



The National University of Malaysia

Universiti Kebangsaan Malaysia

Guardian of The Nation (*Pendaulat Amanah Negara*)

CENTRE OF LEADERSHIP AND EDUCATION POLICY

(Pusat Kepimpinan dan Polisi Pendidikan)

FACULTY OF EDUCATION, UKM (*Fakulti Pendidikan, UKM*)

NAME <i>(Nama)</i>	MOHD. EFFENDI @ EWAN MOHD. MATORE
CURRENT POSITION <i>(Jawatan Sekarang)</i>	<i>SENIOR LECTURER</i> /PENSYARAH UNIVERSITI DS51 ASSISTANT DEAN: QUALITY ASSURANCE & STRATEGY / PENOLONG DEKAN: JAMINAN KUALITI & STRATEGI
OFFICE ADDRESS <i>(Alamat Pejabat)</i>	FACULTY OF EDUCATION/ FAKULTI PENDIDIKAN
TELEPHONE NUMBER <i>(Nombor Telefon)</i>	(Pej/Office): 03-8921 (HP): 019-2896080
EMAIL/WEBSITE <i>(E-Mel/ Laman Web)</i>	Email: effendi@ukm.edu.my
ACADEMIC QUALIFICATION <i>(Kelayakan Akademik)</i>	<ul style="list-style-type: none"> • Ph. D in Education, University of Science (USM) Penang, 2015 (emphasis in Psychometric and Evaluation) • Master in Education, Tun Hussein Onn University of Malaysia (UTHM), 2007 (emphasis in Technical and Vocational) • Bachelor in Mechanical Engineering (Manufacturing), Kolej Universiti Teknologi Tun Hussein Onn (KUiTTHO), 2005
AREA OF SPECIALIZATIONS <i>(Bidang Kepakaran)</i>	<ul style="list-style-type: none"> • Measurement and evaluation, TVET
RESEARCH INTEREST <i>(Bidang Penyelidikan)</i>	<ul style="list-style-type: none"> • Psychometric and Evaluation in Education • Educational Measurement • Technical and Vocational Education
WORK EXPERIENCES <i>(Pengalaman Kerja (Di Ukm & Luar))</i>	<p><i>Senior Lecturer</i> Department of Education Leadership & Policy, The National University of Malaysia</p> <p><i>Mathematics Lecturer</i></p> <ul style="list-style-type: none"> • Lecturer DH41 Mechanical Engineering Department, Polytechnic of Kota Kinabalu, Sabah, Malaysia (2007 - 2009)

	<ul style="list-style-type: none"> • Assistant Director DH41 Enforcement and Inspectorate Division, Private Higher Educational Institutions, Department of Higher Education, Putrajaya, Malaysia (2009 - 2012) • Lecturer DH44 Mathematics, Science and Computer Department, Polytechnic of Sultan Azlan Shah (PSAS), Perak (2012) • Lecturer DH44 Department of Mathematics, Science and Computer, Polytechnic of Sultan Azlan Shah (PSAS), Tanjong Malim, Perak (2015 - 2017) • Senior Lecturer DS51 Department of Leadership and Education Policy, Faculty of Education, Universiti Kebangsaan Malaysia (2017 - present) 															
SUPERVISION OF STUDENTS: <i>(Penyeliaan (Tempoh 5 Tahun/ Tamat Pengajian))</i>																
<table border="1"> <thead> <tr> <th>Level</th> <th>Finish</th> <th>In Progress</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Ph. D</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Master</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Level	Finish	In Progress	Total	Ph. D				Master			
Level	Finish	In Progress	Total													
Ph. D																
Master																
No.	Title of Thesis <i>(Tajuk Tesis)</i>	Name of Students <i>(Nama Pelajar)</i>	Years <i>(Tahun Lulus)</i>	Stage of Supervision <i>(Peringkat Penyeliaan)</i>												
Doctor of Philosophy																
1																
2																
3																
4																
5																
6																
7																
8																
Master																
1																
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3																
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5				
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11				
12				
Bachelor				
1				
2				
3				
4				

