

CURRICULUM VITAE



Assoc. Prof. Dr. Ahmad Fauzi bin Mohd Ayub

A. BUTIR-BUTIR PERIBADI (<i>Personal Details</i>)			
Nama Penuh (<i>Full Name</i>)	Ahmad Fauzi Mohd Ayub		Gelaran (<i>Title</i>): Assoc. Prof. Dr.
No. MyKad / No. Pasport (<i>Mykad No. / Passport No.</i>)	Warganegara (<i>Citizenship</i>) Malaysia	Bangsa (<i>Race</i>) Malay	Jantina (<i>Gender</i>) Male
Jawatan (<i>Designation</i>)	Pensyarah	Tarikh Lahir (<i>Date of Birth</i>)	21.4.1968

Alamat Semasa (<i>Current Address</i>)	Jabatan/Fakulti (<i>Department/Faculty</i>)	E-mel dan URL (<i>E-mail Address and URL</i>)
	Department of Foundations of Education Faculty of Educational Studies Universiti Putra Malaysia Tel: 03-89467913 Fax:	E-mail:afmy@upm.edu.my

B. KELAYAKAN AKADEMIK (<i>Academic Qualification</i>)			
Nama Sijil / Kelayakan (<i>Certificate / Qualification obtained</i>)	Nama Sekolah Institusi (<i>Name of School / Institution</i>)	Tahun (<i>Year obtained</i>)	Bidang pengkhususan (<i>Area of Specialization</i>)
Sijil Penilaian Darjah lima	Sekolah Rendah Seri Bandar	1980	
Sijil Rendah Pelajaran	Sekolah Tinggi Melaka	1983	
Sijil Pelajaran malaysia	Sekolah Menengah Teknik	1985	
Diploma	Universiti Pertanian Malaysia	1989	Sains Komputer
Bachelor (Bac Sc. (Hons))	Universiti Pertanian Malaysia	1992	Matematik
Diploma	Universiti Teknologi Malaysia	1994	Pendidikan
Master	Universiti Teknologi MARA	1998	Teknologi Maklumat
PhD	Universiti Kebangsaan Malaysia	2008	Sains Maklumat

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN*(Scientific experience and Specialisation)*

<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
Pusat Pengajian Matrikulasi UPM	Guru Sains	1994	2000	Pengajaran
Fakulti Pengajian Pendidikan	Tutor	2001	2002	Penyelidikan/pengajaran
Fakulti Pengajian Pendidikan	Pensyarah	2003		Penyelidikan/pengajaran
Fakulti Pengajian Pendidikan	Prof. Madya	2014		Penyelidikan / pengajaran

G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published)

<i>Journal</i>	
	<ol style="list-style-type: none"> 1. Hajar Ghadirian, Keyvan Salehi & Ahmad Fauzi Mohd Ayub (2018). Analyzing the Social Networks of High-and Low-Performing Students in Online Discussion Forums. <i>American Journal of Distance Education</i>, 32(1), 27-42. 2. Ghadirian, H., Salehi, K. & Ayub, A.F.M. (2018). Social annotation tools in higher education: a preliminary systematic review. <i>Int. J. Learning Technology</i>, 13(2), 130–162. 3. Fatimah Ramli, Ahmad Fauzi Mohd Ayub, & Nur Raidah Salim (2018). Effectiveness of problem based learning strategy towards solving higher and lower order questions among secondary school students. <i>AIP Conference Proceedings</i> 1974, 040023 (2018). 4. Kathiresan Gopal, Nur Raidah Salim & Ahmad Fauzi Mohd Ayub (2018) The influence of attitudes towards statistics on statistics engagement among undergraduate students in a Malaysian public university. <i>AIP Conference Proceedings</i> 1974, 050004 (2018). 5. Nur Raidah Salim, Kathiresan Gopal, & Ahmad Fauzi Mohd Ayub (2018). The influence of statistics self-efficacy towards statistics engagement among undergraduate students. <i>AIP Conference Proceedings</i> 1974, 050005 (2018). 6. Hajar Ghadirian, Ahmad Fauzi Mohd Ayub & Keyvan Salehi (2017). Students' perceptions of online discussions, participation and e-moderation behaviours in peer- moderated asynchronous online discussions. <i>Technology, Pedagogy and Education</i>, DOI: 10.1080/1475939X.2017.1380695. 7. Norhafizah Ismail, Ahmad Fauzi Mohd Ayub, Aida Suraya Md Yunus, & Habibah Ab. Jalil (2017). Utilising CIDOS LMS in technical higher education: The influence of compatibility roles on consistency of use. <i>Advanced Science Letters</i>, 23(8), 7783–7787 8. Ahmad Fauzi Mohd Ayub, Syaza Hazwani Zaini, Wong Su Luan & Wan Marzuki Wan Jaafar (2017). The influence of mobile self-efficacy, personal innovativeness and readiness towards students' attitudes towards the use of mobile Apps in learning and teaching. <i>International Journal of Academic Research in Business and Social Sciences</i>. 7, 364-374. 9. Hajar Ghadirian & Ahmad Fauzi Mohd Ayub (2017). Peer moderation of asynchronous online discussions: An exploratory study of peer e-moderating behaviour. <i>Australasian Journal of Educational Tehnology</i>. 33(1), 1 – 18.

