PERSONAL DETAILS

Name	**:** Norasykin Binti Mohd Zaid
Gender	: Female
Date of Birth	: 25 April 1978
Nationality	: Malaysian
Marital Status	: Married

Permanent **:** 11060 Jalan Tiong 5,
Address   Bandar Putra, 81000 Kulai,
     Johor, MALAYSIA.

Correspondent : Department of Educational Sciences, Mathematics, and Creative
     Multimedia
Address   School of Education
     Faculty of Social Sciences and Humanities,
     Universiti Teknologi Malaysia
     81310 UTM Johor Bahru
     Johor, MALAYSIA.

Tel   : (Mobile): (611) 65411060(Office): (607) 553-4365
     (Fax): (607) 556-0542
E-mail   : norasykin@utm.my, sykin.utm@gmail.com
Website   : people.utm.my/norasykin/
ID Staff   9348

Expertise   : Online Learning and Multimedia in Education

ACADEMIC QUALIFICATIONS

2013   : Ph.D.
     University of Wollongong
     Informatics (Web)
     *PhD's Thesis: An Ontology-Based Search Framework to Improve Academic
     Database Retrieval for Novice Researchers*

2006   : M.Ed.
     Universiti Teknologi Malaysia
     Education (Educational Technology)
     *Master's Thesis: Problem Solving Techniques in Learning Computer Programming
     Subjects Within Students of Faculty of Education*

2001   : B.Sc.
                          Universiti Teknologi Malaysia
                          Computer (Multimedia) (Hons)
                          Undergraduate's Thesis: Furniture Arrangement System Using Virtual
                          Reality

WORKING EXPERIENCE

1.   Industrial training at SMK Bandara Putra, Jalan Nuri 9, 81000 Kulai, Johor. 1 August 2016 until 30 November 2016 (Phase 1), 1 April 2017 until 30 November 2017 (Phase 2).

2.   Senior Lecturer – Universiti Teknology Malaysia - 2 May 2013 – to date

3.   Lecturer – Universiti Teknology Malaysia - 21 June 2006 to 1 May 2013

4.   Tutor – Universiti Teknology Malaysia - 13 October 2003 to 21 June 2006

5.   Lecturer – Modal Bistari Sdn Bhd – June 2001 to 12 October 2003

6.   Multimedia Programmer – i-Venture Malaysia Sdn Bhd – May 2000 to Feb 2001

AWARD AND HONORS RECEIVED

1.   People Choice Winner Award in New Academia Learning Innovation 2021 (NALI2021)

2.   Gold Award in Micro-credential Competition: "Digital Video Editing: Free and Easy". New Academia Learning Innovation 2021 (NALI2021)

3.   December 2021 – Faculty of Social Sciences and Humanities: Excellent Service Awards, 2020.

4.   December 2020 – Faculty of Social Sciences and Humanities: Excellent Service Awards, 2019.

5.   Active Blended Learning Course - Award of Excellence – SHPP2102-04 – Multimedia Software Development - Semester 1 - 2020/2021

6.   Active Blended Learning Course - Award of Excellence – SPPP2102-05 – Multimedia Software Development - Semester 1 – 2020/2021

7.   Active Blended Learning Course - Award of Excellence – SPPP2333-01 – Multimedia Software Development - Semester 1 - 2020/2021

8.   Active Blended Learning Course - Award of Excellence – SHPP2333-01 – Multimedia Software Development - Semester 2 - 2020/2021

9.   Active Blended Learning Course - Award of Excellence – SHPP2333-04 – Multimedia Software Development - Semester 2 - 2020/2021

10. Active Blended Learning Course - Award of Excellence – SHPP2343-02 – Multimedia Software Development - Semester 2 - 2020/2021

11. Star Rating Award: 4 Star: Year 6 Student Learning Skills Knowledge Transfer Program, Sekolah Kebangsaan Indahpura 1, Kulai, Johor. 2019.

12. Active Blended Learning Course - Award of Excellence - SPPM4303-01 – Multimedia Software Development - Semester 1 - 2019/2020

13. Active Blended Learning Course - Award of Excellence - SPPP2333-01 - Authoring Language and Mobile Apps Development - Semester 1 - 2019/2020

14. Active Blended Learning Course - Award of Excellence - SPPM2343-02 – Authoring Language and System Development - Semester 1 - 2019/2020

15. Active Blended Learning Course - Award of Excellence – MPPU1060-01 - Research Method and data Analysis - Semester 1 - 2019/2020

16. Active Blended Learning Course – Award of Excellence – MPPU1060-01 – Research Method and data Analysis - Semester 2 – 2018/2019

17. Active Blended Learning Course – Award of Excellence – SPPP2333-02 & SPPP2333-02 – Authoring Language and Mobile Apps Development - Semester 2 – 2018/2019

18. Active Blended Learning Course – Award of Excellence – MPPU1003-03 – Innovations in Learning and Teaching - Semester 2 – 2017/201

19. Active Blended Learning Course – Award of Excellence – SPPM2332-01 – Authoring Language - Semester 2 – 2017/2018

20. December 2015 – Bronze Medal Award in National University Carnival on E-Learning (NUCEL 2015) – "Mobile Learning Apps (HOTs FLASH): The Application of Higher Order Thinking Skill Elements (HOTs) through Problem-Based Learning Approach".

21. December 2015 – Bronze Medal Award in National University Carnival on E-Learning (NUCEL 2015) – "Augmented Reality Engineering Drawing Kit".

22. December 2015 – Silver Medal Award in National University Carnival on E-Learning (NUCEL 2015) – "VizPhoto Mobile DSLR: Basic Guider"

23. October 2015 – Silver Medal Award in International Invention, Innovation & Design Competition (IIID Johor 2015) – "Mobile Learning Apps (HOTs FLASH): The Application of Higher Order Thinking Skill Elements (HOTs) through Problem-Based Learning Approach".

24. October 2015 – Gold Medal Award in International Invention, Innovation & Design Competition (IIID Johor 2015) – "e-volley: spike/serve/dig".

25. August 2015 – Bronze Medal Award in Innovative Practices in Higher Education

Expo (i-Phex 2015) – "The Application of Higher Order Thinking Skill Elements (HOTs) through Problem-Based Learning Approach using Mobile Learning Apps (HOTS Flash)".

26. August 2015 – Silver Medal Award in Innovative Practices in Higher Education Expo (i-Phex 2015) – "Self-Development Teaching Module".

27. Jun 2015 – UTM Excellent Service Awards, 2014.

28. May 2015 – Appreciation Award in 5th International Conference on e-learning 2015 (ICEL 2015)

29. May 2014 – Silver Medal Award in Research, Higher Education Expo (i-Phex 2014)

30. September 2010 – Awarded in the SCSSE & SISAT Trade Show and Research Showcase, An Encouragement Award for the most highly recommended poster, University of Wollongong.

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

1. Members, International Society for Educational Initiatives (ISEI) 30 Nov 2021

2. Members, IEEE Malaysia Section, March 2019

3. Members, Science and Mathematics Education Association – Johor (for life)

4. Members, Association for Information systems, Jan 2014

5. Members, Mobile Learning Association of Malaysia (for life).

6. Members, Malaysian Educational Technology Association, 2006.

ADMINISTRATIVE EXPERIENCE

University Level

1. Academic Manager (Undergraduate Program) June – August 2016

2. Academic Manager (Taught Course) May 2015 – May 2016

Faculty/School Level

1. Program Coordinator for Educational Technology 2018 – to date

1. Program Coordinator for Educational Technology (Special Program) 2019 – to date

2. Coordinator – Committee of Branding & Marketing, School of Education 1 Feb 2019 – to 30 June 2021

3. Program Coordinator for Educational Technology May 2013 – May 2015

4. January 2016 – OBE System Facilitator

5. 1 May 2013- 14 Feb 2015 - Programme Coordinator, Educational Technology Programme, Faculty of Education, Universiti Teknologi Malaysia.

6. Course Coordinator – Research Methods and Data Analysis (MPU0020/PPU0020/MPPU1060/MPPU1074) for Semester I & II 2015/2016

7. Course Coordinator – Authoring System (MPPP1223) for Semester I 2015/2016

8. Course Coordinator – Authoring System (MPT1193/MPPP1223) for Semester II 2014/2015

9. Course Coordinator – Authoring System (MPT1193) for Semester I 2014/2015

10. Jan 2013 - Editor of the Technology Journals and MEDC Journals, 2012. UTM.J.31/10.14/36 (16).

11. 2007– 2009 - Interactive Lab Supervisor, Faculty of Education, UTM

OTHERS EXPERIENCE

APPOINTMENT/COMMITTEE

1. Task Force of Branding and Marketing 2020-2021

2. Quality Audit Task Force 2019-2021

3. Task Force of Code of Practice for Institutional Audit (COPPIA), 2021

4. Task Force of Malaysia Research Assessment (MyRa) 2019-2021

5. Task Force of Malaysia Research Assessment (MyRA) 2015 Committee

6. Committee Members – Research Study, School of Education – 1 Jull 2018 to 30 June 2020

7. Committee Members – Academic Quality - School of Education – 1 July 2018 to

30 June 2020

8. Committee Members - Preparation of COPPIA 2018 Evidence Materials – 18 July 2018 – 31 July 2019

9. Task Force of STEM Travel & Rhythmic Talk Program in Conjunction with the National Language Decade Movement 2019. 14 October 2019. Aeon Dato Onn

10. Committee of Postgraduate Information Day UTM Johor Bahru. 22 December 2019. Student Recruitment and Admission. UTM JB

11. Career Education Exhibition Committee, Kolej Matrikulasi Perak Sesi 2019/2020. 22-23 November 2019. Kolej Matrikulasi Perak.

