



Malaysia Association of Research
and Education for Educators (MAsREE)

ICREE E-CONFERENCE 2021

INTERNATIONAL e-CONFERENCE
OF RESEARCH AND EDUCATION
FOR EDUCATORS 2021

ZOOM

ONLINE CONFERENCE

*“Challenges in Education Management in the
Era of the Covid-19 Pandemic”*

BUKU PROGRAM & ABSTRACT

17 JULY 2021



WELCOME NOTES

INTERNATIONAL e-CONFERENCE OF RESEARCH AND EDUCATION FOR EDUCATOR (e-ICREE) 2021



It is with great honor and pleasure that I welcome you to the International e-Conference of Research and Education for Educators (e-ICREE) 2021. I believe that this e-conference is an excellent platform for you to connect and form collaborations that will further develop research and education in Malaysia and other regions.

Education is the foundation of the human capital development process. Continuous commitment and efforts in developing human capital are determining factors to ensure that the country has an innovative and highly knowledgeable society.

The Ministry of Higher Education (MoHE) acknowledges the challenges that come with the Fourth Industrial Revolution which has accelerated the need to embrace changes within the field of research and education. To address the needs in our ever changing times, MoHE is supportive of endeavors where educators, academicians and researchers can enter into constructive dialogue.

It is with great hope that e-ICREE 2021 formed by MASREE will contribute to the expansion of research and educational expertise at all levels of education to enhance quality human capital development. It is also hoped that there will be more activities such as this, which enables the sharing of research output, working papers, reviews and articles in various fields of studies in the future.

I would like to thank and congratulate MASREE for making this conference possible. This initiative reflects the determination of all parties in driving research and education excellence for the betterment of the generations to come.

A stylized, handwritten signature in black ink, appearing to read 'Rosli Yaakub'.

Y. Bhg. Datuk Rosli Yaakub

Deputy Secretary-General
Ministry of Higher Education

WELCOME NOTES

INTERNATIONAL e-CONFERENCE OF RESEARCH AND EDUCATION FOR EDUCATOR (e-ICREE) 2021



Dear Participants and Presenters,

With great pleasure and appreciation, on behalf of MAsREE, I welcome you to e-ICREE 2021. This is the fifth year of ICREE and, this time around it is a special one for we have to conduct it virtually due to the unexpected Covid-19 Pandemic. I believe most of our presenters and participants are young and IT savvy, this mode of presentation would rather serve as an enhancement opportunity to polish personal skill.

Nonetheless, sharing of personal ideas and experience of teaching and learning during pandemic time would be of great value to all. Since the on-line teaching and learning was conducted abruptly, so not much time for preparation was available then. The execution was more of an *ad hoc* and trial and error basis. Simultaneously, there are challenges on the part of the students and, the challenges given by the students to educators too. It would be very interesting and meaningful to know how educators manoeuvres and navigate the course of their instruction in various contexts.

On behalf of MAsREE I humbly thank all participants and presenters for making this conference a success. To all committee members who worked tirelessly to organize e-ICREE 2021, thank you so much and we really appreciate your contribution. To all presenters, do look up for our other conferences and seminars from time to time for we hope to see you again in the future. Have a meaningful and pleasant sharing sessions and it truly is great having all of you in e-ICREE 2021. Thank you.

A handwritten signature in black ink, appearing to be 'M. Nazrul Hakim Abdullah'.

Y. Bhg. Profesor Dr. **Muhammad Nazrul Hakim Abdullah**

Chairman

Malaysia Association of Research and Education for Educators (MAsREE)

WELCOME NOTES

INTERNATIONAL e-CONFERENCE OF RESEARCH AND EDUCATION FOR EDUCATOR (e-ICREE) 2021



Welcome to the International Conference of Research and Education for Educators (ICREE) e-Conference 2021. This time for ICREE will be held via webinar as due to the Covid-19 pandemic. On behalf of the organizing committee I wish to express our appreciation and thanks to all presenters and participants for your presence at e-ICREE 2021.

This year, e-ICREE 2021 faces a new challenge with the Covid-19 pandemic and online mobile teaching. We hope that this conference serves as a platform for sharing and exchanging knowledge, ideas and thoughts, as well as fostering new friendship. And I believe that this conference will take educators, academicians and researchers in the field of education to another level, in addressing the issues of diversity, harmony and unity in the Covid-19 Pandemic Era, which can play a vital role in ensuring a peaceful environment for the education community. By bringing together experts and speakers from various areas, I believe that this conference will be the perfect platform for presenters and participants to enhance their knowledge and expertise in their respective fields.

We sincerely hope that all of you will benefit from the presentations and the discussions at e-ICREE 2021. Let's learn from each other in preparation to face the future. Finally, we wish all the participants a very productive conference and generating good discussion on all aspects of education. Thank you.

A handwritten signature in black ink, appearing to read 'Tajularipin Sulaiman'. The signature is stylized and cursive.

Associate Professor Dr. **Tajularipin Sulaiman**

Chairman

International E-Conference of Research and Education for Educators (E-ICREE) 2021

Biography Forum Panel

**ASSOCIATE PROFESSOR DR.
AHMAD ZABIDI BIN ABDUL RAZAK**



Dr. Ahmad Zabidi Bin Abdul Razak is an Associate Professor at the Department of Educational Management, Planning and Policy, Faculty of Education, University of Malaya, and he is currently the Deputy Dean Research Cluster (Social Advancement and Happiness), Universiti Malaya. He is a former of Deputy Dean (Research and Development), Faculty of Education and Head of Department (Educational Management, Planning and Policy), Faculty Of Education, Universiti Malaya. He received his Bachelor Degree and Master degree from University of Malaya and PhD degree from Massey University, New Zealand. His area of specialization and research is in educational management and leadership; and human resource management in education. He has headed several researches in the area of educational management and leadership; and human resource management in education, funded by various agencies. He has authored and co-authored several books, articles and research reports in the area of educational management and leadership; and human resource management in education and education in general. He can be reached: zabidi@um.edu.my

Biography Forum Panel

DR. ZALINA MOHD TAHIR



ACHIEVEMENTS

1. Outstanding Award Recipient 2002 (MOE)
2. Outstanding Award Recipient 2008 (MOE)
3. Outstanding Award Recipient 2010 (MOE)
4. Best Student Award Upon Receiving Doctoral Degree (PhD) (UTM)
5. Ahli Mangku Negara (AMN) – 2016
6. Outstanding Award Recipient 2017 (MOE)
7. Outstanding Award Recipient – Presentation of Study Paper in Abu Dhabi, 2018
8. Best Paper Award- ICREE 2019
9. Recipient Of Special Education Award – Federal Territory 2020
10. Certified Coach MTIAB 0836
11. Outstanding Award Recipient 2021 (Seminar Nasional Ke-28, Institut Aminuddin Baki)