10. Tahereh Kaboodvand, **Ahmad Fauzi Mohd Ayub**, Aida Suraya Md Yunus & Rosnaini Mahmud (2017). Literature review on peers' ICT support, teachers' ICT support and family involvement on students' engagement in ICTs for learning mathematics among Iranian secondary school students. *International Journal of Academic Research in Business and Social Sciences*. 7, 348-363.
11. Wan Nurul Nazirah Meor Zamani & **Ahmad Fauzi Mohd Ayub** (2017). The development of sighthearth: a gamified serious game training tool for analytical skills and values internalization. *International Journal of Academic Research in Business and Social Sciences*. 7, 463-471.
12. Harisa Hawafi, Siti Aishah Hassan & **Ahmad Fauzi Mohd Ayub** (2017). The reliability analysis for Malaysian internet and sexual activities inventory and its practical implication. *International Journal of Academic Research in Business and Social Sciences*. 7, 719-727.
13. Siti Aishah Hassan, **Ahmad Fauzi Mohd Ayub**, Harisa Hawafi & Soudabeh Ghoroghi (2017). Who engaged more online sexual activities, younger or older adult? Implication for marital, couple and family counseling. *International Journal of Academic Research in Business and Social Sciences* 7, 728-736
14. Siti Aishah Hassan, **Ahmad Fauzi Mohamad Ayub** & Kaseh Abu Bakar (2017). Rasch Model Analysis for Malaysian Internet and Sexual Activities Inventory. *International Journal of Academic Research in Business and Social Sciences*. 7, 711-718
15. Baleghi-Zadeh, S., **Ayub, A. F. M.**, Mahmud, R., & Daud, S. M. (2017) The influence of system interactivity and technical support on learning management system utilization. *Knowledge Management & E-Learning*, 9(1), 50–68.
16. **Ahmad Fauzi Mohd Ayub**, Aida Suraya Md. Yunus, Rosnaini Mahmud, Nur Raidah Salim, & Tajularipin Sulaiman (2017) Differences in students' mathematics engagement between gender and between rural and urban schools. *AIP Conference Proceedings* 1795, 020025 (2017)
17. Tajularipin Sulaiman, Suresh Kumar a/l Kuppusamy, **Ahmad Fauzi Mohd Ayub**, & Suzieleez Syrene Abdul Rahim (2017). Relationship between critical thinking disposition and teaching efficacy among special education integration program teachers in Malaysia. *AIP Conference Proceedings*. 1795, 020027 (2017)
18. Aisha Aminu Daneji, **Ahmad Fauzi Mohd Ayub**, Wan Marzuki Wan Jaafar, Mas Nida Md. Khambari (2017). Influence of Students' Perceived Ease of Use, Perceived Usefulness and Time Spent Towards Students' Continuance Intention Using MOOC Among Public University Students. *Advances in Social Science, Education and Humanities Research*, 115, 264 – 268
19. Nur Raidah Salim & **Ahmad Fauzi Mohd Ayub** (2017). Relationship between mathematics statistics engagement and attitudes towards statistics among undergraduate students in Malaysia. *AIP Conference Proceedings*. 1795, 020026 (2017).
20. Soudabeh Ghoroghi, Siti Aishah Hassan & **Ahmad Fauzi Mohd Ayub** (2017). The Influence of Religiosity and Risk Taking on Cybersex Engagement among Postgraduate Students: A Study in Malaysian Universities. *International Journal of Social Science and Humanity*, 7(3) March 2017. 143 – 152.
21. Hajar Ghadirian & **Ahmad Fauzi Mohd Ayub** (2017). Peer moderation of asynchronous online discussions: An exploratory study of peer e-moderating behaviour. *Australasian Journal of Educational Technology*, 33(1). 1 – 18
22. Hassan Mirzajani , Rosnaini Mahmud , **Ahmad Fauzi Mohd Ayub** , Su Luan Wong (2016). Teachers' acceptance of ICT and its integration in the classroom, *Quality*

Assurance in Education, 24(1), 26 – 40.