12. Examiner PSM2. 15 May 2019. Lecturer Room, School of Education, FSSH, UTMJB.

13. Jury - Graduate Research Exhibition Competition 2019. 21 March 2019. Lobby Block F54, UTMJB.

14. Supervisor Action Research (Cluster: Excellence School) – Public University. October 2018

15. Jury UTM New Academia Learning Innovation Award (NALI 2018). 25 & 26 September 2018. UTMJB.

16. Editor of Innovative Teaching and Learning Journal (ITLJ) Volume 2-2 2019

17. Judge for the Poster Presentation Competition in 5 Th International Biotechnology Competitions and Exhibition (IBCEx 2019). Dewan Sultan Iskandar, UTM Johor Bahru. Date 5 April 2019

18. Jury of Graduate Research Student Exhibition (GREx) 2019. SPS, Blok F54, UTM. Date: 21st March 2019

19. Committee Members of International Conference on Creative and Innovative Technology in Education 2018 (i-CITE 2018)

20. JURY of NALI 2018 AWARD AND UNIVERSITY-INDUSTRY NETWORK AWARD. Dewan Sultan Iskandar, UTM Johor Bahru. Date: 25 September 2018

21. Industrial training at SMK Bandara Putra, Jalan Nuri 9, 81000 Kulai, Johor. 1 August 2016 until 30 November 2016 (Phase 1), 1 April 2017 until 30 November 2017 (Phase 2).

22. Committee Members of International University Carnival on E-Learning (IUCEL) 2017

23. 15 Feb 2015-14 Feb 2017 – Committee Members of Academic for Faculty of Education, UTM

24. Mac 2013 - Evidence Collection Task Force Committee. Self- Assessment Report (SAR) 2013. UTM.J.31/13.10/4 (82).

25. 15 Feb 2015-14 Feb 2017 – Committee Members of Management for Faculty of Education, UTM

26. Outcome Based Education System (OBE) – Resource Officer for Faculty of Education, UTM Johor Bahru.

27. Committee Members of Innovative Practices in Education and Industry Exhibition (i-PEINX 2016)

28. Committee Members of "1st International Conference on Education and Higher Order Thinking Skills (ICE-HOTS) 2016 "28-30 March 2016

29. Committee Members of "International Education Postgraduate Students" (IEPS2015) 2015 "20-21 Dec 2015

30. Chairperson of 1st International Conference on Educational Studies (ICES 2015) 3 June 2015.

31. Speaker of Postgraduate Study Program of Faculty of Education, Universiti Teknologi Malaysia at Universitas Negeri Yogyakarta, Indonesia on 9th November 2015.

32. Jury: Adobe Photoshop Poster Competition in conjunction with the Johor Bahru District Resource Centre Carnival. Sekolah Menengah Kebangsaan Sultan Ismail, Johor Bahru pada 28 October 2015.

33. Assistant Chairman of Spirit of Togetherness Camp, Faculty of Education, 28-30 September 2015.

34. In-Hospital School Volunteer Program Phase 2/Siri 2 Jun 2015 di Hospital Sultanah Aminah Johor Bahru, Johor. Organizer: Yayasan Nurul Yaqeen.

35. 12 March 2015 – Committee Members of "Dokumen Penyediaan Anugerah Kualiti Akademik (AKA) 2015" for Faculty of Education, UTM

36. International Conference on Learning and Teaching in Computing and Engineering (LaTiCE) in conjunction with Regional Conference in Engineering Education & Research in Higher Education (RCEE & RHEd) 11 – 13 April 2014.

37. International Seminar on Technical and Vocational Education (TVEIS" 2014) 16 April 2014 – 31 December 2014.

38. Konvesyen Antarabangsa Jiwa Pendidik (2014) 20 April 2014 – 31 December 2014.

39. Producing Version 2 document of Blossom - 11 November 2014 – 12 November 2014.

40. International Business Information Management Association (24th IBIMA) - 22 September 2014 – 31 December 2014.

41. Producing Version 3 document of Blossom - 11 December 2014.

42. International Graduate Conference on Engineering, Science and Humanity (IGCESH) 30 Mac 2014 – 31 December 2014.

43. Mac 2013 - Evidence Collection Task Force Committee. Self- Assessment Report (SAR) 2013. UTM.J.31/13.10/4 (82).

44. June 2007 – May 2009 - Committee Members of "Unit of Excellent for Teaching & Learning, Faculty of Education"

45. June 2007 – 31 May 2009 - Committee Members of "Assessment & Evaluation of Faculty of Education"

46. 2007 – 2009 - Coordinator of Academic Timetable for Lecturers of Department of Education Multimedia, Faculty of Education, UTM.

47. 2007 - Committee Members of "Pameran Hari Pendidik 2007".

48. 2006 - Committee Members of "Task Force 5 (Staff Academic)" at Faculty of Education, UTM Johor Bahru.

49. Assistant Secretary of 1st International Malaysian Educational Technology Conference, Faculty of Education, 2-5 November 2007.

50. 8-10 December 2006 - Assistant Treasury of Technical Vocational Education Conference (TVE), Faculty of Education

51. 2006 - Committee Members of "Pameran Hari Kualiti UTM 2006".

52. 2006 - Judges of "Competition of CD-ROM and Web Based Multimedia Software Development 2006" 16 October 2006.

53. 21-22 April 2004 - Marketing committee of Academic Programme of Faculty of Education, UTM at SMK Simpang Renggam

54. 21-22 April 2004 – Marketing committee of Academic Programme of Faculty of Education, UTM at SMT Perdagangan, Johor Bahru

55. 2004 - Committee Members of Bulletin Faculty of Education 2004/2005

56. 19 – 21 October 2003 - Reporter of "Seminar Memperkasakan Sistem Pendidikan", Puteri Pan Pacific Hotel, Johor Bahru

57. Committee Members of PowerPoint Presentation "Visiting of Vice Chancellor (Academic) to Faculty of Education", UTM

RESEARCH ACTIVITIES

RESEARCH PROJECT UNDERTAKEN

1. **Project Leader**, Effectiveness of Asynchronous Learning using Video-Based Learning. Budget approved RM5,000 (Vote R.J130000.7653.4C436) 2020 – In Progress

2. Member, Framework of Self-Regulated Arabic Vocabulary Learning Strategies - In Gamification Learning Environment Budget approved RM 64,700 (Vote R.J130000.7810.5F324) 2020 – In Progress

3. Member, A Framework of Innovative Future School based on Education Big Data and Activity Theory for Secondary Education in Malaysia Budget approved RM 71,600 (Vote R.J130000.7853.5F310) 2020 – In Progress

4. **Project Leader**, Integration of Peer Instruction in Online Social Network Environment to Enhance Higher Order Thinking Skills. Budget approved RM 10,000 (Vote R.J130000.7731.4J246) 2016 – Completed

5. **Project Leader**, Scaffolding Framework in Communication Process of Learning Using Blossoms. Budget approved RM 30,000 (Vote R.J130000.7331.4J157) 2015
- Completed

6. **Project Leader**, Learning Exploration through Problem Based Learning Method to Improve Higher Order Thinking Skills. Budget approved RM 20,000 (Vote Q.J130000.2631.10J81) 2014 - Completed

7. **Project Leader**, Integrating BLOSSOMS as a Pedagogical Tool for Interactive Instruction: Improving Students Thinking Skills. Budget approved RM 30,000 (Vote Q.J130000.2431.00G83) 2013 - Completed

8. Member, The Effectiveness of "Young Innovate Program" On Students" Interest and Success in Stem. Budget approved RM 50,000 (Vote Q.J130000.2531.13H68)

9. Member, Scarletcare: A Framework of Social Capital Integration for Effective Breastfeeding Peer Support Networking Program (BFPSNP) To Reinforce Breastfeeding Advocacy Initiatives in Malaysia. Budget approved RM 30,000 (Vote Q.J130000.2531.15H57)

10. Member, the Relation of BLOSSOMS and 21st Century Learning Aspirations. Budget approved RM 30,000 (Vote R.J130000.7331.4J158)

11. Member, Collaborative Strategy in Learning Chemistry through Blossom. Budget approved RM 30,000 (Vote R.J130000.7331.4J156)

12. Member, Piawaian Strategi Service Learning Berfokuskan Displin Dalam Academia Baru. Budget approved RM 15,000 (Vot R.J130000.7731.4J152)

