



CURRICULUM VITAE

DR. OTHMAN TALIB

**DEPARTMENT OF SCIENCE AND TECHNICAL EDUCATION
FACULTY OF EDUCATIONAL STUDIES, UNIVERSITY PUTRA MALAYSIA
43400 UPM SERDANG, SELANGOR**

REFEREE:

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1. BIODATA

Name : OTHMAN BIN TALIB
Department : Department of Science and Technical Education
Faculty : Faculty of Educational Studies, University Putra Malaysia
Specialization : Pedagogy (Science / Chemistry Education)
Sub-specialization : Multimedia Learning Theory / Animation/ Research Methodology
Staff Number : A01023
IC No : 630708055901
Date of Birth : 08 July 1963
Contact : 019-2986914
E-mail : otalib@upm.edu.my
Current Position : Senior Lecturer
Appointed : 27 March 2000
Senior Lecturer : 1 January 2008
Grade : DS52
IELTS Score (2003): Band 7.0

2. RESEARCH ID AND H-INDEX

ORCID: 0000-0002-5284-5924
Scopus ID: 35211907000
WoS ID: AAC-8379-2020
h-index: GS = 17, Scopus = 7

3. ACADEMIC QUALIFICATIONS

Institution	Degree	Title of Thesis	Focus of Study
UKM (1987)	Bachelor of Science	Monitoring Water Quality at Sepang Bay	<ul style="list-style-type: none">Water Monitoring Analysis
UPM (1999)	Master of Science	The Effectiveness of Mapping Concept Integration Method in the Teaching of Chemical Equilibrium	<ul style="list-style-type: none">PedagogyExperimental Research DesignQuantitative Data Analysis
UNI. OF ADELAIDE (2007)	Doctor of Education	Computer-Animated Instruction and Students' Conceptual Change in Electrochemistry	<ul style="list-style-type: none">PedagogyMultimedia Learning TheoryExperimental Research Design

4. EMPLOYMENT

No.	Employer	Designation	Department	Service
1.	University Putra Malaysia	Science Teacher	Matriculation Centre, UPM.	1987 - 1999
2.	University Putra Malaysia	Lecturer	Faculty of Educational Studies, UPM.	2000 - 2023

5. RESPONSIBILITIES / COMMITTEES / DUTIES

No.	Organisation/Event	Position	Year
1.	Play+Learn+Create, Putra Future Classroom, Faculty of Educational Studies	Presenter	2020 - 2021
2.	Malaysian International Convention on Education Research & Management 2022 (MICER 2022)	UPM Coordinator	2021
3.	Ketua Penyediaan Program Ijazah Doktor Pendidikan (EdD) 2021	Leader	2021
4.	Taskforce Jaringan dan Penjanaan Fakulti Pengajian Pendidikan	Member/Presenter	2020 - present
5.	Taskforce STEM Fakulti Pengajian Pendidikan	Member	2020 -present
6.	AJK Taskforce Keceriaan & Kelestarian Hijau Fakulti Pengajian Pendidikan	Member	2019 - present
7.	The 5 th International Conference on Educational Research and Practice	Member/Session Chair	2019, 22-23
8.	OL Microcredential Fakulti Pengajian Pendidikan	Content Developer	2019
9.	Academic Staffs Development Training	Chairman	2013 - present
10.	Interview Panel for Bachelor of Education Programme	Interviewer	2012 - present
11.	Postgraduate, Department of Science and Technical Education, Faculty of Educational Studies, UPM	Thesis Examiner	2012 - present
12.	School of Graduate Studies, UPM	Thesis Examiner	2012 - present
13.	Faculty of Landscape and Architecture, UPM	External Auditor for COPPA	2011, 3 May
14.	Committee of Safety and Health, Faculty of Educational Studies, UPM	Committee Member	2011 - present
15.	Final year students' presentations	Chairperson/Assessor	2011 - present
16.	Faculty of Educational Studies, UPM	Internal Auditor for APA	2010, 27 January
17.	MS ISO 9001, Faculty of Educational Studies	Internal Auditor	2010
18.	Seminar on Research Education and Human Resource Development, Faculty of Educational Studies, UPM	Parallel Session Chairperson	2010
19.	Graduate office audition for SIRIM MS ISO 9001:2008, Faculty of Educational Studies, UPM	Escort Officer	2009, 13 November
20.	Audit for MS ISO 9001:2000, Faculty of Educational Studies, UPM	Internal Auditor	2009, 10 August

21.	International Conference on Education Research and Practice (ICERP)	Chairman for parallel session	2009, 10-11 June
22.	Department of Science and Technical Education, Faculty of Educational Studies, UPM	Science Laboratory Supervisor	2009 - present
23.	Faculty of Educational Studies, UPM	Coordinator/Examination Setter for EDU3033	2008, 10 July
24.	Program Khas Pensiswazah Guru (PKPG)	Instructor	2007, Sem. 2 /2008
25.	Faculty of Educational Studies, UPM	Laboratory Examination Setter	2007, 30 January
26.	Underachievers Tapping Their Potential Workshop (CARE), UPM	Committee	2007, 19-20 November
27.	Seminar Kebangsaan Pendidikan Teknik dan Vokasional – <i>National Seminar on Technical and Vocational Education</i>	Committee	2007, 14 November
28.	Faculty of Educational Studies, UPM	Internal Auditor MS ISO 9001:2000	2007, 14 June
29.	Registrar Office, UPM	PTK Examination Setter	2007, 1 March
30.	Workshop on Curriculum Revision, Faculty of Educational Studies, UPM at Royal Adelphi, Seremban	Participant	2006, 22-24 December
31.	Department of Science and Technical Education, Faculty of Educational Studies, UPM	Academic Advisor	2002 – present

6. RESEARCH



Press Conference on One of the Research Products on Computer Application

	Title	Reference	Year	Role	Budget
1.	Mereka Bentuk Pedagogi Mudah Dan Praktikal (Pmpr) Untuk Pendidikan STEM Sekolah Rendah	05-01-19-2114FR	2020	Project Leader	RM93700
2.	The Development of Problem Posing Multimedia Module	IPS/2018/9636800	2018	Project leader	RM20320
3.	Pembinaan SEA GAMES App Kimia Organik	UPM/CADe/800-2/2/15	2017	Project Leader	RM10000
4.	Inquiry-Based Learning as an Instructional Tool in Enhancing Thinking Skills Among Science Students	GP-IPS/2014/9438726	2014	Member	RM15000
5.	Mobile Application for Organic Chemistry Reaction Mechanism	06-01-07-0268RU	2014	Project Leader	RM15000
6.	Digital Literacy Among Youths for human Capital Development	ERGS/1/2-12/03/3 FRGS	2012	Member	RM30000
7.	Exploring Creativity for Innovation: Learning and Discovering Science Concepts Through Play with Multimedia Applications	ERGS / KPT 5527031 ERGS	2011	Member	RM50000
8.	Pedagogical Conceptual Framework for Science Misconceptions Among Primary School Students	FRGS / KPT 2010-12-106-04 FRGS	2010	Member	RM40000
9.	Computer Animation Module for Electrolysis	2010-0010-04-06 FRGS	2010	Member	RM18884
10.	Pembangunan Model Pengurusan Amali Makmal Fizik	06-01-09-0863RU RUGS	2009	Member	RM29780
11.	Development of Interactive Web-Based Learning Environment for Enhancing University Students' Learning in Chemistry	06-01-07-0268RU FRGS	2008	Member	RM58000
12.	Development of Constructivist Courseware for Mastering Organic Chemistry Reaction Mechanisms	06-01-07-027RU RUGS	2007	Project Leader	RM19000
13.	Pembangunan Modul Multimedia: Aspek Stereokimia Kimia Organik	04-06-19-07 FRGS	2007	Member	RM10000
14.	Profiling Performance Indicators for Science Students	05-01-07-231FR FRGS	2006	Project Leader	RM30000
15.	Perbandingan Struktur Pengetahuan Penyelesaian Masalah Guru Kimia Berbeza Pengalaman	New Lecturer Scheme	2001	Project Leader	RM8000