23. Marsilah Anum Marham, **Ahmad Fauzi Mohd Ayub** & Rohani Ahmad Tarmizi (2016) Keterlibatan Murid Kolej Vokasional Berpencapaian Rendah Dalam Pengajaran Dan Pembelajaran Matematik Menerusi Pendekatan 'Q-Methodology'. *Jurnal Pendidikan Sains & Matematik Malaysia*, 6(1), 41 – 57
24. Liz Aliza Awang, Rohani Ahmad Tarmizi & **Ahmad Fauzi Mohd Ayob** (2016) Keberkesanan Penggunaan Pengaturcaraan Logo Terhadap Pencapaian Matematik Murid Tingkatan Dua Bagi Topik Geometri. *Jurnal Pendidikan Sains & Matematik Malaysia*. 6(1), 1 – 12.
25. Nurul Hafiza Ismail, **Ahmad Fauzi Mohd Ayub** & Wong Su Luan (2016). The Relationship Between Internet Access Frequency, Attitudes Towards The Internet And Internet Self-Efficacy and Behaviour Intention In Using The Internet Among Secondary School Students. *International Journal of Education and Training (Injet)* 2(1) June: 1- 8 (2016).
26. Su Luan Wong, Kamariah Abu Bakar, **Ahmad Fauzi Mohd Ayub** & Zaidatul Akmaliah Lope Pihie (2016). University Faculty Members' Attitudes Towards Student Centred Learning. *International Journal Of Education And Training (Injet)* 2(1),1- 8 (2016).
27. Hajar Kamalimoghaddam, Rohani Ahmad Tarmizi, **Ahmad Fauzi Mohd Ayub** & Wan Marzuki Wan Jaafar (2016) The influences of mathematics beliefs on mathematics achievement through mathematics self-efficacy: A structural equation model. *CMMA*, 1(1), 44-51 (2016).
28. Hajar Ghadirian, **Ahmad Fauzi Mohd Ayub**, Kamariah Binti Abu Bakar, and Maryam Hassanzadeh (2016). Growth patterns and E-Moderating Supports in Asynchronous Online Discussions in an Undergraduate Blended Course. *International Review of Research in Open and Distributed Learning*. 17(3), 189 – 208.
29. Hajar Ghadirian, **Ahmad Fauzi Mohd Ayub**, Abu Daud Silong, Kamariah Abu Bakar & Maryam Hosseinzadeh (2016). Group Awareness in Computer-Supported Collaborative Learning Environments. *International Education Studies*. 9(2) 120 – 131
30. **Ahmad Fauzi Mohd Ayub**, Kamariah Abu Bakar, and Rohayati Ismail (2015). Factors predicting teachers' attitudes towards the use of ICT in teaching and learning. *AIP Conference Proceedings*. 030010 (2015), 682.
31. Nadia Hidayah Mohd Ariffin, **Ahmad Fauzi Mohd Ayub** & Wan Marzuki Wan Jaafar (2015). Hubungan antara Sikap Terhadap Komputer dengan Efikasi Swadiri Komputer dalam kalangan Murid Melayu di Kelantan. *Mahawangsa*, 2(2), 31 – 48
32. Isiyaku Dauda Dansarki, **Ahmad Fauzi Mohd Ayub** & Suhaida Abdul Kadir (2015). Hypothetical Prediction of ICT Usage Behaviour Among Business Education Teachers In Nigerian Colleges Of Education. *Australian Journal of Sustainable Business and Society*.1(2), 33-40.
33. Dauda Dansarki Isiyaku, **Ahmad Fauzi Mohd Ayub** & Suhaida Abdulkadir (2015). Empirical modeling of information communication technology usage behaviour among business education teachers in tertiary colleges of a developing country. *South African Journal of Education*. 35(4), 1- 14.
34. Afizal Md Sahir & **Ahmad Fauzi Mohd Ayub** (2015). Keberkesanan Penggunaan Video dalam Amali Masakan. *International Journal of Education and Training (InjET)*. 1(2) November, 1 – 8.
35. Jalal, A.A. **Ayub, A.F.M.** Tarmizi, R.A. Abu Bakar, K. (2015). Assessing teachers' attitude and use of laptops for teaching and learning among primary school