13. Member, User Models of Students Social Interaction in E-Learning Based on Learning Orientation Profile. Budget approved RM 52,200 (Vote R.J130000.7831.4F246)

14. Member, Designing 21st Century Learning Spaces. Budget approved RM 20,000 (Vote R.J130000.7731.4J139)

15. Member, Peer Tutoring Teaching Model in Social Networking Sites to Enhance Students' Critical Thinking Among Higher Education Students. Budget approved RM 20000 (Vote R.J130000.7731.4J132)

16. Member, Learning Analytics: Predicting Postgraduate Students Graduation. Budget approved RM 20,000 (Vote R.J130000.7731.4J129)

17. Member, Recognition of Students Pattern of Metacognitive Knowledge Strategies in Online Learning. Budget approved RM 20,000 (Vote Q.J130000.2631.10J58)

18. Member, Students' Holistic Learning Process through Social Networking Site in Higher Education. Budget approved RM 20,000 (Vote Q.J130000.2531.09H30)

FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS FUND)

1. Member, Tanggungjawab Sosial Universiti (University Social Responsibility): Model Dan Perlaksanaan Bagi Menyokong Matlamat Pembangunan Lestari (Sustainable Development Goals). Budget approved RM70,000 (Vote Q.J130000.2509.21H20) - In Progress

2. Member, Framework of Gamified Storytelling in Social Learning Environment for Enhancing Student Collaborative Problem Solving Skills. Budget approved RM50,000 (Vote Q.J130000.3853.19J12) - In Progress

3. Member, Framework of Gamification to Support Self-Directed Learning in a Blended Learning Environment. Budget approved RM50,000 (Vote Q.J130000.3810.19J64) - In Progress

4. Member, Player Motivation and Gamigication Elements Framework That Enhance Science Learning. Budget approved RM 46,640 (Vot R.J130000.7816.4F937)

5. Member, Development of A Substantive Theory On The Interrelation And Interaction Among Pertinent Elements Of Critical Thinking And Mathematical Thinking In Real-World Engineering Practice For Engineering Education. Budget approved RM 60,200 (Vot R.J130000.7831.4F912)

6. **Project Leader**, Kerangka pendekatan pembelajaran berasaskan projek dalam "flipped classroom" berdasarkan gaya pembelajaran pelajar. Budget approved RM 62,000 (Vot R.J130000.7831.4F909) 2016 – Approved

7. **Project Leader**, Framework of Online Social Network Among Non-Technology Learners. Budget approved RM 68,200 (Vote R.J130000.7831.4F442) 2014 - Completed

8. Member, Technology-enhanced knowledge community model for promoting critical thinking. Budget approved RM 50,000 (Vote R.J130000.7831.4F171)

9. Member, Framework for Meaningful Interaction in Social Learning Environment. Budget approved RM 69,200 (Vote R.J130000.7831.4F604)

10. Member, Development of Model for Learning Science Using Cognitive Conflict Video Based Instruction to Overcome Student Misconception. Budget approved RM 68,200 (Vote R.J130000.7831.4F456)

11. Member, User Models of Students Social Interaction in E-Learning Based on Learning Orientation Profile. Budget approved RM 52,200 (Vot R.J130000.7831.4F246)

NETWORKING GRANT (NG)

1. **Project Leader**, Program Pemindahan Ilmu Kemahiran Belajar Murid Tahun 6 Sekolah Kebangsaan Indahpura 1 (Vot S.J130000.7353.4X490) 2019 – Completed

2. **Member**, Program Kem Kecemerlangan Akademik Dan Pemantapan Sahsiah Murid Sek Men Keb Seri Pulai Perdana (Vot S.J130000.7353.4X489) 2019 - Completed

TEACHING ACTIVITIES

Undergraduate:

Semester	Sem	Code	Course	Credit
20192020	2	SPPP2343	Information Management System and Database Development	3
20192020	2	SPPP2333	Authoring Language and Mobile Apps Development	3
20192020	2	SPPM4303	Multimedia Software Development	3
20192020	1	SPPP2343	Information Management System And Database Development	3
20192020	1	SPPP2333	Authoring Language and Mobile Apps Development	3
20192020	1	UHPP0010	Research Methodology and Data Analysis	0
20192020	1	SPPM4303	Multimedia Software Development	3
20182019	2	SPPP1042	Educational Technology	2
20182019	2	SPPP2333	Authoring Language and Mobile Apps Development	3

20182019	2	SPPP2333	Authoring Language and Mobile Apps Development	3
20182019	1	SPPP2102	Programming Language (Section 02)	2
20182019	1	SPPP2102	Programming Language (Section 03)	2
20172018	2	SPPM2332	Authoring Language	2
20152016	2	SPPM1013	Telecommunication adn Networking	3
20122013	2	SPPM2342	Information Management System in Education	2
20122013	2	SPA3008	Latihan Mengajar (Teaching Practice)	8
20122013	2	SPM3122	Programming Language III	2
20122013	1	SPPM1002	Teaching And Learning Technology	2
20122013	1	SPM4712	Teaching Methods in Computer Science	2
20072008	2	SPM2102	Programming Language I	2
20072008	2	SPM2102	Programming Language I	2
20072008	2	SPM3122	Programming Language III	2
20072008	2	SPM3122	Programming Language III	2
20072008	2	SPM3122	Programming Language III	2
20072008	2	SPM3122	Programming Language III	2
20072008	2	SPM3122	Programming Language III	2
20072008	1	LPM1443	ICT In Education	3
20072008	1	SPM1012	Telecommunication And Networking	2
20072008	1	SPM1012	Telecommunication And Networking	2
20072008	1	SPM4332	CD-ROM Based Multimedia Development	2
20062007	2	SPM3122	Programming Language III	2
20062007	2	SPM1012	Telecommunication And Networking	2
20062007	2	SPM1012	Telecommunication And Networking	2
20062007	2	SPM3112	Programming Language II	2
20062007	1	SPU4902	Projek Sarjana Muda 1	2
20062007	1	SPM1012	Telecommunication And Networking	2
20062007	1	SPM4332	CD-ROM Based Multimedia Development	2

Postgraduate:

Semester	Sem	Code	e	Credit
20192020	2	MPPP1213	Technology And Media Design	3
20192020	2	MPPP1223	Authoring Language	3
20192020	1	MPPU1074	Research Methodology and Data Analysis in Education	4
20192020	1	UHPP0010	Research Methodology and Data Analysis	0
20182019	2	MPPU1060	Research Method and Data Analysis	0
20182019	2	MPPU1074	Research Method and Data Analysis in Education	0
20182019	1	MPPU1070	Critical Analysis	0
20182019	1	MPPP1423	Best Practices of Teaching and Learning in New Learning Media	1
20182019	1	MPPU1074	Research Method and Data Analysis in	4

Semester	Sem	Code	Subject	Credit
			Education	
20182019	1	MPPU1060	Research Method and Data Analysis	
20172018	2	MPT1203	Technology and Media Design	3
20172018	2	MPPP1213	Technology and Media Design	3
20172018	2	MPPU1003	Innovation in Learning and Teaching	3
20172018	2	MPPU1074	Research Method and Data Analysis in Education	4
20152016	2	MPPP1223	Authoring Language	3
20152016	2	MPPU1080	Academic Writing	0
20152016	2	MPPP1223	Authoring System	3
20152016	1	MPPP1223	Authoring System	3
20152016	1	MPPU1080	Academic Writing	0
20152016	1	MPPT1105	Research Study 1	5
20152016	1	MPPT1205	Research Study 2	5
20142015	2	MPPP1223	Authoring System	3
20142015	2	MPPT1105	Research Study 1	5
20142015	2	MPPU1080	Academic Writing	0
20142015	1	MPPP1223/ MPT1193	Authoring System	3
20132014	2	MPT1193	Authoring System	3
20132014	2	MPT1293	CD-ROM based Multimedia Development	3
20132014	2	MPT1514	Research Study 1	4
20132014	2	MPT1524	Research Study 2	4
20122013	2	MPT1293	CD-ROM based Multimedia Development	3

OFFSHORE/SPECIAL programme:

Semester	Sem	Code	Subject	Location	Credit
20192020	2	MPPP1213	Authoring Language	JB	3
20142015	2	MPPP1373	Visual Technology Production	Melaka	3
20132014	2	MPT1193	Authoring Language	Muar	3

SPACE programme:

Semester	Sem	Code	Subject	Credit
20192020	1	SPPM4342	Pembangunan Multimedia Berdasarkan Web	2
20182019	2	SPPM4342	Pembangunan Multimedia Berdasarkan Web	2
20152016	2	SPM2322	Authoring Language	2
20152016	2	SPPM2102	Programming Language 1	2
20142015	2	SPM2102	Programming Language 1	2
20142015	2	SPM2322	Authoring Language	2
20142015	2	SPM2303	Graphics, Animation & Video Digital Technology	3
20142015	1	SPM2102	Programming Language 1	2
20062007	2	SPM4332	CD-ROM Based Multimedia Development	2
20062007	1	SPM4332	CD-ROM Based Multimedia Development	2

