Programmes/Departments and Students Intake
11. March 2009 – December 2013 – Senate Committee Member on Teaching and Learning
12. March 2009 – December 2013 – Senate Committee Member on External Programmes
13. November 2009 – December 2013 – Senate Committee Member on Library
14. May 2009 – October 2010 – Member of Academic Committee for University Post-Graduate Study
15. 2009 – Internal Auditor, Academic Performance Audit, UTM
16. 2004 – Assistant Secretary of Conference on Engineering Education 2004 (CEE 2004)
17. 1999 - Committee Member of Geotechnical Seminar 1999 (Geotropika '99)
18. 1997 – 2013 – Member of the University Technical Specification Committee, UTM
19. 1993 – Committee Member of Geotechnical Seminar 1994 (Geotropika '94)
20. 1992 – 1993 – Committee Member of Centre for Geographic Information & Analyses, UTM
21. 1991 – 1992 – Committee Member of Geotechnical Seminar 1992 (Geotropika '92)
22. 1990 – 1993 – Committee Member of Highway and Transportation Research Group, UTM

## **OTHERS EXPERIENCE**

### **NATIONAL COMMITTEE**

1. Tank Rails Construction Project for Faculty of Mechanical Engineering as Surveyor (1987)
2. Lake Design Project for UTM as Surveyor (1992)
3. External Examiner for Institution of Surveyors, Malaysia on Survey Computation II, 1993
4. Committee Member of GIS Technology Development for Casbina Sdn. Bhd., 1998 – 2001
5. Secretary of Kelab Keluarga FKA (1997 - 2000)
6. Faculty Representative for Educational Sub-Committee of Badan Kebajikan Staf UTM (1997 - 2001).
7. Secretary of Sport Committee of Kelab Keluarga FKA (1998)
8. Member for Educational Sub-Committee of Parent Teacher Association of Sekolah Kebangsaan Sri Skudai (1999-2000)
9. Assessor Panel for Malaysian Qualification Agency (MQA/LAN), Malaysia – since 2000
10. Committee Member of Civil Engineering Showpiece for Faculty of Civil Engineering (2000-2002)
11. Trustee of Parent Teacher Association of Sekolah Menengah Kebangsaan Taman Universiti (2002-2003)
12. Surau Project for Parent Teacher Association of Sekolah Menengah Kebangsaan Taman Universiti as Surveyor (July 2002).
13. Committee Member of Parent Teacher Association of Sekolah Menengah Kebangsaan Taman Universiti (2003-2005)
14. Committee Member of Kelab Keluarga, Faculty of Civil Engineering (2003-2005)

15. Chairman for Bureau of Economy, Kelab Keluarga, Faculty of Civil Engineering (2003-2005)
16. Committee Member of Pemuafakatan Asrama Sekolah Menengah Kebangsaan Bandar Putra (2004-2005)
17. Sahabat Permai – Hospital Permai Johor Bahru (2004)
18. Committee Member of Parent Teacher Association of Sekolah Menengah Kebangsaan Bandar Putra (2005-2006)
19. Naib Yang Di Pertua, Parent Teacher Association of Sekolah Menengah Teknik Perdagangan Johor Bahru (2005-2007)
20. Assessor Panel for Fundamental Research Grant Scheme (FRGS) Ministry of Education, Malaysia – FRGS 2015-1, Application ID: 59468 and 96616 (2015)

## **INTERNATIONAL APPOINTMENT/COMMITTEE**

1. Committee Member of Balai Malaysia Newcastle upon Tyne, United Kingdom (1993 - 1994).
2. Member of Majlis Syura Muslimum (MSM), United Kingdom (1994-1997).
3. Committee Member of Balai Malaysia Newcastle upon Tyne, United Kingdom (1995 - 1996).
4. Area Representative for Balai Malaysia Newcastle upon Tyne, United Kingdom (1995-1996).

## **OTHERS: PAST EXPERIENCES**

1. 1986 – 1990 Assistant Lecturer 'A'
2. 1988 – 1990 Further Studies (M. Phil. Programme)
3. 1990 – 2000 Lecturer
4. 1992 – 1993 Head, Surveying Unit
5. 1994 – 1997 Further Studies (Ph. D Programme)
6. 1997 – 1998 Head, Surveying Unit
7. 1998 – 2000 Head, Computer Laboratory
8. 1998 – 2008 Member of Academic Board of Faculty
9. 1998 – 2008 Member of Examination Board of Faculty
10. 2000 – 2003 Deputy Manager (Professional Services & Training), IT (July 2000 – January 2003)
11. 2000 – to date Associate Professor
12. 2002 – 2008 Head of Department (External Programmes) (Nov. 2002 – Feb. 2008)
13. 2003 – to date Deputy Manager (Academic), Information Technology
14. 2008 – 2008 Consultant, Quality for Executive Programme, *UTMSPACE* (Sept. – Dec. 2008)
15. 2009 – 2009 Head, Executive Programme Unit, *UTMSPACE* (Jan. – Mar. 2009)
16. 2009 – 2010 Deputy Dean (Academic), *UTMSPACE* (March 2009 – April 2010)
17. 2010 – 2011 Deputy Dean (Part-Time Programme), *UTMSPACE* (April 2010 – Jan. 2011)
18. 2011 – 2015 Director (Centre of Part-Time Studies), *UTMSPACE* (Feb. 2011 – Jan. 2015)

## **RESEARCH ACTIVITIES**

### **RESEARCH PROJECT UNDERTAKEN**

1. Project Leader, '*Kajian dan Aturancangan Komputer dBASE III Didalam Sistem Maklumat Tanah*' (A Study and dBASE III Computer Programming for Land Information System) - Faculty of Surveying, UTM. (1985-86).
2. Project Leader, '*Further Development and Application of SLIMPAC for Large Scale Mapping Information Systems*' - Department of Surveying, University of Newcastle upon Tyne, UK. (1988-90).

3. Project Leader, '*Geospatial Data Management Throughout Large Area Civil Engineering Projects*' - Department of Geomatics, University of Newcastle, UK (1994-1997).
4. Project Member, '*Kelemahan Pengawalan Projek Binaan Dari Segi Keberkesanan Sumber Manusia Yang Terlibat*' - Faculty of Civil Engineering, UTM (1997 - 1999).
5. Project Member, '*Alternative Indicator to Assess Site Communication*' - Faculty of Civil Engineering, UTM (1998 - 2000). Budget approved RM 15,000 (Vot 71334)
6. Project Member, '*Penilaian Terhadap Keupayaan Model Rangkaian Neural Bagi Meramal Permintaan Rumah Kos Rendah Kawasan Bandar Di Negeri Selangor*'- Faculty of Civil Engineering, UTM (1999 - 2002).
7. Project Member, '*Real-Time Flood Management Using Geographical Information System*' - Faculty of Civil Engineering, UTM (2002). Budget approved RM 16,000 (Vot 71307)
8. Project Leader, '*Aplikasi Sistem Maklumat Geografi Dalam Pembangunan Pangkalan Data Lalu Lintas*' - Faculty of Civil Engineering, UTM (1999 - 2003).
9. Project Leader, '*Teknologi Maklumat: Kajian Keberkesanan Perisian SMG Untuk Aplikasi Kejuruteraan Awam*' - Faculty of Civil Engineering, UTM (2003). Budget approved RM 20,000 (Vot 71280)
10. Project Leader, '*SMG Sebagai Alat Perkakasan Untuk Pengurusan Kawasan Tadahan Air*' - Faculty of Civil Engineering, UTM (2003). Budget approved RM 15,000 (Vot 71623)
11. Project Leader, '*Penggunaan Sistem Maklumat Geografi Dalam Siasatan Tanah Runtuh*' - Faculty of Civil Engineering, UTM (2003). Budget approved RM 20,000 (Vot 71624)
12. Project Member, '*The Study of Online Construction Information System*' – Faculty of Civil Engineering, UTM (2003-2004). Budget approved RM 20,000 (Vot 71624)
13. Project Member, '*Kajian Ke atas Sistem Pengurusan Dan Perkongsian Pengetahuan CAD Melalui Pembangunan Web Portal Bagi Industri Pembinaan*' – Faculty of Civil Engineering, UTM (2005). Budget approved RM 11,000 (Vot 75187)
14. Project Leader, '*Mewartakan Perjuangan Meningkatkan Profesional Bumiputera – Sumbangan UTM Dari Kacamata Tan Sri Ainuddin Wahid*' – Faculty of Civil Engineering and Faculty of Mechanical, UTM (2004-2008). Budget approved RM 35,000 (Vot 75070)

## **FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS FUND)**

1. Project Member, '*Corrosion Assessment Standard For Inspection Data To Evaluate The Remaining Lifetime Of Corroding Structures*' – UTM & MOHE (2007-2009). Budget approved RM 112,000 (Vot 79143).
2. Project Member, '*Statistical Modelling Of Corrosion Growth In Marine Environment*' – UTM & MOHE (2007-2009). Budget approved RM 93,600 (Vot 78188).
3. Project Member, '*Fundamental Study On The Extreme Growth Behaviour Of External Corrosion Pit In Burried Gas Pipelines (Malaysian Transmission Lines)*' – UTM & MOHE (2008-2010). Budget approved RM 84,000 (Vot 78351).
4. Project Member, '*Derivation Of Damping Factors Of A Mass Within Rubber Compound To Reduce Seismic Response Of Pendulum Type Structures Using Seismograph Concept*' – UTM & MOHE (2015-2017). Budget approved RM 86,200 (Vot R.J130000.7822.4F732).

- Project Leader, '*Derivation Model Of Dynamic Displacement Measurement Between GPS And An Accelerometer For Bridge Monitoring*' – UTM & MOHE (2016-2018). Budget approved RM 80,000 (R.J130000.7822.4F831).

### RESEARCH UNIVERSITY GRANT (RUG)

- Project Member, '*Development of a Mangrove Vulnerability Index Using GIS and Lidar Technology*', - RUG UTM (2011-2013). Budget approved RM 48,333.33 (Vot Q.J130000.7122.01H70).
- Project Leader, '*Modelling Shoreline Vegetation Migration Due To Sea Level Rise On Kukup Island Channels*', - RUG UTM (2014-2015). Budget approved RM 20,000 (Vot Q.J130000.2611.10J01).
- Project Member, '*Evaluation On Project Based Learning Implementation For Civil Engineering Students In Malaysian University*', - RUG UTM (2015-2017). Budget approved RM 37,500 (Vot Q.J130000.2522.11H07).

### CONTRACT RESEARCH PROJECT UNDERTAKEN (UTMSPACE)

- Project Member, '*Kajian Mengenai Persepsi Majikan Terhadap Graduan Program Pengajian Separuh Masa Universiti Teknologi Malaysia*' – SPACE, UTM (2003). Budget approved RM 20,000 (Vot 64502).
- Project Member, '*The Demand for Continuing Education in Malaysia: Comparisons & Analysis*', - UTMSPACE (2009-2010). Budget approved RM 35,000 (Vot 64502).

### CONTRACT RESEARCH PROJECT AWARDED BY CONSTRUCTION INDUSTRY DEVELOPMENT BOARD (CIDB)

- Project Member, '*National Research Programme on Affordable Quality Housing – IT and Expert System*' – Faculty of Engineering, Universiti Putra Malaysia (2002-2006). Budget approved RM 100,000.