- mathematics teachers. IEEE International Conference on Research and Education in Mathematics (ICREM7). 160 – 164.
36. Abu Bakar, K., **Ayub, A.F.M.** & Mahmud, R. (2015). Effects of GeoGebra towards students' Mathematics performance. IEEE International Conference on Research and Education in Mathematics (ICREM7). 180 – 183.
 37. Shayeshteh Hashemyolia, **Ahmad Fauzi Mohd Ayub** & Zahra Moharrer (2015). The Effectiveness of Multimedia Language Courseware on Secondary School Students' Motivation for learning English. *Mediterranean Journal of Social Sciences*. 6(6), 567 – 571.
 38. Kamariah Abu Bakar, **Ahmad Fauzi Mohd Ayub**, Rohani Ahmad Tarmizi, and Wong Su Luan (2015). Effect of teaching mathematics using GeoGebra on students' with dissimilar spatial visualisation . AIP Conference Proceedings. 1682, 1- 5.
 39. Tajularipin Sulaiman, **Ahmad Fauzi Mohd Ayub** & Suriati Sulaiman (2015). Curriculum Change in English Language Curriculum Advocates Higher Order Thinking Skills and Standards-Based Assessments in Malaysian Primary Schools. *Mediterranean Journal of Social Sciences*. 6(2), 494 -500.
 40. Hassan Mirzajani, Rosnaini Mahmud , **Ahmad Fauzi Mohd Ayub** & Wong Su Luan (2015). A Review of Research Literature on Obstacles that Prevent Use of ICT in Pre-Service Teachers' Educational Courses. *International Journal of Education & Literacy Studies*. 3(2), 25-31.
 41. Tan Tong Hock, Yunus, A.S.M., Tarmizi, R.A., **Ayub, A.F.M.** (2015) Understanding Primary School teachers' perspectives of teaching and learning in geometry: Shapes and Spaces. IEEE International Conference on Research and Education in Mathematics (ICREM7). 154-159.
 42. Saadati F, Ahmad Tarmizi R, **Mohd Ayub AF**, Abu Bakar K (2015). Effect of Internet-Based Cognitive Apprenticeship Model (i-CAM) on Statistics Learning among Postgraduate Students. PLoS ONE. 10(7), -16.
 43. Farzaneh Saadati, Rohani Ahmad Tarmizi, **Ahmad Fauzi Mohd Ayub** & Kamariah Abu Bakar (2015). Managing Internet-Based Tutorial Module To Support Statistics Learning Among Postgraduate Students: Learners' Needs Analysis. *Jurnal Pendidikan Sains & Matematik Malaysia*. 5(1), 1 – 17.
 44. Shayesteh Hashemyolia, Azizan Asmuni, **Ahmad Fauzi Mohd Ayub**, Shaffe Mohd Daud & Jasmin Arif Shah (2015). Motivation to Use Self-Regulated Learning Strategies in Learning Management System amongst Science and Social Science Undergraduates. *Asian Social Science*. 11(3), 49 – 56.
 45. Shayesteh Hashemyolia, Azizan Asmuni, **Ahmad Fauzi Mohd Ayub** & Shaffe Mohd Daud (2015). Perceived Learning Management Quality Predictors to Motivation and Use of Self-Regulated Learning Strategies. *Mediterranean Journal of Social Sciences*. 6(2), 428 – 436.
 46. Norzaliza Alis, Wan Marzuki Wan Jaafar & **Ahmad Fauzi Mohd Ayob** (2015). The Reliability of "Learning Environment Preferences" Inventory in the Malaysian Context. *Elixir Psychology*. 78. (2015), 29769-29772.
 47. Tan Tong Hock, Rohani Ahmad Tarmizi, Aida Suraya Md. Yunus & **Ahmad Fauzi Ayub** (2015). Understanding the Primary School Students' van Hiele Levels of Geometry Thinking in Learning Shapes and Spaces: A Q- Methodology. *Eurasia Journal of Mathematics, Science & Technology Education*. 11(4), 505-514.
 48. Norlizah Che Hassan, Fathiyah Mohd Fakhrudin, **Ahmad Fauzi Mohd Ayub**, Lukman Abd Mutalib, Wan Marzuki Wan Jaafar (2015). Tahfiz Schools Entry Requirement And Characteristics of Tahfiz Students. *International E-Journal of Advances in Education*. 1(3), 234 – 241