DR. ZALINA MOHD TAHIR

SCHOOL IMPROVEMENT PARTNER

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JEMAAH NAZIR DAN JAMINAN KUALITI KUALA LUMPUR
-2010-2011

-PENOLONG PENGARAH
JEMAAH NAZIR DAN JAMINAN KUALITI KPM, PUTRAJAYA
-2007-2009

-SENIOR ASSISTANT (GPK)
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Dr. Amalina Ibrahim
Dr. Mohamed Nazul Ismail
Dr. Umi Kalsum Mohd Salleh
Dr. Wei Hui Suan

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**INTERNATIONAL e-CONFERENCE OF RESEARCH AND
EDUCATION FOR EDUCATORS 2021 [e-ICREE 2021]**

----- Program Schedule-----

17th JULY 2021

TIME	SESSION
08:30 – 09:00 a.m.	Camera Ready
09:00 – 09:30 a.m.	<p><u>Welcoming Speech</u> Professor Dr. Muhammad Nazrul Hakim Abdullah CHAIRMAN Malaysia Association of Research and Education for Educators (MAsREE)</p>
09:30 – 12:30 p.m.	PARALLEL SESSION
12:30 – 2:00 p.m.	Break
02:00 – 4:00 p.m.	<p><u>FORUM</u></p> <p>FORUM TITLE: <i>“Challenges in Education Management in the Era of the Covid-19 Pandemic”</i></p> <p>Moderator: ❖ Dr. Suzieleez Syrene Abdul Rahim (Universiti Malaya)</p> <p>PANEL:</p> <p>(1) Associate Professor Dr. Ahmad Zabidi Bin Abdul Razak Deputy Dean Research Cluster (Social Advancement and Happiness) Universiti Malaya</p> <p>(2) Dr. Zalina Mohd Tahir School Improvement Partner Ministry of Education Malaysia</p>
04:00 – 04:30 p.m.	ANNOUNCEMENT BEST PAPER & BEST PRESENTER
04:30 p.m.	End

PARALLEL SESSION SCHEDULE

Session 1 09:30p.m. – 10.30p.m.		Chairperson: Assoc. Prof. Dr. Omrah Hassan @Hussin	Chairperson: Assoc. Prof. Dr. Mohamad Nizam Nazarudin
09:30a.m. – 09:45a.m.	Title: Nutrition Knowledge, Attitude And Practice Among Elite Tennis Athletes <i>Azhar Yaacob, Ahmad Termizi Ahmad Kamil, Siti Zubaidah Nur Marthuan</i>	Title: Conceptual Knowledge in Geometry for Primary School Students: A Systematic Review <i>Hafiz Idrus, Hutkemri Zulnaidi, & Suzieleez Syrene Abdul Rahim</i>	
09:45a.m. – 10:00a.m.	Title: Using Quizizz To Enhance The Pupils' Mastery Of Grammar During The Pandemic <i>Soon Ming Hui, Tan Siok Yong, & Melor Md Yunus</i>	Title: The Moderating Role of Educational Qualification in the Relationship between Participatory Decision Making and Job Satisfaction: Evidence from an Islamic Tertiary Institution <i>Abulmajid Mohammed Abdulwahab Aldaba</i>	
10:00a.m. – 10:15a.m.	Title: Non-Optionist Primary English Second Language Teachers' Technological Pedagogical Content Knowledge (TPACK) Competence <i>Soh Yu Xuan, Chan Mei Yi & Melor Md Yunus</i>	Title: A Study On the Relationship Between Factors That Determine Career Decision Making Among Undergraduate Students in Nigeria <i>Salisu Yunusa, Wan Marzuki Wan Jaafar, Asmah Ismail, Wan Norhayati Wan Othman</i>	
10:15a.m. – 10:30a.m.	Title: In Upgrading the Senior Leaders Team (SLT) And Middle Leaders Team (MLT) Competency in Planning and Administrating Strategic Planning In Schools <i>Yusniza Mohamad Yusof, Faridah Hanim Ariffin & Ellan Govan A/L Rengan</i>	Title: Teachers' Perceptions On The Use Of Technology As Teaching And Learning Tool In Language Learning <i>Siti Noor Afiqah Mohamad, Nihayatul Istianah Mohd Fadzil & Melor Md Yunos</i>	

Session 2 10:30p.m. – 11.30p.m.	Chairperson: Assoc. Prof. Dr. Azlin Norhaini Mansor	Chairperson: Dr. Umi Kalsum Mohd Sileh
10:30a.m. – 10:45a.m.	<p style="text-align: center;">Title: Enculturation, Education and Sustainable Development: Understanding the Impact of Culture and Education on Climate Change</p> <p style="text-align: center;"><i>Saeid Motevalli & Mina Tresa Anak Michael</i></p>	<p style="text-align: center;">Title: A Review of Tik-Tok as A Medium to Enhance Pupils' Vocabulary</p> <p style="text-align: center;"><i>Nor Wahidah Muhammad, Nur Atikah Mazlan & Melor Md Yunus</i></p>
10:45a.m. – 11:00a.m.	<p style="text-align: center;">Title: Impact Of Covid-19 Pandemic On Sports Science Students' Learning Activity</p> <p style="text-align: center;"><i>Mohamad Nizam Nazarudin^{1*}, Robina Aktar¹, Ghulam Muhammad Kundi²</i></p>	<p style="text-align: center;">Title: Level of 6Cs Global Competencies among Trainee Teachers upon the Implementation of Pedagogical Capacity for Deep Learning based on Rasch Measurement</p> <p style="text-align: center;"><i>Ellyza Karim, Nor 'Azah Ahmad Safran, Noor Haslinda Mohd. Shuib & Azerai Azmi</i></p>
11:00a.m. – 11:15a.m.	<p style="text-align: center;">Title: E-Counsellors In Malaysia: A Profile</p> <p style="text-align: center;"><i>Zaida Nor Zainudin, Yusni Mohamad Yusop & Alia Sarah Md Asri</i></p>	<p style="text-align: center;">Title: Pelaksanaan Kemahiran Vokasional dalam PdP Pelajar Kurang Upaya di Pusat Pemulihan dalam Komuniti (PPDK): Tinjauan dari Perspektif Persekitaran Ekologi</p> <p style="text-align: center;"><i>Rahimah Jamaluddin & Mur Fatehah Mat Sapak</i></p>
11:15a.m. – 11:30a.m.	<p style="text-align: center;">Title: E-Learning During Covid-19: Secondary School Pupils' Readiness and Challenges in Miri, Sarawak</p> <p style="text-align: center;"><i>Jennie Ukat, Vanisa Magasvaran* & Melor Md Yunus</i></p>	<p style="text-align: center;">Title: Kepuasan Kerja Guru Sekolah Menengah Semasa Pandemik COVID 19 Fasa PKP 1.0: Peranan Kepemimpinan Pengetua</p> <p style="text-align: center;"><i>Hafiza Binti Zakaria, Suhaida Abdul Kadir* & Rahimah Jamaluddin</i></p>