### TEACHING ACTIVITIES

Subject	Credit Hour
Engineering Surveying	4
Computer for Civil Engineering	3
GIS for Civil Engineers	3
Research Methodology and Civil Engineering Problem Solving	3
Introduction to Information Technology and Information Search	2
Information Technology	4
Geographic Information System	3
Fundamentals of Engineering Surveying	2
Civil Engineering Information System	3
Surveying Information System	2
Land Law and Land Tenure	2

## SUPERVISION

### *PhD Student(s)*

Year	No.	Name	Status	Title	Roles of Supervision
2012	1	Seyed Mahdi Sajjadi	Graduated 2015	Multivariate Optimization of Highway Alignment Using Multi-Criteria Evaluation	Main Supervisor
2011	2	Fatimah Shafinaz binti Ahmad	Ongoing 2011 - 2016	Geographic Information System Spatial Data Handling In Water Management	Main Supervisor
2016	3	Izni Izzati binti Mohamad	Ongoing 2016 - 2019	Analytical Model of Landslide Risk Using GIS	Main Supervisor

### *MSc. Student(s)*

Year	No.	Name	Status	Title	Type	Roles of Supervision
1999	1	Yutiar	Graduated 2000	Kelemahan Pengawalan Projek Binaan Dari Segi Keberkesanan Sumber Manusia Yang Terlibat	Mix Mode	Co-Supervisor
1999	2	Khairulzan bin Yahya	Graduated 2002	Penilaian Terhadap Keupayaan Model Rangkaian Neural Bagi Meramal Permintaan Rumah Kos Rendah Kawasan Bandar Di Negeri Selangor	Research	Co-Supervisor
1999	3	Munzilah bt. Md. Rohani	Graduated 2003	Aplikasi Sistem Maklumat Geografi Dalam Pembangunan Pangkalan Data Lalu Lintas	Research	Main Supervisor
2000	4	Halinawati binti Hairol	Graduated 2003	Applikasi Perisian Sistem Maklumat Geografi ArcView Untuk Ramalan Aras Air Sungai: Kajian Kes Sungai Lui, Selangor	Research	Main Supervisor
2000	5	Fatimah Shafinaz binti Ahmad	Graduated 2004	Penggunaan Sistem Maklumat Geografi Untuk Meramal Keruntuhan Cerun di Pulau Pinang	Research	Main Supervisor



2004	6	Irfan Ali Memon	Graduated 2005	Application of Geographic Information System In Transportation For Road Network Analysis	Mix Mode	Main Supervisor
2011	7	Wong Yng Jeng	Graduated 2012	Road Maintenance Management System using Geographic Information System'	Mix Mode	Main Supervisor
2012	8	Izni Izzati binti Mohamad	Graduated 2015	Landfill Site Suitability Using Geographic Information System And Analytical Hierarchy Process	Research	Main Supervisor
2012	9	Chik Maslinda binti Omar	Graduated 2016	A Spatio-Temporal Analysis of Shoreline Vegetation Response To Projected Sea Level Rise	Research	Main Supervisor
2012	10	Mohd Aminul Izmeer bin Ab Ghafar	Graduated 2016	Seismic Vulnerability of Existing Building in Kundasang, Sabah, Malaysia	Research	Main Supervisor
2012	11	Nur 'Izzati Bt Ahmad Ramly	Graduated 2016	Geographic Information System For Seismic Vulnerability Assessment Of Existing Buildings In Bukit Tinggi, Pahang	Research	Main Supervisor

## POSTGRADUATE EXAMINATION /VIVA

### UTM STUDENTS/VIVA/ASSESSOR

1. Assessor Panel for '*Seminar Pembentangan Pertama Projek Pasca Ijazah Fakulti Kejuruteraan Awam (MAW & PAW)*', Faculty of Civil Engineering, UTM, 2001 and 2011.
2. Assessor Panel for '*Permohonan Pertukaran Pendaftaran Sarjana Kepada Doktor Falsafah*', Faculty of Civil Engineering, Universiti Teknologi Malaysia, May 2004.
3. Assessor Panel for '*Penyelidikan Pertama Doktor Falsafah (Geoinformatik)*, entitled *Influence of Georeferencing System for Geographic Information System Based Surface Runoff Modelling – Mr. Izham Mohamad Yusoff*', Faculty of Geoinformation Science & Engineering, UTM, January 2008.
4. Assessor Panel for Programme Management Centre, UTMSPACE Executive Programme, UTM, 2013 and 2014.

### PHD EXTERNAL EXAMINER

1. Mr. Ahmad Rodzi Mahmud  
'*Resolving Spatial Conflict In Computer-Generated Collision Diagrams For Road Accident Analysis*', - Ph. D in Faculty of Engineering, UPM (October 2002).
2. Ms. Lau See Hung  
'*Development of Data-Driven Fuzzy System for Evaluating Ultimate Tendon Stress of Externally Prestressed Beams*', - Ph. D in Faculty of Engineering, UNIMAS (June 2015).

## **MSc EXTERNAL EXAMINER**

1. Miss Illyani Ibrahim, '*Spatial Statistical Analysis of Dengue Cases in Shah Alam*', - Master of Science, Faculty of Architecture, Planning & Surveying, UiTM, September 2007.
2. Ms Chiew Fei Ha, '*Online Reinforced Concrete Element Design Webpage Based on Active Server Pages*', - Master of Engineering, Faculty of Engineering, Unimas, January 2008.
3. Mr. Mohsen Dadras, '*Identification And Control Of Land Development Pattern In Ineffective Quarters Using GIS And Smart Growth Modelling*', - M. Sc in Institute Advanced of Technology, UPM, April 2010.
4. Ms. Rosmarina Ab Rahman, '*Managing Avian Influenza Disease Using GIS-Based Preparedness Response System (GPRS) (Case Study: Alor Gajah Malacca)*', - Master of Science, Faculty of Architecture, Planning & Surveying, UiTM, May 2010.
5. Ms. Belinda Ulfa Aulia, '*Site Suitability Analysis of Petrol Filling Station using Based Analytical Hierarchy Process: A Case Study of Surabaya Metropolitan*', - M. Sc in Civil Engineering, UTP, May 2011.
6. Ms. Sara Amiri, '*Emergency Management in Earthquake Disaster using GIS Application: A Case Study on Tehran, Iran*', - M. Sc in Institute Advanced of Technology, UPM, June 2011.
7. Mr. Shabir Hussain Khahro, '*Environment Impact Assessment-Based Geographical Information System for Land Suitability of Petrol Stations*', - M. Sc in Civil Engineering, UTP, September 2013

## **MSc INTERNAL EXAMINER**

1. Chairman of the Master in Civil Engineering Viva Panels for Miss Tuan Norhayati bt Tuan Chik, '*Deterministic Seismic Hazard And Vulnerability Assessment For Klang Valley*', - UTM, January 2003.
2. Mrs. Daeng Siti Maimunah Ishak, '*Mangrove Migration Due To Sea Level Rise*', - Master of Engineering (Offshore and Maritime) UTM, January 2016.

## **PhD INTERNAL EXAMINER**

1. Mr. Izham Mohamad Yusoff, '*Influence of Georeference in Geographic Information System Applying for Rainfall-Runoff Modelling*', - Ph. D in Geoinformatic, UTM, April 2010.
2. Mr. Radzuan Sa'ari, '*Accuracy Improvement In Area-Based Matching For Structural Displacement Measurements*', - Ph. D in Civil Engineering, UTM, April 2016.

## **PUBLICATIONS**

### **JOURNAL**

#### **ISI Journal :**

1. 'Pozzolanic Materials Role in Enhancement of Mechanical Parameters of the Dune Sand', Author: Alireza Firoozfar, Seyed Mahdi Sajjadi, Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus and Taha Mehmannaavaz, Romanian Journal of Materials, vol. 44, issue 4, 2014, pp 347-353, ISSN 1583-3186 – (Index by ISI and Scopus, IF=0.563) International.
2. 'A 3-tier tsunami vulnerability assessment technique for the north-west coast of Peninsular Malaysia', Author: Prof. Hadibah Ismail, Prof. Dr. Ahmad Khairi Abd. Wahab, Assoc. Prof. Mohd For Mohd Amin, Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus, Assoc. Prof. Faridah Jaafar Sidek and Bahmin Esfandier, Journal of the International Society for the Prevention and Mitigation of Natural Hazard, vol. 63 no. 2, 2012, pp 549-573, ISSN 0921-030X (Index by ISI and Scopus, IF=1.639) International.

3. *'The Need of English Language Training Program In Continuing Education'*, Author: Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus, Assoc. Prof. Dr. Abdul Halim Abdul Raof, Rozafrina Abdul Rahman and Adib Mulyani Mohd Amin, *Procedia Social and Behavioral Sciences*, vol. 56, 2012, pp 396-404, ISSN 1877-0428 (Index by ISI, IF=0.156) International.

### **SCOPUS Journal :**

1. *'Analyzing Accidents Caused by Overturn of Vehicles (Case Study of Iran-Zanjan Province in 2010)'*, Author: Seyed Mahdi Sajjadi, Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus, Assoc. Prof. Dr. Othman Che Puan, Taha Mehmannaavaz and Iman Faridmehr, *Research Journal of Applied Sciences, Engineering and Technology*, vol. 7, issue 12, March 29, 2014, pp 2509-2515, ISSN 2040-7459 – (Index by Scopus, IF=0.155) International.
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70. '*The Need of English Language Training Programmes in Continuing Education*', Author: **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, Assoc. Prof. Dr. Abdul Halim Abdul Raof, Rozafrina Abdul Rahman and Adib Mulyani Mohd Amin, paper for The 3<sup>rd</sup> Regional Conference on Engineering Education & Research in Higher Education 2010 (RCEE & RHEd 2010), presented at Kuching, 7-9 June, 2010 – International.
71. '*Making Career Decisions through Personality Profiling*', Author: Assoc. Prof. Ir. Fatimah Mohd. Noor and **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, paper for The 3<sup>rd</sup> Regional Conference on Engineering Education & Research in Higher Education 2010 (RCEE & RHEd 2010), presented at Kuching, 7-9 June, 2010 – International.