7. JOURNAL PUBLICATIONS

No.	Title	Remarks
1	Idris, N., Talib, O., & Razali, F. (2022). Strategies in Mastering Science Process Skills in Science Experiments: a Systematic Literature Review. <i>Jurnal Pendidikan IPA Indonesia</i> , 11(1), 155–170.	Scopus Q1
2	Mariah, H., Guan, Y., Talib, O., & Bahri, S. (2021). Factors Influencing Flood Disaster Preparedness Initiatives Among Small and Medium Enterprises Located at Flood-Prone Area. <i>International Journal of Disaster Risk Reduction</i> , 60(May), 102302.	Scopus Q1
3	Nik Mawar Hanafiah Nik Hasan, Othman Talib, & Lim, C. T. (2022). a Bibliometric Analysis on How Organic Chemistry Education Research Has Evolved Collaboratively Over Time. <i>Jurnal Pendidikan IPA Indonesia</i> , 11(1), 73–90.	Scopus Q1
4	Xiao, W., Soh, K. G., Wazir, M. R. W. N., Talib, O., Bai, X., Bu, T., Sun, H., Popovic, S., Masanovic, B., & Gardasevic, J. (2021). Effect of Functional Training on Physical Fitness Among Athletes: A Systematic Review. <i>Frontiers in Physiology</i> , 12(September), 1–12	JCR / WoS Q1
5	Xiao, W., Geok, S. K., Bai, X., Bu, T., Norjali Wazir, M. R., Talib, O., Liu, W., & Zhan, C. (2022). Effect of Exercise Training on Physical Fitness Among Young Tennis Players: A Systematic Review. <i>Frontiers in Public Health</i> , 10(March), 1–10	JCR / WoS Q1
6	Bai, X., Soh, K. G., Omar Dev, R. D., Talib, O., Xiao, W., Soh, K. L., Ong, S. L., Zhao, C., Galeru, O., & Casaru, C. (2022). Aerobic Exercise Combination Intervention to Improve Physical Performance Among the Elderly: A Systematic Review. <i>Frontiers in Physiology</i> , 12(January), 1–13.	JCR / WoS Q1
7	Bai, X., Soh, K. G., Omar Dev, R. D., Talib, O., Xiao, W., & Cai, H. (2022). Effect of Brisk Walking on Health-Related Physical Fitness Balance and Life Satisfaction Among the Elderly: A Systematic Review. <i>Frontiers in Public Health</i> , 9(January).	JCR / WoS Q1
8	Long Li, Soh Kim Geok, Hu Li, Othman Talib, He Sun & Soh Kim Lam (2022). A comprehensive study on physical fitness of Wushu routine athletes based on video-driven core strength training mechanism. <i>Wireless network</i>	JCR / WoS Q2
9	Kamarrudin, H., Talib, O., Kamarudin, N., Ismail, N., Azmin, A., & Zamin, M. (2022). Trend of Research on Active Engagement in Science Education: Biblioc Analysis. <i>Journal of Turkish Science Education</i> , 19(3), 937–957	Scopus Q2
10	Geok, S. K., Hu, L., Talib, O., He, S., & Lam, S. K. (2022). Effect of Core Strength Training on Wushu Performance : A Systematic Review. <i>Journal of Positive School Psychology</i> , 6(5), 1744–1756.	Indexed
11	Mawar, N., Nik, H., Talib, O., & Lokman, H. F. (2022). Class Map : Improving Students ' Skills of Organic Synthesis in Learning Organic Chemistry for Pre-University Students. 7(1), 270–284	Indexed
12	Nur, S., Mohd, S., Shafie, F. A., Zaki, M. A., & Talib, O. (2021). Predictors of preventive practices towards Hand , Foot and Mouth Disease (HFMD) among children ' s caregivers in Petaling. <i>Malaysian Journal of Medicine and Health Sciences</i> 66–73.	Scopus Q4
13	Abdulmalik Sabitu, Othman Talib, Norizah Abdulrahman and Nurzatulshima Kamaruddin. (2021). Validating The Usability Of Organic Reaction Teaching Model: The Experts' Collective Opinions. <i>Psychology And Education</i> 58(5):732–45.	Scopus Q4

14	Abdulmalik Sabitu, Othman Talib, Norizah Abdulrahman and Nurzatulshima Kamaruddin. (2021). Exploring The Needs For The Development Of Organic Reaction Teaching Model: Experts' Collective Opinion. <i>Malaysian Journal Of Social Sciences And Humanities (MJSSH)</i> , 6(4), 191-201.	Indexed
15	Ariffuddin, Mohd, Abdul Aziz, Othman Talib, Tajularipin Sulaiman. (2021). Effects of Blended Learning towards Students' Performance in Electrochemistry Topic among Secondary School Students in Malaysia. <i>International Journal of Academic Research in Progressive Education and Development</i> , 10(2), 67- 78.	ERA
16	Nora Hafizan, Othman Talib, Fazilah Razali. (2021). The Big Why of Implementation Computational Thinking in STEM Education: A Systematic Literature Review. <i>Malaysia Journal of Social Science and Humanities</i> . 6(30), 272-289	Indexed
17	Ibrahim Alkhalidi, Othman Talib, Habibah Ab. Jalil, Nurzatulshima Kamarudin. (2020). The Use of Mobile Application: Why Play Is Important in Teaching Elementary Mathematics? <i>Talent Development & Excellence</i> , 12(3), 2945–2956.	Scopus Q4
18	Razali, Fazilah, Umi Kalthom Abd Manaf, Othman Talib and Siti Aishah Hassan. (2020). Motivation to Learn Science as a Mediator between Attitude towards STEM. <i>Universal Journal of Educational Research</i> 8(1 A):138–46.	Scopus Q4
19	Nur Farhana Ramli, Othman Talib Hassan, Siti Aishah Hasan, & Umi Kalthom Abdul Manaf. (2020). Development and Validation of an Instrument to Measure STEM Teachers' Instructional Preparedness. <i>Asian Journal of University Education</i> , 16(3), 193–206.	Scopus Q4
20	Nur Izzah Muhamad Sauki, Othman Talib (2020). SLR: The Implementations of Problem-Solving Method Using Polya, 5e, 7e Method and Its Challenge to Cope With 21 st Century Learning. <i>International Journal of Academic Research in Business and Social Sciences</i> , 10(6), 1046–1060.	ERA
21	Ariffuddin, Mohd, Abdul Aziz, Othman Talib, Tajularipin Sulaiman. (2019). The Implementation of Flipped Classroom Instructional to Enhance Academic Achievement among Form Four Chemistry Students. <i>International Journal of Academic Research in Business and Social Sciences</i> , 9(7), 967–980.	ERA
22	Hajar Mariah Hashim, Ng, Y. G., Othman Talib, & Shamsul Bahri Md Tamrin. (2019). Content Validation of Flood Disaster Preparedness Action (FDPA) Items Among Small and Medium Enterprises (SME) Business. <i>International Journal of Disaster Resilience in the Built Environment</i> . Pp1-13.	Scopus Q3
23	Hajar Mariah Hashim, Ng, Y. G., Othman Talib, & Shamsul Bahri Md Tamrin. (2019). Development of Flood Disaster Preparedness Activity (FDPA) Items: A Preliminary Study Using Rasch Analysis. <i>Malaysian Journal of Medicine and Health Sciences</i> , 15(SP4), pp. 1-11.	Scopus Q4
24	Nur Farhana Ramli, Othman Talib, Siti Aishah Hassan & Umi Kalthom A. Manaf. (2018). Rasch Analysis and DIF of STEM Teachers' Instructional Preparedness Instrument for Urban and Rural Teachers. <i>Int. Journal of Academic Research in Progressive Education & Development</i> . 8(2). Pp. 211-222.	ERA