No.	Latest Awards & Achievements (Anugerah Dan Pencapaian (2010 – Kini))	Year (Tahun)								
1	Order of Merit - Education & Thomas Edison Grand Award in World Inventor Award Festival (WIAF 2016) at Korea Invention News (KINEWS), Seoul, KOREA	2016								
2	Anugerah Perkhidmatan Cemerlang in Department of Polytechnic Education, Ministry of Higher Education, Putrajaya, MALAYSIA	2016								
3	Employee of the Month (April & November) in Enforcement and Inspectorate Division, Private Higher Educational Institutions, Department of Higher Education, Putrajaya, MALAYSIA	2010								
4	Outstanding Oral Presentation in National Conference on Environment and Health organized by Universiti Sains Malaysia (USM), Penang, MALAYSIA at Renaissance Hotel, Kota Bharu, Kelantan, MALAYSIA	2010								
No.	Honors (Penghormatan)	Year (Tahun)								
1										
No.	Penerbitan (Jurnal, Buku, & Bab Dalam Buku) (2010 – Kini: 10 terbaik) (Latest Publications, Journal, Book & Chapter in Book –The best of 10)	Tahun (Year)								
	<table border="1"> <thead> <tr> <th>Type</th> <th>Jumlah</th> </tr> </thead> <tbody> <tr> <td>Journal</td> <td>31</td> </tr> <tr> <td>Book</td> <td>2</td> </tr> <tr> <td>Chapter in Book</td> <td>1</td> </tr> </tbody> </table>	Type	Jumlah	Journal	31	Book	2	Chapter in Book	1	
Type	Jumlah									
Journal	31									
Book	2									
Chapter in Book	1									
Journal										

1	Mohd Effendi @ Ewan, M. M., Ahmad Zamri, K., Siti Mistima, M., Nor Adila, A. & Effa Rina, M. M. 2018. The influence of intellectual quotient (IQ), emotional quotient (EQ) and spiritual quotient (SQ) against adversity quotient (AQ) on polytechnic students in Malaysia. <i>Journal of Engineering Science and Technology</i> 13(Special Issue 2018): 83-91. Indexing: ISI ESCI, SCOPUS. ISSN: 18234690.	2018
2	Mohd Effendi @ Ewan, M. M., Ahmad Zamri, K., Nordin, A. R. & Siti Mistima, M. 2018. Assessing the quality of items measuring Adversity Quotient among mechanical engineering students using Rasch model. <i>Proceedings of Mechanical Engineering Research Day 2018</i> : 312 - 321. UTeM, Melaka. Indexing: ISI ESCI WoS.	2018
3	Mohd Effendi @ Ewan, M. M., Siti Mistima, M., Haryanti, M. A., Suziyani, M. & Ahmad Zamri, K. 2018. Assessment of Psychometric Properties for Raven Advanced Progressive Matrices in Measuring Intellectual Quotient (IQ) Using Rasch Model. <i>Asian Journal of Scientific Research</i> . Indexing: SCOPUS.	2018
4	Mohd Effendi @ Ewan, M. M & Jawing, E. 2018. Dynamicality of Rasch Logits of USMEQ-i in skewness and kurtosis for normality testing. <i>Journal of Advanced Research in Dynamical and Control Systems</i> 10(02-Special Issue): 1732-1737. Journal Indexing: SCOPUS.	2018
5	Mohd Effendi @ Ewan, M. M., Ahmad Zamri, K., Mariani, M. N. & Nor Mashitah, M. R. 2018. Evaluating the content validity of IKBAR using content validity ratio among professional experts. <i>Advanced Science Letters</i> 24(7). Indexing: ERA	2018
6	Mohd Effendi @ Ewan, M. M., Ahmad Zamri, K., Nordin, A.R. & Maslawati, M. 2017. Improving the psychometric properties of the Mooney Problem Checklist by using Rasch Measurement Model. <i>Journal of Fundamental and Applied Sciences</i> . Indexing: ISI WoS - ESCI.	2017
7	Mohd Effendi @ Ewan, M. M. & Ahmad Zamri, K. 2016. Correlation between AQ with IQ, EQ and SQ among Polytechnic Students in Malaysia using Rasch Model. The Special Issue of <i>Indian Journal of Science and Technology (IJST)</i> . Indexing: SCOPUS.	2016
8	Mohd Effendi @ Ewan, M. M. & Ahmad Zamri, K. 2015. Exploring the Challenges faced by Polytechnic Students. <i>AIP Conference Proceedings</i> 1643: 101-107. American Institute of Physics Inc. Indexing: ISI (CPCI, Web of Science), SCOPUS (Elsevier)	2015
9	Mohd Effendi @ Ewan, M. M. & Zamri, K. 2015. Pengujian ciri psikometrik item USMEQ-i dalam kalangan pelajar politeknik menggunakan model Rasch. <i>Jurnal Teknologi</i> 75(1): 251 – 257. Penerbit UTM. Indexing: SCOPUS.	2015
10	Mohd Effendi @ Ewan, M. M., Ahmad Zamri, K. & Nordin, A. R. 2015. The influence of AQ on the academic achievement of polytechnic students in Malaysia. <i>International Education Studies</i> 8(6): 69 – 74. Canadian Center of Science and Education. Indexing: SCOPUS.	2015
Book		
1	Mohd Effendi @ Ewan, M. M., Ahmad Zamri, K., Nordin, A. R. 2016. <i>Manual Teknikal Instrumen Kecerdasan Menghadapi Cabaran (AQ)</i> . Negeri: Perfect Quarto Ventures.	2016
Chapter in Book		
1	Mohd Effendi @ Ewan, M. M., Ahmad Zamri, K., Nordin, A. R., Haryanti, M. A., Siti Mistima, M., Suziyani, M., Faizal Amin, N. Y. 2018. Pembangunan Produk dan Reka Bentuk, IKBAR: pengukuran adversity quotient (AQ) dalam kalangan pelajar politeknik menggunakan Model Pengukuran Rasch 3(3): 18. Johor: Penerbit	2018