72. *'Continuing Education for Working Adults in Malaysia'*, Author: **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, Assoc. Prof. Ir. Fatimah Mohd. Noor and Rosnizam Maarof, paper for International Conference of Education, Research and Innovation 2010 (iCERi 2010) Proceedings, presented at Madrid, Spain, 15-17 November, 2010, published by International Association of Technology, Education and Development (IATED), pp 1465-1472, ISBN 978-84-614-2439-9 – International.
73. *'Safeguarding the Quality of Engineering Programmes in Malaysia'*, Author: Assoc. Prof. Ir. Fatimah Mohd. Noor, **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus** and Prof. Mohamad Affi Abdul Mukti, paper for International Conference of Education, Research and Innovation 2010 (iCERi 2010) Proceedings, presented at Madrid, Spain, 15-17 November, 2010, published by International Association of Technology, Education and Development (IATED), pp 7212-7219, ISBN 978-84-614-2439-9 – International.
74. *'Investigation of Various Techniques of Soils Stabilization in Different Conditions'*, Author: Seyed Mahdi Sajjadi, **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, Assoc. Prof. Dr. Othman Che Puan and Taha Mehmannaavaz, paper for 4th International Graduate Conference on Engineering, Science and Humanities 2013 (IGCESH 2013), presented at UTM Johor Bahru, Malaysia, 16-17 April, 2013, ISBN 16172013 – International.
75. *'Spatial Data Handling For Landfill Siting'*, Author: **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus** and Izni Izzati Mohamad, ID 267, paper for The 9th International Conference on Construction And Building Engineering (Iconbuild) – GEOCON2013, presented at Johor Bahru, Malaysia, 28-30 October, 2013 – International.
76. *'Integrating and Utilizing AHP and GIS for Landfill Site'*, Author: **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, Izni Izzati Mohamad and Chik Maslinda Omar, ID 18, paper for The International Integrated Engineering Summit 2014 (IIES 2014), presented at Batu Pahat, Johor, Malaysia, 1-4 December, 2014 – International.
77. *'Spatial Management on Mangrove Response to Sea Level Rise (SLR) in Kukup Island'*, Author: **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, Fatimah Safinaz Ahmad and Chik Maslinda Omar, ID 196, paper for The International Integrated Engineering Summit 2014 (IIES 2014), presented at Batu Pahat, Johor, Malaysia, 1-4 December, 2014 – International.
78. *'Determining the Best Highway Candidate Based on Cost and Safety Using the Analytic Hierarchy Process'*, Author: Seyed Mahdi Sajjadi, **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, Prof. Dr. Othman Che Puan and Taha Mehmannaavaz, paper for 1st ICRIL-International Conference on Innovation in Science and Technology 2015 (IICIST 2015), presented at Kuala Lumpur, Malaysia, 20 April, 2015, ISBN 20042015 – International.
79. *'Assessment of Air Pollution Cost for Highway Alignment Optimization'*, Author: Seyed Mahdi Sajjadi, **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, Prof. Dr. Othman Che Puan and Taha Mehmannaavaz, paper for 1st ICRIL-International Conference on Innovation in Science and Technology 2015 (IICIST 2015), presented at Kuala Lumpur, Malaysia, 20 April, 2015, ISBN 20042015 – International.
80. *'GIS-Based Assessment of Mangrove Response to Shoreline Change Along the Coast of Kukup Island, Johor'*, Author: **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, Chik Maslinda Omar and Zulhilmi Ismail, paper for Malaysian Technical Universities Conference on Engineering and Technology 2015 (MUCET 2015), presented at Johor Bahru, Malaysia, on 11-13 October 2015 – International.
81. *'GIS Technology as a Tools to Predict Landslide'*, Author: **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus** and Fatimah Shafinaz Ahmad, paper for Malaysian Technical Universities Conference on Engineering and Technology 2015 (MUCET 2015), presented at Johor Bahru, Malaysia, on 11-13 October 2015 – International.
82. *'Implementation of Project Based Learning for Civil Engineering Students at Universiti Teknologi Malaysia'*, Author: Muhammad Azril Hezmi, radzuan Saari, Mushairry Mustaffar, Che Ros Ismail, Mohd For Mohd Amin, Muhammad Nasir Hanapi, Khairulzan Yahya, Yusof Ahmad, Azman Mohamed, Nor Zurairahetty Mohd Yunus, Asnul Dahar Minghat, Siti Norafida Jusoh, Mohd Yunus Ishak and **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, paper for 9th Asia Pacific Structural Engineering and Construction Conference 2015 (APSEC 2015), presented at Kuala Lumpur, Malaysia, on 3-5 November 2015 – International.
83. *'Analytical and Statistical Approaches to Study the Impacts of Shoreline Change towards Mangroves at Kukup Island National Park, Johor'*, Author: Chik Maslinda Omar, Daeng Siti Maimunah Ishak, **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus** and Ahmad Khairi Abd Wahab, paper for 3rd International Conference on Water Resources 2015 (ICWR 2015), presented at Langkawi, Kedah, Malaysia, on 24-25 November 2015 – International.

84. *'Sharing of GIS Spatial Data In Transportation Engineering'*, Author: **Assoc. Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus**, Invited Speaker for 10th International Conference on Geotechnical And Transportation Engineering 2016 (Geotropika 2016), presented at Kuala Lumpur, Malaysia, on 17-18 February 2016 - International.

## **SEMINARS/WORKSHOPS**

1. *Seminar Amalan Dan Pendidikan Ukur Tanah*: Organised by Faculty of Surveying, UTM at UTM on 4.12.1990-5.12.1990
2. *XI Conference Of The South East Asia Regional Computer Confederation*: Organised by SEARCC, at Putra World Trade Centre, Kuala Lumpur on 11.8.1992-14.8.1992
3. *Research Methodology Course*: Organised by JPA/UTM at UTM Johor, on 15.5.1993-8.6.1993
4. *Civil Engineering Research Seminar 1993* (Seminar Penyelidikan Kejuruteraan Awam (SEPKA) 1993): Organised by Faculty of Civil Engineering, UTM at Hotel Putri Pan Pacific, Johor Bahru on 23.6.1993
5. *GIS Seminar - 1990's Technology*: Organised by Institut Tadbiran Awam Negara (INTAN) Kuala Lumpur, at INTAN on 22.7.1993
6. *National Transfer Format (NTF) Course*: Organised by Department of Surveying, Newcastle University, UK, at Newcastle on 22.6.1994-23.6.1994
7. *Arc/Info Training Course: 'Introduction to Arc/Info'* from 9.1.1995 to 13.1.1995 at ESRI (UK), Watford, United Kingdom. (Certificate)
8. *Time Management and Thesis Writing Course*: Organised by Faculty of Science, Newcastle University at Newcastle, UK on 6.2.1995-7.2.1995
9. *Arc/Info Training Course: 'Advanced Arc/Info'* from 20.3.1995 to 24.3.1995 at ESRI (UK), Watford, United Kingdom. (Certificate)
10. *Geographic Information Systems Research, United Kingdom 1995 (GISRUK '95)*: Organised by Department of Surveying, Newcastle University, UK, at Newcastle on 5.4.1995-7.4.1995
11. *Arc/Info Training Course: 'Customizing Arc/Info with AML'* from 30.5.1995 to 1.6.1995 at ESRI (UK), Watford, United Kingdom. (Certificate)
12. *The First Annual Malaysian Remote Sensing and GIS Conference*, jointly organised by Malaysian Remote Sensing Society and Malaysian Centre for Remote Sensing at Crown Princess Hotel, Kuala Lumpur, on November 25-27, 1996.
13. *Conference on Science and Technology Education*, jointly organised by Universiti Teknologi Malaysia and the Ministry of Education Malaysia at UTM, Kuala Lumpur, on December 15-16, 1997.
14. *An Introductory Course: MS ISO 9000*, jointly organised by Faculty of Civil Engineering, UTM and ITM, Shah Alam at UTM, Johor Bahru, on March 3, 1998.
15. *Documentation Course: ISO 9000*, organised by Faculty of Civil Engineering, UTM, at UTM, Johor Bahru, on April 1-2, 1998.
16. *Laboratory Accreditation Documentation Course*, organised by Faculty of Civil Engineering, UTM, at UTM, Johor Bahru, on June 4-5, 1998.
17. *Academic Excellence Workshop*, organised by Faculty of Civil Engineering, UTM, at UTM, Johor Bahru, on June 20, 1998.
18. *Information Technology Workshop*, organised by Faculty of Civil Engineering, UTM, at UTM, Johor Bahru, on October 22, 1998.
19. *Seminar Kejuruteraan Awam 1998 (SEMKA '98)*: Organised by Faculty of Civil Engineering, UTM at Alor Setar, Kedah on 15.8.1998-16.8.1998.
20. *Seminar Kejuruteraan Awam 1998 (SEMKA '98)*: Organised by Faculty of Civil Engineering, UTM at Kuala Lumpur, on 12.9.1998-13.9.1998.
21. *Seminar Kejuruteraan Awam 1999 (SEMKA '99)*: Organised by Faculty of Civil Engineering, UTM at Air Keroh, Melaka on 29.5.1999-30.5.1999.
22. *One Day Short Course on Mathematical Modelling of Water Resources: An Overview of Real World Applications*: Organised by Faculty of Civil Engineering, UTM at Universiti Teknologi Malaysia, Johor on 26.5.1999.
23. *Bengkel Pembentukan Silabus dan Kurikulum Sesi 2000/2001*: Organised by Faculty of Civil Engineering, UTM at Universiti Teknologi Malaysia, Johor on 18-19.11.1999.
24. *Seminar on Occupational Hazards and Volatile Organic Compounds: Handling Effects To Community and Environment*. Organised by Kumpulan Perubatan Penawar Sdn. Bhd. at Hotel Selesa, Pasir Gudang, Johor on 25.11.1999.
25. *International Conference and Exhibition on Educational Superhighway 1999*: Organised by SEAMEO RECSAM, Penang at SEAMEO RECSAM, Penang on 30.11 - 2.12.1999.
26. *Seminar Kejuruteraan Awam 1999-2 (SEMKA '99-2)*: Organised by Faculty of Civil Engineering, UTM at Port Dickson, Negeri Sembilan on 6.12.1999-7.12.1999.
27. *Persidangan Kebangsaan Kejuruteraan Awam '99 (AWAM'99)*: Organised by Universiti Sains Malaysia at Lumut, Perak on 24.1.2000-26.1.2000.

