

CURRICULUM VITAE



DR. FAZILAH BINTI RAZALI

PERSONAL DETAILS	
Nama Penuh (<i>Full name</i>)	Fazilah binti Razali
Gelaran (<i>Title</i>)	Dr
Jawatan (<i>Position</i>)	Senior Lecturer Coordinator of Postgraduate Diploma in Teaching
Kelayakan (<i>Qualification</i>)	Doktor Falsafah Doctor of Philosophy
Bidang Pengkhususan (<i>Area of Specialisation</i>)	Curriculum and Instruction Teaching and Learning STEM Education
Email	fazilahrazali@upm.edu.my
LinkedIn	https://linkedin.com/in/fazilahrazali

2. DEPARTMENT/FACULTY/		
Alamat Semasa (<i>Current Address</i>)	Jabatan (<i>Department</i>)	E-mel (<i>E-mail Address</i>)
	Jabatan Asas Pendidikan Fakulti Pengajian Pendidikan Universiti Putra Malaysia, 43400 UPM Serdang, Selangor.	E-mail: fazilahrazali@upm.edu.my H/P: 0126909621

KELAYAKAN AKADEMIK (Academic Qualification)			
Nama Sijil / Kelayakan (Certificate / Qualification obtained)	Nama Sekolah Institusi (Name of School / Institution)	Tahun diperolehi (Year obtained)	Bidang pengkhusususan (Area of Specialization)
Diploma	Universiti Putra Malaysia	2004	Agriculture
Bachelor (Bac Sc. (Hons))	Universiti Sains Malaysia	2008	Major: Biology Minor: Mathematics
Master	Universiti Putra Malaysia	2015	Curriculum and Instruction
PhD	Universiti Putra Malaysia	2018	Curriculum and Instruction

PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN KERJAYA (Scientific experience and Specialization)				
ORGANISASI (organisation)	JAWATAN (Position)	TARIKH MULA BERKHIDMAT (Start service)	TARIKH AKHIR BERKHIDMAT (end of Service)	KEPAKARAN (Specialization)
SMK Jalan Bukit	Biology teacher	July 2008	December 2008	Teaching
SMK Cyberjaya	Mathematic teacher	Januay 2009	Mac 2009	Teaching
SMK Bandar Baru Salak Tinggi	Mathematic teacher	Mac 2009	November 2019	Teaching
Universiti Putra Malaysia	Lecturer	December 2019		Teaching/ Research

SENARAI PENERBITAN			
Scopus	https://orcid.org/0000-0002-1203-1010	<i>h-index: 6</i>	
Google Scholar	<i>h-index: 10</i>		
JURNAL (Journal)	<p>Fazilah Razali, Othman Talib, & Azraai Othman, (2016) <i>Aplikasi kemahiran proses sains dalam pembelajaran berasaskan masalah untuk pelajar biologi</i>. Jurnal Kurikulum & Pengajaran Asia Pasifik, 4(3).</p> <p>Fazilah Razali, Othman Talib and Umi Kalthom Abdul Manaf, & Siti Aishah Hassan, (2018) <i>A measure of students motivation, attitude and parental influence towards interest in STEM career among Malaysian form four science stream student</i>. International Journal of Academic Research in Business and Social Sciences, 7 (14). pp. 245-264. ISSN 2222-6990</p> <p>Fazilah Razali, & Othman Talib, & Umi Kalthom Abdul Manaf & Siti Aishah Hassan,. (2018). Students Attitude towards Science, Technology, Engineering and Mathematics in Developing Career Aspiration. <i>International Journal of Academic Research in Business and Social Sciences</i>, 8(5), 962–976. DOI: 10.6007/IJARBSS/v8-i5/4242</p> <p>Fazilah Razali, & Othman Talib, & Umi Kalthom Abdul Manaf & Siti Aishah Hassan (2020). Motivation to Learn Science as a Mediator between Attitude towards STEM and the Development of STEM Career Aspiration among Secondary School Students. Universal Journal of Educational Research. 8. 138-146. 10.13189/ujer.2020.081318.</p> <p>Razali, Fazilah & Abdul Manaf, Umi & Ayub, Ahmad. (2020). STEM Education in Malaysia towards Developing a Human Capital through Motivating Science Subject. <i>International Journal of Learning, Teaching and Educational Research</i>. 19. 411-422. 10.26803/ijlter.19.5.25.</p> <p>Jafri, Nuraini & Abdul Manaf, Umi & Razali, Fazilah. (2020). Exploring Teachers' Pedagogical Practices in Teaching Mandarin as a Foreign Language in MARA Educational Institutions, Malaysia. <i>International Journal of Learning, Teaching and Educational Research</i>. 19. 76-94. 10.26803/ijlter.19.6.5.</p> <p>Aizuddin Md Ram, Faiq Aziz, Fazilah Razali , Mat Rahimi Yusof. (2020). Leadership and ICTs Implementation for Rural Development. <i>International Journal of Advanced Science and Technology</i>, 29(7s), 531 - 535.</p> <p>Faiq Aziz, Aizuddin Md Rami, Fazilah Razali, Nomahaza Mahadi. (2020). The Influence of Leadership Style Towards Technology Acceptance in Organization. <i>International Journal of Advanced Science and Technology</i>, 29(7s), 218 - 225.</p> <p>Aizuddin Md Rami, Faiq Aziz, Fazilah Razali , Abdullah Ibrahim. (2020). Effective Local Leadership to a Successful Council in the State of Terengganu, Malaysia. <i>International Journal of Advanced Science and Technology</i>, 29(7s), 205 - 210.</p> <p>Ku Sook Leng, Fazilah Razali, Ahmad Fauzi Mohd Ayub (2020). The Effectiveness of Realistic Mathematics Education Approach Toward Students Learning: A Systematic Literature review of Empirical Evidence. <i>Journal of Critical Reviews</i>, 7 (13), 548-552. doi:10.31838/jcr.07.13.99</p>		