49. Sousan Baleghi-Zadeh, Ahmad Fauzi Mohd Ayub, Rosnaini Mahmud, & Shaffe Mohd Daud (2014). Learning Management System Utilization among Malaysian Higher Education Students: A Confirmatory Factor Analysis. *Journal of Education & Human Development*, 3(1), 369-386
50. Shayeshteh Hashemyolia & Ahmad Fauzi Mohd Ayub (2014). The Effects of Utilizing English Language Courseware on Secondary School Students' Performance in Iran. *Journal of Educational and Social Research*, 4(3), 71 – 78.
51. Ahmad Fauzi Mohd Ayub, Rohani Ahmad Tarmizi, Kamariah Abu Bakar & Wong Su Luan (2014). Adoption of Wxmaxima Software in The Classroom: Effect on Students' Motivation and Learning of Mathematics. *Malaysian Journal of Mathematical Sciences*, 8(2), 311-323
52. Sunita Prvinchandar & **Ahmad Fauzi Mohd Ayub** (2013) The effects of StyleWriter towards Student Motivation in English Writing Assessments. Proceedings of the 21st International Conference on Computers in Education. Indonesia: Asia-Pacific Society for Computers in Education.
53. Jazihan Mahat, **Ahmad Fauzi Mohd Ayub** & Su Luan, Wong (2013). Factors influence the acceptance of m-Learning in Malaysia: Perceived Usefulness, Perceived Ease of Use and Attitude. Proceedings of the 21st International Conference on Computers in Education. Indonesia: Asia-Pacific Society for Computers in Education.
54. Tahereh Kaboodv & **Ahmad Fauzi Mohd Ayub** (2013) Causes of poor math education in Iran and Solutions for Improving Based on Other Countries Experience. *J. Appl. Environ. Biol. Sci.*, 3(10), 153-159
55. Syaza Hazwani Zaini and Ahmad Fauzi Mohd Ayub (2013). Exploring Social Presence in Online Forums among Distance Learners. *Malaysian Journal of Distance Education* 15(2), 35–50
56. **Ahmad Fauzi Mohd Ayub**, Wan Hamzari Wan Hamid, Mokhtar Hj. Nawawi (2014). Use of internet for academic purposes among students in Malaysian institutions of higher education. *The Turkish Online Journal of Educational Technology*. 13(1), 232-241
57. Hajar Ghadirian, **Ahmad Fauzi Mohd Ayub**, Abu Daud Silong, & Kamariah Abu Bakar & Ali Mohammad Hossein Zadeh (2014). Knowledge Sharing Behaviour among Students in Learning Environments: A Review of Literature. *Asian Social Science*. 10(4). 38 -45.
58. Elaheh Khoshouie, **Ahmad Fauzi Mohd Ayub** & Farhad Mesrinejad (2014). Molecular Workbench Software as Computer Assisted Instruction to Aid the Learning of Chemistry, *Journal of Educational and Social Research*. 4(3), 373 – 379
59. Sunita Prvinchandar & **Ahmad Fauzi Mohd Ayub** (2014). Comparison of the Effectiveness of StyleWriter and Microsoft Word Computer Software to Improve English Writing Skills. *English Language Teaching*, 7(1), 93 –98.
60. Sousan Baleghi-Zadeh, **Ahmad Fauzi Mohd Ayub**, Rosnaini Mahmud, Shaffe Mohd Daud (2014) An Assessment of Task-Technology Fit, Subjective Norm and Internet Experience of Learning Management System in Views of Malaysian Higher Education Students. *International Journal of Information and Communication Technology Research*, 142 – 146
61. Sousan Baleghi-Zadeh, **Ahmad Fauzi Mohd Ayub**, Rosnaini Mahmud, & Shaffe Mohd Daud (2014). Learning Management System Utilization among Malaysian Higher Education Students: A Confirmatory Factor Analysis. *Journal of Education & Human Development*, 3(1), 369-386.

	<p>62. Jazihan Mahat, Ahmad Fauzi Mohd Ayub & Wong Su Luan (2014). Student's Perceived Usefulness Towards M-Learning Among Students of Faculty Educational Studies, UPM <i>Journal of Innovation in Social Sciences</i>,1(1)</p> <p>63. Shayeshteh Hashemyolia & Ahmad Fauzi Mohd Ayub (2014). The Effects of Utilizing English Language Courseware on Secondary School Students' Performance in Iran. <i>Journal of Educational and Social Research</i>, 4(3), 71 – 78.</p> <p>64. Ahmad Fauzi Mohd Ayub, Rohani Ahmad Tarmizi, Kamariah Abu Bakar & Wong Su Luan (2014). Adoption of Wxmaxima Software in The Classroom: Effect on Students' Motivation and Learning of Mathematics. <i>Malaysian Journal of Mathematical Sciences</i>, 8(2), 311-323.</p> <p>65. Shayesteh Hashemyolia, Azizan Asmuni, Shaffe Mohd Daud, Ahmad Fauzi Mohd Ayub & Jasmin Arif Shah (2014) Factors Affectin Students' Self Regulated Learning Using Learning Management System. <i>Middle-East Journal of Scientific Research</i> 19 (Innovation Challenges in Multidiciplinary Research & Practice), 119-124.</p> <p>66. Sousan Baleghi-Zadeh, Ahmad Fauzi Mohd Ayub, Rosnaini Mahmud and Shaffee Mohd Daud (2014) Behaviour Intention to Use the Learning Management: Integrating Technology Acceptance Model with Task-Technology Fit. <i>Middle-East Journal of Scientific Research</i>, 19 (Innovation Challenges in Multidiciplinary Research & Practice): 76-84.</p> <p>67. Arit Uyouko Uyouko, Su Luan Wong & Ahmad Fauzi Mohd Ayub (2014) ICT Access and the Nigerian Teacher: A Literature Review. <i>Middle-East Journal of Scientific Research</i>, 19 (Innovation Challenges in Multidiciplinary Research & Practice): 12-17</p> <p>68. Norzaliza Alis, Wan Marzuki Wan Jaafar & Ahmad Fauzi Mohd Ayub (2014) The Influence of Self-Reflection Towards Counselor Trainee Self-Development. <i>Middle-East Journal of Scientific Research</i>, 19 (Innovation Challenges in Multidiciplinary Research & Practice), 85-88.</p> <p>69. Farzaneh Saadati, Rohani Ahmad Tarmizi & Ahmad Fauzi Mohd Ayub (2014) Utilization of Information And Communication Technologies In Mathematics Learning. <i>IndoMS-Journal on Mathematics Education (IndoMS-JME)</i>, 5(2), 138-147.</p>
Books/Monographs	<ol style="list-style-type: none"> 1. Amalan dalam Pengajaran & Pembelajaran Sains, Matematik & Pembelajaran Berasaskan ICT (<i>Practices in teaching and learning Science, Mathematics and ICT based learning</i>) Aida Suraya Md. Yunus, Ahmad Fauzi Mohd Ayub & Othman Talib (2008) Publisher : Universiti Putra Malaysia ISBN : 978-967-344-027-6 2. Pendidikan Matematik & Aplikasi Teknologi Ahmad Fauzi Mohd Ayub & Aida Suraya Md. Yunus (2009) Penerbit Universiti Putra Malaysia ISBN : 978-967-344-117-4 3. Isu Pengajaran, Pembelajaran dan Pengurusan dalam Pendidikan Sains. Ahmad Fauzi Mohd Ayub & Nurzatulshima Kamaruddin (2010) Penerbit Universiti Putra Malaysia ISBN : 978-967-344-129-7 4. Pembangunan dan Penilaian Kursus Multimedia. Ahmad Fauzi Mohd Ayub & Aida Suraya Md. Yunus (2010)