SUPERVISION

PhD Student

No.	Year	Name	Title	Status	Roles of Supervision
1	2015/2015/1	Ismaliza Binti Ismail	An Adaptive and Personalized Module Of Mobile Learning Tool Based on Student"s Learning Style	Ongoing	Main Supervisor
2	2014/2015/2	Fatimah Sarah Binti Yaacob	Student's Interaction to Enhance Student's Critical Thinking in Mobile Learning Environment Through Task-Based Learning Approach	Ongoing	Main Supervisor
3	2014/2015/1	Junaidah Binti Yusup	Establishing Social Based Learning Environment Based on Holistic Approach to Enhanced Critical Thinking	Ongoing	Main Supervisor
4	2014/2015/1	Ang Swee Wen	The Social Constructivism Flipped Classroom Model on Students" Computing Problem Solving Skill In Malaysian Education Setting	Ongoing	Co-Sv
5	2014/2015/2	Diyana Binti Jamari	Kesan Pembelajaran Berasaskan Kes dan Bimbingan Metakognitif menerusi Media Sosial terhadap Tahap Pengetahuan dan Keupayaan Penyelesaian Masalah	Graduated	Co-Sv Synergy
6	2013/2014/2	Azlina Binti A. Rahman	Kesan Kaedah Flipped Classroom Menerusi Pembelajaran Berasaskan Projek ke atas Pencapaian dan Gaya Pembelajaran Pelajar	Graduated	Co-Sv Synergy
7	2013/2014/2	Mageswaran A/L Sanmugam	Effects Of Gamification on Achievement, Engagement And Intrinsic Motivation Among Students Of Different Player Traits In Science Learning	Graduated	Co-Sv Synergy
8	2013/2014/2	Salihuddin Bin Md.	Pembangunan dan	Graduated	Co-Sv

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No	Year	Name	Title	Status	Type	Roles of Supervision
		Suhadi	Keberkesanan Persekitaran e-Pembelajaran Kaedah Sokratik			Synergy
9	2013/2014/2	Suhaimi Bin Zakaria @ Othman	Kesan Model Rotasi Stesen Pengajaran (MRSP120) dalam Persekitaran Pembelajaran Bermakna bagi Memperkukuh Kemahiran Berfikir Aras Tinggi	Graduated		Co-Sv Synergy
10	2014/2015/1	Muhammad Nur S.Pd M.Pd		KBTT		Co-Sv

MSc. Student

No	Year	Name	Title	Status	Type	Roles of Supervision
1.	2020	Siti Faezah Bt Ahmad Sazali	Passivo-passive voice vs traditional instruction in teaching passive voice among Johor Politeknik student	Ongoing	Taught Course	Main Supervisor
2.	2019	Mohd Dramanti Santri Bin Rohani	Nilam Project	Ongoing	Mixed-Mode	Main Supervisor
3.	2017	Kamarul Aina Binti Mohamed	The Using of Video Project Assignment (VPA) to Enhance Speaking Skills for Communicative English Subject	Ongoing	Taught Course	Main Supervisor
4.	2017	Shalini A/P Murthy	The Enhancement of Learning Science Form 1 using Augmented Reality (AR) Application in Classroom	Graduated	Taught Course	Main Supervisor
5.	2015	Nur Aziera Binti Mohd Idris	Kesan Penggunaan Teknologi Terhadap Interaksi Pelajar Di Dalam Bilik Darjah	KBTT	Taught Course	Main Supervisor
6.	2017	Nurul 'Izzati Binti Hamizan	Elevating Critical Thinking Abilities using BLOSSOMs Interactive Video Lessons Framework	Graduated	Reseach	Main Supervisor
7.	2017	Radhiah Binti Ab Rahim	Cognitive conflict strategies (CCS) in video-based learning to enhance students" conceptual change	Graduated	Reseach	Main Supervisor
8.	2014	Ahmad Fathur Rahman Bin Hasmiy	The acceptance towards scenario	Graduated	Taught Course	Main Supervisor

			based learning approach in mobile application.			
9.	2014	Nurul Faizah Binti Rozali	The development of mobile game application on topic actionscript 2.0 based on problem based learning approach	Graduated	Taught Course	Main Supervisor
10.	2013	Azuriana Binti Md. Tahar	Persepsi pelajar terhadap penggunaan frog vle dalam matapelajaran biologi tingkatan 4.	Graduated	Taught Course	Main Supervisor
11.	2013	Uzailun Nafais Bin Zainal Abidin	The development of mobile app on higher-order thinking skills	Graduated	Taught Course	Main Supervisor
12.	2013	Ismaliza Binti Ismail	The development of inline management organizer system (OMOS) for university administration.	Graduated	Taught Course	Main Supervisor

POSTGRADUATE EXAMINATION /VIVA

MSc INTERNAL EXAMINER

1. Loo Chuan Heng (VIVA). MPP152001. 14 Januari 2020 – Mixed-Mode

2. Nur Sakinah Mohd Isa, Sistem Pengurusan Rekod Dokumen Sekolah Melalui Web Berasaskan Teori Aktiviti, 7 Januari 2016 (Viva-Voce) – Mixed-Mode

3. Shahizah Shukri, *Corak Pengajaran Dialogik Guru Fizik Tingkatan Empat*, April 2015 (Viva-Voce)

4. Md. Azhan Md. Nasir, *Pelaksanaan Penggunaan E-Portfolio Dalam Penyeliaan Bahan PBS Berdasarkan Strategi Pembelajaran Kolaboratif*, March 2015.(Viva-Voce)

5. Nur Sakinah Mohd Isa, *Sistem Pengurusan Rekod Dokumen Sekolah Berasaskan Web*, February 2015 (Proposal)

6. Shahizah Shukri, *Corak Pengajaran Dialogik Guru Fizik Tingkatan Empat*, August 2014 (Proposal)

7. Hasyimah Ismail, *Model Kurikulum Sains Berasaskan Karakter Nobel Saintis Muda Islam Masa Hadapan*, August 2014.(Proposal)

8. Md. Azhan Md. Nasir, *Pelaksanaan Penggunaan E-Portfolio Dalam Penyeliaan Bahan PBS Berdasarkan Strategi Pembelajaran Kolaboratif*, June 2014.(Proposal)

9. Kho Pui Wun, , February 2014.

PhD INTERNAL EXAMINER

1. Hemanathan A/L Harikrishnan MPP153010. 13 Februari 2020. Viva Room 1, Level 2, Block C14, School of Education (Proposal)

2. Lu Juan. 16 April 2019. Viva Room 1, Level 2, Block C14, School of Education (Proposal)

3. Zul Hisham Nadzri, *Exploring the CSCL Tools For Collaborating Purpose In Social Media*, Mac 2014 (Proposal)

MSc CHAIRMAN

1. Mohamad Faqih Bin Yunus (Proposal). Penerapan Kepercayaan Epistemologi Melalui Modul Pengajaran bagi Topik Inersia Tingkatan Empat. 12 April 2015 at Measurement and Instrumentation Laboratory, Blok C15, Level 2, Faculty of Education, UTM.

PhD ASSISTANT CHAIRMAN

1. Jaikol Bin Moguring at Viva Room 1, Level 2, Block C14, School of Education, UTM, Johor Bahru.

2. Bosede Edwards. 9 August 2016 at Viva Room 1, Level 2, Block F54, School of Posgraduate Studies, UTM, Johor Bahru.

3. Mohd Hisyamuddin Bin Mohd Hashim. 25 May 2016 at Viva Room 1, Level 2, Block F54, School of Posgraduate Studies, UTM, Johor Bahru.

4. Siti Mastura Baharudin (PhD VIVA-Educational Technology). 17 August 2015 at Viva Room 1, Level 2, Block F54, School of Posgraduate Studies, UTM, Johor Bahru.