Session 2 11:30p.m. – 12.30p.m.	Chairperson: Dr. Mohamed Nazul Ismail	Chairperson: Dr. Amalina Ibrahim
11:30a.m. – 11:45a.m.	<p style="text-align: center;">Title: Kesahan Kandungan Modul Pendedahan Kerjaya (MPK) untuk Murid Sekolah Rendah</p> <p style="text-align: center;"><i>Nurul Nadia Abdul Ghafar, Yusni Mohamad Yusop, Zaida Nor Zainuddin & Wan Norhayati Wan Othman</i></p>	<p style="text-align: center;">Title: Hubungan Kefahaman Konsep “4c” Dan Amalan Dalam Kalangan Guru Novis Pulau Pinang</p> <p style="text-align: center;"><i>Baskaran Subramaniam, Md Zuki Hashim & Zakaria Saad</i></p>
11:45a.m. – 12:00 noon	<p style="text-align: center;">Title: Stress, Anxiety, Depression and Teachers’ Work Motivation during Movement Control Order (MCO)</p> <p style="text-align: center;"><i>Abdul Aziz Ismail & Nurhana Kulob Mat Ratu</i></p>	<p style="text-align: center;">Title: Strategi Menghadapi Tekanan Dalam Kalangan Guru Sekolah Rendah Di Zon Ampang</p> <p style="text-align: center;"><i>Ahmad Fauzi bin Ariffin, Subadrah Madhawa Nair, Wei Hui Suan</i></p>
12:00 noon – 12:15p.m.	<p style="text-align: center;">Title: Pembangunan Dan Analisis Demografi Skala Kesediaan Guru Terhadap Pengajaran Dan Pembelajaran Di Rumah (PdPr) Dan Analisis Demografi</p> <p style="text-align: center;"><i>Nur Hidayah Zabarani, Azlin Norhaini Mansor, Khairul Azhar Jamaludin * & Abdul Aziz Ismail</i></p>	<p style="text-align: center;">Title: Measuring The Usability of Ms Team as E-Learning Medium In Covid-19 Pandemic Using Use Questionnaire</p> <p style="text-align: center;"><i>Noorhidayah A.Kassim, Mohamad Shahrizal Alias & Tan Choon Keong</i></p>
12:15p.m. – 12:30p.m.	<p style="text-align: center;">Title: Pengaruh Pengharapan, Sikap Terhadap Perkhidmatan Kaunseling Dan Niat Untuk Mendapatkan Perkhidmatan Kaunseling Dalam Kalangan Banduan Wanita Kajang</p> <p style="text-align: center;"><i>Wan Norhayati Wan Othman</i></p>	<p style="text-align: center;">Title: Practices of Creative Teaching and Alternative Assessment in Higher Education: Educators’ Perspectives</p> <p style="text-align: center;"><i>Nur Syafiqah Azlan & Tajularipin Sulaiman</i></p>

Abstract

Nutrition Knowledge, Attitude and Practice Among Elite Tennis Athletes

Azhar Yaacob, Ahmad Termizi Ahmad Kamil, Siti Zubaidah Nur Marthuan
Sports Academy, Universiti Putra Malaysia

Abstract- Nutrition is an important element for sport performance in athletes. A part from providing energy for athletic performance, sport nutrition also plays important role in muscle development, recovery process, general health maintenance and other function. Thus, it is crucial for every athlete to know and practice sports nutrition knowledge for their own benefit. This research was aimed to study the nutrition knowledge, practice and attitude towards sports nutrition among tennis elite athletes in Malaysia. A self-administered knowledge, attitude and practice of sports nutrition were distributed to tennis athletes. 20 completed survey form were returned but only 15 were categorized into elite category and analyzed for this study. All respondents have moderate knowledge on sport nutrition (mean= 17) with the highest score is 18 and the lowest is 16. For food choice and eating habit, the mean value is also moderate (30.93) with only one respondent score High (40) and the rest score is moderate. Attitude towards sports nutrition also show that athletes moderates attitudes regarding sports nutrition (54.13). In this study, higher score represents higher knowledge, positive food choice, eating habit and good attitudes towards sports nutrition practice. From this study, it was shown that these elite athletes only show moderate value in all tested criteria.

Using Quizizz to Enhance the Pupils' Mastery of Grammar during the Pandemic

Soon Ming Hui, Tan Siok Yong, & Melor Md Yunus
Universiti Kebangsaan Malaysia

Abstract- The teaching of grammar has always been a contentious topic of language acquisition, since the teaching approach is often tedious and boring. In regards to this matter, teachers are urged to engage their pupils in a fun and meaningful manner throughout the teaching and learning process. In this new era where digital technologies are indispensable, more innovative tools have gradually emerged in the education field, and their existence are especially prominent during the COVID-19 pandemic. Hence, this paper attempted to investigate the use of Quizizz in enhancing the pupils' mastery of grammar during the pandemic. Quizizz is an innovative platform with presentations and gamified quizzes which allows the learners to study at their own pace. The participants of this research comprised a total of 30 Year 5 pupils from a primary school in Kelantan, Malaysia. Data were collected by means of closed-ended items questionnaire via survey research design and were analysed and discussed quantitatively in descriptive analysis. The findings revealed that Quizizz has shown a positive impact among the Year 5 pupils. Results of the study showed that the pupils were more motivated to learn and participate in a fun learning environment. Future research is suggested to extend the use of Quizizz in teaching different language skills.

KeyWords: Quizizz, grammar mastery, pandemic, fun, motivation

Non-Optionist Primary English Second Language Teachers' Technological Pedagogical Content Knowledge (TPACK) Competence

Soh Yu Xuan, Chan Mei Yi & Melor Md Yunus
Universiti Kebangsaan Malaysia

Abstract- Technology has grown into a knowledge resource that can be incorporated into the subject matter being instructed, in spite of acting as a teaching tool. English language educators who are not competent will have an inauspicious influence on students' language learning performance despite all endeavour to bolster educational establishment. Thus, it is necessary for the teachers as the main driving force to be competent in intertwining ICT with pedagogy and content, better known as Technological Pedagogical Content Knowledge (TPACK) for successful technology inclusion in education. Past studies have been done on teachers' TPACK competence focusing on specific subjects and factors affecting the TPACK level but there is a lack of investigation on the TPACK level with regards to the non-optionist teachers in the primary ESL teaching and the age factors. Thus, this study intends to identify non-optionist ESL teachers perceived TPACK competence in the primary ESL classroom. The method used is a quantitative descriptive approach. A web-based survey questionnaire was sent to 50 primary school teachers in Malaysia. The findings demonstrated that non-optionist ESL teachers' TPACK competence is at a moderately high level, mainly in the technology-based domains. This study likewise found that age and TPACK levels were statistical significantly related. This research may be used as a reference by school authority to provide courses or skills training for the educators or teachers who choose to introduce technology inclusion in ESL teaching and learning. Future research may focus on technology's influence on teaching skills in different subject areas.