28. *Ceramah Profesionalisma dan Etika Kerja Di Dalam Alaf Baru*: Organised by Faculty of Civil Engineering, UTM at UTM, Johor Bahru on 29.1.2000.
29. *Seminar Profesional Kejuruteraan Awam*: Organised by Faculty of Civil Engineering, UTM at Kuala Lumpur, Wilayah Persekutuan on 30.1.2000-1.2.2000 and 19.2.2000-21.2.2000.
30. *Bengkel Penilaian Kelulusan, Tahap Minimum dan Perakuan Akreditasi*: Organised by Lembaga Akreditasi Negara at Petaling Jaya, Selangor on 17.2.2000.
31. *Seminar Kejuruteraan Awam 2000 (SEMKA 2000)*: Organised by Faculty of Civil Engineering, UTM at Kuantan, Pahang on 20.5.2000-21.5.2000.
32. *The Regional Conference on Hydrology and Environment of Small Island*, Organised by Faculty of Civil Engineering, UTM at Pulau Tioman, Johor on 29.5.2000 - 31.5.2000.
33. *Seminar Persekitaran 2000*, Organised by USM, at Tronoh, Perak on 20.11.2000 - 21.11.2000.
34. *Konvensyen Pendidikan 2000*, Organised by Universiti Teknologi Malaysia, Johor Bahru on 14.2.2001.
35. *Seminar Perisian Kejuruteraan Awam*, Organised by Universiti Teknologi Malaysia, Johor Bahru on 24.2.2001.
36. *Majlis Suaikenal Dan Seminar Keibubapaan*, Organised by PIBG Maktab Sultan Abu Bakar, at MSAB Johor Bahru on 17.2.2001.
37. *Kursus Penulisan Buku Karya Asli*, Organised by Universiti Teknologi Malaysia, Johor Bahru, at Sofitel Palm Resort, Johor Bahru on 20.3.2001-22.3.2001.
38. *Bengkel Fail Meja*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, Johor Bahru, at Paradise Hotel, Johor Bahru on 21.3.2001.
39. *Seminar Perisian Kejuruteraan Awam II*, Organised by Universiti Teknologi Malaysia, Johor Bahru on 15.7.2001.
40. *Bengkel Penilaian Program Pengajian Siswazah Fakulti Kejuruteraan Awam*, Organised by Universiti Teknologi Malaysia, Johor Bahru, at Sofitel Palm Resort, Johor Bahru on 23.7.2001-24.7.2001.
41. Brunei International Conference On Engineering And Technology, Organised by Institiut Teknologi Brunei, Brunei Darussalam, on 9.10.2001-11.10.2001.
42. GEOTROPIKA 2001 Conference On Geotechnical Engineering, Organised by Universiti Teknologi Malaysia, Johor Bahru, at Hilton Hotel Kuching Sarawak, on 5.11.2001-7.11.2001.
43. *Kursus Perancangan Dan Rekabentuk Kurikulum*, Organised by Universiti Teknologi Malaysia, Johor Bahru, at Hyatt Regency Hotel, Johor Bahru on 18.6.2002.
44. *Bengkel Teknologi Maklumat*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, Johor Bahru, at UTM, Johor Bahru on 24.7.2002-26.7.2002.
45. *A Workshop On Teaching Portfolio*, Organised by Universiti Teknologi Malaysia, Johor Bahru, at UTM, Johor Bahru on 2.9.2002.
46. The Second World Engineering Congress (WEC2002), Organised by Universiti Putra Malaysia, Serdang at Hilton Hotel Kuching Sarawak, 22.7.2002-25.7.2002.
47. *A Workshop On Teaching Portfolio Development*, Organised by Universiti Teknologi Malaysia, Johor Bahru, at Sofitel Palm Resort, Johor Bahru, on 23.12.2002-24.12.2002.
48. *A Workshop On ISO 9001:2000*, Organised by Faculty of Civil Engineering, at Guoman Resort, Port Dickson, on 19.1.2003-22.1.2003.
49. *Seminar e-Learning in Conjunction with the Annual Meeting Malaysian of Distance Education*, Organised by UiTM, Shah Alam, at UiTM Hotel, Shah Alam, on 28.6.2003.
50. *A Workshop On Documents Updating for ISO 9001:2000*, Organised by Faculty of Civil Engineering, at Riviera Bay Resort, Malacca, on 3.8.2003-5.8.2003.
51. *A Workshop On Verification of KKTm's Training Programmes*, Organised by Universiti Kuala Lumpur, at Equatorial Hotel, Bangi, on 19.8.2003-20.8.2003.
52. *Asia Pacific Occupational Safety & Health Organisation Conference and Exhibition*, Organised by Malaysian Society For Occupational Safety & Health (MSOSH), at Hotel Istana, Kuala Lumpur, on 1.9.2003-4.9.2003.
53. *Second International Seminar On Learning And Motivation*, Organised by Universiti Utara Malaysia, at Cophthorne Orchid Hotel, Penang, 13-15 October, 2003.
54. *Bengkel Perancangan Kalendar Fakulti*, Organised by Faculty of Civil Engineering, UTM, at Pulau Spring Resort, Johor, on 12 and 19.1.2004.
55. *Bengkel Perancangan Strategik Unit Teknologi Maklumat*, Organised by Faculty of Civil Engineering, UTM, at Tanjung Puteri Golf Resort, Johor, on 23-25.3.2004.
56. *Kursus Penilaian Tahap Kecekapan Skim Pendidikan DS54/TK6*, Organised by UNIPEN, Universiti Teknologi Malaysia, at UTM, Johor, on 12-28.4.2004.
57. *Bengkel Kemahiran Generik*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, at UTM, Johor, on 18-19.5.2004.
58. *Seminar Peningkatan Kemahiran Pengajaran Untuk Pelajar Program SPACE*, Organised by SPACE, Universiti Teknologi Malaysia, at UTM, Johor, on 20.5.2004.
59. *Bengkel Penyediaan Dokumen Jaminan Kualiti*, Organised by UNIPEN, Universiti Teknologi Malaysia, at Hotel Sofitel, Senai, Johor, on 24-26.5.2004.
60. *Introduction To Technology Entrepreneurship And Enterprise Development Course*, Organised by HRD and RMC, Universiti Teknologi Malaysia, at Chemical Engineering Pilot Plant, UTM, Johor, on 20-22.7.2004.
61. *Current Trends In Human Resource Management*, Organised by SPACE, Universiti Teknologi Malaysia, at Rumah Alumni, UTM, Johor, on 7.10.2004.

62. *ASEAN Technical HRD Conference 2004*, Organised by Kolej Teknologi PPKS, Kuching Sarawak, at Hilton Hotel, Kuching, on 11-12.10.2004.
63. *SMI-OSH Workshop – Safe and Healthy Work Culture*, Organised by Malaysian Society For Occupational Safety And Health, MSOSH, at Putri Pan Pacific Hotel, Johor Bahru, 29-30.11.2004
64. *Conference On Engineering Education, CEE 2004*, Organised bySPACE, Universiti Teknologi Malaysia at Renaissance Hotel, Kuala Lumpur, 14-15.12. 2004.
65. *Bengkel Perancangan Aktiviti Fakulti 2005*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, at Pulau Spring Resort, Johor, on 7.2.2005.
66. *Bengkel Pengurusan Akademik Dan Kewangan*, Organised by School of Professional And Continuing Education (SPACE), Universiti Teknologi Malaysia, at Desaru Golden Beach Resort, Kota Tinggi, Johor, on 25-27.2.2005.
67. *Course on Supervision and Evaluation of Graduate Research (Engineering)*, Organised by HRD and SPS, Universiti Teknologi Malaysia, at Hotel Sofitel, Senai, Johor, on 4-5.4.2005.
68. *Pra Bengkel Penyediaan Dokumen Spesifikasi Program*, Organised by Centre of Teaching and Learning (CTL), Universiti Teknologi Malaysia, at Hotel Sofitel, Senai, Johor, on 12.4.2005.
69. *Program Kesihatan Mental Kanak-Kanak Dan Remaja Bersama Sukarelawan Sahabat Permai*, Organised by Hospital Permai Johor Bahru, at Hospital Permai, on 25.5.2005.
70. *Workshop on Internal Audit For Higher Education 2005*, Organised by Federation of Engineering Institutions of Islamic Countries (FEIIC) and Institute of Engineers, Malaysia (IEM), Kuching Sarawak, at Merdeka Palace Hotel, Kuching, on 9-10.6.2005.
71. *Kursus Kemahiran TolongBantu*, Organised by School of Professional And Continuing Education (SPACE), Universiti Teknologi Malaysia, at Century Mahkota Hotel, Melaka, on 17-19.6.2005.
72. *Bengkel ISO 9001:2000 Introduction & Documentation*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, at Hotel Sofitel, Senai, Johor, on 1-2.8.2005.
73. *Bengkel ISO 9001:2000 – Semakan Dokumen*, Organised by School of Professional And Continuing Education (SPACE), Universiti Teknologi Malaysia, at A'Famosa Resort, Melaka, on 7-10.8.2005.
74. *Bengkel ISO 9001:2000 Internal Audit*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, at Hotel Sofitel, Senai, Johor, on 10.8.2005.
75. *Bengkel Peningkatan Kualiti Laporan Ahli Panel Penilai Zon Selatan 3/05*, Organised by National Accreditation Board, at Putri Pan Pacific Hotel, Johor Bahru, on 27-29.9.2005.
76. *Kursus Asas Kemahiran Kaunseling Penasihat Akademik*, Organised by Universiti Teknologi Malaysia, at Pulau Spring Resort, Johor Bahru, on 24.11.2005.
77. *Bengkel Semakan ISO 9001:2000*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, at Riviera Bay Resort, Malacca, on 26-28.11.2005.
78. *Training The Trainer*, Organised by School of Professional And Continuing Education (SPACE), Universiti Teknologi Malaysia, at Rumah Alumni, on 1-2.12.2005.
79. *Bengkel Perancangan Aktiviti Tahunan FKA 2006*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, at Hotel Equatorial, Malacca, on 6-8.1.2006.
80. *Bengkel Islam Hadhari*, Organised by Faculty of Electrical Engineering, Universiti Teknologi Malaysia, at Rumah Alumni UTM, on 16.1.2006.
81. *CREDO Personality Profiling (CPP) Certification Workshop*, Organised by SPACE, Universiti Teknologi Malaysia, at Rumah Alumni UTM, on 8-9.3.2006.
82. *Bengkel Penyemakan Semula Perancangan Strategik SPACE UTM*, Organised by SPACE, Universiti Teknologi Malaysia, at A'Famosa Resort, Melaka, on 10-12.3.2006.
83. *Bengkel Peraturan Akademik SPACE UTM*, Organised by SPACE, Universiti Teknologi Malaysia, at Colmar Tropicale, Bukit Tinggi Resort, Pahang, on 2-4.4.2006.
84. *Bengkel Pemurnian Dokumen ISO 9001:2000*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, at Tanjung Putri Golf Resort, Johor, on 7-9.9.2006.
85. *ISO 9001:2000 QMS Lead Auditor Training*, Organised by Sirim Training Services Sdn Bhd, at Legend Hotel, Kuala Lumpur, on 18-22.9.2006.
86. *Kursus Audit Akademik*, Organised by HRD, Universiti Teknologi Malaysia, at Hyatt Regency Hotel and UTM, Johor, on 26-28.11.2006.
87. *Bengkel Pembangunan Kurikulum Program Pengajian Berkualiti di UTM*, Organised by CTL, Universiti Teknologi Malaysia, at Starhill Golf & Country Club, Johor, on 27-28.12.2006.
88. *Bengkel Latihan EAC (Siri 2)*, Organised by Engineering Accreditation Council, Board of Engineers Malaysia, at Seri Pacific Hotel, Kuala Lumpur, on 28-30.1.2007.
89. *Bengkel Penyemakan Semula Sistem Penggredan Markah Mata Pelajaran Di UTM*, Organised by CTL, Universiti Teknologi Malaysia, at Hotel Renaissance Melaka, Melaka, on 9-11.2.2007.
90. *Bengkel Perancangan Strategik 2007 FKA*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, at Corus Paradise Resort, Port Dickson, Negeri Sembilan, on 13-15.2.2007.
91. *Bengkel Pemasaran Program SPACE UTM*, Organised by SPACEUTM, Universiti Teknologi Malaysia, at Hotel Equatorial, Melaka, on 19-21.2.2007.
92. *Workshop on Key Performance Indicator ISO 9001:2000*, Organised by Total Organisation Management Consulting Sdn Bhd, Bangi, at Residence Hotel Bangi, Selangor, on 26-27.3.2007.
93. *Bengkel Audit Akademik FKSG*, Organised by HRD, Universiti Teknologi Malaysia, at Sofitel Hotel, Johor Bahru, on 7-8.1.2008.
94. *Bengkel Kewangan PSM SPACEUTM 2008*, Organised by SPACEUTM, Universiti Teknologi Malaysia, at Awana Genting Highland, Pahang, on 31.5-2.6.2008.