5. Minoo Norouzi (PhD VIVA-Educational Technology). 9 June 2015 at Viva Room 2, Level 2, Block F54, School of Posgraduate Studies, UTM, Johor

6. Siti Nazleen Binti Abdul Rabu (PhD VIVA-Educational Technology). 28 January 2015 at Viva Room 2, Level 2, Block F54, School of Postgraduate Studies, UTM, Johor

PUBLICATIONS

INDEXED JOURNAL

ISI Journal/Conference (Web of Science)

1. Omar, M., Ali, D. F., Mokhtar, M., Mohd Zaid, N., Jambari, Hanifah., Ibrahim, N. H. (2019). Effects Of Mobile Augmented Reality (MAR) Towards Students' Visualization Skills When Learning Orthographic Projection. *International Journal of Emerging Technologiesin Learning (iJET).* 14(20):106. https://doi.org/10.3991/ijet.v14i20.11463

2. Salleh, Mohd Syafiq Md; Mokhtar, Mahani; Suhairom, Nornazira; Abdullah, Abdul Halim; Ibrahim, Nor Hasniza; Mohd Zaid, Norasykin (2018). Impact of Service Learning from the Perspectives of UTM Undergraduate and Postgraduate Students. Advanced Science Letters, Volume 24, Number 1, January 2018, pp. 12-14(3). https://doi.org/10.1166/asl.2018.11904

3. Ali, Dayana Farzeeha, Omar, Marlissa, Mohamed, Hasnah, Zaid, Norasyikin Mohd, Mokhtar, Mahani, Abdullah, Abdul Halim. (2018). Application of Augmented Reality Learning Environment in Enhancing Students" Mental Cutting Skills and Mental Folding Skills. Advanced Science Letters, Volume 24, Number 5, May 2018, pp. 3701 3704(4). https://doi.org/10.1166/asl.2018.11469

4. Sanmugam, M., Mohd Zaid, N., Mohamed, H., Abdullah, Z., Aris, B., & Suhadi, S. M. (2015). Gamification as an educational technology tool in engaging and motivating students; An analyses review. *Advanced Science Letters*, 21(10), 3337-3341. https://doi.org/10.1166/asl.2015.6489

5. Hamizan, N.I., Mohd Zaid, N. & Md Noor, N. (2015). Teaching Duet in Social Sciences Education in Promoting Critical Thinking Abilities. *Advanced Science Letters*, 21(10), American Scientific Publishers, pp. 3180-3184. https://doi.org/10.1166/asl.2015.6434

6. A. Rahman, A., Aris, B., Rosli, M. S., Mohamed, H., Abdullah, Z., & Mohd Zaid, N. (2015). Significance of Preparedness in Flipped Classroom. *Advanced Science Letters 2*1(10), 1-4. https://doi.org/10.1166/asl.2015.6514

7. Mohamad Said, M. N. H., Mohd Tahir, L., Ali, M.F., and Mohd Zaid, N. (2014). The Process of Incorporating Online Collaborative Learning: An Analysis of Malaysian Tertiary ICT Educators" Perceptions. *Advanced Science Letters*, 20 (10-11), 2142-2146. https://doi.org/10.1166/asl.2014.5633

8. Hamizan, N. I., & Mohd Zaid, N. (2014). Enhancement of Student Motivation in Learning Through BLOSSOMS Video Activity. *Advanced Science Letters,* 20, 2014–2017. https://doi.org/10.1166/ASL.2014.5634

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1. Azlina Rahman, Hasnah Mohamed, Baharuddin Aris, & Norasykin Mohd Zaid (2014). The influences of Flipped Classroom: A meta-analysis. *2014 IEEE 6th International Conference on Engineering Education (ICEED 2014)*. 9-10 December 2014. Berjaya Times Square, Kuala Lumpur. (11 times cited)

2. A.Rahman, A., Mohd Zaid, N., Abdullah, Z., Mohamed, H., and Aris, B. (2015). Emerging Project Based Learning in Flipped Classroom. *3rd International Conference of Information and Communication Technology (IcoICT 2015)*. 27-29 May. Bali, Indonesia, 212-215. (8 times cited)

3. Sanmugam, M., Abdullah, Z., Mohamed, H., Aris, B., Zaid, N. M., & Suhadi, S. M. (2016). The affiliation between student achievement and elements of gamification in learning science. *2016 4th International Conference on Information and Communication Technology, ICoICT 2016*, *4*(c), 1–4. (8 times cited)

4. Rahim, R. A., Noor, N. M., & Mohd Zaid, N. (2015). Meta-analysis on element of cognitive conflict strategies with a focus on multimedia learning material development. *International Education Studies*, 8(13), 73–78. (8 times cited)

5. Wen, A.S., Zaid, N.M., Harun, J. (2017). Enhancing students ICT problem solving skills using flipped classroom model. 2016 IEEE 8th International Conference on Engineering Education: Enhancing Engineering Education through Academia-Industry Collaboration, ICEED 2016, pp. 187-192. (7 times cited)

6. A. Rahman, A., Aris, B., Rosli, M. S., Mohamed, H., Abdullah, Z., & Mohd Zaid, N. (2015). Significance of Preparedness in Flipped Classroom. *Advanced Science Letters 21*(10), 1-4. (7 times cited)

7. Sanmugam, M., Abdullah, Z., Mohamed, H., Mohd Zaid, N., Aris, B., Van Der Meijden, H. The impacts of infusing game elements and gamification in learning (2017). 2016 IEEE 8th International Conference on Engineering Education: Enhancing Engineering Education through Academia-Industry Collaboration, ICEED 2016, pp. 131-136. (7 times cited)

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1. Mohd Zaid, N., Abdullah, Z., Mohamed, H., Aris, B., Sanmugam, M., & Meijden, H. Van Der (2016). Effectiveness on Learning Attainment Using the Gamification Approach as an Educational Technology Tool. *In 9th Annual International Conference of Education, Research, and Innovation (ICERI 2016)*. 14-16 November 2016. Seville, Spain: IATED PUBLICATIONS. pp. 20-30

2. Mohd Zaid, N., Abdullah, Z., Mohamed, H., Aris, B., Sanmugam, M., & Meijden, H. Van Der (2016). Gamification Sway on the Students Intrinsic Motivation When It Comes to Learning Science. *In 9th Annual International Conference of Education, Research, and Innovation (ICERI 2016* Proceedings). Seville, Spain: IATED PUBLICATIONS. pp. 10-20

3. S. Md Suhadi, N. Mohd Zaid, H. Mohamed, Z. Abdullah, & B. Aris (2016). Provocation in the Socratic Method of Questioning Using Online Technology and

The Relationship with Student Achievement. *In 10th International Technology, Education and Development Conference (*INTED2016 Proceedings)*. Valencia, Spain.* 7-9th March 2016. pp. 7543-7550

4. S. Md Suhadi, H. Mohamed, N. Mohd Zaid, Z. Abdullah, & B. Aris (2016). The Online Socratic Approach and Its Relationship with The Level of Bloom Taxonomy Mastery, ICERI2016 Proceedings, 9th annual International Conference of Education, Research, and Innovation.14-16 November 2016. Seville, Spain, 7860-7866. DOI: 10.21125/iceri.2016.0797

5. Suhadi, S. M., Mohamed, H., Zaid, N. M., Abdullah, Z., Aris, B., & Sanmugam, M. (2016). Implementation of Socratic Method in online learning to enhance creative thinking: Analysis review. *2016 4th International Conference on Information and Communication Technology, ICoICT 2016, 4*(c). https://doi.org/10.1109/ICoICT.2016.7571875

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7. Sanmugam, M., Zaid, N.M., Mohamed, H., Abdullah, Z., & Aris, B. (2016). The Existence and Influence of Player Motivation in Learning Using Gamification Among Rural Students in Sabah, Malaysia. *In 10th International Technology, Education and Development Conference. Valencia, Spai*n. 7-9th March 2016.

8. M. Sanmugam, Z. Abdullah, N. Mohd Zaid, H. Mohamed, B. Aris (2016). The Relationship between Player Motivation and Gamification Elements in Learning Science Among Secondary School Students in Malaysia, *INTED2016 Proceedings*, 2512-2521.

9. A Rahman, A., Mohd Zaid, N., Mohamed, H., Abdullah, Z., & Aris, B. (2015). Exploring Students" Learning Style through Flipped Classroom Method. *In 7th International Conference on Education and New Learning Technologies (EDULEARN15).* 6-8 July 2015. Barcelona, Spain. 3213-3217

10. Mohd Zaid, N. & Lau, S. K. (2014). Emerging of Academic Information Search System with Ontology-Based Approach. *In 5th World Conference on Educational Sciences (WCES 2013).* 5 – 8 February 2013. Rome, Italy.

11. Mohd Zaid, N. & Lau, S. K. (2013). Ontology-based search system using hierarchical structure design. *In 9th International Conference on Cognitive Science.* 27 – 30 August 2013 *Sarawak, Malaysia*.

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1. Zaid, Norasykin & Yaacob, Fatimah & Shukor, Nurbiha & Mohamad Said, Mohd Nihra Haruzuan Bin & Musta'amal, Aede & Rahmatina, Desi. (2018). Integration of Peer Instruction in Online Social Network to Enhance Higher Order Thinking Skills. International Journal of Interactive Mobile Technologies (iJIM). 12. 30. 10.3991/ijim. v12i8.9672.

2. Jamari, D., Abdullah, Z., Mohamed, H., Mohd Zaid, N. and Aris, B. (2017). Social Media in Learning: Insights of High Schools. Adv. Sci. Lett. 23, pp. 7477–7481.

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4. Zainal Abidin, N.L., Abdullah, A.H., Abd Halim, N.D., Ibrahim, N.H., Mokhtar, M., Surif, J. and Mohd Zaid, N. (2017). Thinking blocks: Solving fraction problems involving higher order thinking skills. Man in India, 97 (17), pp. 121-132.

5. Ali, M., Abdul Talib, C., Ibrahim, N.H., Abdullah, A.H., Surif, J., Mohd Zaid, N., and Ismail, N. (2017). The Differences in Solutions to Context Rich Physics Problems Between More And Less Successful Students. Man in India, 97 (17), pp. 171-184.