KeyWords: TPACK, competence, non-optionist ESL teacher, primary, ESL classroom

In Upgrading the Senior Leaders Team (SLT) And Middle Leaders Team (MLT) Competency in Planning and Administrating Strategic Planning In Schools

Yusniza Mohamad Yusof, Faridah Hanim Ariffin & Ellan Govan A/L Rengan
Pejabat Pendidikan Daerah Sentul, Kuala Lumpur

Abstract- All organizations need Strategic Planning to determine the direction of the organization to achieve its goals. It helps to build a formal structure about the mission, objectives and tactics of an organization. It aims to solve problems or issues that turn up unexpectedly in the quest of achieving the goals. There were so many issues that have arisen in the strategic planning process in schools but the most significant issue is when the objectives and the tactics identified by the SLT were not understanding and followed through by the MLT. Therefore, the problems remained unsolved. In addition, there was a lack of resources to assist the SLT and MLT in further understanding the strategic planning process. More problems arose when they are unable to comprehend the strategic planning process which is more focused that creates differentiated strategic planning to cater to each problem exclusively. Therefore, this research study on solving the issues has been tried out in three schools. The schools are SMK Menjalara, SMK Dato' Ibrahim Yaakob and SMK Maxwell. These schools are chosen as they are identified as schools that have the problems mentioned above. All three schools have gone through the Growth Coaching Program and the PIKAT program. The programs are done in solving the problem that has been identified by the District Education Office through the Differentiated Strategic Planning process done. The first problem

identified is the low percentage of passes in SPM. Through the coaching done using tools such as PSOT Chart and Gold Model PSO Terbeza Layak Sijil SPM, the result disclosed that the SLT and MLT have shown better understanding and a higher percentage of competency level in the Differentiated Strategy Planning Process. The SLT and MLT can connect better and follow through with the process. They understood their roles in the process and able to plan and even carried out the programs under the differentiated strategic planning process successfully. The MLT was able to follow through with the programs planned by the SLT. The dots were finally connected. The quantitative method was used in this study where the pre and post questionnaire was distributed to the participants. The outcome concludes continuous coaching is needed to ensure better understanding in connecting the dots to enable the organization to move forward and achieve its objectives and goals successfully.

Keywords: Differentiated Strategic Planning Process in Organisation (PSOT), Strategic Planning Process

Hubungan Kefahaman Konsep “4c” Dan Amalan Dalam Kalangan Guru Novis Pulau Pinang

Baskaran Subramaniam, Md Zuki Hashim & Zakaria Saad
Institut Pendidikan Guru Kampus Sultan Abdul Halim

Abstract- Penerimaan ciri-ciri pembelajaran abad ke-21 dalam kalangan guru didapati masih pada tahap sederhana terutama aspek aplikasi 4C. Justeru, kajian ini bertujuan untuk meninjau kefahaman konsep “4C” dan amalan dalam kalangan guru novis Pulau Pinang. Reka bentuk kajian ini menggunakan pendekatan kuantitatif. Data kajian diperolehi daripada soal selidik yang telah di-e-melkan kepada responden yang terdiri daripada 128 orang guru novis Pulau Pinang melalui persampelan bertujuan (*purposive sampling*). Data kajian dianalisis menggunakan perisian *Statistical Package for Social Science* versi 25. Min, sisihan piawai, ujian t, anova dan korelasi Pearson digunakan untuk menjawab soalan-soalan kajian. Dapatan kajian ini menunjukkan tahap kefahaman 4C dalam kalangan guru novis adalah tinggi (3.13) dan tahap amalan 4C juga tinggi (3.20). Keputusan ujian t pula menzahirkan tidak wujud perbezaan yang signifikan dari segi kefahaman tentang 4C (0.073) dan amalan 4C dalam kalangan guru novis mengikut jantina (0.445). Manakala keputusan ujian anova juga menzahirkan tidak wujud perbezaan yang signifikan dari segi kefahaman 4C (0.348) dan amalan 4C (0.161) dalam kalangan guru novis mengikut pengalaman mengajar. Manakala ujian korelasi menunjukkan hubungan yang signifikan dan positif yang sangat kuat pada nilai $r = 0.802$. Walaupun begitu pihak KPM masih ada ruang untuk membuat penambahbaikan kefahaman dan amalan 4C dalam kalangan guru novis melalui Kursus Pembangunan Profesional Berterusan. Para penyelidik berpeluang untuk membuat kajian impak latihan yang diberikan terhadap kefahaman dan amalan 4C.

Keywords – kefahaman 4C, amalan 4C, guru novis, pembelajaran abad ke-21

The Moderating Role of Educational Qualification in the Relationship between Participatory Decision Making and Job Satisfaction: Evidence from an Islamic Tertiary Institution

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Abstract- The purpose of this study is to examine the degree of influence of administrative staff's Participatory Decision Making (PDM) on their Job Satisfaction (JS), and test the moderating role of staff's education qualification in the influence of PDM on JS. Using a quantitative survey approach, data were collected from 255 administrative staff working in different faculties, divisions, and centers of International Islamic University Malaysia (IIUM). The study employed co-variance-based SEM by using AMOS version 26 in order to achieve the objectives. First, Confirmatory Factor Analysis (CFA) was employed to test the psychometric properties (such as convergent validity, divergent validity, and reliability) for both PDM and JS. Second, a Full-Fledged SEM was conducted to test the influence of PDM on JS. Finally, to examine the moderating effect of the staff education qualification in the relationship between PDM and JST, a multi-group analysis (MGA) was applied. The results confirmed that the multidimensional hypothesized model of PDM and JS were empirically valid and reliable. The results also revealed a statistically significant impact for PDM on JS. Besides, the educational qualification was found to have a moderating role in the effect of PDM on JS. The study suggests that administrative staff involvement in decision making process is highly required as it increases their job satisfaction.

Teachers' Perceptions On The Use Of Technology As Teaching And Learning Tool In Language Learning

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Universiti Kebangsaan Malaysia

Abstract- Technology usage is not something new in our education system and due to the new normal we lived in, technology has been used rapidly today compared to back then. Technology has been a new medium in teaching and learning process rather than the traditional way. It offers a lot of functions in order to make teaching and learning more enjoyable and meaningful. With the help of technology, it provides variance of teaching techniques and teaching materials which act as tool that can be used in teaching and learning process. However, not all teachers are familiar with the use of technology in their teaching and learning due to some constraints. This study aims to know the teachers' perceptions towards technology as a tool in language learning besides identifying the problems occurs by using technology in language learning. In this context, technology usage is defined as teaching tools, materials or applications used by the teachers in their language learning. This research used a qualitative method. An online questionnaire were distributed to 30 English teachers in the rural area. The finding of the research showed that most teachers were having positive perceptions towards the use of technology as it was a beneficial factor in language learning despite of the problem they had. Although the result showed positive perceptions towards the use of technology, more research is needed to identify the teachers' competency in using digital tools.