95. *Bengkel Dokumentasi Rangka Kuliah*, Organised by FKAUTM, Universiti Teknologi Malaysia, at FKA, on 10.6.2008.
96. *Bengkel Pemurnian Dokumen Permohonan Pengiktirafan Program Kejuruteraan Program Separuh Masa*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 16-19.4.2009.
97. *Bengkel Penyediaan Dokumen Audit Prestasi Akademik*, Organised by Universiti Teknologi Malaysia, on 15.5.2009.
98. *Kursus Rebranding Ke Arah IPT Terbilang*, Organised by HRD, Universiti Teknologi Malaysia, at Persada, Johor Bahru, on 1-3.7.2009.
99. *Bengkel ISO Pengemaskinian Dokumen*, Organised by Faculty of Civil Engineering, Universiti Teknologi Malaysia, on 24.7.2009
100. *Assessor Training For Programme Accreditation*, Organised by Malaysian Qualifications Agency (MQA), at Legend Hotel, Kuala Lumpur, on 27-28.7.2009.
101. *ASEAN Auditor Training For Institutional Audit*, Organised by Malaysian Qualifications Agency (MQA), at PWTC, Kuala Lumpur, on 4-6.8.2009.
102. *Kursus Dynamic Leadership*, Organised by Universiti Teknologi Malaysia, on 12-14.10.2009.
103. *Bengkel RMK-10*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 24-25.10.2009.
104. *Bengkel Perancangan Unit 2010*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 4-5.11.2009.
105. *Bengkel Transformasi UTMSPACE, KST & UPPK*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 13-15.11.2009.
106. *UTMSPACE Teambuilding Course*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 24-26.11.2009.
107. *Bengkel Agenda Transformasi UTMSPACE*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 5-7.12.2009.
108. *Bengkel Perancangan Aktiviti UTMSPACE 2010*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 20-22.12.2009.
109. *Bengkel Khas Hasil Pembelajaran*, Organised by Malaysian Qualifications Agency (MQA), at Hotel Crystal Crown, Petaling Jaya, on 30.3.2010.
110. *Bengkel Perancangan Pelan Pemasaran 2010*, Organised by UTMSPACE, Universiti Teknologi Malaysia, Port Dickson, on 2-3.7.2010.
111. *Bengkel Peraturan Akademik UTMSPACE*, Organised by UTMSPACE, Universiti Teknologi Malaysia, Cherating, Pahang, on 27-29.7.2010.
112. *Bengkel Garis Panduan Lawatan Validasi & Kualiti*, Organised by UTMSPACE, Universiti Teknologi Malaysia, Kota Kinabalu, Sabah, on 13-16.10.2010.
113. *Bengkel Guidelines to Good Practice – Open and Distance Learning*, Organised by MQA, Kuala Lumpur, on 23.11.2010.
114. *Kursus Etiket dan Protokol*, Organised by UTMSPACE, Universiti Teknologi Malaysia, Johor Bahru, on 29-30.11.2010.
115. *Bengkel Program Ijazah – Program Kerjasama*, Organised by UTMSPACE, Universiti Teknologi Malaysia, Kuala Lumpur, on 2-4.12.2010.
116. *Bengkel Kemaskini Dokumen Permohonan Pengiktirafan Program Kejuruteraan Pengajian Separuh Masa*, Organised by UTMSPACE, Johor Bahru, on 12-13 January 2011.
117. *Bengkel Penyediaan Surat Tawaran, Spesifikasi Kerja & Keterangan Kerja*, Organised by UTMSPACE, Johor Bahru, on 11-13 February 2011.
118. *Bengkel Pemurnian MQA01*, Organised by UTMSPACE, Johor Bahru, on 22 February 2011.
119. *Bengkel Kemahiran Ihsaniah FKA*, Organised by FKA, Johor Bahru, on 18 August 2011.
120. *Bengkel Program Pembangunan Kurikulum Siri 2 Jabatan Pengajian Kolej Komuniti*, Organised by UTMSPACE, Kuala Lumpur, on 17-20 Oktober 2011.
121. *Bengkel Strategik Program Pengajian Separuh Masa*, Organised by UTMSPACE, Negeri Sembilan, on 28-30 Oktober 2011.
122. *Bengkel UTMSPACE Strategic Retreat*, Organised by UTMSPACE, Pulau Pinang, on 8-10 November 2011.
123. *Bengkel Program Pembangunan Kurikulum Siri 3 Jabatan Pengajian Kolej Komuniti*, Organised by UTMSPACE, Kuala Lumpur, on 23-25 November 2011.
124. *Bengkel Program Pembangunan Kurikulum Siri 4 Jabatan Pengajian Kolej Komuniti*, Organised by UTMSPACE, Melaka, on 31 Jan.-3 Feb. 2012.
125. *Strategic Thinking Course*, Organised by Puncak Idea Seminar & Training, Langkawi Kedah, on 23-24 Feb. 2012.
126. *Course on Leadership Discourse Series III/2012*, Organised by HCD, UTM Johor Bahru, on 25 July 2012.
127. *Workshop on Effective Implementation on Student Centred Learning Techniques (Part I)*, Organised by CTL, UTM Johor Bahru, on 14-15 August 2012.
128. *Strategic Management Course*, Organised by UTMSPACE, Johor Bahru, on 3 September 2012.
129. *Course on UTMSPACE Service Handbook*, Organised by UTMSPACE, Johor Bahru, on 19 September 2012.
130. *Tebuilding (Management)*, Organised by UTMSPACE, Segamat Johor, on 22-24 September 2012.
131. *Course on HR UTMSPACE System*, Organised by UTMSPACE, Johor Bahru, on 11 Oktober 2012.
132. *Workshop on OBE-Programme Assessment Report for Centre of Part-Time Study*, Organised by UTMSPACE, Melaka, on 19-21 Oktober 2012.

133. *Workshop on Centre of Part-Time Study Strategic Retreat*, Organised by UTMSPACE, Pulau Pinang, on 30-31 Oktober 2012.
134. *Workshop on UTMSPACE Strategic Retreat*, Organised by UTMSPACE, Kuala Lumpur, on 8-10 November 2012.
135. *London International Conference on Education 2012*, Organised by Infonomics Society, London, on 19-22 November 2012.
136. *Global Outreach Programme Visit for Centre of Part-Time Study*, Organised by UTMSPACE, Korea Selatan, on 30 November-9 December 2012.
137. *Personal Enhancements and Turnaround Achievers*, Organised by UTMSPACE, Kuala Lumpur, on 8-9 January 2013.
138. *Workshop on Preparation Self Assessment Report for Engineering Program*, Organised by UTM, Johor, on 7 March 2013.
139. *Academic Governance Course*, Organised by UTM, Johor Bahru, on 9 March 2013.
140. *The National Seminar for MQA Assessors*, Organised by Malaysian Qualifications Agency, Johor Bahru, on 16 April 2013.
141. *Understanding Performance Management System (PMS) and Key Performance Indicator (KPI) Course*, Organised by CS HRM Services, Johor, on 25-26 April 2013.
142. *Outcome Based Education (OBE) Workshop for Post-Graduate*, Organised by UTM, Johor Bahru, on 8 May 2013.
143. *Workshop on Preparation Self Assessment Report for Part-Time Engineering Program*, Organised by UTM, Malacca, on 27-30 May 2013.
144. *Workshop on UTMSPACE Half Year Performance Reassessment*, Organised by UTMSPACE, Melaka, on 14-16 June 2013.
145. *Course on Therapy for Management*, Organised by UTMSPACE, Johor Bahru, on 12 September 2013.
146. *Workshop on Academician Promotion Issue*, Organised by FKA UTM, Shah Alam Selangor, on 24-26 November 2013.
147. *Workshop on Action Plan for Faculty of Civil Engineering 2014*, Organised by FKA UTM, Melaka, on 15-17 December 2013.
148. *UTMSPACE Exploration Program*, Organised by UTMSPACE, Melaka, on 28-29 December 2013.
149. *Key Performance Indicator Workshop*, Organised by UTMSPACE, Johor Bahru, on 13 January 2014.
150. *Brainstorming UTMSPACE Workshop*, Organised by UTMSPACE, Langkawi Kedah, on 26-28 February 2014.
151. *Global Outreach Programme Visit for Academic Manager of External Program*, Organised by UTMSPACE, Turki, on 30 March-8 April 2014.
152. *GST – How It Affects Your Business Course*, Organised by Malaysian Institute of Accountants, Johor Bahru, on 7 May 2014.
153. *Workshop on Academic For Academic Manager of Part-Time Program*, Organised by UTMSPACE, Malacca, on 17-19 June 2014.
154. *Workshop on Centre of Part-Time Study Strategic Retreat*, Organised by UTMSPACE, Johor Bahru, on 15 Oktober 2014.
155. *Workshop on UTMSPACE Strategic Retreat*, Organised by UTMSPACE, Johor Bahru, on 17-19 November 2014.
156. *Course on Internal Audit ISO 9001:2008*, Organised by FKA, Johor Bahru, on 18 August 2015.
157. *Course on Data Collection and Processing Using Robotic Total Station, RTK GPS And Laser Scanner*, Organised by FKA, Johor Bahru, on 12 October 2015.
158. *Course on OBE*, Organised by FKA, Johor Bahru, on 15 October 2015.
159. *Course on HIRARC Impementation (Introduction to Hazard, Risk Assessment and Risk Control) at Workplace*, Organised by FKA, Johor Bahru, on 16 November 2015.
160. *Workshop on Academic Advisor*, Organised by FKA, Johor Bahru, on 3 December 2015.
161. *Course on Valeport MIDAS Surveyor Digital Echo Sounder*, Organised by FKA, Johor Bahru, on 7 December 2015.
162. *Course on Introduction to Leica Flexline Plus Total Station*, Organised by FKA, Johor Bahru, on 16 December 2015.
163. *Workshop on Faculty Strategic Planning 2016*, Organised by FKA, Malacca, on 15-17 December 2015.
164. *Workshop on Syllabus Refinement of Undergraduate And Postgraduate Courses for Geotechnics and Transportation Department*, Organised by FKA, Johor Bahru, on 12 January 2016.
165. *Workshop on OBE*, Organised by FKA, Kuala Lumpur, on 31 January 2016.
166. *10th International Conference on Geotechnical And Transportation Engineering 2016 (Geotropika 2016)*, Organised by FKA, Kuala Lumpur, on 17-18 February 2016.
167. *Workshop on Research Proposal Writing (MOHE Grants) – FRGS Fund*, Organised by FKA, Johor Bahru, on 24 February 2016.
168. *Workshop on Writing of IP/Copyright*, Organised by FKA, Johor Bahru, on 7-8 March 2016.
169. *Workshop on Research Proposal Writing (MOSTI Grants) – eScience Fund*, Organised by FKA, Johor Bahru, on 31 March 2016.
170. *Course on Transition of Quality Management System, ISO 9001:2015*, Organised by TOMC, Johor Bahru, on 4-5 April 2016.

## **THESIS**

1. Seyed Mahdi Sajjadi, 'Multivariate Optimization of Highway Alignment Using Multi-Criteria Evaluation', Ph. D, UTM - Universiti Teknologi Malaysia, (2015).
2. Yutiar, 'Kelemahan Pengawalan Projek Binaan Dari Segi Keberkesanan Sumber Manusia Yang Terlibat', M. Sc. (Construction Management), UTM – Universiti Bung Hatta, (1999).
3. Khairulzan bin Yahya, 'Penilaian Terhadap Keupayaan Model Rangkaian Neural Bagi Meramal Permintaan Rumah Kos Rendah Kawasan Bandar Di Negeri Selangor'. Civil Eng. (Construction Management), UTM – Universiti Teknologi Malaysia, (2002).
4. Munzilah bt. Md. Rohani, 'Aplikasi Sistem Maklumat Geografi Dalam Pembangunan Pangkalan Data Lalu Lintas', M. Civil Eng. (Transportation and Traffic), UTM – Universiti Teknologi Malaysia, (2003).
5. Halinawati binti Hairol, 'Applikasi Perisian Sistem Maklumat Geografi ArcView Untuk Ramalan Aras Air Sungai: Kajian Kes Sungai Lui, Selangor', M. Civil Eng. (Hydraul and Hydrology), UTM – Universiti Teknologi Malaysia, (2003).
6. Fatimah Shafinaz binti Ahmad, 'Penggunaan Sistem Maklumat Geografi Untuk Meramal Keruntuhan Cerun di Pulau Pinang', M. Civil Eng. (Geotechnics), UTM – Universiti Teknologi Malaysia, (2004).
7. Irfan Ali Memon, 'Application of Geographic Information System In Transportation For Road Network Analysis', M. Eng. (Civil – Highway and Transportation), UTM – Universiti Teknologi Malaysia, (2005).
8. Wong Yng Jeng, 'Road Maintenance Management System using Geographic Information System', M. Eng. (Civil – Highway and Transportation), UTM – Universiti Teknologi Malaysia, (2011).
9. Izni Izzati binti Mohamad, 'Landfill Site Suitability Using Geographic Information System And Analytical Hierarchy Process', M. Eng. (Environment), UTM – Universiti Teknologi Malaysia, (2015).
10. Chik Maslinda binti Omar, 'A Spatio-Temporal Analysis of Shoreline Vegetation Response To Projected Sea Level Rise', M. Eng. (Offshore and Maritime), UTM – Universiti Teknologi Malaysia, (2016).
11. Mohd Aminul Izmeer bin Ab Ghafar, 'Seismic Vulnerability of Existing Building in Kundasang, Sabah, Malaysia', M. Eng. (Structure and Material), UTM – Universiti Teknologi Malaysia, (2016).
12. Nur 'Izzati Bt Ahmad Ramly, 'Geographic Information System For Seismic Vulnerability Assessment Of Existing Buildings In Bukit Tinggi, Pahang', M. Eng. (Structure and Material), UTM – Universiti Teknologi Malaysia, (2016).