6. Abd Halim, N.D., Jusoh, A., Ibrahim, N.H., Mohd Zaid, N., Abdullah, A.H., Ali, N.F., A. Shukor, N., and Mokhtar, M. (2017). Students" Perceptions on Teaching Aids with Different Learning Styles: Visual, Auditory And Kinesthetic. Man In India, 97 (17), pp. 53-62.

7. Yusup, J., Mohamad Said, M.N.H., Bilal Ali, M., and Mohd. Zaid, N. (2017). Holistic Social Learning Environment – A Meta-Analysis. Man In India, 97 (19), pp. 373-380.

8. Jamari, D., Mohamed, H., Abdullah, Z., Mohd Zaid, N. and Aris, B. (2017). Fostering Higher Order Thinking and Problem-Solving Skills through social media. Man In India, 97 (12), pp. 1-10.

9. Wen, A.S., Zaid, N.M., Harun, J. (2017). Enhancing students ICT problem solving skills using flipped classroom model. 2016 IEEE 8th International Conference on Engineering Education: Enhancing Engineering Education through Academia-Industry Collaboration, ICEED 2016, pp. 187-192.

10. Ang, S. W., Harun, J., and Mohd Zaid, N. (2017) Competency based learning in online learning environment: A review. Man in India, 97 (12), pp. 193-202.

11. Ang, S. W., Mohd Zaid, N., and Harun, J. (2016) A Meta-Analysis on Students' Social Collaborative Knowledge Construction using Flipped Classroom Model. 2015 IEEE Conference on e-Learning, e-Management, and e-Services, IC3e 2015. pp. 58-63.

12. Wen, A. S., Mohd Zaid, N., and Harun, J. (2016). Enhancing students" ICT problem solving skills using flipped classroom model. 2016 IEEE 8th International Conference on Engineering Education (ICEED), 187–192. https://doi.org/10.1109/ICEED.2016.7856069

13. A Rahman, A., Mohd Zaid, N., Aris, B., Abdullah, Z., Mohamed, H., and Meijden, H. Van Der (2016). Implementation Strategy of Project Based Learning Through Flipped Classroom Method. 2016 IEEE Conference on E-Learning, E-Management and E-Service (IC3e). 10-12 October 2016. Langkawi, Malaysia, 1–5. https://doi.org/10.1109/IC3e.2016.8009030

14. Othman, S. Z., Mohd Zaid, N., Abdullah, Z., Mohamed, H., & Aris, B. (2016). Enhancing Meaningful Learning in MRSP120 Rotational Model. Man in India, 96(1–2), 525–536.

15. Rahim, R. A., Noor, N. M., & Mohd Zaid, N. (2015). Meta-analysis on element of cognitive conflict strategies with a focus on multimedia learning material development. *International Education Studies*, 8(13), 73–78. https://doi.org/10.5539/ies.v8n13p73

16. A.Rahman, A., Mohd Zaid, N., Abdullah, Z., Mohamed, H., and Aris, B. (2015). Emerging Project Based Learning in Flipped Classroom*. 3rd International Conference of Information and Communication Technology (IcoICT 2015)*. 27-29 May. Bali, Indonesia, 212-215

17. Md Suhadi, S., Abdullah, Z., Mohd Zaid, N., Mohammed, H., Aris, B. and Sanmugam, M. (2015). Online Learning and Socratic Method In Increasing Motivation: A Literature Review*. 3rd International Conference of Information and Communication Technology (IcoICT 2015).* Bali, Indonesia, 27-29 May, 11-16

18. Azlina Rahman, Hasnah Mohamed, Baharuddin Aris, & Norasykin Mohd Zaid (2014). The influences of Flipped Classroom: A Meta-analysis. *2014 IEEE 6th International Conference on Engineering Education (ICEED 2014)*. 9-10 December 2014. Berjaya Times Square, Kuala Lumpur.

19. Md Suhadi, S., Mohd Zaid, N., Abdullah, Z., Mohamed, H., & Aris, B. (2014). „Online Learning" Potential in Socratic Learning Methods To Empower Higher Level Thinking. *2014 IEEE 6th International Conference on Engineering Education (ICEED 2014),* 9-10 Disember 2014. Berjaya Times Square, Kuala Lumpur, 145-150.

20. Ab Rahim, R., Noor, N., & Mohd Zaid, N. (2014). Development of Video Based on Cognitive Conflict Strategies in Learning Information Technology Application and Communication Subject. *2014 IEEE 6th Conference on Engineering Education (ICEED 2014),* 139–144. https://doi.org/10.1109/ICEED.2014.7194703

21. Mohd Zaid, N. and Hamizan, N.I. (2014). The Growth of Applied Knowledge with Integration of Group Activity Posses Elements of Critical Thinking. *International Conference on Learning and Teaching in Computing and Engineering (LATiCE 2014).* 11-13 April. Kuching, Sarawak.

22. Ab Shukor, N., Mohd Zaid, N., Tasir, Z., and Norazlina (2014*). The Design of a Computer-Supported Collaborative Learning Environment That Promotes Interaction. *International Conference on Teaching and Learning in Computing And Engineering (LATiCE 2014*). 11-13 April. Kuching, Sarawak.

NON-INDEXED JOURNAL:

1. Mohd Zaid, N., Md Noor, N. and Hamizan, N.I. (2016). An Analysis of Critical Thinking Model for Video Learning Practices to Enhance Students Critical Thinking Skills. *Jurnal Pendidikan Nusantara*, 248-259.

2. Md Noor, N., Mohd Zaid, N. and Ab Rahim, R. (2016). Cognitive Conflict Strategies for Computer Network Learning: A Study on Video Development. *Jurnal Pendidikan Nusantara* (Special Edition April 2016), 236-247.

3. Mohamed, H., Aris, B., Abdullah, Z., Mohd Zaid, N. and Md. Suhadi, S. (2016). The Effect of Socrative Method in Online Learning to Enhance Students Ability in Answering Higher Order Thinking Questions. *Malaysia Journal of Higher Order Thinking Skills in Education* (3), 160-178.

4. Mohd Zaid, N. and Mohamad, F. (2015). Pembangunan Modul Multimedia Interaktif Menggunakan Pendekatan Pengajaran Berasaskan Senario Bagi Tajuk Pembangunan Perisian Berasaskan CDROM. *Jurnal Persatuan Pendidikan Teknik dan Vokasional Malaysia* (4), 47-57.

5. Ismail, I. and Mohd Zaid, N. (2015). The Development of Online Management Organizer System (OMOS) For University Administration. *Jurnal Persatuan Pendidikan Teknik dan Vokasional Malaysia* (4), 38-46.

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1. Megat Zakaria, M.A.Z., Mohd Zaid, N., Yahaya, N., Mohamad Said, M.N.H., Surif, J. Abdullah, A.H. (2016). Eproject: Educational Research Study Management System. *Proceedings of the International University Carnival on Elearning (IUCEL2016).* 20-21 September 2016 Universiti Teknologi Malaysia, Johor, Malaysia, 170-171.

2. Mohd Zaid, N., Aris, B., Mohamed, H., Abdullah, Z., and A. Rahman, A. (2016). Kerangka Pelaksanaan Pembelajaran Kaedah Flipped Classroom Berdasarkan Pembelajaran Berasaskan Projek Melalui Scaffolding Dengan Mengambil Kira Gaya Pembelajaran Pelajar. *Innovative Practices in Education and Industry Exhibition (I-PEINX2016)*. 14 Mac 2016. Universiti Teknologi Malaysia, Johor, Malaysia

3. Md Noor, N., Mohd Zaid, N., and Ab Rahim, R. (2016). Cognitive Conflict Strategies in Video-Based Learning Enhance Students Conceptual Change. *6th Regional Conference on Engineering Education 2016 (RCEE2016) And Research on Higher Education (RHED).* 9-10 Ogos 2016. Universiti Teknologi Malaysia,

Johor, Malaysia, 227-230.

4. Mohd Zaid, N., Ismail, I. (2016). Mobile Learning Usage in Teaching and Learning in Education: Review of Research. *International Conference on Education and Higher Order Thinking Skills 2016 In Conjunction with the 2nd International Seminar of Science and Mathematics Education 2016 (ICE-HOTS 2016 In Conjunction with 2nd ISSME 2016)*. 11-13 April 2016. Universiti Teknologi Malaysia, Johor, Malaysia, 729-737.

5. Mohd Zaid, N., Abdullah, Z., Mohamed, H., Aris, B., and Jamari, D. (2016), Scaffolding to Support Ill-Structured Problem Solving: A Meta-Analysis. *Proceedings of the 6th International Conference on Engineering, Science and Humanities (IGCESH 2016)*. 15-17 Ogos 2016. Universiti Teknologi Malaysia, Johor, Malaysia, 677-679.