Razali, F. (2021). Exploring Crucial Factors of an Interest in STEM Career Model among Secondary School Students. *International Journal of Instruction*, 14(2), 385-404. 10.29333/iji.2021.14222a

Fazilah Razali, Tajulariffin Sulaiman, Ahmad Fauzi Mohd Ayub, Noraziela Abdul Majid (2021). Blended Learning Curriculum Approach: A Systematic Review of the Challenges for Students. *Turkish Online Journal of Qualitative Inquiry (TOJQI)*, Volume 12, Issue 6, July, 2021: 9774-9780.

Sharania Gunasegaran & **Fazilah Razali** (2021). A case study of English language Teachers perceptions towards secondary schools Students performance in the English language, *International Journal of Multidisciplinary Research and Growth Evaluation*, 2(4), 583-590.

Lei Chen & **Fazilah Razali** (2021). The Effects of Situational Teaching, Cooperative Learning, and Self-directed Learning on Mathematical Learning Abilities in China. *International Journal of Human Resource Studies*, [S.I.], v. 11, n. 4S, p. Pages 174-195, nov. 2021. ISSN 2162-3058

Munchen, L., **Razali, F.**, Arsal, N.M (2021). Influence of Language Learning Strategies on Willingness to Communicate in Chinese Among Students with High and Low Anxiety. *Asian Journal of University Education*, 17 (4), pp. 158-169.

Fazilah Razali, Tajularipin Sulaiman, Ahmad Fauzi Mohd Ayub, Faathirah Jamaluddin (2022). The Matching of Blended Learning Curriculum for the Development of New Generation:A Systematic Literature Review. *International Journal of Mechanical Engineering*, 7(1), pp. 6281-6289.

Nurkhuzainah Ismawi, **Fazilah Razali**, Tajularipin Sulaiman (2022). Online Formative Assessment Practices Among Teachers. *International Journal of Mechanical Engineering*, 7(Special issue 4), pp. 210-217.

Fazilah Razali, Tajularipin Sulaiman, Ahmad Fauzi Mohd Ayub, Noraziela Abdul Majid (2022). Effects of Learning Accessibility as a Mediator between Learning Styles and Blended Learning in Higher Education Institutions during the Covid-19 Pandemic. *Asian Journal of University Education (AJUE)*, 18(2), pp. 569-584.

Fazilah Razali, Aizuddin Rami, Faiq Aziz (2022). The Effects of Parental Autonomy on the Creation of STEM Career Interests among Upper Secondary Students. *International Journal of Evaluation and Research in Education (IJERE)*, 3(11).

Razali, F., Sulaiman, T., & Ayub, A. F. M. (2022). Factors of learning towards creating blended learning curriculum using learning management system in higher education during Covid-19. *International Journal of Instruction*, 15(4), 723-744.