25	Nur Farhana, Othman Talib, Siti Aishah Hassan & Umi Kalthom A. Manaf. (2018). Content Validity of STEMIP Using CVR Method. <i>International Journal of Academic Research in Business and Social Sciences</i> , 8(7). 1118-1125.	ERA
26	Nor Tutiaini Ab. Wahid, Othman Talib, Tajularipin Sulaiman, Mohd Hazwan Mohd Puad. (2018). Developing Critical Thinking Skills In Secondary School Students: The Potential For Strategic Management Through Problem-Posing Instructional Strategy. <i>Academy of Strategic Management Journal</i> .	ERA
27	Nor Tutiaini Ab. Wahid, Othman Talib, Tajularipin Sulaiman, Mohd Hazwan Mohd Puad. (2018). A Systematic Literature Review on the Problem-Posing Strategies for Biology Problem-Posing Multimedia Module Design. <i>International Journal of Academic Research in Business and Social Sciences</i> .	ERA
28	Fazilah Razali, Othman Talib and Umi Kalthom Abdul Manaf, & Siti Aishah Hassan. (2018) A Measure of Students' Motivation, Attitude and Parental Influence towards Interest in STEM Career. <i>International Journal of Academic Research in Business and Social Sciences</i> , 7 (14). pp. 245-264.	ERA
29	Mohd Sofi M. Ayub, Othman Talib, & Nyet, M. S. (2018). The Perceptions of Users Regarding Multimedia Principles in Mobile-Based Japanese Language Learning. <i>The Turkish Online Journal of Edu. Technology</i> . 17(3), 113–124.	Indexed
30	Siti Faizah Binti Said, Asmawati Suhid, Fathiyah Mohd Fakhrudin & Othman Talib. (2018). Penggunaan Teknik Kolaboratif Dalam Pengajaran Modul Khatam Al-Quran J-QAF. <i>Jurnal Al-Anwar</i> , 5(1), 49-64.	Indexed
31	Nur Farhana Ramli & Othman Talib. (2017). Can Education Institution Implement STEM? From Malaysian Teachers' View. <i>International Journal of Academic in Business and Social Sciences</i> . 7(3). 721–732.	ERA
32	Nor Tutiaini Ab. Wahid & Othman Talib. (2017). Stem Integration in Classroom Practices among Biology Teachers. <i>International Journal of Academic in Business and Social Sciences</i> . 7(4). 1030-1041.	ERA
33	Chiu, H. J. L., Kim, G. S., Othman Talib, & Aminuddin Yusof. (2017). Persepsi Atlet Pelajar: Tingkah Laku Kejurulatihan. <i>Movement, Health & Exercise</i> , 6(2), 135–145.	Indexed
34	Dani Asmadi Ibrahim, Azraai Othman, & Othman Talib. (2015). Pandangan Pelajar dan Guru Terhadap Tahap Kesukaran Tajuk-Tajuk Kimia. <i>Jurnal Kepimpinan Pendidikan</i> . 2(4): 32-46.	Indexed
35	Talib, O., Norishah, T. P., & Zulkafly, N. A. (2012). Understanding the Wonders of Science Through Creative Play. <i>Procedia - Social and Behavioral Sciences</i> , 141, 1378–1385.	Indexed
36	Ghadi, I., Alwi, N. H., Abu Bakar, K., & Talib, O. (2013). Measuring Thinking Disposition Instruments among Undergraduate Students in University Putra Malaysia. <i>Higher Education Studies</i> , 2(2), pp.138-145.	Indexed
37	Ibrahim Nazem Ghadi, Kamariah Abu Bakar, Nor Hayati Alwi & Othman Talib. (2013). Measuring Critical Thinking Skills of Undergraduate Students in University Putra Malaysia. <i>International Journal of Asian Social Sciences</i> , 3(6):1458-1466.	ERA

38	Saripah Salbiah, Asmahani Suhairun, Salihan Siais, Othman Talib, Tenku Putri Norishah. (2013). Keberkesanan Modul Multimedia Kimia Organik: Mekanisme Tindakbalas SN1 dan SN2. <i>Asia Pacific Journal of Educators and Education</i> , 28, 47–63.	Indexed
39	Safizan Zainal Khairi, Saripah Salbiah Syed Abdul Azziz, Mohamad Syahrizal Ahmad, Othman Talib, Tenku Putri Norishah Tenku Shariman. (2013). MyGameE: Development and Its Effectiveness on Enhancing Electrolysis (Chemistry) Concept of Form Four Students. <i>Jurnal Sains dan Matematik</i> . 5 (2), 47-58.	Indexed
40	Rohayati Ismail, Ahmad Fauzi Mohd Ayub & Othman Talib. (2012). The Relationship Between Teachers' Competency, Support and School Facilities and Teachers' Attitude Towards The Use of ICT in Teaching and Learning. <i>Journal of Science & Mathematics Education</i> , (2(1), 51-64.	Indexed
41	Talib, O., Wong Su Luan, Nabila Abdullah & Shah Christirani Azhar. (2009). Uncovering Malaysian Students' Motivation to Learning Science. <i>European Journal of Social Science</i> , 8(2). Pp. 266-276.	Indexed
42	Talib, O., Matthews, R. & Secombe, M. (2006). Innovative Constructivist-Animated Instruction in Teaching Complex, Abstract and Dynamic Science Concepts. <i>Jurnal Pendidikan (Education Journal)</i> , 26, pp. 71-85.	Indexed
43	Talib, O., Matthews, R. & Secombe, M. (2005). Constructivist Animation for Conceptual Change: An Effective Instructional Strategy in Understanding Complex, Abstract and Dynamic Science Concepts. <i>Malaysian Journal of Educational Technology (MJET)</i> , 2(3), pp: 78-87.	Indexed
44	Talib, O., Matthews, R., & Secombe, M. (2005). Computer-Animated Instruction and (Science) Students' Conceptual Change – Preliminary Qualitative Analysis. <i>International Educational Journal</i> , 5(5), pp. 29-42.	Indexed

8. AWARDS

No.	Event	Award	Year
1.	Best Seller (Evergreen) Book, UPM Publishing	CERT	2019
2.	IMU Learning Resource Festival	GOLD	2019
3.	IDE4 Teaching and Learning Exhibition, UTP	GOLD	2018
4.	International Research and Innovation Symposium and Exposition 2018 (RISE 2018), UTHM	GOLD	2018
5.	Pertandingan Inovasi dan Rekaippta (i-Reka) Kebangsaan	GOLD	2018
6.	Int. Innovation Practice in Education (i-PEX 2018), UTM	SILVER	2018
7.	Augmented Reality (ANAcube) at H-Inovasi, UKM	SILVER	2017
8.	Mobile App Competition at Learning Resource Festival	GOLD	2017
9.	Exhibition of Invention, Research and Innovation UPM (Mobile App)	GOLD	2017

10.	Exhibition of Invention, Research and Innovation (Pedagogy/Chem)	GOLD	2012
11.	Exhibition of Invention, Research and Innovation (Games/Chem)	GOLD	2009
12.	International Invention, Innovation and Tech. Exhibition (Chem)	SILVER	2009
13.	Ekspo Penyelidikan dan Inovasi UPSI (Multimedia/Chem)	GOLD	2009
14.	Exhibition of Invention, Research and Innovation UPM (Courseware/Chemistry)	GOLD	2005
15.	Excellence Service Award	CERT.	1996



Innovation in Teaching and Learning, 2018



Innovation in Teaching and Learning, 2019



GOLD Medal for 'Pameran Reka Cipta Penyelidikan dan Inovasi (PRPI)', UPM (15-16 November 2016)

9. COPYRIGHT / IP

No.	Title	Year
1.	E-Games for Electrochemistry	2010
2.	Interactive Multimedia Chemistry Module (IMCM)	2011
3.	Simple Explicit Animation for Organic Chemistry Mechanism (SEA)	2012
4.	Organic Chemistry Reaction Mobile Application (OCRA)	2014
5.	Organic Chemistry Reaction Mobile Application (SEA GAME)	2016
6.	Model Minat Kerjaya STEM (LY2018005181)	2018
7.	Kerangka Konseptual Minat Kerjaya STEM (LY20180051813)	2018
8.	Kaji Selidik Minat Kerjaya STEM (LY2018005184)	2018
9.	Model PROPOSE-M (LY2018005849)	2018
10.	Kerangka Konseptual PROPOSE-M (LY2018005850)	2018
11.	BOOKLET PROPOSE-M (LY2018005851)	2018

10. BOOKS AUTHORED

No.	Title	ISBN/eSBN
1.	Othman Talib. (2013). <i>Asas Penulisan Tesis, Penyelidikan dan Statistik</i> . Serdang: UPM Press.	978-967-344-355-2
2.	Othman Talib. (2013). <i>Atlas.ti - Pengenalan Data Kualitatif</i> . Bangi: MPWS Rich Resources.	978-967-120-210-4
3.	Othman Talib. (2013). <i>Mendeley - Pengurusan Artikel dan Pengurusan Rujukan Tesis</i> . Bangi: MPWS Rich Resources.	978-967-120-111-1
4.	Othman Talib. (2013). <i>Tulis Tesis Cepat Teknik Efektif dan Efisien</i> . Bangi: MPWS Rich Resources.	978-967-120-213-5
5.	Othman Talib. (2014). <i>Zero Draft of Thesis</i> . Bangi: MPWS Rich Resources.	978-967-12021-4-2
6.	Othman Talib. (2014). <i>Zero Draft of Thesis (English version)</i> . Bangi: MPWS Rich Resources.	978-967-120-215-9
7.	Othman Talib. (2014). <i>Dialah Supervisorku (He Is My Supervisor)</i> . Bangi: MPWS Rich Resources.	978-967-12021-7-3
8.	Othman Talib. (2014). <i>Research and Thesis: If Only I Had Known</i> . Bangi: MPWS Rich Resources.	978-967-120-21-1-2
9.	Othman Talib. (2015). <i>SPSS untuk Penyelidik Muda</i> . Bangi. MPWS Rich Resources.	978-967-0942-00-1
10.	Othman Talib. (2015). <i>Penyelidikan dan Tesis</i> . Bangi. MPWS Rich Resources.	978-967-094-201-8
11.	Ghazali Darussalam dan Othman Talib. (2015). <i>Penilaian Program Pendidikan dan Sosial Sains</i> . Serdang: UPM PRESS.	978-967-344-645-2
12.	Othman Talib. (2017). <i>Nipis tapi Kritis (Penulisan Tesis)</i> . Bangi. MPWS Rich Resources.	978-967-0942-44-5
13.	Othman Talib. (2019). <i>Atlas.ti 8 – Analisis Data Kualitatif</i> . Serdang: UPM Press.	978-967-344-355-2
14.	Othman Talib, Fazilah Razali, Nor Tutaiaini & Nur Farhana Ramli. (2020). <i>Merealisasi GOT untuk Pascasiswazah</i> . Serdang: UPM Press.	978-967-2395-07-2
15.	Othman Talib & Farhana Ramli. (2020). <i>Panduan Tulis Sumber Rujukan (APA)</i> . NFR Bizz Resources.	978-967-18797-0-2