KeyWords: perceptions, technology, teaching and learning tool, language learning

A Study On the Relationship Between Factors That Determine Career Decision Making Among Undergraduate Students in Nigeria

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Abstract- The purpose of this research paper was to investigate the relationship between career decision making and Financial reasons, school environment and Counsellor/Teacher influence among undergraduate students in Jigawa state, Nigeria. This research work utilizes a quantitative correlational research design. The study uses correlational design to see the correlation between financial reasons, school environment and Counsellor/Teacher influence among undergraduate students in Jigawa state, Nigeria. 1,200 undergraduates form the population while 373 constitute the sample size. Instruments used are factors influencing undergraduate students career decision making questionnaire and career decision making self-efficacy short form questionnaire.

Structural Equation Modelling (SEM) by using Smart Partial Least Squares (Smart-PLS 3.2.9) in line with the hypotheses show that the first highest significant path if financial reasons and CDM ($t=4.229$), ($\beta=0.195$) and ($P=0.000$) the second highest significant path is school environment and CDM ($t=2.498$), ($\beta=0.143$) and ($P= 0.013$) have significant relationship with career decision making at 0.05 level of significant. **Recommendations:** Government and non-governmental organizations should be offering scholarships to the needy students in order to pursue their chosen careers. The School administrators should be exposing students to career information and mentoring that would help them in making wise and realistic career decision.

Conclusion: The study concluded that schools and non-governmental organization should be organizing regular career guidance programs that would help students to acquired career information that would help them in choosing their career.

KeyWords: Career decision making, Financial reasons, School Environment and Counsellor/Teacher

Enculturation, Education and Sustainable Development: Understanding the Impact of Culture and Education on Climate Change

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Abstract- Education should play an important role in sustainable development. However, we were also faced with the enculturation in the education systems that contribute to the literacy of the environmental issue and challenges in maintaining sustainable development. In this review, we aimed to synthesize the recent research findings on how enculturation was developed among students through social and cultural factors and the role of education for sustainable development. In synthesizing the enculturation in the education system, we found several contributing social and cultural factors such as family cultural background and parental values, school systems, teachers' beliefs and the attitudes and appraisal of students used in the different school environments. Co-existing differences were also found when examined the environmental issue literacy among students from different cultures in the studies along

with energy literacy and ocean literacy from cross-cultural studies perspectives. Drawing on these findings, we further add on how education for sustainable development in different cultures was integrated and emphasized in their existing school curricula to help other cultures to learn more on how education for sustainable development was developed across cultural context.

KeyWords: Cross-cultural, Enculturation, Education and Sustainable Development, Climate Change

Pengaruh Pengharapan, Sikap Terhadap Perkhidmatan Kaunseling Dan Niat Untuk Mendapatkan Perkhidmatan Kaunseling Dalam Kalangan Banduan Wanita Kajang

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Abstract- Kajian ini bertujuan untuk mengkaji pengaruh pengharapan, sikap terhadap perkhidmatan kaunseling dan niat untuk mendapatkan perkhidmatan kaunseling. Kajian deskriptif dan korelasi ini dijalankan ke atas 162 orang banduan wanita Penjara Kajang yang telah jatuh hukum menggunakan teknik persampelan bertujuan. Instrumen *Expectation About Counselling-Brief Form* oleh Tinsley, Workman dan Kass (1980) telah digunakan bagi mengukur faktor pengharapan, *Attitude Towards Seeking Professional Psychological Help Scale* oleh Fisher dan Farina (1995) digunakan bagi mengukur faktor sikap terhadap kaunseling dan *Intentions to Seek Counseling Inventory* oleh Ajzen (2006) digunakan untuk mengukur niat untuk mendapatkan perkhidmatan kaunseling. Dapatan kajian menunjukkan terdapat hubungan yang signifikan di antara kedua-dua pemboleh ubah pengharapan dan sikap terhadap niat untuk mendapatkan perkhidmatan kaunseling dalam kalangan banduan wanita. Secara keseluruhan, kajian ini dapat memberi satu implikasi besar terhadap perkhidmatan bimbingan dan kaunseling yang disediakan oleh Agensi Jabatan Penjara Malaysia dalam hubungan menolong dan pemulihan tahanan.

E-Counsellors In Malaysia: A Profile

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Abstract- E-counselling services or online counselling has currently becoming a more convenient approach especially amidst the COVID-19 outbreak. There are numbers of counsellor start to offer this alternative service in Malaysia. This study is to profile the counsellors who practises e-counselling in Malaysia. The survey study was conducted across all states in Malaysia which comprised the individual institutions respective to the subjects' working places as e-counsellors. 233 respondents answered in this online survey. The findings show that a percentage of 52 (22.3%) male and 181 (77.7%) female e-counsellors from different races as 171 (73.4%) Malay, 15 (6.4%) Chinese, 14 (6.0%) Indian and 33 (14.2%) individuals from other minority ethnic groups in Malaysia. A total of 176 (75.5%) are registered counsellors, while 57 (24.5%) are unregistered counsellors yet they are qualified counsellors. Findings also include the age group, academic qualification, years of experience and licence status. This profiling can help the Malaysia Board of Counsellors and Training and Education agencies to prepare the training of skills for the e-counsellors in order to enhance the E-counselling services in Malaysia.

KeyWords: e-counselling, online counselling, counsellor, profile

E-Learning During Covid-19: Secondary School Pupils' Readiness and Challenges in Miri, Sarawak

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Universiti Kebangsaan Malaysia

Abstract- There is a major shift in the educational field when the world is facing a pandemic that impacts our daily lives. Problems arise due to the transition from standard learning which is face to face learning to utilizing E-learning platforms. This transition results in pupils facing difficulties in their learning process due to the extensive use of technology. The aim of this study is to identify pupils' readiness and challenges on E-learning during Covid-19 pandemic in Miri, Sarawak. Using a quantitative approach, this research employed survey research through a structured questionnaire as the instrument used for the data collection. A total of 100 secondary school pupils in Miri, Sarawak were involved in answering the questionnaire. The collected data were analysed using descriptive analysis with frequency count and percentage. The findings show that pupils are ready to continue implementing online learning, as they have adequate ICT facilities, knowledge and skills about using electronic resources. It is found that the key issues that affect online learning during COVID-19 have been discovered to be linked to pupils' being demotivated and lack of knowledge about various online learning platforms used. The results of the research will aid educational institutions and policy makers in improving the online-learning experience from this existing situation.

Keywords: E-learning during Covid-19, Pupils' Readiness, E-learning Challenges, Secondary School Pupils.