## **FINAL YEAR PROJECT (UNDER GRADUATE)**

Supervised more than 70 under graduate students for Final Year Project.

## **ORIGINAL/TRANSLATION BOOK**

1. Translator: **Mohd. Zulkifli Mohd. Yunus** and Zulkarnaini Mat Amin, *Ukur Kejuruteraan Lanjutan - Masalah dan Penyelesaian*, Translation book published by Penerbit UTM Press, 1996 - National.
2. Translator: **Mohd. Zulkifli Mohd. Yunus** and Mohd. Razali Mahmud, *'Ukur Kejuruteraan - Masalah dan Penyelesaian'*, Translation book published by Penerbit UTM Press, 1997 - National.
3. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, *'Terabas Teodolit'*, Teaching Module, UTM, January 2001 - National.
4. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, *'Ukur Aras'*, Teaching Module, UTM, January 2001 - National.
5. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, *'Ukur Tekimetri'*, Teaching Module, UTM, February 2001 - National.

6. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, '*Pengkontoran*', Teaching Module, UTM, February 2001 - National.
7. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, '*Lengkungan Jalan*', Teaching Module, UTM, March 2001 - National.
8. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, '*Ukur Laluan*', Teaching Module, UTM, March 2001 - National.
9. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus** and Mohd. Zamri Ramli, '*Information Technology*', Teaching Module, UTM, 2004 – National.
10. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, '*GIS for Civil Engineers*', Teaching Module, UTM, 2004 – National.
11. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, '*Geographic Information System*', Teaching Module, UTM, 2005 – National.
12. Translator: **Assoc Prof. Dr. Mohd. Zulkifli Mohd. Yunus** and Assoc. Prof. Ir. Fatimah Mohd. Noor, '*Parenting Positif – 3P Program Parenting Positif Untuk Setiap Ibumama*', Translation book published by Hospital Permai Johor Bahru, 2005 - National.
13. Translator: **Assoc Prof. Dr. Mohd. Zulkifli Mohd. Yunus** and Assoc. Prof. Ir. Fatimah Mohd. Noor, '*Parenting Positif Untuk Ibumama Yang Mempunyai Remaja*', Translation book published by Hospital Permai Johor Bahru, 2005 - National.
14. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus** and Khairulzan Yahya, '*Alat Aras*', *Kata Masukan* for Encyclopedia Science and Technology (EST) published by Dewan Bahasa dan Pustaka 2006 - National.
15. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus** and Khairulzan Yahya, '*Staf Aras*', *Kata Masukan* for Encyclopedia Science and Technology (EST) published by Dewan Bahasa dan Pustaka 2006 - National.
16. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus** and Khairulzan Yahya, '*Orbit*', *Kata Masukan* for Encyclopedia Science and Technology (EST) published by Dewan Bahasa dan Pustaka 2006 - National.
17. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, '*Ujian Rantai*', *Kata Masukan* for Encyclopedia Science and Technology (EST) published by Dewan Bahasa dan Pustaka 2006 - National.
18. Author: **Assoc Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, '*Penggunaan Sistem Maklumat Geografi Dalam Siasatan Tanah Runtuh*', Research Monograph published by Penerbit UTM Press, 2009, ISBN 978-967-353-009-0 – National.
19. Author: Assoc. Prof. Ir. Dr. Ayob Katimon, **Assoc Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, '*Real-Time Flood Management Using GIS Approach*', Research Monograph published by Penerbit UTM Press, 2009, ISBN 978-967-353-133-2 – National.
20. Author: **Assoc Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, '*SMG Sebagai Alat Perkakasan Untuk Pengurusan Kawasan Tadahan Air*', Research Monograph published by Penerbit UTM Press, 2009, ISBN 978-967-353-143-1 – National.
21. Author: **Assoc Prof. Sr. Dr. Mohd. Zulkifli Mohd. Yunus** and Mohd Zamri Ramli, '*Global Outreach Program (GOP) Mahasiswa Program Pengajian Separuh Masa ke Korea Selatan 2011*', Book published by Penerbit FKA, UTM, 2011, ISBN 978-967-0194-04-2 – National.
22. Author: **Assoc. Prof. Dr. Mohd. Zulkifli Mohd. Yunus**, Mohd. Zamri Ramli and Baharin Mesir, '*Civil Engineering Information System*', Teaching Module, UTM, 2011, 2012, 2013, 2014, 2015 – National.

## **EXPERT REPORT**

1. Yearly Report for Faculty of Civil Engineering (2000)
2. Report for *Quality Award in Information Technology* (2001)
3. Documentation for '*Fail Meja Ketua Jabatan (Program Luar)*', version 2 (2004)
4. Report for *Accreditation (for Board of Engineers Malaysia) for FKA Bachelor Program (Part-Time)* (2005)
5. Documentation for *Study Skill Course* (2005)



6. Documentation for *OSHA Safety Requirement for Faculty of Civil Engineering* (2005)
7. Documentation for *ISO 9001:2000 (Examination Procedures)* (2005)
8. Documentation for *How To Get Yourself Employed Course for Faculty of Civil Engineering* (2006)
9. Documentation for *ISO Internal Audit SPACE* (2007)
10. Documentation for *CREDO Personality Profiling* (2007)
11. Report for *FKA Quality Assurance (for section on Educational Resources)* (2008)
12. Report for *ISO Internal Audit for Faculty of Civil Engineering* (2008, 2009, 2010, 2011)
13. Report for *Academic Performance Audit for Universiti Teknologi Malaysia* (2009, 2010)
14. Documentation for Centre of Part-Time Studies Budget Year 2011, UTMSPACE
15. Pre-Documentation for *Swaakreditasi for Universiti Teknologi Malaysia* (2011)
16. Documentation for Centre of Part-Time Studies Budget Year 2012, UTMSPACE
17. Documentation for *UTMSPACE Induction Course* (2011, 2012)
18. Documentation for Centre of Part-Time Studies Budget Year 2013, UTMSPACE
19. Senate Document: Part-Time Undergraduate Examination Result Semester 3 Session 2011/2012 (January 2013)
20. Senate Document: Part-Time Diploma Examination Result Semester 1 Session 2012/2013 (January 2013)
21. Senate Document: Part-Time Undergraduate Examination Result Semester 1 Session 2012/2013 (February 2013)
22. Senate Document: Part-Time Diploma Examination Result Semester 2 Session 2012/2013 (April 2013)
23. Senate Document: Part-Time Undergraduate Examination Result Semester 2 Session 2012/2013 (September 2013)
24. Senate Document: Part-Time Diploma Examination Result Semester 3 Session 2012/2013 (February 2013)
25. Senate Document: Part-Time Undergraduate Examination Result Semester 1 Session 2012/2013 (April 2013)
26. Senate Document: Courses Offer in Current Diploma and Bachelor Program by Module through Part-Time Program Implementation, UTM (Oktober 2013)
27. Senate Document: A Proposal of Academic Calendar of Session 2013/2014 for Part-Time Diploma Program, UTM (Jun 2013)
28. Senate Document: A Proposal of Academic Calendar of Session 2013/2014 for Part-Time Bachelor Program, UTM (Jun 2013)
29. Senate Document: A Proposal of Additional Entry Requirement for Part-Time Program, UTM (Ogos 2013)
30. Senate Document: Implication and Solution Proposal Related to Changes of Johor State Week End to Part-Time Program, Universiti Teknologi Malaysia (Jan. 2014)
31. Senate Document: A Proposal of Academic Calendar of Session 2014/2015 for Part-Time Diploma Program, UTM (May 2014)
32. Senate Document: A Proposal of Academic Calendar of Session 2014/2015 for Part-Time Bachelor Program, UTM (July 2014)
33. Documentation for Centre of Part-Time Studies Budget Year 2014, UTMSPACE
34. Senate Document: A Proposal for Amendment of Academic Regulations of Diploma and Bachelor Program, Part-Time Studies, UTM (December 2014)
35. Documentation for Centre of Part-Time Studies Budget Year 2015, UTMSPACE (November 2014)
36. Technical Report: Modeling Shoreline Vegetation Migration Due to Sea Level Rise on Kukup Island Channels, UTM (March 2015)

## REFEREED CONFERENCES

1. '*Contemporary Issues of Geographic Information System in Civil Engineering Practice*', Author: **Mohd. Zulkifli Mohd. Yunus** and Dr. David Parker (Newcastle University, UK), paper for Proceedings of the First Annual Malaysian Remote Sensing and GIS Conference, presented at Crown Princess Hotel, Kuala Lumpur, 25-27 November, 1996 – International.
2. '*GIS Approach to Civil Engineering Practice*', Author: **Dr. Mohd. Zulkifli Mohd. Yunus**, paper for Proceedings of the International Symposium on GIS/GPS, presented at Istanbul, Turkey, 15-19 September 1997 – International.