16.	Azraai Othman, Fazilah Razali & Othman Talib. (2020). SEM – Structural Equation Modeling Langkah Demi Langkah. NFR Bizz Resources.	978-967-18797-1-9
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Malar Hijau Award by Vice Chancellor UPM



Book Launching at PWTC
'Research & Thesis – If Only I Had Known'

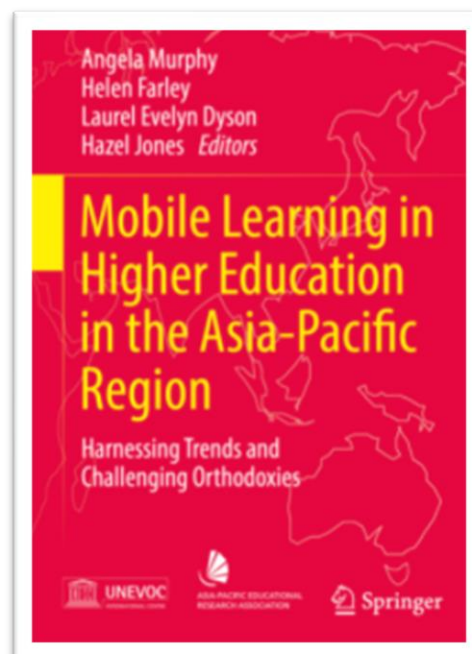
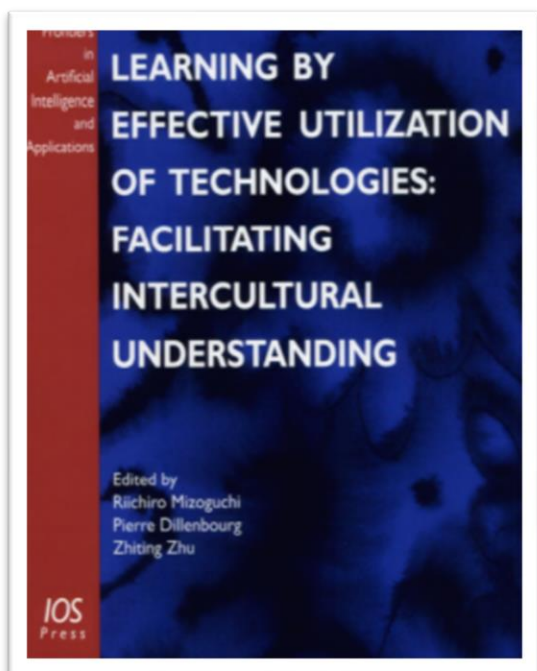
11. EDITED BOOKS

1.	Aida Suraya, Ahmad Fauzi, & Othman Talib (Eds.). (2008). Konsep Sains dan Idea Konstruktivism, Sains, Matematik dan Pembelajaran Berasaskan ICT (Science Concepts and Constructivism of Ideas, Science, Mathematics and ICT-based Learning). Serdang: UPM Press.
2.	Wong Su Luan, Mas Nida, Abu Daud Silong & Othman Talib (Eds.). (2011). Technology & Education. Serdang: UPM Press.

12. CHAPTER OF BOOK (INTERNATIONAL)

No.	Title	Publication
1.	Othman Talib, Shah Christirani Azhar & Nabila Abdullah. (2006). Using Systematic Animation to Teach Dynamic Science Concepts. In R. Mizoguchi, P. Dillenbourgh & Z. Zhu (Eds.) Learning by Effective Utilization of Technologies Facilitating Intercultural Understanding (pp.543-550). Oxford: IOS Press.	IOS Press Oxford

2.	Tze Jiun Lee, Nurzatulshima Kamarudin, Othman Talib & Aminuddin Hassan. (2017). How Does Inquiry-Based Instruction Affect Learning in Secondary School Science Class? In Geok Bee The & Siew Chee Choy (Eds). Empowering 21st Century Learners Through Holistic and Enterprising Learning. SPRINGER International.	SPRINGER
3.	Othman Talib, Tengku Puteri & Azraai Othman. (2017). Authentic Mobile Application for Enhancing the Value of Mobile Learning in Organic Chemistry and Its Pedagogical Implications. In Angela, M. Helen, F., Laurel, E. D., & Hazel, J (Eds). Mobile Higher Education in the Asia- Pacific Region: Harnessing Trends and Challenging Orthodoxies. Singapore: SPRINGER International.	SPRINGER
4.	Tengku Putri Norishah, Othman Talib & Nazerin Ibrahim. (2015). The Relevancy of Digital Literacy for Learning with WEB 2.0 Technology. In Sue, G. & Asher, R. (Eds). Leading Issues in Social Media Research. ACPI: London.	ACPI London



First Author (Chapter of Book) in International Books

13. CHAPTER OF BOOK (NATIONAL)

No.	Title	Publication
1.	Othman Talib & Athirah Jamhari. (2011). Literasi Sains dan Implikasi Kepada Pendidikan Sains Malaysia. In Maimunah Ismail and Abdul Rasid Jamian (Eds). Pendidikan dan Masyarakat (Education and Society). Serdang: UPM Press.	UPM Press
2.	Othman Talib. (2008). Konsep Sains dan Idea. In Aida Suraya, Ahmad Fauzi Ayub & Othman Talib (Eds). Sains, Matematik dan Pembelajaran Berasaskan ICT Serdang: UPM Press.	UPM Press
3.	Othman Talib. (2008). Gajet Mudahalih dan Teknologi Digital. In Aida Suraya, Ahmad Fauzi Ayub & Othman Talib (Eds). Sains, Matematik dan Pembelajaran Berasaskan ICT.	UPM Press
4.	Noor Farah Shahida, Othman Talib & Rosnaini Mahmud. (2011). Podcasting: A New Wave in Higher Education. In Wong Su Luan, Mas Nida, Abu Daud Silong & Othman Talib (Eds). Technology & Education. Serdang:	UPM Press
5.	Othman Talib. (2010). Fungsi Visual Grafik dalam Pengajaran Sains. In Ahmad Fauzi Ayub and Nurzatulshima Kamarudin (Eds). Isu Pengurusan, Pengajaran dan Pembelajaran dalam Pendidikan Sains.	UPM Press
6.	Rohayati Ismail, Ahmad Fauzi, Othman Talib. (2012). Sikap Guru Sains dan Matematik Terhadap Penggunaan Teknologi Maklumat dan Komunikasi. Dalam Aplikasi Teknologi Maklumat dan Komunikasi Dalam Pendidikan.	UPM Press
7.	Azian Aidawati, Sharifah Norziedah & Othman Talib. (2009). Mata Pelajaran Sains Pertanian – Mengapa Pelajar Berpersepsi Negatif? In Norhasni, Suhaida & Arasinah (Eds). Strategi Memperkasa Pendidikan Teknik & Vokasional.	UPM Press

14. CONSULTATIONS AT NATIONAL LEVEL (2018-2021)

Organisation	Consultancy	Date
MARA	Penulisan Jurnal Berimpak Tinggi	12-13 August 2021 16 August 2021 17 August 2021
Ministry of KKR Home Affairs	Penyediaan Asas Penulisan Artikel	26-27 April 2018 5 May 2021