6. Abdullah, Z., Mohd Zaid, N., Harun, J., and Zakaria @ Othman, S. (2016). Student Evaluation on Higher Order Thinking Skill (HOTS) In Blended Station Rotation Model. *Proceedings of the 6th International Conference on Engineering, Science and Humanities (IGCESH 2016)*. 15-17 Ogos 2016. Universiti Teknologi Malaysia, Johor, Malaysia, 602-603.

7. Mohamed, H., Mohd Zaid, N., Aris, B., Abdullah, Z., and Md. Suhadi, S. (2016). Encourage Student to Enhance Creative Thinking Through Socratic Method with Technology Approach. *2nd International Education Postgraduate Seminar 2015 (IEPS2015)*. 20-21 Disember 2015. Universiti Teknologi Malaysia, Johor, Malaysia, 73-80.

8. Mohamad Said, M.N.R., Yahaya, N., Atan, N.A., Abdullah, Z., and Mohd Zaid, N. (2015). The Nature of Student Group Online Interactions in Learning ICT Education. Proceeding of *5th International Conference On E-Learning 2015*. 26-28 Mei 2015. Universiti Teknologi Mara

9. Mohamad Said, M. N. H., Yahaya, N., Abdullah, Z., Atan, N. A., & Zaid, N. M. (2016). The Nature of Student Group Online Interactions in Learning ICT Education. In J. E. Luaran, J. Sardi, A. Aziz, & N. A. Alias (Eds.) *Envisioning the Future of Online Learning* (pp. 31–51). Singapore: Springer Singapore. https://doi.org/10.1007/978-981-10-0954-9_4.

10. Mohamed, H., Abdullah, Z., Mohd Zaid, N., Aris, B., and Sanmugam, M. (2016). The Application of Gamification and Its Effects on the Intrinsic Motivation of Rural Students in Sabah, Malaysia. *Proceedings of the International Conference on Education and Higher Order Thinking Skills (ICE-HOTS 2016)*. 11-13 April 2016. Universiti Teknologi Malaysia, Johor, Malaysia, 221-231.

11. Abdullah, A.H., Mohd Zaid, N., Mokhtar, M., Ali, D. F., and Suhairom, N. (2016), Enhancing Students' Higher Order Thinking Skills Through Mygsp. *Proceedings of The International University Carnival On E-Learning (IUCEL) 2016*. 20-21 September 2016. Universiti Teknologi Malaysia, Johor, Malaysia, 87-89.

12. Rozali, N.F, Mohd Zaid, N., and Md Noor, N., (2016). *Code Puzzle Apps for Learning Actionscript 2.0 Programming. Proceedings of The International*

University Carnival On E-Learning (IUCEL) 2016. 20-21 September 2016. Universiti Teknologi Malaysia, Johor, Malaysia, 337-338.

13. Zainal Abidin, U.N., and Mohd Zaid, N. (2015). Mobile Apps Development on Higher Order Thinking Approach (Accepted). *1st International Conference on Educational Studies (ICES-2015).* Pulai Springs Resort, Johor Bahru. 3-4 June.

14. Sanmugam, M., Mohamed, H., Mohd Zaid, N., Abdullah, Z., Aris, B., and Md. Suhadi (2015). Implementation of Gamification as an educative tool via online and of-fline methods; an analyses review. 1st International Conference on Educational Studies (ICES-2015). Pulai Springs Resort, Johor Bahru. 3-4 June

15. Mageswaran Sanmugam, Hasnah Mohammed, Norasykin Mohd. Zaid, Zaleha Abdullah, Baharuddin Aris, Salihuddin Md Suhadi (2015). "*Gamification's role as an Assessment and Learning Tool i*n Education". 1st ICRIL-International Conference on Innovation in Science and Technology (IICIST 2015)*.* Menara Razak, UTM, Kuala Lumpur, 20 April 2015.

16. Mohd Zaid, S., Zakaria @ Othman, S., Abdullah, Z., and Harun, J. (2016), Mobile Learning as An Alternative Paradigm in Malaysian School Education System: A Review. *Proceeding of the 2nd IEPS2015 International Education Postgraduate Seminar 2015.* 20-21 Disember 2015. Pulai Spring Resort, Johor Bahru, 43-53.

17. Mohamed, H., Mohd Zaid, N., Abdullah, Z., Aris, B., and A. Rahman, A. (2016). Potentials and Challenges in the Implementation of Flipped Classroom. *Proceeding of the 2nd IEPS2015 International Education Postgraduate Seminar 2015.* 20-21 Disember 2015. Pulai Spring Resort, Johor Bahru, 185-192.

18. Mohd Zaid, N. Hamizan, N.I., and Md Noor, N. (2015). An Analysis of Critical Thinking Model for Video Learning Practices to Enhance Students Critical Thinking Skills. *Proceeding of the 2nd International Education Postgraduate Seminar (IEPS2015).* 20-21 Disember 2015. Pulai Spring Resort, Johor Bahru, 1-10

19. Zainal Abidin, U.N., and Mohd Zaid, N. (2015). Mobile Apps Development on Higher Order Thinking Approach. *Proceeding of 1st International Conference on Educational Studies (ICES 2015).* 3 Jun 2015. Pulai Spring Resort, Johor Bahru.

20. Md. Suhadi,S., Mohammed, H., Mohd. Zaid, N., Abdullah, Z., Aris, B., and Sanmugam, M. (2015). Online Interaction in Learning Using the Socratic Method: An Analyses Review. *1st International Conference on Educational Studies (ICES-2015).* 3-4 June. Pulai Springs Resort, Johor Bahru.

21. Salihuddin Md. Suhadi, Hasnah Mohammed, Zaleha Abdullah, Norasykin Mohd. Zaid, Baharuddin Aris (2015). "Enhancing Student"s Higher Order Thinking Skills (HOTS) through the Socratic Method Approach with Technology". 1st ICRIL-International Conference on Innovation in Science and Technology (IICIST 2015). Menara Razak, UTM, Kuala Lumpur, 20 April 2015.

22. Mohd Zaid, N., Zainal Abidin, U.N., A. Shukor, N., Ali, D.F., Mokhtar, M., Abd Halim, N.D., Ibrahim, N. H., and Ali, M. (2015). Problem Based Learning through Mobile Application. Proceeding of the *Innovative Practices in Higher Education*

Expo 2015 (I-PHEX 2015). 6 August 2015. UTM, Johor.

23. Ali, D.F., Arsat, M., Mohd Zaid, N., Boon, Y., and Omar, M. (2015). AREDKIT: Augmented Reality Engineering Drawing Kit. *National University Carnival On E-Learning (NUCEL2015)*. 14-15 December 2015. UPSI.

24. Mohd Zaid, N., Yaacob, F.S., and Harun, J. (2015). Meta-Analysis: Learning Approaches in Mobile Learning Studies. *Proceedings of the 2nd International Education Postgraduate Seminar (IEPS2015)*. 20-21 December 2015. Pulai Spring Resort, Johor Bahru, 93-100.

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26. Mohamed, H., Mohd Zaid, N., Aris, B., Abdullah, Z., and Md Suhaidi, S. (2014). The Socratic Method Online to Improve Critical and High Order Thinking Among Students. *Proceeding of the 1st International Education Postgraduate Seminar (IEPS2014)*. 23-24 November. KSL Hotel Resort, Johor Bahru, Malaysia.

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51. Norasykin Mohd Zaid dan Kesan Penggunaan Perisian Fizik Terhadap Pemahaman Konsep Daya Dan Gerakan Di Peringkat Sekolah Menengah (Effects on using Physics Software in Understanding the Concept of Force and Movement at Secondary School"s Level. Research Education Conference IPBL 2007. 5 – 6 September 2007. Merdekha Palace, Kuching,

Sarawak.

52.	Norasykin Mohd Zaid dan Zaidatun Tasir (2006). Penggunaan Teknik Penyelesaian Masalah (Common Model) Dalam Pembelajaran Pengaturcaraan Komputer Di Peringkat Pengajian Tinggi (Using of Problem-Solving Technique (Common Model) in Learning of Computer Programming at Higher Level Education). Malaysian Educational Technology Conference. 8 – 11 September 2006. Awana Porto Malai Hotel, Langkawi, Kedah, Malaysia.

RESEARCHERS ORIGINAL BOOK

1.	Baharuddin Aris, Rio Sumarni Shariffudin, Manimegalai M. Subramaniam, Noor Azean Atan, Shaharuddin Md Salleh, Norasykin Mohd Zaid and Zaleha Abdullah, How to Design Multimedia Web Applications: Theory into Practice. ISBN: 978967506528-6. Kuala Lumpur: Venton Publishing.

2.	Noor Azean Atan, Norasykin Mohd Zaid and Baharuddin Aris, MicrosoftOffice FrontPage XP 2003: Asas Pembangunan Halaman Web, Kuala Lumpur, (2008).

BOOK CHAPTER

1.	Norasyikin Zaid dan Zaidatun Tasir, Isu Kemahiran ICT dalam Pengajaran dan Pembelajaran: Teknik Penyelesaian Masalah dalam Pembelajaran Pengaturcaraan Komputer dan Tahap Penyelesaian Masalah dalam Pembangunan Aturcara Komputer, First Edition, Pages 47-73.