A Review of Tik-Tok as A Medium to Enhance Pupils' Vocabulary

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Abstract- The revolution of technology has always made our life easier. It performs several tasks in many parts of modern life. Social media is one of the technologies that has grown in popularity among people of all ages. Tik-Tok, a popular application among worldwide netizens in recent years, has gotten a lot of attention. The number of users has increased almost six times in less than 18 months. In Malaysia, the number of Tik-Tok users has expanded in lockstep with the international trend. Even though some adults claim that Tik-Tok might affect its users negatively, it does have a positive side, especially to the youngsters. In 2020, due to the pandemic, teachers in Malaysia started to adopt Tik-Tok in their offline lessons. Tik-Tok is one example of the blended learning enrich virtual approach. It can be used as project-based learning because pupils will have fun creating their videos. Therefore, this paper aims to review the usage of Tik-Tok as a medium to enhance pupils' English vocabulary. It includes a review of other relevant past studies on the benefits of social media to pupils in English language acquisition from 2017 until 2020 across the database Google Scholar. Hence the finding of this study could encourage teachers to explore the Tik-Tok application so that they can use the blended learning virtual approach in the future.

Keywords: Technology, blended learning, Tik-Tok, vocabulary.

Level of 6Cs Global Competencies among Trainee Teachers upon the Implementation of Pedagogical Capacity for Deep Learning based on Rasch Measurement

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Abstract- Appropriate pedagogy and effective teaching strategy contribute to students' interest in learning. Thus, Pedagogical Capacity for Deep Learning (PCDL) was introduced as one of the latest pedagogical-centred capacities. PCDL is committed to develop learning relationship between and among students, lecturers and the community. It emphasised on design learning model which involved four main areas, namely pedagogical practice, learning environment, learning partnership and leveraging digital. The purpose of this study was to examine the implementation of PCDL in teacher training programmes at the Teacher Training Institutes to support the teacher trainees to master the 6Cs (Citizenship, Character, Communication, Creativity, Critical thinking and Collaboration) global competencies. Hence, this study aimed to measure the mastery level of the 6Cs global competencies among teacher trainees. There were 164 respondents from Negeri Sembilan, Penang, Sabah and Johor from science stream background, aged from 20 to 22 years old. The data were collected using an online survey and analysed based on Rasch measurement model. The questionnaire had 30 questions in which the respondents responded by choosing their answers based on a five ranks. Quantitatively, the overall mean logit of the 6Cs global competencies was ($M = 1.11$, $SD = 1.47$). The item difficulty range (-0.85 to $+1.03$ logits) was much smaller than the range of teacher trainees' competency (-3.24 to 4.97 logits). This indicated that teacher trainees perceived they had mastered the 6Cs global competencies based on what had been asked in the questionnaire. Person separation S index of 4.49 ($R = 0.95$) and an item separation S index of 3.40 ($R = 0.92$) showed high level of instrument consistency and good category hierarchy. Based on Item-Person map, 'collaboration' was the easiest competency to acquire by the respondents while 'creativity' was the hardest. 'Critical thinking' competency was considered challenging to perform. Whereas, 'character', 'citizenship' and 'communication' competencies were distributed evenly among the teacher trainees.

Pelaksanaan Kemahiran Vokasional dalam PdP Pelajar Kurang Upaya di Pusat Pemulihan dalam Komuniti (PPDK): Tinjauan dari Perspektif Persekitaran Ekologi

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Abstract- Selaras dengan konsep pendidikan untuk semua, kanak-kanak berkeperluan khas yang terdiri daripada mereka yang mengalami kesukaran untuk belajar adalah tidak terkecuali. Pendidikan vokasional merupakan pendidikan amali yang menitikberatkan kemahiran dan memberi penekanan dari aspek disiplin serta membentuk sikap positif dalam diri murid bagi menguasai kemahiran yang diperlukan untuk melakukan sesuatu perkerjaan. Maka individu seperti ini memerlukan pengubahsuaian kepada kurikulum dan kaedah mengajar supaya mereka dapat merealisasikan potensi mereka secara optimum. Pusat Pemulihan dalam Komuniti (PPDK) merupakan institusi pendidikan di bawah seliaan Jabatan Kebajikan Masyarakat Malaysia (JKMM). Kebanyakan kajian sedia ada berfokus kepada kemahiran vokasional murid berkeperluan khas (MBK) yang berada di aliran perdana. Justeru, tujuan kajian ini dijalankan adalah meneroka persekitaran ekologi dalam pelaksanaan PdP kemahiran vokasional dalam kalangan murid kurang upaya di PPDK. Informan kajian terdiri

daripada 6 orang guru yang mengajar di PPDK di Selangor. Dapatan kualitatif melalui temubual separa berstruktur menunjukkan bahawa guru PPDK mengaplikasikan pelbagai strategi PdP bagi menyokong pelaksanaan kemahiran vokasional. Namun, pelaksanaan PdP masih kurang memuaskan atas beberapa faktor seperti kurangnya kemahiran pedagogi, kemudahan dan peralatan makmal yang tidak mencukupi serta kurang latihan vokasional. Persekitaran mikro dan meso menjadi fokus utama guru PPDK dalam melaksanakan PdP kemahiran vokasional. Dapatan kajian ini mencadangkan agar guru PPDK diberi pendedahan untuk melibatkan persekitaran ekso dan makro dalam PdP melalui pembelajaran berasaskan komuniti atau konsep pelaksanaan tanggungjawab sosial korporat (CSR) dalam usaha meningkatkan kemahiran vokasional dalam kalangan murid serta guru itu sendiri.

Kepuasan Kerja Guru Sekolah Menengah Semasa Pandemik COVID 19 Fasa PKP 1.0: Peranan Kepemimpinan Pengetua

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Abstract- Seluruh dunia mula menerima bahang pandemic COVID 19 pada penghujung tahun 2019 termasuk Malaysia. Apabila kerajaan mengumumkan Perintah Kawalan Pergerakan buat kali pertama, suasana persekolahan juga turut mengalami perubahan yang mendadak. Kejayaan sekolah dalam melaksanakan pengajaran dan pembelajaran dari rumah sangat bergantung kepada kepuasan kerja guru dalam bidang pendidikan. Satu kajian telah dijalankan bertujuan mengenal pasti kepuasan kerja guru semasa peringkat awal pandemic COVID 19. Mengambil kira pengaruh kepemimpinan pengetua terhadap perkembangan sekolah, kajian ini juga bertujuan menentukan hubungan gaya kepemimpinan dengan kepuasan kerja guru. Seramai 199 orang guru sekolah menengah harian di Seremban terlibat di dalam kajian ini. Dapatan kajian menunjukkan bahawa kepuasan kerja guru masih berada pada tahap tinggi walau pun wujud cabaran baru dalam dunia pendidikan semasa pandemic COVID 19. Terdapat empat gaya kepemimpinan pengetua yang dikaji, iaitu berorientasikan kejayaan, menyertai, menyokong dan mengarah. Dapatan kajian mendapati pengetua sekolah yang dikaji cenderung mengamalkan gaya kepemimpinan yang berorientasi kejayaan, menyertai dan menyokong. Pengetua didapati agak sederhana dalam gaya kepemimpinan mengarah. Namun begitu, analisis korelasi Pearson yang dibuat menunjukkan wujud hubungan yang signifikan antara gaya kepemimpinan kejayaan, mengarah dan menyokong dengan kepuasan kerja. Sebaliknya, tidak wujud hubungan yang signifikan antara gaya kepemimpinan menyertai dengan kepuasan kerja guru sekolah menengah. Dapatan kajian yang dijalankan semasa peringkat awal pandemic COVID 19 ini memberi implikasi yang penting dalam konteks hubungan kemanusiaan dalam institusi pendidikan di Malaysia.