Ismawi, N., **Razali, F.**, Sulaiman, T., Quah, W. B., & Jani, W. N. F. A. (2023). Determining and Developing Teachers' Digital Skills Construct Instruments in the Context of Online Formative Assessment. *International Journal of Academic Research in Progressive Education and Development*, 12(1), 462-470.

Jani, W. N. F. A., **Razali, F.**, Ismail, N., & Ismawi, N. (2023). Exploratory Factor Analysis: Validity and Reliability of Teacher's Knowledge Construct Instrument. *International Journal of Academic Research in Progressive Education and Development*, 12(1), 944-953.

Jani, W. N. F. A., **Razali, F.**, & Ismail, N. (2024). Cooperative learning implementation among elementary Trust School Teacher Program. *International Journal of Evaluation and Research in Education (IJERE)*, 13(2), 1141-1147.

Fazilah Razali, Noraziela Abdul Majid, Aleeya Adriana Mohd Azrin and Wei Boon Quah (2024). Exploring Academic Performance Among Gifted and Talented Students: A Comprehensive Review. *International Journal of Academic Research in Progressive Education and Development*, 13(1), pp. 334-347.

BAB BUKU (Chapter in book)	Tajularipin Sulaiman, Fazilah Razali & Abdul Gaffar Kunchi Mohd, (2015) <i>Penggunaan Frog VLE sebagai Inovasi dalam Pengajaran dan Pembelajaran</i> . Jurnal Pendidikan Majlis Pengetua Sekolah Malaysia.
	Fazilah Razali & Umi Kalthom Abdul Manaf (2018) <i>Factors Influencing the Development of Career Interest in STEM amongst Form 4 Science Students</i> . Current Trend and Status of STEM in Malaysia. Ministry of Higher Education Malaysia.
	Fazilah Razali , & Othman Talib, & Umi Kalthom Abdul Manaf & Siti Aishah Hassan (2019) <i>The Transformation Of Science Curriculum In The Formation Of STEM Career Model</i> . Ministry of Higher Education Malaysia.
	Nurkhuzainah Ismawi, Fazilah Razali , Tajularipin Sulaiman & Quah Wei Boon (2023). Validation of the Technology Self-Efficacy Model in Online Teaching: A Factor Analysis.Jurnal Kurikulum Bahagian Pembangunan Kurikulum. Ministry of Education Malaysia
BUKU (Book)	Otham Talib, Fazilah Razali , Nor Tutiaini Wahab, & Nur Farhana Ramli (2020). <i>Merealisasi GOT Bagi Pascasiswazah</i> .UPM Press.
	Fazilah Razali , Tajularipin Sulaiman, Umi Kalthom Abdul Manaf & Ahmad Fauzi Mohd Ayob (2022). <i>Perspektif dalam Pelaksanaan Kurikulum: Menguasai KBAT Menjiwai Kemanusiaan</i> . Penerbit Universiti Pendidikan Sultan Idris.
E-Book	Azraai Othman, Othman Talib & Fazilah Razali (2021). SEM (Structural Equation Modeling) Langkah Demi Langkah. eISBN. NFR Bizz Resources.