Ministry of Health	Penyediaan Proposal dan Asas Penyelidikan	15-16 January 2021 9 August 2020 16 January 2020
National Heart Institute	Academic Writing	17 April 2020 12 November 2019 13 July 2019
SPRM	Penilaian Inisiatif Anti Rasuah Perkhidmatan Awam	10 June 2020 19 February 2021
Ministry of Works	Jurulatih Penulisan Artikel Penyelidikan	17 March 2021 8- 9 September 2020 5 September 2018 25 April 2017 18 May 2016
INTAN	Tenaga Pengajar Siri 1 dan 2 Persediaan Pegawai INTAN	4-5 March 2019 8-9 April 2019
Ministry of Education	Interviewer For HLP Scholarship	2019 - present
Institut Aminudin Baki	Penerbitan Artikel Pegawai IAB	8-9 September 2020



Ministry of Works, 5th September 2018



Ministry of Health (2020)



Ministry of Communications and Multimedia with RTM (2020)



Talk on 'Acculturation of Research in the Public Sector' at INTAN Bukit Kiara, (4 September 2019)

15. SHARING EXPERTISE WITH NATIONAL INSTITUTIONS

1. IJN – National Heart Institute
2. ISN – National Sports Institute
3. JPA – Public Services Department
4. RTM - Radio and Television Malaysia
5. MARA - Majlis Amanah Rakyat
6. NIOSH - National Institute for Occupational Safety and Health
7. MIROS - Malaysia Institute for Road Safety
8. ILQAM - Institute of Leadership & Quality Management (UiTM)
9. JKSM - The Malaysian Syariah Judiciary
10. PETRONAS - Research Centre Bangi
11. MOH – Ministry of Health
12. Public and Private Higher Education Institutions



Workshop on research methodology at NIOSH, 29th June 2015



PETRONAS SDN BHD, 30th November 2015

16. TRAINING FOR POSTGRADUATE STUDENTS ABROAD

Organisation	Topic	Date
Khusyu University	Mendeley for Engineering	13 Dec.2014
Meiji University	Thesis Writing for Engineering	14 Dec. 2014
University of York	Keep On Track for Thesis Writing	14 Sep. 2014
Manchester (UK)	Thesis Writing and Article Management	16 Sep. 2014
Malaysia Hall (London)	Thesis Writing and Article Management	30 Oct. 2014
University of Copenhagen (Denmark)	Thesis Writing and Article Management	30 Oct. 2016
Malaysia Hall (Sydney)	Research Plan and Thesis Writing	1 May 2015
Institut Pendidikan Sultan Hasanal Bolkihah(Brunei)	Research Plan and Thesis Writing	28 May 2016



Free Workshop on Research Methodology to new UPM postgraduate students,
Dewan Kuliah Pusat UPM, 10 March 2018



Workshop With Malaysian Postgraduate Students on research methodology at Meiji
University, Japan (14th Dec. 2014)

Bengkel GOT UNISSA dapat sambutan



Antara mereka yang hadir pada bengkel tersebut.

PENINGKATAN jumlah pelajar pasca Islam di Universiti Islam Sultan Sharif Ali (UNISSA) setiap tahun telah

menunjukkan bahawa minat dan kecenderungan pelajar dalam bidang ini semakin memberangsangkan.

Oleh itu, bagi memastikan standard dan kualiti graduan yang bakal dilahirkan seiring dengan graduan antarabangsa, Pusat Pengajian Lepas Ijazah dengan kerjasama Unit Jaminan Kualiti UNISSA telah menganjurkan satu sesi bengkel 'hands on' yang diadakan di Dewan Auditorium, UNISSA baru-baru ini.

Bengkel tersebut disampaikan oleh seorang pakar Pendidikan Sains, Penulisan Tesis Pantas & Pengurusan Artikel yang didatangkan khas dari Negara Malaysia iaitu Dr Othman Talib, Pensyarah Kanan, Universiti Putra Malaysia.

Antara objektif bengkel ini dianjurkan adalah untuk meningkatkan kemahiran penyelidikan dalam kalangan pelajar, memberi pendedahan kepada pelajar tentang reka bentuk penyelidikan semasa dan terkini.

Seterusnya adalah bagi mendapatkan maklum balas dan ulasan daripada panel pakar terhadap kajian yang dijalankan oleh pelajar serta membincangkan cadangan dan strategi penambahbaikan yang difikirkan perlu terhadap kajian.

Pada hari pertama bengkel, Dr Othman

Talib menyampaikan module mengenai Pengurusan Artikel, Penulisan LR/ Kritis dan ZDOT (Zero Draft of Thesis). Manakala pada hari kedua pula, beliau menyampaikan module mengenai Pengurusan Atlas TI.

Bengkel ini telah mendapat sambutan yang sangat menggalakkan, di mana seramai 89 orang peserta yang terdiri daripada ahli akademik tempatan UNISSA, pelajar pasca siswazah UNISSA, Universiti Brunei Darussalam (UBD), Kolej Universiti Perguruan Ugama Seri Begawan (KUPU SB) dan juga beberapa orang pegawai kerajaan.

Bengkel diakhiri dengan penyampaian sijil kepada para peserta yang disempurnakan oleh Timbalan Rektor UNISSA, Dr Haji Mohammed Hussain bin Pehin Penyurat Haji Ahmad.

Bengkel ini merupakan salah satu usaha untuk meningkatkan lagi pengetahuan dan kemahiran tenaga akademik tempatan dan pelajar pasca siswazah UNISSA serta institusi tempatan dalam bidang penyelidikan. Bengkel ini diharapkan dapat memberi manfaat kepada pelajar dan dalam masa yang sama memberi pendedahan tentang dunia penyelidikan sebenarnya.

News in Brunei (1 August 2016) Highlighting Workshop by Dr Othman Talib

17. SPEAKER

No.	Institution	Topic	Date
1.	UTEM	Effective Supervision and Graduate On Time	07.09.2021
2.	Politeknik Behrang	Article Writing Enhancement	13.07.2021
3.	UPM Library	Research, Publication and Article Management	2016 - 2021
4.	UNISZA	Pemantapan Pelajar Siswazah	25.01.2021
5.	UPSI	Lepakademik	4.08. 2021
6.	Pusat Pembangunan Kemahiran Industri Kayu, Lembaga Perindustrian Kayu Malaysia	Written Instructional Materials	12.08.2020
7.	UTHM	Refreshment on Methodology	2-3.09.2020
8.	Kolej Vokasional Dato' Undang Hj. Muhamad Sharip, Rembau	Kajian Tindakan	25.08.2020
9.	Insititut Perguruan Tunku Bainon	Penulisan dan Penerbitan Buku	14.07.2020

10.	NIOSH - National Institute for Occupational Safety and Health	SPSS – Quantitative Data Analysis	29.06.2015
11.	Institut Sukan Negara, Bukit Jalil	How To Do Research	13.05.2015
12.	MIROS – Malaysia Institute for Road Safety	SPSS – Quantitative Data Analysis	06.10.2015
13.	Petronas Research Centre	Mendeley – Article management	29.11.2015
14.	Jabatan Kemajuan Islam Malaysia	Analisis Data Kualitatif ATLAS.ti	29-31.07.2015
15.	i-CODE UNISZA	Academic Writing Workshop	18.10.2015
16.	Department of Syariah Judiciary Malaysia, Putrajaya	Workshop on Research and Article Management	10-11.04.2014
17.	Institute of Leadership & Quality Management, UiTM Johor	Reference Manager Using Mendeley	25.06.2014
18.	Madrasah Al-Irsyad, Braddell Road, Singapore	Fundamental of SPSS	31.05.2014
19.	Postgraduate Students' Association, Health Campus, USM	Qualitative Data Analysis Using ATLAS.ti	13.05.2014
20.	Institute for Social Science Studies, UPM	Mendeley and Navigation Map	23.04.2014
21.	MARA Excellent Ventures Sdn Bhd	ICT and Multimedia in Chemistry Classroom	22.04.2014
22.	National Institute of Occupational Safety and Health (NIOSH), Bangi, Selangor	Workshop on Easy Research Writing	22.04.2014
23.	MARA Excellent Venture Sdn Bhd, Kuala Lumpur	Workshop on Research and Thesis Writing	15-18.04.2014
24.	Postgraduate Students' Association, Faculty of Islamic Studies, UKM	Workshop on Research and Thesis Writing	30.03.2014
25.	Faculty of Health Science, UiTM Puncak Alam, Selangor	Mendeley and Thesis Writing	03.06.2014
26.	Postgraduate Students' Association, Islamic Studies Academy, UM, Kuala Lumpur	Thesis Writing Workshop	24.01.2014
27.	Centre of Addiction Sciences, University of Malaya	SPSS and Statistics	01.07.2014
28.	Faculty of Accountancy, UiTM Merbok, Kedah	MS Word and Mendeley	23.12.2013
29.	Department of Syariah Judiciary Malaysia, Putrajaya	Workshop on Research and Article Management	11-13.12.2013