## **OTHER CONTRIBUTIONS**

### **CONSULTANCY SERVICES**

- 1) Feasibility Study on Coastal Protection Project in Selangor and Penang for Drainage and Irrigation Department (1990-91) - Civil engineering.  
*Scope of work : Providing survey data for subsurface soil investigation.*
- 2) Pre-feasibility Study on the Proposed Site for Tenaga Nasional Berhad Power Station in Lumut, Perak (1991-91) - Civil engineering.  
*Scope of work : Providing survey data for preliminary subsurface soil investigation.*
- 3) Tampoi River Project for Majlis Perbandaran Johor Bahru (1991-91) - Civil engineering.  
*Scope of Work : Determining locations of boreholes for soil investigation.*
- 4) Kuala Perlis to Kuala Sanglang Land Reclamation Project for Perlis Land Development Sdn. Bhd. (1992-92)- Civil engineering.  
*Scope of work : Determining locations of boreholes along the coast and offshore (15 km x 3 km) for soil investigation.*
- 5) Highway Detailing Survey Project from Skudai-Pontian Junction to Bandar Baru UDA, Tampoi, Johor (11 km) for JKR Johor Bahru (1992-93)- Land Survey.  
*Scope of work: Providing topographic data, longitudinal and cross-sectional data along the road for redesigning or pre-feasibility study of the proposal road/junction.*
- 6) Pre-Preparation of Tender Document for Bandar Maharani, Muar Flood Mitigation Project for Drainage and Irrigation Department (1993-93) - Civil engineering.  
*Scope of work: Preparation of Tender Document.*
- 7) Professional Consultancy Program for the Tenaga Nasional Berhad (1993-93)- Land survey.  
*Scope of work: Workshop facilitator and field course supervisor in topic of the "Automation in Surveying".*
- 8) Bukit Saujana Project in Johor Bahru (1993-93)- Land survey.  
*Scope of work: Providing reduced level data of boreholes at proposed location.*
- 9) Surau Project for Persatuan Ibu Bapa Guru Sekolah Menengah Kebangsaan Taman Universiti as Surveyor (July 2002) – Land survey. (Voluntary work)  
*Scope of work: Providing topographic data and setting out location for the design of proposed surau.*
- 10) Sahabat Permai – Hospital Permai Johor Bahru (2004) - Voluntary Consultancy service  
*Scope of work: Book Translation works.*
- 11) National Coastal Vulnerability Index – Phase 1 Project for Drainage and Irrigation Department (2006-2007) - GIS Specialist/Consultant  
*Scope of work: Providing NCVI-GIS database and NCVI mapping.*
- 12) CREDO Personality Profiling (2006 - present) – Consultant/Facilitator  
*Scope of work: Facilitator for CREDO Personality Profiling Training Course.*
- 13) Lead Assessor/Internal Auditor ISO 9001 (2006 - present) – Consultant/Facilitator  
*Scope of work: Consultant/Facilitator for ISO 9001.*
- 14) Outcome-Based Education (2008 - present) – Facilitator  
*Scope of work: Facilitator for Outcome-Based Education Training Course.*

- 15) Academic Audit (2008 - present) – Facilitator  
*Scope of work: Facilitator for Audit Academic Training Course.*
- 16) Study Skill (Adult Learning) (2005 - present) – Facilitator  
*Scope of work: Facilitator for Study Skill Course.*
- 17) How To Get Yourself Employed (2006 - present) –Facilitator  
*Scope of work: Facilitator for How To Get Yourself Employed Course.*
- 18) Tsunami Modelling and Impact Studies for North-West Coast of Peninsular Malaysia for Drainage and Irrigation Department (2008-2010) - GIS Specialist/Consultant  
*Scope of work: Providing TVI-GIS database and TVI mapping.*

## **ACADEMIC ASSESSORS**

### **a) Journal/Publication Assessor**

1. Assessor for 4<sup>th</sup> Asia-Pacific Structural Engineering & Construction Conference (APSEC2000) Technical Paper, 'GPS And GIS Technology Vehicle Navigation', 13-16 September 2000.
2. Assessor for 4<sup>th</sup> Asia-Pacific Structural Engineering & Construction Conference (APSEC2000) Technical Paper, 'GPSAD2000: A Software System For GPS Baseline Adjustment, Deformation Detection And Visualization Analysis', 13-16 September 2000.
3. Assessor Panel for Original Book Award, 'Asas Ukur Kejuruteraan' by Ab. Hamid Mohamed for 'Anugerah Hari Penerbitan Universiti, UTM 2000' – UTM, June 2001.
4. Assessor Panel for International Journal Article Award, 'Improving Area-based Matching by Using Surface Gradients in The Pixel Co-ordinate Transformation' by Assoc. Prof. Dr. Mushairry Mustaffar for 'Anugerah Hari Penerbitan Universiti, UTM 2002' – UTM, July 2002.
5. Article Assessor for Malaysian Journal of Civil Engineering, 'Application of GIS for Detecting Changes of Sungai Langat Channel' by Assoc. Prof. Dr. Zulkifli Yusop – UTM, May 2006.
6. Assessor for University Publication Award (Best Editor Award) 2007, by Assoc. Prof. Dr. Taher Buyong – *Spatial Statistics for Geographic Information Science*, April 2007.
7. Article Assessor for Journal of Science and Technology, PERTANIKA, 'Construction Technique and Solution of Problems for Jacking Twin Cell Box Culvert for Flood Mitigation in Malaysia' by JST-0117-2008 – UPM, May 2009.
8. Article Assessor for Journal of Science and Technology, PERTANIKA, 'Application of Natural Resources Conservation Service – Curve Number Method for Runoff Estimation with GIS in the Kardeh Watershed, Iran' by JST-0157-2009 – UPM, August 2009.
9. Article Assessor for Journal of Science and Technology, PERTANIKA, 'Static Response of a Typical Jacket Structure Subjected to Various Loading Conditions' by JST-0122-2008 – UPM, December 2009.
10. Assessor Panel for 'Anugerah Kualiti Akademik 2010' – Universiti Teknologi Malaysia, March 2011.
11. Assessor Panel for 'Anugerah Kualiti Akademik 2011' – Universiti Teknologi Malaysia, 2012.
12. Assessor for International Conference on Civil, Offshore & Environmental Engineering (ICCOEE2012) Technical Paper, 'Optimal Pipeline route selection using SDSS: Developing a framework for criteria weighting utilizing an ensemble technique', 12-14 June 2012.
13. Assessor for International Conference on Civil, Offshore & Environmental Engineering (ICCOEE2012) Technical Paper, 'Routing of road using Least-cost path analysis and Multi-criteria decision analysis in an uphill site Development', 12-14 June 2012.
14. Assessor for International Conference on Civil, Offshore & Environmental Engineering (ICCOEE2012) Technical Paper, 'Surface/Sub-surface Soil Moisture Modeling Using NOAA/AVHRR, LANDSAT/ETM+ Images and In-situ Measurements', 12-14 June 2012.
15. Assessor Panel for 'Anugerah Kualiti Akademik 2012' – Universiti Teknologi Malaysia, 2013.
16. Peer Reviewer for Journal of Science Research and Reports, JSRR, 'Spatio-Temporal Analysis of Road Accidents in Abuja, Federal Capital Territory (FCT), Nigeria Using Geographical Information System (GIS) Techniques' by MS:2013\_JSRR\_6325, August 2013.

17. Peer Reviewer for British Journal of Economics, Management & Trade, BJEMT, '*Adult Education: Discipline Still in Search of Definition, Focus, Recognition and Patronage-The Nigeria Experience*' by MS:2013\_BJEMT\_5839, August 2013.
18. Reviewer for Association of Scientists, Developers and Faculties (ASDF), since 2015.
19. Assessor Panel for Fundamental Research Grant Scheme (FRGS) Ministry of Education, Malaysia – FRGS 2015-1, Application ID: 59468 and 96616 (2015)
20. Reviewer and Technical Committee for Second International Conference on Systems, Science, Control, Communication, Engineering and Technology 2016 (ICSSCET 2016) Technical Paper, 18-19 March 2016
21. Reviewer for International Conference on Advanced Research on Business, Management and Humanities 2016 (ARBUHUM 2016) Technical Paper, 15-17 March 2016
22. Reviewer for 2016 2nd International Conference on Marine, Ocean and Environmental Sciences and Technologies (MAROCENET 2016) Technical Paper, 15-17 March 2016
23. Reviewer for Jurnal Teknologi 2016, Technical Paper, March 2016
24. Reviewer for 2016 2nd International Conference on Business, Management, Tourism and Hospitality (BIZMATOUR 2016) Technical Paper, 23-25 August 2016
25. Reviewer for 2016 Advancement on Informatics, Business and Management International Conference (ADIBUM 2016) Technical Paper, 20-22 September 2016
26. Reviewer for 2016 Education in Science, Technology and Social Science World Conference (EDUSTS 2016) Technical Paper, 20-22 September 2016
27. Reviewer for 2016 International Conference in Environmental and Civil Engineering Technology (ENVICET 2016) Technical Paper, 4-6 October 2016
28. Reviewer for 2016 International Conference on Business, Economics, Management, Social, Art and Humanities (BEMSAHIC 2016) Technical Paper, 4-6 October 2016
29. Reviewer for 2016 2nd International Conference on Herbal Science, Technology and Medicine (HERBSTEM 2016) Technical Paper, 18-20 October 2016
30. Reviewer for 2016 Advancement in Business, Economics and Management International Conference (BEAMIC 2016) Technical Paper, Phuket Thailand, 14-16 December 2016
31. Reviewer for 2016 International Conference on The Application of Science and Mathematics (SCIEMATHIC 2016) Technical Paper, Bali Indonesia, 29-30 November 2016
32. Reviewer for 2016 World International Conference on Islamic Sciences (WICOIS 2016) Technical Paper, Kuala Lumpur Malaysia, 5-7 December 2016
33. Editor for International Journal of Real Estates Studies (INTREST) since January 2016
34. Editor for MAYFEB Journal of Civil Engineering, Canada since May 2016
35. Editor for MAYFEB Journal of Engineering, Canada since May 2016
36. Reviewer for International Conference on Architecture and Civil Engineering 2017 (ICACE 2017) Technical Paper, Singapore, 10-12 March 2017

**b) MQA Assessor**

1. '*Kelulusan Pengendalian Kursus Pengajian: Diploma in Civil Engineering for Sabah Institute of Technology, Sabah*', June 2000.
2. '*Kelulusan Pengendalian Kursus Pengajian: Diploma in Civil Engineering for Institut Teknologi Jaya, Kuala Lumpur*', June 2000.
3. '*Perakuan Akreditasi Kursus Pengajian: Diploma in Civil Engineering for Kolej Ikram, Selangor*', (Chairman), November 2000.
4. '*Kelulusan dan Lawatan Pengendalian Kursus Pengajian: Diploma in Civil Engineering for Institut Teknologi Jaya, Kuala Lumpur*', December 2000.
5. '*Kelulusan dan Lawatan Pengendalian Kursus Pengajian: Diploma in Civil Engineering for Sabah Institute of Technology, Sabah*', February 2001.
6. '*Perakuan Akreditasi Kursus Pengajian: Diploma in Civil Engineering for INTI College, Sarawak*', June 2001.
7. '*Kelulusan Pengendalian Kursus Pengajian: Diploma in Civil Engineering for Sabah Institute of Technology, Sabah*', July 2002.
8. '*Kelulusan Pengendalian Kursus Pengajian: Diploma in Geographic Information System for Kolej Teknologi Geomatika, Kuala Lumpur*', April 2003.
9. '*Kelulusan Pengendalian Kursus Pengajian: Diploma in Geomatics Engineering and Global Positioning System for Kolej Teknologi Geomatika, Kuala Lumpur*', April 2003.