KERTAS PERSIDANGAN (Conference paper)	<p>Fazilah Razali & Nurzatulshima Kamarudin (2014) <i>Penggunaan Frog VLE sebagai Inovasi dalam Pengajaran dan Pembelajaran</i>. In: Graduate Research in Education Seminar (GREduc) 2014, 21 Dec. 2014, Faculty of Educational Studies, Universiti Putra Malaysia. (pp. 117-124).</p> <p>Tajularipin Sulaiman, Ahmad Fauzi Mohd Ayob, & Fazilah Razali (2015) <i>Teachers' Perspectives on the Implementation of Alternative Assessment in the Classroom</i>. In: 3rd International Conference on Educational Research and Practice (ICERP) 2015, 25-26 Aug 2015, The Everly Hotel, Putrajaya. (pp. 413-419).</p> <p>Tajularipin Sulaiman, Roselan Bakri, & Fazilah Razali (2016) <i>Understanding and Infusion on Higher Order Thinking Skills in Teaching and Learning</i>. In: International Conference on Society, Psychology and Education (ICSPE) 2016, 19-21 January 2016, Cebu, Philipinnes. ISBN 978-986-5654-15-3</p> <p>Fazilah Razali, Othman Talib and Umi Kalthom Abdul Manaf, & Siti Aishah Hassan (2017) Assessing interest in STEM career survey among Malaysian form four science stream student. In: 4th International Conference on Educational Research and Practice (ICERP) 2017, 26-27 July 2017, The Everly Hotel, Putrajaya. (pp. 464-478).</p> <p>Fazilah Razali, Othman Talib and Umi Kalthom Abdul Manaf, & Siti Aishah Hassan (2017) Pengukuran sains, teknologi, kejuruteraan dan matematik (STEM) dalam sistem pendidikan di Malaysia. In: Graduate Research in Education Seminar (GREduc) 2017, 16 Dec. 2017, Faculty of Educational Studies, Universiti Putra Malaysia. (pp. 281-292).</p> <p>Fazilah Razali, Othman Talib, Umi Kalthom Abdul Manaf & Siti Aishah Hassan (2018). Influence of Parents' Authority Towards the Development of STEM Career Interest Among Form Four Science Students in Selangor. In: The 2nd International Conference on Science, Technology, Engineering and Mathematics Education 2018 (ICSTEM2018). Sunway Putra Hotel, Malaysia.</p> <p>Nurkhuzaizah Ismawi, Fazilah Razali, Tajularipin Sulaiman, Nur Faaiza Abd Ghafar, Quah Wei Boon (2022) Analisis Faktor Penerokaan dan Pengesahan Konstruk Literasi Pentaksiran Formatif Dalam Talian Guru Sekolah Rendah. In: Graduate Research in Education Seminar (GREduc) 2022, 09 Dec. 2022, Faculty of Educational Studies, Universiti Putra Malaysia. (pp. 128-136).</p> <p>Nur Faaiza Abd. Ghafar, Fazilah Razali, Ahmad Fauzi Mohd Ayub, Wan Nur Fuziana Abdol Jani, Nurkhuzaizah Ismawi (2022) Kerangka Kompetensi Digital Murid dalam Revolusi Industri 4.0. In: Graduate Research in Education Seminar (GREduc) 2022, 09 Dec. 2022, Faculty of Educational Studies, Universiti Putra Malaysia. (pp. 197-205).</p> <p>Wan Nur Fuziana Abdol Jani, Fazilah Razali, Normala Ismail dan Nur Faaiza Abd Ghafar (2022) Analisis Faktor Penerokaan: Kesahan dan Kebolehpercayaan Instrumen Konstruk Pengetahuan Guru. In: Graduate Research in Education Seminar (GREduc) 2022, 09 Dec. 2022, Faculty of Educational Studies, Universiti Putra Malaysia. (pp. 115-200).</p>
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HAK CIPTA (Copyright)	Hak Cipta Kajian (Perbadanan Harta Intelek Malaysia) Tahun 2018:
	<ol style="list-style-type: none"> 1. Model Minat Kerjaya STEM (LY2018005181) 2. Kerangka Teoritikal Minat Kerjaya STEM (LY2018005182) 3. Kerangka Konseptual Minat Kerjaya STEM (LY2018005183) 4. Soalan Kaji Selidik Minat Kerjaya STEM (DV2018005184)

Geran (Grants)		
Title	Position Role	Status
GP-IPS - GERAN PUTRA INISIATIF SISWAZAH Exploring the Predictors of Information and Communication Technology Usage in Teaching Towards Enhancing University Lecturers Performance. RM 15000.00	Member	On-going
GIPP - GRANT FOR RESEARCH IN TEACHING AND LEARNING (GIPP) Pembangunan Modul Algoritma Berasaskan Permainan (DGBP) Menggunakan Realiti Terimbuh Dan Kesannya Terhadap Pencapaian Murid Tingkatan Satu Sekolah Menengah Di Selangor. RM 15000.00	Member	On-going
FRGS - FUNDAMENTAL RESEARCH GRANT SCHEME (FRGS) Pembangunan Model Pelaksanaan Pendidikan Untuk Pembangunan Lestari Dalam Kurikulum Institusi Pengajian Tinggi (ESD@LPT) Sebagai Strategi Pencapaian Matlamat Pembangunan Lestari (SDG) Dan Merealisasi Agenda Malaysia Madani. RM 80000.00	Member	On-going
GERAN PUTRA INISIATIF SISWAZAH Pembangunan Dan Validasi Instrument kompetensi Digital Murid Menengah Atas RM 10,000.00	Project Leader	On-going