30.	Institute of Leadership & Quality Management, UiTM Johor	SPSS Workshop	18.11.2013
31.	National Institute of Public Admin. (INTAN), Bukit Kiara	Thesis Writing Workshop	23.10.2013
32.	Kolej Sains Kesihatan Bersekutu, Sg Buloh	Workshop on Research Methodology	17.10.2013
33.	Advanced Informatics School, UTM, Kuala Lumpur	Navigation Pane and Mendeley	10.04.2013
34.	Kolej Sains Kesihatan Bersekutu, Sg Buloh	Workshop on Research and ATLAS.ti	19-20.09.2013
35.	Deputy Vice Chancellor Office, Research and Innovation, UteM, Melaka	Preparing Thesis – Keep on Track Cycle	08.11.2013
36.	Centre of Academic Development, University Sultan Zainal Abidin, Terengganu	PhD Preparation Workshop	08.03.2013
37.	Faculty of Accountancy, UiTM, Shah Alam	MS Word and Mendeley	06.09. 2013
38.	The Deputy Vice Chancellor, UteM, Malacca	Research Methodology	27.05.2013
39.	Registrar Office, UteM, Malacca	PhD Preparation Workshop	23.02.2013
40.	Deputy Vice Chancellor Office – Research and Innovation, UteM, Malacca	Research Methodology	01.02.2013
41.	Institute of Leadership & Quality Management, UiTM Johor	Research Methodology	18.12.2011
42.	UiTM City Campus, Kota Bharu	Writing Literature Review and Document Map	27.11.2011
43.	Faculty of Information Science and Technology, UKM, Bangi	Tesis dan SPSS	07.04.2011
44.	School of Education and Social Development, UMS	Research Methodology and SPSS	25.06.2011
45.	Faculty of Education, UKM	SPSS Intensive Course	23.11.2010
46.	Faculty of Science and Technology, UPSI	Effective Writing Workshop	06.02.2010
47.	Faculty of Education, UKM	Using MS WORD to Manage Your Thesis	01.09.2010
48.	PETRONAS E-Learning Solution Level 5, Petronas Twin Towers KL	Multimedia Learning Theories	18.08.2008
49.	Faculty of Education, UKM	Document Map Workshop	24.02.2007



Guest Speaker at
Jabatan Penerangan Malaysia, Putrajaya, 9th Januari 2020

18. KEYNOTE SPEAKER

No.	Event/Organiser	Title	Date
1.	Great Teacher Seminar	Let's Make STEM Education Great Again	21.11.2020
2.	International Seminar on Academic Writing Technique and SCOPUS Journal	Article Publication in Scopus Journals	08.05.2020
3.	Malaysian International Convention on Education Research & Management 2020, Bangi, Selangor	Empowering Post Graduate Research	16.03.2020
4.	National Innovation and Invention Competition Through Exhibition (iCompEx'19)	Academic Writing	2019
5.	e-learning Colloquium 2015 (USIM)	Organic Chemistry: From CD to App	2015
6.	National Conference on Research and Innovation 2015 (NACRI 2015) – Polytechnic Tuanku Syed Sirajudin.	Think Inside / Outside the Box for Innovation	2015
7.	International Postgraduate Conference on Global Green Issue 2015 –UiTM Seri Iskandar	Preparing To Become A Researcher	2015

8.	Global Education Dialogue Seoul 2015 – organized by British Council and Elsevier	Everyone Can Do Research	2015
9.	4th International Conference on Research and Innovation in Information Systems (ICRIIS 2015)", UTM	Thesis Writing for Quantitative Analysis in Information System	2015
10.	MRSM Chemistry Education National Summit, MARA Excellent Ventures, De Palma, Ampang	ICT and Multimedia in Chemistry Classroom	22.04.2014
11.	Health and Life Science Postgraduate Conference 2014, Institute of Research in Molecular Medicine, USM	The Chemistry of Literature Search in Academic Writing	11.06.2014
12.	The 8th International Malaysian Educational Technology Convention 2014	Chemistry: Just My Simple Explicit Animation	03.11.2015
13.	e-learning Colloquium 2015 (USIM)	Organic Chemistry: From CD to App	21.01.2015
14.	National Conference on Research and Innovation (NACRI 2015)	Think Inside/Outside the Box for Innovation	13.10.2015

19. SELECTED PROCEEDINGS

1.	Othman Talib. (2003). The Construction of Animation and Students' Conceptual Change in Electrochemistry. Paper Presented at the International Bridging Programme (IBP), University of Adelaide, Adelaide, 28 May.
2.	Othman Talib, Matthews, R., & Secombe, M. (2004). Computer-Animated Instruction and Students' Conceptual Change. Paper Presented at the Educational Research Conference 2004, Flinders University, 18 November.
3.	Othman Talib, Matthews, R., & Secombe, M. (2004). Prototype Model of Computer-Animated Instruction: Enhancing Students' Conceptual Change Through Constructivist Animations. Paper presented at the Innovation, Research and Design Exhibition 2005, UPM, 16 April.
4.	Othman Talib, Matthews, R., (2005). Prototype Model of Computer-Animated Instruction in Electrochemistry. Paper presented at the International Conference on Future Directions in Science, Mathematics and Technical Education 2005, University Brunei Darussalam, 23-26 May.
5.	Othman Talib, Matthews, R., & Secombe, M. (2005). A Promising Alternative Tool in Bridging Theory - Practice Gap in Science Education. Paper presented at the International Conference on Science and Mathematics Education 2005, RECSAM, Penang, Malaysia, 6-8 December.

6.	Othman Talib, Nabila Abdullah, Wong Su Luan & Shah Christirani Azhar. (2007). What Makes A Good Science Student? Proceeding of the ICASE Asian Symposium 2007. Thailand, 6-7 Nov. 2007, 1-10.
7.	Othman Talib. (2008). Protocol Analysis of Chemistry Teachers in Solving Stoichiometric Problem. Proceeding of the ICASE Asian Symposium 2008, Kaohsiung, Taiwan, 20-23 Feb. 2008, 151.
8.	Othman Talib, Sarah Idris & Shah Christirani Azhar. (2008). Development and Evaluation of Inventory of Organic Mechanism Reactions. Proceeding of the National Education Conference 2008, UPSI, Malaysia, 2- 4 June, 2008.
9.	Othman Talib, Sarah Idris and Shah Christirani Azhar. (2008). Development of Inventory of Organic Reaction Mechanisms Prototype. Proceeding of the International Conference on the Education of Learner Diversity 2008, Putrajaya, Malaysia, 26-27 August, 2008.
10.	Othman Talib, Rosnaini Mahmud & Noor Farah Shahida Mohd Haris. (2008). M-Learning as Tools for Learners with Background Diversity. Paper presented at the International Conference on the Education of Learner Diversity 2008, Putrajaya, Malaysia, 26-27 August, 2008.
11.	Othman Talib, Shah Christirani Azhar & Sarah Idris. (2008). Computer Aided Self-Assessment – An Interactive Tool to Assess the Understanding of The Principal Concepts of Organic Reaction Mechanism. Paper presented at the Science and Mathematics Education Regional Conference 2008, Kajang, 1-3 December, 2008.
12.	Safizan Zainal Khairi, Saripah Salbiah Syed Abdul Azziz, Salihan Siais, Ilyas Md. Isa & Othman Talib. (21 Nov 2009). The Development & Evaluation Computer Animation Module for Electrolysis (CAME) for Form Four Science Students in Malaysia. Prosiding Kolokium Kebangsaan Pasca Siswazah Sains dan Matematik (National Science and Mathematics Postgraduate Colloquium Proceeding), UPSI, Tanjung Malim, Perak.
13.	Othman Talib, Tenku Putri Norishah dan Sarah Idris. (2010). Computer Aided Assessment as A Self-Management Tool for Understanding Organic Chemistry Concepts. Paper presented at the International Conference on Education and Management Technology, Egypt, 2-4 November 2010.
14.	Safizan Z. Khairi, Saripah Salbiah, Shahrizal, Norasikin Fabil, Maizatul Hayati & Othman Talib. (2010). DigiE: Penerokaan Elektrolisis (DigiE: Electrolysis Exploration). Prosiding Seminar Kebangsaan Aplikasi Sains & Matematik (National Science and Mathematics Apps Seminar Proceeding), 2010, vol 3: 255-362.
15.	Othman Talib, Tenku Putri Norishah. (2011). Simple Explicit Animation for Teaching Organic Chemistry. Paper presented at the ASERA, Adelaide, Australia, 28 – 30 June 2011.
16.	Widyawati Simarani, Rosini Abu, Othman Talib. (2011). Mnemonik Dalam Pengajaran dan Pembelajaran Ekonomi Rumah Tangga (Mnemonic in Teaching and Learning of Domestic Economy). Prosiding Seminar Majlis Dekan-Dekan Pendidikan IPTA 2011 (IPTA Education Deans Council Seminar Proceeding 2011), UPM, Serdang.
17.	Othman Talib, Tenku Putri Norishah, Azrul Hazri & Nor Alley Zulkafly. (2012). Integrating Performing Arts and Multimedia (ArtsMedia) in Teaching and Learning Primary Level Science Concept. Paper presented at the International Seminar in Science and Mathematics Education 2012, 5 - 8 September, Johore, Malaysia.