10. 'Kelulusan Pengendalian Kursus Pengajian: Diploma in Geographic Information System, Diploma in Geomatics Engineering and Global Positioning System and Diploma in Space Remote Sensing and Satellite for Kolej Teknologi Geomatika, Kuala Lumpur', (Chairman), April 2003.
11. 'Kelulusan Pengendalian Kursus Pengajian: Diploma in Civil Engineering for Institut Eksekutif, Kuching, Sarawak', October 2003.
12. 'Kelulusan Pengendalian Kursus Pengajian: Diploma in Civil Engineering for Sepang Institute of Technology, Kelang, Selangor', December 2003.
13. 'Perakuan Akreditasi Kursus Pengajian: UK Degree Transfer Programme – Civil Engineering for Kolej Inti Nilai, Negeri Sembilan', January 2004.
14. 'Kelulusan Pengendalian Kursus Pengajian: Doctor of Philosophy (Civil Engineering) for Curtin University of Technology, Sarawak Campus Malaysia', February 2004.
15. 'Kelulusan Pengendalian Kursus Pengajian: Twinning Degree Programme In Engineering (Civil) for Kolej Inti Nilai, Negeri Sembilan', July 2004.
16. 'Perakuan Akreditasi Kursus Bachelor of Information Technology (Hons) Information Systems Engineering for Universiti Multimedia (Cyberjaya)', September 2004.
17. 'Pemantauan Perakuan Akreditasi Kursus Pengajian: Diploma in Civil Engineering for KLIUC, Selangor', August 2005.
18. 'Perakuan Akreditasi Program Diploma in Geographic Information System for Kolej Teknologi Geomatika, Kuala Lumpur', March 2006.
19. 'Perakuan Akreditasi Program Diploma in Geomatics Engineering for Kolej Teknologi Geomatika, Kuala Lumpur', March 2006.
20. 'Perakuan Akreditasi Program Diploma in Civil Engineering for Institut Teknologi Pertama, Tampin, Negeri Sembilan', June 2006.
21. 'Kelulusan Pengendalian Program Pengajian: Master of Science in Enterprise Computing (Information Technology) (Technology Management) (Information Security & Computer Forensics) for UNITY College International, Petaling Jaya, Selangor', June 2006.
22. 'Perakuan Akreditasi Program Sarjana Muda Teknologi Maklumat (Kepujian) for Kolej Yayasan Melaka, Melaka', March 2007.
23. 'Perakuan Akreditasi Program Bachelor of Multimedia (Hons) for Kolej Universiti Teknologi Antarabangsa Twintech, Kuala Lumpur', April 2007.
24. 'Perakuan Akreditasi Program Bachelor of Applied Science (Information Technology) (2+1) for Taylor College Petaling Jaya, Selangor', June 2007.
25. 'Perakuan Akreditasi Program Diploma in Business with Information Technology for Asia Pacific Institute of Information Technology, APIIT, Kuala Lumpur', June 2007.
26. 'Kelulusan Pengendalian Program Pengajian: Master of Science – Computing in Collaboration with University of Wales, United Kingdom for UNITY College International, Petaling Jaya, Selangor', August 2007.
27. 'Perakuan Akreditasi Program Diploma in Geomatics Engineering for Kolej Teknologi Geomatika, Kuala Lumpur', September 2007.
28. 'Perakuan Akreditasi Program Bachelor of Information Technology (Hons) for Sunway University College', Petaling Jaya, September 2007.
29. 'Perakuan Akreditasi Program Bachelor of Information Systems (Hons) for Sunway University College', Petaling Jaya, September 2007.
30. 'Kelulusan Pengendalian Program Pengajian: Doctor of Philosophy' – Informatics for Malaysia University of Science and Technology (MUST), Petaling Jaya, Selangor', October 2007.
31. 'Perakuan Akreditasi Program Bachelor of Information Technology (Hons) for Open Universiti', Kuala Lumpur, February 2008.
32. 'Perakuan Akreditasi Program Bachelor of Information Technology (Hons) in Business Information Technology for Kolej Universiti Teknologi Antarabangsa Twintech', Kota Bharu, February 2008.
33. 'Pembaharuan Kelulusan Pengendalian Program Pengajian: Program Diploma in Geographic Information System for Kolej Teknologi Geomatika, Kuala Lumpur', October 2008.
34. 'Perakuan Akreditasi Program Diploma in Geographic Information System for Kolej Teknologi Geomatika, Kuala Lumpur', November 2008.
35. 'Perakuan Akreditasi Program Diploma in Civil Engineering for Kolej Universiti INTI, Negeri Sembilan', March 2010.
36. 'Perakuan Audit Pematuhan Program Diploma in Geomatic Engineering for Kolej Universiti Geomatika, Kuala Lumpur', March 2016.

37. 'Perakuan Audit Pematuhan Program Diploma in Geographic Information System for Kolej Universiti Geomatika, Kuala Lumpur', March 2016.
38. 'Perakuan Akreditasi Program Master of Science in Civil Engineering for Kolej Universiti Linton, Negeri Sembilan', April 2016.

## **FACILITATORS**

1. Facilitator for *Bengkel Audit Dalaman ISO 9001:2000 SPACE UTM*, Organised by SPACEUTM, Universiti Teknologi Malaysia, at Hotel Renaissance Melaka, Melaka, on 26-28.2.2007.
2. Facilitator for *GIS/NCVI Database and Mapping System Course*, Organised by Institut Kejuruteraan Pantai & Lepas Pantai, Universiti Teknologi Malaysia, at Universiti Teknologi Malaysia, Johor, on 26-27.2.2008.
3. Facilitator for *Bengkel Proses Kerja Pengurusan Akademik Fakulti Kejuruteraan Mekanikal*, Organised by FKM, Universiti Teknologi Malaysia, at Glory Beach Resort, Port Dickson, on 18-20.4.2008.
4. Facilitator for *In House Course: ISO 9001:2000 Awareness Programme*, Organised by FKA, Universiti Teknologi Malaysia, at UTM Skudai, on 18.6.2008.
5. Facilitator for *Bengkel Kaedah Penilaian Akademik dan Audit Program Eksekutif*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 3-4.4.2009.
6. Facilitator for *Bengkel Buku Panduan Akademik IEC dan Foundation Program*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 10-12.8.2009.
7. Facilitator for *Bengkel Sistem e-Teams UPeX*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 18-19.11.2009.
8. Facilitator for *Bengkel Peraturan Akademik Program Eksekutif*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 23.12.2009.
9. Facilitator for *Bengkel Training The Trainers for Outcome-based Education (OBE) Program Eksekutif*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 1.2.2010.
10. Facilitator for *Bengkel Outcome-based Education (OBE) Program Eksekutif*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on 22-23.2.2010.
11. Facilitator for *Degree ++ Programme: ISO 9001:2008 Quality Management System*, Organised by UTMSPACE, Universiti Teknologi Malaysia, on (2010, 2011, 2012).
12. Facilitator for *Overview of Outcome-Based Education*, Organised by CTL, UTM, at Palm Resort Golf & Country Club, Senai, Johor, on 14-15 April 2010.
13. Facilitator for *Bengkel Merangka Kalendar IEC dan IPC dan Buku Panduan Akademik*, Organised by UTMSPACE, at Desaru, Johor, on 28-29 April 2010.
14. Facilitator for *Bengkel Perancangan Hala Tuju dan Pengurusan Staf Program Diploma Sepenuh Masa UTMSPACE 2010*, Organised by UTMSPACE, at Port Dickson, Negeri Sembilan, on 21-23 May 2010.
15. Facilitator for *Bengkel Pemurnian Dokumen Program Eksekutif untuk Kelulusan MQA*, Organised by UTMSPACE, at Desaru, Johor, on 1-3 June 2010.
16. Facilitator/Instructor for *Tsunami Vulnerability Index (TVI) using GIS Workshop*, Tsunami Modelling and Impact Studies for the North-West Coast of Peninsular Malaysia Project, Organised by Institut Kejuruteraan Pantai & Lepas Pantai, UTM, at UTMIC Kuala Lumpur, on 15 July 2010.
17. Facilitator for *Programme Specification UTMSPACE Workshop*, Organised by UTMSPACE, at Shah Alam, Selangor, on 16-18 July 2010.
18. Facilitator for *GIS Short Course for Faculty of Civil Engineering Post-Graduate*, Organised by UTM, at UTMJB, on 9 August 2010.
19. Facilitator for *Bengkel Kemaskini Dokumen Permohonan Pengiktirafan Program Kejuruteraan Pengajian Separuh Masa*, Organised by UTMSPACE, at Paragon Hotel, Johor Bahru, on 12-13 January 2011.
20. Speaker for *'UTM Train and Place Graduate Marketability Course'*, Organised by UTMSPACE, at UTMJB, on 23-24 May 2011.
21. Speaker and Facilitator for *'Kursus OBE untuk Staf Bukan Akademik UTM'*, Organised by CTL, UTM, at UTMJB, on 26 July 2011.
22. Speaker for *'Adult Learning Course'*, Organised by UTMSPACE, at UTMJB, on 28 July 2011.
23. Speaker for *Kursus Orientasi dan Induksi Staf Baru UTMSPACE'*, Organised by UTMSPACE, Johor Bahru (2011, 2012).
24. Facilitator for *Program Pembangunan Kurikulum Siri 2 Jabatan Pengajian Kolej Komuniti*, Organised by UTMSPACE, at Flamingo Hotel, Ampang, on 17-20 Oktober 2011.

25. Facilitator for *Program Pembangunan Kurikulum Siri 3 Jabatan Pengajian Kolej Komuniti*, Organised by *UTMSPACE*, at Swiss Garden Hotel, Kuala Lumpur, on 23-25 November 2011.
26. Speaker for '*Kursus Pasukan Pameran 2012 UTMSPACE*', Organised by *UTMSPACE*, at UTMJB, on 5 January 2012.
27. Speaker and Facilitator for '*Kursus Pemasaran Untuk Staf UTM*', Organised by HCD UTM, at UTMJB, on 10 January 2012.
28. Speaker for '*Adult Learning Course*', Organised by *UTMSPACE*, at UTMKL, on 11 Jan 2012
29. Facilitator for *Program Pembangunan Kurikulum Siri 4 Jabatan Pengajian Kolej Komuniti*, Organised by *UTMSPACE*, at Hotel Equatorial, Melaka, on 31 Jan.-3 Feb. 2012.
30. Speaker for *UTM Education Marketing Exhibition Course*, Organised by UTM, Johor, on 23 Jan. 2013.
31. Facilitator for *Marketing Workshop for Centre of Part-Time Studies*, Organised by *UTMSPACE*, Johor, on 25-27 Jan. 2013.
32. Facilitator for *Strategic Planning Workshop for Centre of Part-Time Studies*, Organised by *UTMSPACE*, Johor, on 11-13 March 2013.
33. Facilitator for *Review on UTM Part-Time Program Entry Requirement*, Organised by *UTMSPACE*, Malacca, on 25-27 March 2013.
34. Facilitator for *Workshop on Preparation Self Assessment Report for Part-Time Engineering Program*, Organised by *UTMSPACE*, Johor, on 27-30 May 2013.
35. Facilitator for *Marketing Workshop for Centre of Part-Time Studies*, Organised by *UTMSPACE*, Johor, on 6-8 Jan. 2014.
36. Facilitator for *Strategic Planning Workshop for Centre of Part-Time Studies*, Organised by *UTMSPACE*, Morib, Selangor, on 5-7 February 2014.
37. Facilitator for *Workshop on Academic For Academic Manager of Part-Time Program*, Organised by *UTMSPACE*, Malacca, on 17-19 June 2014.
38. Facilitator for *Workshop on Centre of Part-Time Study Strategic Retreat*, Organised by *UTMSPACE*, Johor Bahru, on 15 Oktober 2014.
39. Facilitator for *UTM Professional Skills Certificate Programme: ISO 9001:2008 Quality Management System*, Organised by *UTMSPACE*, Universiti Teknologi Malaysia, on 2015.
40. Facilitator for *Course on Interpretation and Understanding of ISO 9001:2008 and a Comprehensive Approach of Internal Auditing*, TLDM Lumut Perak, Organised by *UTMSPACE*, Universiti Teknologi Malaysia, on 19-20 May 2015.
41. Facilitator for *Course on Internal Audit ISO 9001:2008 Quality Management System*, Organised by FKA, Universiti Teknologi Malaysia, on 18 August 2015.
42. Facilitator for *Course on ISO 9001:2008 Quality Management System To FKA Top Management*, Organised by FKA, Universiti Teknologi Malaysia, on 18 October 2015.
43. Facilitator for *UTM Professional Skills Certificate Programme: ISO 9001:2008 Quality Management System*, Organised by *UTMSPACE*, Universiti Teknologi Malaysia, on 2016.

## **REFERENCES**

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