	<p>Penerbit Universiti Putra Malaysia ISBN : 978-967-344-177-8</p> <p>5. Isu dalam perkhidmatan bimbingan dan kaunseling Wan Marzuki Wan Jaafar, Ahmad Fauzi Mohd Ayub (2012) Penerbit : Neurox Publishing ISBN : 978-967-10997-0-4</p> <p>6. Aplikasi Teknologi Maklumat dan Komunikasi dalam Pendidikan Shaffe Mohd Daud & Ahmad Fauzi Mohd Ayub (2012) Penerbit Universiti Putra Malaysia ISBN 978-967-344-304-8</p> <p>7. Penyelidikan Dalam Sains Rumah Tangga Arasinah Kamis, Rahimah Jamaluddin & Ahmad Fauzi Mohd Ayub (2017) Penerbit : Universiti Pendidikan Sultan Idris ISBN : 978-967-2167-2163-07-7</p> <p>8. Perkembangan & perspektif Pembelajaran Tahfiz di Malaysia Fathiyah Mohd Fakhrudin, Ahmad Fauzi Mohd Ayub, Norlizah Che Hassan, Lukman Abdul Mutalib & Wan Marzuki Wan Jaafar. Penerbit : Universiti Putra Malaysia ISBN : 978-967-3447-94-7</p> <p>9. Penyelidikan dan Praktis Kontemporari dalam Pendidikan Matematik. Ahmad Fauzi Mohd Ayub, Rosnaini Mahmud, Nur Raidah Salim & Kathiresan Gopal Penerbit : Universiti Pendidikan Sultan Idris</p>
<p><i>Chapter in book</i></p>	<p>1. Mei Lick Cheok, Su Luan Wong, Ahmad Fauzi Mohd Ayub, Rosnaini Mahmud (2016) Understanding Teacher Educators' Beliefs and Use of Information and Communication Technologies in Teacher Training Institute in Farah M. Zain, Effariza Hanafi, Saidatul M. Sahimi & Abd. Karim Alias . <i>Envisioning the Future of Online Learning</i> (pp.147-158).</p> <p>2. Marsilah Anum Marham & Ahmad Fauzi Mohd Ayub (2018) <i>Factors Influencing Mathematical Learning Among Vocational College Students with low performance Using "Q-Methodology" Approach</i>) in Ahmad Fauzi Mohd Ayub, Rosnaini Mahmud, Nur Raidah Salim & Kathiresan Gopal (Eds). <i>Research and Contemporary Practices in Mathematical Education</i>. Tanjung Malim : Universiti Pendidikan Sultan Idris.</p> <p>3. Norliyah Sulaiman, Ahmad Fauzi Mohd Ayub, Aida Suraya Md. Yunus dan Umi Kalthom Abdul Manaf (2018). <i>Teachers' Perceptions On Teaching And Learning practices Related related with Higher Order Thinking Skills</i> in Ahmad Fauzi Mohd Ayub, Rosnaini Mahmud, Nur Raidah Salim & Kathiresan Gopal (Eds). <i>Research and Contemporary Practices in Mathematical Education</i>. Tanjung Malim : Universiti Pendidikan Sultan Idris.</p> <p>4. Kathiresan Gopal, Nur Raidah Salim & Ahmad Fauzi Mohd Ayub (2018). <i>Students Attitudes towards Statistics among Undergraduate Students at Public University in Malaysia : A Descriptive Study</i>. In Ahmad Fauzi Mohd Ayub, Rosnaini Mahmud, Nur Raidah Salim & Kathiresan Gopal (Eds). <i>Research and Contemporary Practices in Mathematical Education</i>. Tanjung Malim : Universiti Pendidikan Sultan Idris.</p>