18.	Nazirah binti Mat Sin, Othman Talib & Tenku Putri Norishah. (2012). Merging of Game Principles and Learning Strategy using Apps for Science Subjects to Enhance Students' Interest and Understanding. Paper presented at the International Seminar in Science and Mathematics Education 2012, 5 - 8 September, Johore, Malaysia.
19.	Norita Hussain, Othman Talib, Tenku Putri Norishah. (2012). Effect Of Integrating Mind Mapping and Mnemonic Techniques in The Teaching Of Biology Using Needham's Five Phase Constructivism Model. Paper presented at the International Seminar in Science and Mathematics Education 2012, 5 - 8 September, Johore, Malaysia.
20.	Nazerin Ibrahim, Tenku Norishah Tenku Shariman and Othman Talib. (2013). The Concept of Digital Literacy from the Perspective of the Creative Multimedia Industry. Paper presented at the International Conference on Informatics and Creative Multimedia 2013, Sep 3-6, UTM, Kuala Lumpur.
21.	Rohayati Ismail, Ahmad Fauzi Mohd Ayub, Othman Talib. (2013). Budaya Penggunaan TMK dalam Kalangan Guru di Negeri Selangor (Culture in TMK Usage Among Teachers in Selangor). Paper presented at the Seminar Pasca Siswazah dalam Pendidikan (Postgraduate in Education Seminar), UPM. November 18, 2013, Serdang.
22.	Othman Talib, Tenku Norishah Tenku Shariman and Nur Alley Zulkefly. (2013). Understanding the Wonders of Sciences Through Creative Play. Paper Presented at the World Conference on Learning, Teaching and Education Leadership, 2013, Oct 27-29, Barcelona, Spain.

20. PAPERS PRESENTED (INTERNATIONAL)

	Authors	Title	Name Of Seminar/ Conference	Venue	Date
1.	Othman Talib, Tenku Putri, Azraai Othman	OCRA, Organic Chemistry Reaction App	Int. Conference Cognition and Exploratory Learning in Digital Age (CELDA 2017)	Algarve, Portugal	18 - 20, 10. 2017
2.	Othman Talib, Tenku Putri, Azraai Othman	The Organic Chemistry From CD to App	13th European Conference on e- Learning (ECEL 2014)	Aalborg University, Denmark	30-31.10. 2014
3.	Othman Talib, Tenku Putri, Azraai Othman	The Organic Chemistry Reaction Mobile Application	IT at Higher Education and Training 2014, (ITHET 2014)	University of York, UK	11- 13.09.2014
4.	Othman Talib, Tenku Norishah Tenku Shariman	Understanding the Wonders of Sciences Through Creative Play	The World Conference on Learning, Teaching and Education Leadership (WCLTL 2013)	Barcelona, Spain	27 - 29.10.2013

5.	Othman Talib, Mokhtar Nawawi, Wan Zah Wan Ali, Rosnaini Mahmud	Simple Explicit Animation (SEA) Approach in Teaching Organic Chemistry	The 3rd International Conference on Education and Educational Psychology (ICEEPSY 2012)	Istanbul, Turkey	10-13.10.2012
6.	Othman Talib, Tenku Putri Norishah	Simple Explicit Animation for Teaching Organic Chemistry	The Australasian Science Education Research Ass. (ASERA) Conference	Adelaide, Australia	28-30.06.2011
7.	Othman Talib, Tenku Putri Norishah & Sarah Idris	Computer-Aided Assessment as A Self- Management Tool for Understanding Organic Chemistry Concepts	The International Conference on Education and Management Technology	Cairo, Egypt	02-04.11.2010
8.	Othman Talib	Protocol Analysis of Chemistry Teachers in Solving Stoichiometric Problem	Proceeding of the ICASE Asian Symposium 2008	Kaohsiung, Taiwan	20-23.02.2008
9.	Othman Talib, Nabila Abdullah, Wong Su Luan & Shah C.	What Makes A Good Science Student?	The ICASE Asian Symposium 2007	Pattaya, Thailand	06-07.11.2007
10.	Othman Talib, Matthews, R. and Secombe, M.	Prototype Model of Computer-Animated Instruction in Electrochemistry	The International Conference on Future Directions in Science, Mathematics and Technical Education	University Brunei Darussalam	23.05.2005
11.	Othman Talib, Matthews, R., & Secombe, M.	Computer-Animated Instruction and Students' Conceptual Change	The Educational Research Conference 2004	Flinders University, Australia	18.11.2004
12	Othman Talib	The Construction of Animation and Students' Conceptual Change in Electrochemistry	The International Bridging Programme	University of Adelaide, Australia	28.05.2003



Int. Conference on Education and Educational Psychology, Istanbul, 2012



IT at Higher Education and Training International Conference, York, England, 2014



The World Conference on Learning, Teaching and Education Leadership, Argentina, Barcelona, 2013



14th International Conference Cognition and Exploratory Learning in Digital Age, Portugal, 2017

21. PAPERS PRESENTED (NATIONAL)

No	Authors	Title	Conference	Venue	Date
1.	Rohayati Ismail, Ahmad Fauzi Mohd Ayub, Othman Talib	Budaya Penggunaan TMK dalam Kalangan Guru di Negeri Selangor (Culture of TMK Usage Among Teachers in Selangor)	Seminar Pasca Siswazah dalam Pendidikan (Postgraduate in Education Seminar)	UPM, Serdang	18.11.13
2.	Nazerin Ibrahim, Tenku Norishah Tenku Shariman and Othman Talib	The Concept of Digital Literacy from the Perspective of the Creative Multimedia Industry	The International Conference on Informatics and Creative Multimedia	UTM, KUALA LUMPUR	03- 06.09.13
3.	Nazirah binti Mat Sin, Othman Talib & Tenku Putri Norishah	Merging of Game Principles and Learning Strategy using Apps for Science Subjects to Enhance Students' Interest and Understanding	The International Seminar in Science and Mathematics Education	Johore, Malaysia	05- 08.11.12
4.	Othman Talib, Tenku Putri Norishah, Azrul Hazri & Nor Alley Zulkafly	Integrating Performing Arts and Multimedia (ArtsMedia) in Teaching and Learning Primary Level Science Concept	The International Seminar in Science and Mathematics Education	Johore, Malaysia	05- 08.11.12
5.	Safizan Z. Khairi, Saripah Salbiah, Shahrizal, Norasikin Fabil, Maizatul Hayati & Othman Talib	DigiE: Penerokaan Elektrolisis (DigiE: Electrolysis Exploration).	Proceeding for National Seminar on Science and Mathematics Applications	Johore, Malaysia	08- 10.11.12
6.	Othman Talib, Shah Christirani Azhar & Sarah Idris	Computer Aided Self- Assessment – An Interactive Tool to Assess the Understanding of The Principal Concepts of Organic Reaction Mechanism	The Science and Mathematics Education Regional Conference	Kajang, Selangor	01- 03.12.08
7.	Othman Talib, Rosnaini Mahmud & Noor Farah Shahida Mohd Haris	M-Learning as Tools for Learners With Background Diversity	The International Conference on the Education of Learner Diversity	Putrajaya, Malaysia	26- 27.08.08
8.	Othman Talib, Sarah Idris and	Development of Inventory of Organic	The International Conference on	Putrajaya, Malaysia	26- 27.08.08