List of Current Research

(Senarai Penyelidikan Terkini– Tempoh 5 Tahun)

Position	Total
Project Leader	2
Researchers	6

Grants Category	Code	Title of Project	Position	Project period/Status (Tempoh Projek/Status)
<i>Fundamental Research Grant Scheme (FRGS)</i>	<i>FRGS/1/2018/SSI09/UKM/02/1</i>	<i>Pembinaan Indeks Kecerdasan Menghadapi Cabaran atau Adversity Quotient (AQ) Bagi Belia Berisiko Komuniti B40</i>	<i>Project Leader</i>	<i>01/01/2019 - 31/12/2020</i>
<i>Geran Galakan Penyelidik Muda (GGPM)</i>	<i>GGPM-2017-088</i>	<i>Pembinaan Dan Pengesahan Instrumen Pengukuran Adversity Quotient (AQ) Dalam Kalangan Belia di Malaysia</i>	<i>Project Leader</i>	
<i>Dana Penyelidikan Strategik</i>		<i>Kajian Pengukuran Tahap Integriti Dalam Kalangan Ahli Akademik Universiti Kebangsaan Malaysia</i>	<i>Joint Researcher</i>	
<i>Geran Universiti Penyelidikan</i>	<i>GUP-2018-032</i>	<i>Developing Urban Ecosystem Services Index for Malaysia Urban Area Towards a Livable City and Achieving Sustainable Development Goals</i>	<i>Joint Researcher</i>	
<i>Tabung Kokurikulum PTJ</i>	<i>GG-2018-012</i>	<i>Lonjakan Penerbitan Pusat Kepimpinan dan Polisi Pendidikan</i>	<i>Joint Researcher</i>	

No.	(Community Service / Network) <i>Khidmat Masyarakat / Jaringan</i>	Year (Tahun)
1	Speaker for more than 10 research workshops at different places. Among them are at MAGiC Cyberjaya, Pusat PERMATApintar Negara, Faculty of Education, Universiti Kebangsaan Malaysia, Department of Mechanical Engineering (JKM), Department of Mathematics, Science and Computer (JMSK), Department of Civil Engineering (JKA), Department of Commerce (JP), Politeknik Sultan Azlan Shah Perak and Politeknik Nilai.	2016 - 2019
2	<i>Journal of Advanced Review on Scientific Research</i> . Penerbit AkademiBaru. (Associate Editor)	
3	<i>Journal of Advanced Research in Business and Management Studies</i> . Penerbit AkademiBaru. (Associate Editor)	
4	<i>Journal of Advanced Research in Social and Behavioural Sciences</i> . Penerbit AkademiBaru. (Associate Editor)	
5	<i>Reviewer - journals, conferences, seminars</i>	
6	<i>Expert panel for instrument developed by Nurhanim Saadah binti Abdullah entitled Life and Career Skills among TVET Students in Polytechnics in Malaysia, instrument developed by Dr Ahmad Zamri Khairani entitled Instrumen AQ dalam kalangan Pelajar Universiti and content validity for PhD/Masters students from UMS, UTHM, UKM, and UPM.</i>	
7	International Academic Panel Member for <i>the Interdisciplinary Circle of Science, Arts and Innovation (ICSAI.org)</i>	
8	Panel for <i>Modul Inspirasi Diri (MIND) for Penasihat Akademik (P.A) - Jabatan Pendidikan Politeknik, Putrajaya.</i>	
9	Judges for Innovation in Breakthrough Invention, Innovation And Design Exhibition (BIIDE) 2016 organized at Universiti Teknologi MARA, Cawangan Pahang (Jengka) and Kolokium Politeknik Sultan Azlan Shah, Tanjong Malim, Perak.	2016 & 2015