5. Nur Raidah Salim, Kathiresan Gopal & **Ahmad Fauzi Mohd Ayub** (2018). *Students' Statistical Self-efficacy In Public University: A Descriptive Study*. In **Ahmad Fauzi Mohd Ayub**, Rosnaini Mahmud, Nur Raidah Salim & Kathiresan Gopal (Eds). *Research and Contemporary Practices in Mathematical Education*. Tanjung Malim : Universiti Pendidikan Sultan Idris.
6. Nur Raidah Salim, Kathiresan Gopal & **Ahmad Fauzi Mohd Ayub** (2018). *Students' Statistic engagement (Non-Major) among Semester 1 Undergraduate students In A Public University Malaysia: A Descriptive Study* in **Ahmad Fauzi Mohd Ayub**, Rosnaini Mahmud, Nur Raidah Salim & Kathiresan Gopal (Eds). *Research and Contemporary Practices in Mathematical Education*. Tanjung Malim : Universiti Pendidikan Sultan Idris.
7. Kamariah Abu Bakar, **Ahmad Fauzi Mohd Ayub**, Rosnaini Mahmud & Mat Rofa Ismail (2017). Relationships between Mathematics Teachers' Attitude, Confidence and Anxiety towards Infusing HOTS in Teaching and Learning (Pg. 165 – 180). In Beverly Ferruci & Lei Mee Thien (Eds.). *Revitalising Mathematics Teaching and learning culture towards sustainable living*. Pulau Pinang : Seamo Recsam.
8. **Ahmad Fauzi Mohd Ayub**, Norakusuma Mohd Din & Kamariah Abu Bakar (2017) An exploratory study towards students' mathematics engagement at Boarding Schools in Malaysia (Pg. 67 – 84). In Beverly Ferruci & Lei Mee Thien (Eds.). *Revitalising Mathematics Teaching and learning culture towards sustainable living*. Pulau Pinang : Seamo Recsam.
9. Zaharah Ja'afar, **Ahmad Fauzi Mohd Ayub**, Rosini Abu & Rahimah Jamaluddin (2017). *Relationships between Existing Knowledge, Mathematical Skills and Mathematical Logic Intelligence with Food Power Calculation Achievement among Home Economics Pupils* (pg. 93-102) in Arasinah Kamis, Rahimah Jamaluddin & **Ahmad Fauzi Mohd Ayub** (Eds) *Research in Home Economic*. Tanjung Malim : Universiti Pendidikan Sultan Idris.
10. Zaharah Ja'afar, Rosini Abu & **Ahmad Fauzi Mohd Ayub** (2017). *Home Economic Pupils attitudes' towards Food Power Calculation topic* (Pg. 79 – 92). Dalam Arasinah Kamis, Rahimah Jamaluddin & **Ahmad Fauzi Mohd Ayub** (Eds). *Research in Home Economic*. Tanjung Malim : Universiti Pendidikan Sultan Idris.
11. Afizal Shahir, **Ahmad Fauzi Mohd Ayub**, Rosini Abu & Arasinah Kamis (2017). *Development of Teaching and Learning video for catering and Serving subject* (Pg. 103-120) Dalam Arasinah Kamis, Rahimah Jamaluddin & **Ahmad Fauzi Mohd Ayub** (Eds). *Research in Home Economic*. Tanjung Malim : Universiti Pendidikan Sultan Idris.
12. **Ahmad Fauzi Mohd Ayub**, Norakusuma Mohd Din & Kamariah Abu Bakar (2017). An exploratory study towards Students' mathematics Engagement at Boarding Schools in Malaysia. In Beverly Ferrucci & Lei Mee Thien. *Revitalising Mathematics Teaching and Learning Culture Towards Sustainable Living*. Penang : Seaamo RECSAM.
13. Abu Bakar, Kamariah, **Ahmad Fauzi Mohd Ayub**, Rosnaini Mahmud & Mat Rofa Ismail (2017). Relationship between Mathematics Teachers' Attitude, confidence and Anxiety towards infusing HOTS in Teaching and learning. In Beverly Ferrucci & Lei Mee Thien. *Revitalising Mathematics Teaching and Learning Culture Towards Sustainable Living*. Penang : Seaamo RECSAM.
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H. PROJEK PENYELIDIKAN (2008 hingga 2018)					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
06/01/07/0289RU	Pembangunan Dan Penerimaan Pelajar Terhadap Penggunaan Portal Untuk Pengajaran Dan Pembelajaran Matematik Kalkulus Di Peringkat Sekolah Menengah Dan Institusi Pengajian Tinggi/Swasta	Ketua	2007	Research University Grant Scheme	Completed
07-02-04-0843-EA001	Enhancing Mathematics Learning For Lower Secondary School Students Using Multimedia Mathematics Courseware.	Ahli	2007	E-science	Completed
01-01-04-SF0126	Comparison Of Instructional Efficiency Of Dynamic Software On Mathematics Learning At The Secondary Level	Ahli	2007	Science fund (01-01-04-SF0126)	Completed
05-01-07-232FR	Internet Attitudes And Usage Among Students Teacher	Ahli	2007	Fundamental Research Grant Scheme	Completed