Kesahan Kandungan Modul Pendedahan Kerjaya (MPK) untuk Murid Sekolah Rendah

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Zaida Nor Zainuddin & Wan Norhayati Wan Othman**
Universiti Putra Malaysia

Abstract- Modul pendedahan kerjaya (MPK) merupakan salah satu alternatif pemudahcara bagi guru bimbingan dan kaunseling dalam menyampaikan bimbingan pendidikan kerjaya kepada murid sekolah rendah. Modul ini dibina sendiri oleh pengkaji menggunakan

pendekatan penyelidikan pembangunan dan reka bentuk (DDR) yang memfokuskan kepada tiga aspek iaitu konsep sendiri, pengetahuan kerjaya dan identifikasi kerjaya. Namun begitu, satu penilaian sistematik perlu bagi memastikan kandungan modul yang dibina adalah tepat dan berkualiti. Oleh itu, kajian ini dijalankan untuk mengenalpasti kesahan kandungan Modul Pendedahan Kerjaya yang dibina. Kajian ini berbentuk kuantitatif yang menggunakan kaedah tinjauan untuk mendapatkan pandangan pakar melalui soal selidik berkaitan kandungan dan aktiviti modul MPK. Sampel kajian terdiri daripada lima orang pakar yang memenuhi kriteria pemilihan pakar (i) kepakaran dan pengetahuan berkaitan kaunseling kerjaya; (ii) kepakaran dan pengetahuan dalam bidang pembinaan modul, dan (iii) pengamal dalam bidang kaunseling. Dapatan kajian menunjukkan bahawa modul MPK mempunyai kesahan yang tinggi dengan nilai pekali kesahan kandungan .94. Selain itu, cadangan penambahbaikan kandungan modul daripada pakar juga akan diberi perhatian oleh pengkaji bagi memastikan modul yang dibangunkan dapat menepati objektif dan mampu dilaksanakan dengan baik. Modul yang dibangunkan ini diharapkan dapat dijadikan bahan panduan yang baik dan berkesan terutamanya dalam meningkatkan kesedaran kerjaya, motivasi diri dan membentuk konsep sendiri murid.

Keywords: Kesahan kandungan, pakar, modul, pendedahan kerjaya, sekolah rendah

Stress, Anxiety, Depression and Teachers' Work Motivation during Movement Control Order (MCO)

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Abstract- The Movement Control Order (MCO) has been implemented in the country to curb the spread of the Covid-19 pandemic. The country's social sector including education, has been affected by the MCO. This situation has affected various parties including school teachers. A survey study was conducted to examine the level and relationship between stress, anxiety and depression with the work motivation of school teachers during the implementation of MCO. This study involved 595 school teachers nationwide who were selected through convenient sampling. Questionnaires in google form were distributed and answered online. The survey questionnaire contained 43 items consists of demographics and stress, anxiety, depression, work motivation constructs. Descriptive analysis was used to determine the level of constructs while inferential analysis was used to determine the relationship for each variable. The findings of the study found that the stress, anxiety, depression and work motivation of school teachers during implementation on MCO were at a moderate level. Meanwhile, the relationship between stress, anxiety and depression with the work motivation of school teacher during MCO is weak and shows a negative relationship. These findings suggest that there are other psychological factors that contribute to teachers' work motivation.

Pembangunan Dan Analisis Demografi Skala Kesiediaan Guru Terhadap Pengajaran Dan Pembelajaran Di Rumah (Pdpr) Dan Analisis Demografi

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Khairul Azhar Jamaludin * & Abdul Aziz Ismail**
Universiti Kebangsaan Malaysia & Gombak District Education Office

Abstract- Tujuan - Pandemik COVID-19 telah memaksa perubahan drastik dalam pelaksanaan pengajaran dan pembelajaran iaitu dari bersemuka di sekolah kepada

pengajaran dan pembelajaran di rumah (PdPR). Namun, tahap kesediaan guru dalam melaksanakan PdPR ini masih kurang diketahui. Justeru, terdapat keperluan yang mendesak untuk membangunkan satu instrumen bagi mengukur tahap kesediaan guru dalam melaksanakan PdPR. Maklumat ini adalah penting kepada penggubal dasar dan pemimpin sekolah dalam merancang intervensi strategik dan sokongan untuk melaksanakan PdPR berkesan. Kajian ini bertujuan untuk: (i) membangunkan Instrumen Soal Selidik Kesediaan Guru terhadap PdPR; dan (ii) melaporkan tahap kesediaan guru melaksanakan PdPR.

Metodologi - Kajian ini menggunakan pendekatan kuantitatif melalui kaedah tinjauan yang melibatkan seramai 931 guru sekolah menengah di Daerah Gombak, Selangor. Bagi menentukan kesahihan dan kebolehpercayaan instrumen ini, analisis faktor penerokaan dan analisis kebolehpercayaan telah digunakan. Dapatan analisis menunjukkan sebanyak 26 item membentuk empat dimensi iaitu: (i) kecekapan dalam teknologi; (ii) sikap terhadap pengajaran; (iii) persepsi kawalan tingkah laku; dan (iv) norma subjektif.

Dapatan - Dapatan analisis kebolehpercayaan menunjukkan instrumen ini mempunyai kebolehpercayaan yang tinggi dengan nilai pekali Cronbach Alpha untuk keseluruhan item adalah 0.94. Selain itu, dapatan kajian menunjukkan tahap kesediaan guru sekolah menengah di Daerah Gombak adalah tinggi dalam ke empat-empat dimensi pelaksanaan PdPR yang dikaji. Dapatan analisis juga menunjukkan sebanyak 26 item membentuk empat dimensi iaitu: (i) kecekapan dalam teknologi; (ii) sikap terhadap pengajaran; (iii) persepsi kawalan tingkah laku; dan (iv) norma subjektif.

Kepentingan - Ringkasnya, dapatan kajian dari sampel awal ini menunjukkan instrumen Skala Kesediaan PdPR adalah instrumen yang sesuai untuk mengukur kesediaan guru dalam konteks pelaksanaan PdPR. Namun, kajian lanjutan perlu dilakukan dengan melibatkan kelompok guru yang pelbagai bagi menentukan tahap kesediaan guru bagi melaksanakan PdPR di seluruh negara.