2.	Norasykin Mohd Zaid & Dr Norah Md Noor (2015). Chapter 1 of Data Analysis Methods for Educational Research (Manuscript submitted), Editor: Nurbiha A Shukor & Norasykin Mohd Zaid, UTM press.

3.	Norasykin Mohd Zaid and Zaidatun Tasir (2007). Tahap Penyelesaian Masalah Dalam Pembangunan Aturcara Komputer. Isu Kemahiran ICT Dalam Pengajaran Dan Pembelajaran. Johor Bahru, Malaysia: Penerbit UTM, pp. 60-73

4.	Sanmugam, M., Mohamed, H., Mohd Zaid, N., Abdullah, Z., Aris, B., and Md. Suhadi, S. (2016). Implementation of Gamification as An Educative Tool Via Online and Offline Methods: An Analyses Review. *Research on Educational Studies Vol 1.* (pp. 356-367). New Delhi, India: Serials Publication Pvt.Ltd

5.	Mohamed, H., Mohd Zaid, N., Abdullah, Z., Aris, B., Md. Suhadi, S., and Sanmugam, M. (2016). Online Learning Interaction Using Socratic Method; A Review to Improve The Academic Achievement. *Research on Educational Studies Vol 1.* (219-229.). New Delhi, India: Serials Publication Pvt.Ltd.

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IP/CR/2019 /0532	Approved	Copyright	Inventor	RMUTT Job Training On Production Of Media Instruction
IP/CR/2019 /0704	Approved	Copyright	Inventor	Kursus Kemahiran Belajar Murid Tahun 6

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IP/CR/2018 /0303	Secretariat Correction	Copyright	Inventor	Minus Board
IP/CR/2018 /0304	Approved	Copyright	Co-Inventor	Innovating the CPD Experience for Malaysia Teachers
IP/CR/2018 /0305	Recommended Correction	Copyright	Co-Inventor	Spin n Get It Right
IP/CR/2018 /0308	Approved	Copyright	Inventor	Modul Using Geogebra in Learning Basic Statistic

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IP/CR/2017 /0860	Approved	Copyright	Co-Inventor	YISTEM A- An acronym for Questionnaire of Young Innovators Program on STEM's competency, Interest and Career among Mentor
IP/CR/2017 /0865	Approved	Copyright	Co-Inventor	YISTEM B-An acronym for Questionnaire of Young Innovators Program on STEM"s Interest, Career and Characteristics among Mentee

Year 2016

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IP/CR/2016 /1831	Arroved	Copyright	Inventor	Rubrik Penilaian Pembelajaran Berasaskan Projek menerusi Scaffolding melalui Flipped Classroom
IP/CR/2016 /1825	Approved	Copyright	Inventor	Soal Selidik Penglibatan Pelajar SSPP
IP/CR/2016 /1830	Approved	Copyright	Co-Inventor	Soal Selidik Gaya Pembelajaran SSGP
IP/CR/2016 /1561	Approved	Copyright	Co-Inventor	Video based on cognitive conflict strategy: File Transfer Protocol
IP/CR/2017 /0397	Approved	Copyright	Co-Inventor	Video based on cognitive conflict strategy: Network Devices
IP/CR/2016 /2261	Secretariat Correction	Copyright	Co-Inventor	Video based on cognitive conflict strategy: HTML
IP/CR/2016 /0329	Approved	Copyright	Inventor	The Application of Higher Order Thinking Skill Elements (HOTs) through problem-based learning Approach using Mobile Learning Apps (HOTs Flash)

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IP/CR/2016/0211	Arroved	Copyright	Inventor	Kerangka pelaksannan pembelajaran kaedah *Flipped Classroom* berdasarkan pembelajaran berasaskan projek melalui scaffolding dengan mengambil kira gaya pembelajaran pelajar.

Year 2013

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UTM.J.14.01/27.13/1 JLD54(36)	Register	Copyright	Co-Inventor	Tatasusun

INVITED/GUEST SPEAKER

1. Speaker - "English Online Symposium: Transforming Technology of Teaching and Learning in the Digital Era". Bina Nusantara University, Jakarta, Indonesia (BINUS), October 2020

2. Speaker of Online Global Classroom (OGC). "Screen Casting Made Easy". Rajamangala University of Technology Thanyaburi (RMUTT). Dicember 2020.

3. Speaker - "Job Training on Production Of Media Instruction". Rajamangala University of Technology Thanyaburi (RMUTT), Thailand. April 2018

4. Speaker - "Research trends in the field of Computing and the use of ICT". Universitas Negeri Malang, Indonesia. September 2019.

5. Speaker and Facilitator - Kursus Pemantapan Microsoft Word 2010 (Intermediate - Advanced). 9-10 October 2019. CICT Laboratory UTM KL

6. Speaker: Kuliah Tamu: Tren Penelitian Bidang Komputasi dan Penggunaan ICT. Fakultas Matematika dan Ilmu Pengetahuan Alam (FMIPA), Uniersitas Negeri Malang, Indonesia 23-25 September 2019.

7. Speaker: BC4DCP Course eLEARNING: Group 2/2019. 21-22 August 2019. Bilik Latihan 1, Tingkat 4, CICT, UTM JOHOR BAHRU

8. Speaker: BC4DCP Course eLEARNING: Group 1/2019. 22-23 July 2019. Bilik Latihan 1, Tingkat 4, CICT, UTM JOHOR BAHRU

9. Speaker: Advanced Elearning Course. 28 Feb 2019. Computer Laboratory, UTMLead, UTM JOHOR BAHRU

10. Speaker. Title: Poster Adobe Photoshop Sempena Karnival Pusat Sumber Peringkat Daerah Johor Bahru. Sekolah Menengah Kebangsaan Sultan Ismail,

Johor Bahru. 28 October 2015.

11. Facilitator. Title: NVIVO: Managing Your Qualitative Data. Seminar Room, Faculty of Education. 29 May 2015.

12. Facilitator of New Academia Learning Innovations (NALI) Workshop Faculty of Education. Seminar room, Faculty of Education, UTM. 12 July 2015.

13. Speaker. Title: Bengkel Video Interaktif. Sekolah Menengah Kebangsaan Sultan Ismail, Johor Bahru. 23 Jun 2015.

14. Facilitator, Postgraduate Student Society, Faculty of Education. Research Writing: Chapter 3 on Qualitative Method. Seminar room, Faculty of Education, UTM. 5 June 2015.

15. Facilitator, Postgraduate Student Society, Faculty of Education. Title: Rasch Model. Interactive Laboratory, Faculty of Education, UTM. 15 May 2015.

16. Facilitator of Support Program PESISIR Course, De Palma Hotel, Shah Alam, 2 May 2015.

15. Facilitator of Academic Writing Course (MPPU1080) for Semester II 2014/2015, Lecture Hall 8, N24, UTM, 15,15 & 18 March 2015.

16. Facilitator of Taklimat Kajian Pendidikan I dan Pendidikan II, Semester II, 2014/2015,

17. Facilitator, Taklimat Pelajar Baru Pasca Siswazah Semester II, Sesi 2014/2015, Lecture Hall 3, N24, UTM, 15 February 2015.

18. Speaker, Postgraduate Student Society, Faculty of Education. Title: Working on Thesis Writing using Ms Word. Interactive Laboratory, Faculty of Education, UTM. 9 January 2015.

19. Speaker, Postgraduate Student Society, Faculty of Education. Title: Manage your Database References with EndNote. Interactive Laboratory, Faculty of Education, UTM. 16 January 2015.

20. Speaker, Postgraduate Student Society, Faculty of Education. Title: Introduction to Words for Theses. Interactive Laboratory, Faculty of Education, UTM. 15 February 2014.

21. Speaker. Title: Bengkel Microsoft Excel 2014. Computer Laboratory, Sekolah Kebangsaan IndahPura 1, Kulaijaya, Johor. 25 November 2014.

22. Speaker. Title: Bengkel Asas Adobe Photoshop. Computer Laboratory, Sekolah Menengah Kebangsaan Sultan Ismail, Johor Bahru. 6 November 2014.

23. Instructor, Active Learning Throuh Microsoft PowerPoint Courses organized by the "Unit Pengajaran dan Pembelajaran" (UNIPEN) or Teaching and Learning Centre, UTM, 26 & 27 February 2008.

24. Speaker, Profesional Development Program. Title: Basic Information System Management in Education. Interactive Laboratory, Faculty of Education, UTM. 23 February 2008.

25. Speaker, Profesional Development Program. Title: Basic Information System Management in Education. Interactive Laboratory, Faculty of Education, UTM. 19 January 2008.

26. Instructor, Basic Educational Multimedia Production Courses organized by the "Unit Pengajaran dan Pembelajaran" (UNIPEN) or Teaching and Learning Centre,

UTM, November 2006.

27. Instructor, Statistical Package for Social Sciences (SPSS) Courses organized by Department of Education Multimedia, UTM, 9 Disember 2007.1