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<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
06-01-04-SF0898	Characterizing key features of student centered learning environments in Malaysian Institutions of Higher education: Its Implication on the teaching and learning process.	Ahli	2007	Science Fund	Completed
06/01/07/0308RU	Transforming GIS Mapping on Children at Risk in The Malaysian Socioeconomic Educational Environment	Ahli	2007	Research University Grant Scheme	Completed
06-05-10-1080RU	Enhancing Visualization Through use of Interactive Multimedia For mathematics learning	Ketua	2010	Research University Grant Scheme	Completed
ERS/1/11/SSI/UPM/01/1	Exploring Mathematical Enculturation in National, National Type and National Religious Schools in Malaysia and Its Impact on Mathematics Achievement	Ahli	2011/2013	Exploring Research Grant Scheme	Completed
FRGS /1/11/SSI/UPM/02/22	Design of Adaptive Learning to Optimize nstructional Efficiency in Mathematics Learning.	Ahli	2011-2014	Fundamental Research Grant Scheme	Completed
	Pengunaan pembelajaran mobil dalam kalangan pelajar universiti	Ketua	2012-2013	Research University Grant Scheme (RUGS)	Completed
9323607	The effect of Technology Learning Environment on Self-regulating Engagement among Undergraduates using PutraLMS at Universiti Putra Malaysia	Ahli	2012-2014	Geran insentif Penyelidikan dalam pengajaran dan Pembelajaran (GIPP)	completed
06-02-12-1963RU	Effectiveness of Islamic Psycho-Sexual Cyber Intervention on Marital Conflict and Sexual Satisfaction	Ahli	2012 - 2014	Research University Grant Scheme (RUGS)	completed
UPM/700-2/1/GP-IPW/2013/9390300	Modelling Acceptance eBook Among Mathematics Teachers in terengganu	Ketua	2013 - 2015	Research University Grant Scheme (RUGS)	Completed
UPM/700-2/1/GP-IPW/2013/9394000	Factor Affecting Knowledge sharing Behaviour in Virtual Colloborative Teams Among Distance Learners	Project Leader	2013 - 2015	Research University Grant Scheme (RUGS)	Completed

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<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
UPM/Cade/GIPP/93 23629	Implementasi dan Penilaian Terhadap M-Pembelajaran dalam kalangan Pelajar UPM	Project Leader	2013 - 2015	Geran insentif Penyelidikan dalam pengajaran dan Pembelajaran (GIPP)	Completed
ERGS/1- 2013/5527183	Exploring the Professional Development of Inculcating and Incorporating Mathematics Values in Teaching Primary and Secondary Mathematic	Member	2013- 2015	Exploring Research Grant Scheme	Completed
06-01-13-1234FR	Assessment of Primary and Secondary Mathematics Teachers' Affective Paradigm and Higher Order Thinking Skills (HOTS) Ability: A Brain-Based Instructional Strategies Perspective	Member	2013- 2015	Fundamental Research Grant Scheme (FRGS)	Completed
FRGS 2014 -1	A model for understanding the potential of using the multiple intelligence approach and Higher Order Thinking Skills in Assessing Student	Member	2014 - 2017	Fundamental Research Grant Scheme (FRGS)	On-going
FRGS	Karakteristik Murid yang mengikut aliran tahfiz	Member	2013- 2016	Fundamental Research Grant Scheme (FRGS)	On-going
TRGS	A new approach using Virtual Simulation technology to improve medical students learning of the central nervous system (CNS)	Project Leader	Dis 2015 – 31 Dis 2018	Trans-Disiplinary ,TRGS)	On-going
FRGS (05-01-12- 1144FR)	Predictive Models of Mathematics Performance based on Mathematics Engagement Among Malaysian Secondary School Students Main- Researcher	Project Leader	2012- 2014	FRGS	Completed
Putra Grant	Development and Evaluation of Effects of HOTS-Based Module Frame by Cognitive Apprenticeship Model for measurement and Geometry among year five Pupils	Project Leader	Disember 2015 – 1 Disember 2017.	Putra Grant	On-going
RACE	Development of serious game in retaining Engineering Vocabulary for Students at Tertiary level (Research Accularation Collaborative Effort,	Member	Februari 2014 – 31 Januari 2016.	RACE	Completed

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<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
KPTM	Kajian keberkesanan program susu 1 Malaysia (PS1M)	Member	Novembr 2013 – 28 Februari 2015.	KPM	completed