GERAN KOLABORASI Pembangunan Model Kepuasan Pelajar dalam Interaksi terhadap Pembelajaran Matematik dalam Talian di Universiti Terbuka Malaysia RM 16,500.00	Project Leader	Completed
GERAN PUTRA INISIATIF PUTRA MUDA Model of Integration Between Learning Style and Active Learning Towards Enhancing Blended learning Curriculum Among Undergraduate Students RM 30,500.00	Project Leader	Completed
GERAN PUTRA INISIATIF SISWAZAH Pembangunan Modul i-Genius Berasaskan Pembelajaran Maya: Satu Kajian Terhadap Pemerkasaan Kemahiran Berfikir Aras Tinggi Mata Pelajaran Sains RM15,000.00	Member	On-going
GERAN PUTRA INISIATIF PUTRA MUDA The Integration Of Work Ethics And Technology Acceptance Towards Enhancing Online Learning Environment Among Lecturers RM 29500.00	Member	Completed
(GERAN SWASTA/ ANTARABANGSA) A separate and simultaneous effect of parents' attitudes, teachers' attitudes, and self-control towards adolescent prosocial and antisocial behavior in Bali Indonesia RM 12798.00	Member	Completed
(GERAN SWASTA/ ANTARABANGSA) A separate and simultaneous effect of parents' attitudes, teachers' attitudes, and self-control towards adolescent prosocial and antisocial behavior RM 12181.50	Member	Completed

Pertandingan Inovasi (Innovation Competition)		
Tajuk/ Title	Position Role	Medal
Pertandingan Inovasi Pengajaran dan Pembelajaran “Pendidik 4.0: Pereka Pengalaman Pembelajaran Bermakna” Universiti Kebangsaan Malaysia (2019)	Innovator	Silver
Juri <i>learning resource festival</i> anjuran International Medical University, Malaysia (2019)	Judger	-
National Innovation and Invention Competition 2019 UTHM	Innovator	Gold
Juri Pertandingan Inovasi PDPC STEM Kos Rendah anjuran Persatuan Guru STEM Malaysia dan UPM (2020)	Judger	-
Juri Pertandingan STEM Maya Inovasi Teknologi Hijau anjuran Persatuan Guru STEM Malaysia	Judger	-
Juri Learning Resource Festival International Medical University, Malaysia (2020)	Judger	-
Education Innovation Challenge In Conjunction With Malaysian International Convention On Education Research & Management 2020 IIUM dan WMIT Group Sdn Bhd (2020)	Innovator	3rd Medalist Gold Award
Maya International Invention and Innovation Poster Competition 2021 The Islamic Da`wah Foundation Malaysia (YADIM)	Innovator	Gold
Engineering Online Challenge 2021 Ministry of education, Malaysia	Judger	-
Malaysian Youth Upcycle Challenge 2020/21 Yayasan Inovasi Malaysia &Environmental and Occupational Health Society (EOHS)	Judger	-
School Wide Enrichment Model (SEM) TYPE III e-Fiesta 2021 MRSM Tun Ghafar Baba Ministry of education, Malaysia	Judger	-
Juri Learning Resource Festival International Medical University, Malaysia (2021)	Judger	-
Pertandingan Inovasi, Sains, Teknologi dan Kejuruteraan Jabatan Negeri Selangor 2021. Kementerian Pendidikan Malaysia	Judger	-
Putra InnoCreative Carnival in Teaching and Learning (PicTL) 2021, UPM	Innovator	Silver
Juri Learning Resource Festival International Medical University, Malaysia (2022)	Judger	-
Inovasi Competition: Humanizing Technology Via Education,2022 IMU	Innovator	Silver
International University Carnival on E-Learning IUCEL 2022 Universiti Putra Malaysia (2022)	Judger	-

IMU IIIInovasi Competition 2023: International Medical University (2023)	Judger	-
Putra InnoCreative Carnival in Teaching and Learning (PicTL) 2023. Universiti Putra Malaysia (2023)	Innovator	Gold

Bidang Pengajaran (Teaching Field)	
Code	Course
FCE3803	Curriculum Development
CNI5001	Curriculum Evaluation
CNI5002	Curriculum Design
ERS5950	Statistic
ERS5977	Seminar