	Shah Christirani Azhar (2008)	Reaction Mechanisms Prototype	the Education of Learner Diversity		
9.	Othman Talib, Sarah Idris & Shah Christirani Azhar	Development and Evaluation of Inventory of Organic Mechanism Reactions	Proceeding of the National Education Conference	UPSI, Malaysia	02-04.06.08
10.	Othman Talib, Matthews, R., & Secombe, M.	A Promising Alternative Tool in Bridging Theory - Practice Gap in Science Education	The Conference on Science and Mathematics Education	RECSAM, Penang	06-08.12.05
11.	Othman Talib, Matthews, R., & Secombe, M. (2004)	Prototype Model of Computer-Animated Instruction: Enhancing Students' Conceptual Change Through Constructivist Animations	Paper presented at the Innovation, Research and Design Exhibition	University Putra Malaysia	16.04.05

22. PAPER PRESENTER AT CONFERENCES

No.	Conference	Venue	Date
1.	Information Technology at Higher Education and Training 2014, ITHET2014	University of York	11-13.09.2014
2.	Atlas.ti Demonstration	Faculty of Educational Studies, UPM	2014
3.	The World Conference on Learning, Teaching and Education Leadership	Barcelona, Spain	27.10.2013 - 29.10.2013
4.	Make Learning Fun Course	CADE, UPM	27.08.2013
5.	Commercialized Training	UPM/SRI International, Thistle Hotel, Port Dickson	03.06.2013–07.06.2013
6.	Outcome Based Education	Faculty of Educational Studies, UPM	02.09.2013
7.	3rd International Conference on Education and Educational Psychology	Istanbul, Turkey	10.10.2012–17.10.2012
8.	IPTA Education Deans Council Seminar	Faculty of Educational Studies, UPM	27.09.2011-28.09.2011

9.	Analysis Qualitative with Nvivo	Faculty of Education, UKM	23.02.2011- 24.02.2011
10.	Seminar in Educational Research and Human Resource Development	Faculty of Educational Studies, UPM	15.12.2010
11.	Ethics and Plagiarism in Teaching, Research and Publication	Briefing Hall, Administration Block UPM	11.05.2010
12.	Interview Skill Workshop	Federal Hotel, KL	04.05.2010- 06.05.2010
13.	Audit (APA)	DKFPP2, Faculty of Educational Studies, UPM	13 January 2010
14.	3rd International Malaysian Educational Technology Convention	Penang, Malaysia	24.10.2009 – 26.10.2009
15.	International Conference on Education Research and Practice (ICERP)	Marriot Hotel, Putrajaya	10.06.2009 – 11.06.2009
16.	SPSS Data Editor	IDEC, UPM	07.04.2009
17.	Nvivo For Qualitative Data Analysis	UTM, Jalan Semarak	15.04.2009- 16.04.2009
18.	2nd International Conference on e-Learning	UiTM, Shah Alam	01.12.2009- 02.12.2009
19.	Pedagogy in Mathematics Education	Mathematics Research, Institute of Mathematics	18.12.2008- 19.12.2008
20.	Conference of Asian Science Education 2008	Koahsiung, Taiwan	20.02.2008– 23.02.2008
21.	The National Education Conference 2008	UPSI, Tanjung Malim, Perak	02.06.2008 – 04.06.2008
22.	The Science and Mathematics Education Regional Conference 2008	Kajang, Malaysia	01.12.2008 – 03.12.2008
23.	Symposium of Science Education for All	Pattaya, Thailand	06.11.2007– 09.11.2007
24.	Postgraduate Supervision Workshop	Centre of Academic Development (CADE), UPM	28.05.2007- 29.05.2007

25.	Digital Video Editing and Streaming Course	Computer Centre, UPM	27.02.2007 – 28.02.2007
26.	Convention of Educational Technology	Langkawi, Malaysia	09.11.2006-11.11.2006
27.	International Conference on Computers in Education	Beijing, China	01.12.2006–04.12.2006
28.	International Conference on Science and Maths Education	Penang, Malaysia	06.12.2005–08.12.2005
29.	The International Conference on Future Directions in Science, Maths and Technical Education	University Brunei Darussalam	23.05.2005-26.05.2005
30.	The Educational Research Conference	Adelaide, Australia	18.11.2004-19.11.2004
31.	International Bridging Programme (IBP), University of Adelaide	Adelaide, Australia	28.05.2003
32.	National Conference of Teaching and Learning in Higher Education	Alor Star, Malaysia	09.10.2000-10.10.2000

23. INTERNATIONAL PRESENTATIONS

International Seminar on 'Academic Writing Technique and SCOPUS Journal Selection'	Indonesia (2020)
The European Conference on e-Learning 2014	Alborg University (Denmark)
IT at Higher Education and Training 2014	University of York (UK)
The World Conference on Learning, Teaching and Education Leadership 2013	University of Barcelona (Spain)
International Conference on Education and Educational Psychology (ICEEPSY 2012)	Istanbul (Turkey)
The Science Education Research Association Conference 2011	University of South Australia
The International Council of Associations for Science Education (ICASE) Asian Symposium 2008	Kaohsiung (Taiwan)
The International Council of Associations for Science Education (ICASE) Asian Symposium 2007	Pattaya (Thailand)
The International Conference on Future Directions in Science, Mathematics and Technical Education 2006	Uni. of Brunei Darussalam
The Educational Research Conference 2004	Flinders University (Australia)

The International Bridging Program 2003

Uni. of Adelaide
(Australia)



The European Conference on e-Learning 2014 (Copenhagen, Denmark)

24. JUDGE FOR EXHIBITIONS

1.	Research and Innovation Competiton, UTM Skudai	29 th August – 1 September 2021
2.	Konvensyen Penyelidikan, PLC dan Inovasi 1 2021 (Kon PPI 1 2021) Matrikulasi Malaysia	27 th July 2021

25. INTERNATIONAL RECOGNITIONS

	Title	Organizer/From	Award Type	Year
1.	Workshop on Thesis Writing (York, Manchester and London)	Director Education M'sia UK & Ireland, High Commission of Malaysia, London	Letter Of Appreciation	2014
2.	Appointment as Presenter/Advisor for Mendeley	Elsevier	Certificate	2014
3.	Appointment as Facilitator (Regional Manager of Southeast Asia)	Atlas.ti Scientific Software Development GmbH, Berlin, Germany	Letter Of Appointment as Facilitator	2013

26. INSTRUMENT VALIDATOR/EXPERT PANEL

	Subjects	Role	Level	Organizer	Year
1.	Instrument Content Validation	Item Validation	PhD	UMS	2021
2.	Instrument Content Validation	Item Validation	Master	UPSI	2021
3.	Pemurnian Instrumen	Item Validation	FRGS	USIM	2020
4.	Conceptual Design Model of Assistive Courseware for Vision Learners	Coding Expert	PhD	UUM	2014
5.	Formulating Islamic Quality Management Framework in Malaysia	Item Reviewer	PhD	UiTM, Shah Alam	2014
6.	Self-Concept Module	Instrument Validator	PhD	UM, Kuala Lumpur	2013
7.	Job Satisfaction of Secondary School Teachers	Item Validation	MSc	UPM, Serdang	2013
8.	Instructional Technology	Subject Matter Expert	MSc	Open University Malaysia	2012
9.	Instructional Technology	Subject Matter Expert	MSc	Open University Malaysia	2011
10.	Satisfaction Model of Malaysian Government SMS Users' Gate	Delphi Panel Expert	PhD	UKM, Bangi	2011

27. JOURNAL REVIEWER

	Journals	Year	Organisation
1.	Journal Of Science and Mathematics	2009	Sultan Idris Educational University, Malaysia
2.	Journal Of Applied Research in Education	2010	University Brunei Darussalam
3.	Jurnal Pendidikan Malaysia	2014	University Kebangsaan Malaysia
4.	Malaysia Correctional Journal	2019 - present	Malaysian Prison Department, Ministry of Home Affairs
5.	ESL Practitioners Journal	2019 - present	English Language Teaching Centre, MOE
6.	Pertanika	2021	University Putra Malaysia
7.	PLoS ONE	2021	PLoS One

28. PROFESSIONAL ASSOCIATIONS/COMMUNITY SERVICES

No.	Name	Role
1.	Member of Association of Technical & Vocational Education Malaysia	Member
2.	ATLAS.ti – Scientific Software Development GmbH, Berlin, Germany	Facilitator
3.	Member of World Wild Foundation (WWF)	Member
4.	UPM Consultancy and Services Sdn Bhd	Consultant
5.	Mendeley, Ltd (London, New York)	Presenter/Facilitator
6.	Member of National Kidney Foundation	Member
7.	ASIA-PACIFIC Society for Computer in Education	Member
8.	UNICEF	Member



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Workshop for Malaysian Postgraduate Students at Malaysia Hall, London, UK 2014