KeyWords: Kesahan kandungan, pakar, modul, pendedahan kerjaya, sekolah rendah

Impact of Covid-19 Pandemic On Sports Science Students' Learning Activity

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Abstract- Introduction: Higher education was significantly affected by COVID-19 pandemic faced major changes that impacted the students in higher education sector. These impacts include social distancing, quarantines, isolation measures, campus closure, border closures, and travel restrictions. Teaching sports science will typically be conducted via lectures, seminars, laboratory, practical sessions, independent research and study. Assessment is based on coursework (written, oral or practical exams), laboratory reports and dissertation.

Purpose: This paper evaluates the experience of the sports science students of higher learning institutions in Malaysia with the implementation of online learning during this pandemic. **Materials and Methods:** This quantitative study involved 100 students at Universiti Malaysia Sabah (50 males, 50 females), (mean age \pm SD, 21.8 \pm 5.7 years). All respondents completed an online questionnaire. **Result and Conclusion:** From the results, the students showed a high satisfaction with the fact that they can interrupt the lecturers during the teaching. Besides, limited internet access affected the implementation of online teaching

harder for the students in rural areas. The result also showed the students' high satisfaction with the group activity conducted throughout the pandemic. Most of the students were medium satisfied with the implementation of virtual learning mode during this pandemic. students preferred to take the courses in traditional delivery mode rather than online. For the lecturer section, the students showed high agreement with the accessibility and availability of the lecturer. This research also named a few recommendations for increasing e-learning use.

Keywords: COVID-19, online learning, sports science, higher education

Conceptual Knowledge in Geometry for Primary School Students: A Systematic Review

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Abstract- Scholar's discussion about teaching geometry in primary school has been recorded in several times. The objectives of this paper are to see if conceptual knowledge geometry may support students obtain better results in primary school. This study was conducted to gain insight into how conceptual knowledge in geometry has been portrayed for primary school students, as well as the omissions and gaps in the synthesized literature on the subject. To gather information, two databases were used: Scopus and Web of Science. Between 2000 and 2020, primary searches pulled up many studies on the subject of investigation. After analyzing abstracts and eliminating duplicates, some of papers were found to meet the research requirements and were kept for further investigation. Given the fact that the presentation of conceptual knowledge in geometry for primary school is various, more empirical research have indicated that conceptual knowledge studies that have established a good view among primary school students.

Practices of Creative Teaching and Alternative Assessment in Higher Education: Educators' Perspectives

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Abstract- Creative teaching and alternative assessment are considered as vital elements in instructions today; as the current world is emphasising on the acquisition of 21 st century learning skills such as creative and critical thinking, good collaboration and communication, problem-solving skills, and able to make decisions. Hence, the ultimate purpose of this study is to explore the perspectives of the educators i.e. lecturers on the practices of creative teaching and alternative assessment in higher education; also, to determine their creative teaching strategies and modes of alternative assessment. In order to answer the research questions of the study, an in-depth, semi-structured one-on-one interview through Zoom application was conducted; where three respondents were purposely selected to participate in this study. One of the aims of this approach (one-on-one interview) of collecting data was to obtain rich information; and the data findings had achieved this aim. "Different teaching and exploring", "novelty", "objectively measured", and "comprehensive" are among the themes that were successfully extracted from thematic analysis to answer the first and second research questions. Whereby, "fostering creative students", "learning freedom", "students' artworks",

and “third party assessment” are four of the among themes emerged to answer third and fourth research questions of this study. The implications of the study are relevant and applicable to all stakeholders namely educators i.e. lecturers, university, and Ministry of Higher Education (MoHE).

Keywords: Creative teaching, modes of alternative assessment, 21 st century skills, higher education (HE), lecturers’ perspectives

Strategi Menghadapi Tekanan dalam Kalangan Guru Sekolah Rendah Di Zon Ampang

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Abstract- Pengenalan: Tekanan dalam pembelajaran dan pengajaran merupakan salah satu masalah yang dialami dalam dunia pendidikan di era kemajuan digital yang pantas dan drastik. Antara golongan yang terdedah dengan tekanan adalah kumpulan Guru. Hasil dari gejala ini memberikan kesan seperti perasaan tertekan, kegagalan, kegelisahan, dan marah sewaktu bekerja. Penyelidikan ini tertumpu kepada strategi-strategi yang diambil oleh guru dalam menghadapi tekanan yang dihadapi mereka. Ini kerana guru sering tertekan dengan mempersiapkan diri untuk mengejar aplikasi teknologi baru dalam pendidikan dan di waktu yang sama menangani tingkah laku pelajar dari generasi yang berbeza. **Tujuan:** Objektif kajian ini bertujuan mengkaji tahap tekanan yang dihadapi oleh guru-guru sekolah rendah serta mengenal pasti strategi-strategi yang diambil oleh mereka untuk menghadapinya. **Bahan dan Kaedah:** Kajian ini adalah berbentuk kajian tinjauan soal selidik atas talian menggunakan platform *google forms* sebagai instrumen dan pensampelan rawak telah digunakan melibatkan pemilihan seramai 291 orang guru dari Zon Ampang. **Penemuan dan Rumusan:** Hasil kajian ini akan menghasilkan penilaian terhadap pemikiran guru-guru yang bersetuju bahawa tekanan yang dihadapi merupakan satu cabaran kepada mereka dan menganggap tekanan yang diterima juga sebagai satu keadaan untuk mereka belajar sesuatu yang baru. Penemuan tindakan guru-guru dalam menangani tekanan akan memberikan manfaat dan rujukan kepada dunia pendidikan dalam mengelakkan masalah tekanan. Impak daripada perubahan pengajaran berdasarkan teknologi yang berada di paras sederhana menunjukkan bahawa guru-guru menggunakan kaedah yang sesuai dalam menangani tekanan bekerja.

Keywords: Guru-guru, Tekanan, Era Digital, Strategi menangani tekanan

Measuring The Usability of Ms Team as E-Learning Medium In Covid-19 Pandemic Using Use Questionnaire

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Abstract- E-learning currently is a must in every learning institution as the main platform for teaching and learning activities. Teachers, lecturers and student need to become skilled at multiple e-learning platform such as Zoom, Google Meet and Microsoft Teams in order to make sure their teaching and learning session is running smoothly and student can achieve

the learning outcome that intended for the course. This research is focusing on the usage of Microsoft Teams as teaching and learning platform in Politeknik Kota Kinabalu. The USE questionnaire is used in this research to measure the usability of Microsoft Teams application among semester 2 student in Jabatan Kejuruteraan Awam, Politeknik Kota Kinabalu. The result show that, the students agree that MS Team is easy to use and easy to learn how to use in in e-learning session. The level of satisfaction also high and the students agree that MS Team is useful in helping student in their e-learning session. There a few disadvantages highlighted by the student such as the apps need a highspeed internet to run and there are difficulties to share a power point slide if you are using a smartphone instead of a laptop or PC.

Keywords: E-learning, COVID-19, education

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