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“Optimizing Innovation in Knowledge, Education and Design”

EXTENDED ABSTRACT



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|----|--|---------|
| 7. | Sad Nature Bag
<i>Nurul Hazirah Amani binti Hafizal, Khursiah Nur binti Mohamad Amin & Nurulhuda Insyirah binti Khairol Maizi</i> | 702-705 |
| 8. | Mehlcate Gift
<i>Noor Ruzzuwana binti Rahlan, Darshanaa A/P Gunasingam, Dania Balqis binti Rezaman, Aniq Hakimi bin Rozishahlan & Nur Zahirah Aqilah binti Johori</i> | 706-709 |

CATEGORY: CSP YOUNG INVENTOR

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|----|---|---------|
| 1. | Gyroscopic Contactless Head Mouse
<i>Nannabhad Thammultri, Bhandhisa Pongsak, Pakin Teerachotmongkol & Athicha Siriboonlamom</i> | 710-713 |
| 2. | "Imagine Spacing Ruler, Your Writing Buddy"
<i>Saadiah Juliana Saadun, Putri Qisha Nur Iman, Damia Humaira Syuhaimi, Nurul Aina Amilia Mokhtar, Khayra Zarith Khuzairi, Siti Maslinda Syed Musa & Farah Ilyana Azlan</i> | 714-718 |
| 3. | SOAP4LYFE: Soap Used Cooking Oil with Sandal Wood and Black Seed
<i>Irdina Iwani Abd Jalil, Fatin Nur Amira A.Rosman & Fatin Nursabrina Lokman</i> | 719-723 |

CATEGORY: CST YOUNG INVENTOR

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|----|--|---------|
| 1. | Smart Exposure to Artificial Intelligence (AI) Among the Primary School Students
<i>Muhammad Adam bin Helmi, Mohammad Qayyim bin Mohammad Rizal, Muhammad Anas bin Helmi & Adlin Elieza binti Nik Awang</i> | 724-726 |
| 2. | Go Beyond
<i>Raidahwati binti Jalalin, Madni bin Siadi, Maimunah binti Tajuddin, Mohd Hafiz bin Abdul Karim & Myzan Luqman bin Mohd Yazid</i> | 727-729 |
| 3. | Sustainable Sap Hydrogels Enhance Controlled Urea Release in Agriculture
<i>Maizatul Husna Nasuha Mazlan, Alyasofea Nazrul Hisham, Hatika Kaco & Mohd Shaiful Saja</i> | 730-736 |
| 4. | Coco M Board (Coconut Multipurpose Board)
<i>Norzalina binti Jenal, Badreanaliss binti Ignicious Nizam, Farishah Najwa binti Roslan, Nurin Qistina Basyirah binti Rusli, Nur Hidayatul Munirah binti Mohd Zaiton, Nadhirah binti Abdul Halim & Fateha Syahera binti Khairul Anuar</i> | 737-740 |

Assalamualaikum warahmatullahi wabarakatuh,



First and foremost, I would like to express my gratitude to the organizing committee of i-Spike 2023 for their tremendous efforts in bringing this online competition a reality. I must extend my congratulations to the committee for successfully delivering on their promise to make i-Spike 2023 a meaningful event for academics worldwide.

The theme for this event, 'Optimizing Innovation in Knowledge, Education, and Design,' is both timely and highly relevant in today's world, especially at the tertiary level. Innovation plays a central role in our daily lives, offering new solutions for products, processes, and services. By adopting a strategic approach to 'Optimizing Innovation in Knowledge, Education, and Design,' we have the potential to enhance support for learners and educators, while also expanding opportunities for learner engagement, interactivity, and access to education.

I am awed by the magnitude and multitude of participants in this competition. I am also confident that all the innovations presented have provided valuable insights into the significance of innovative and advanced teaching materials in promoting sustainable development for the betterment of teaching and learning. Hopefully, this will mark the beginning of a long series of i-Spike events in the future.

It is also my hope that you find i-Spike 2023 to be an excellent platform for learning, sharing, and collaboration. Once again, I want to thank all the committee members of i-Spike 2023 for their hard work in making this event a reality. I would also like to extend my congratulations to all the winners, and I hope that each of you will successfully achieve your intended goals through your participation in this competition.

Professor Dr. Roshima Haji Said
RECTOR
UiTM KEDAH BRANCH



WELCOME MESSAGE (i-SPIKE 2023 CHAIR)



We are looking forward to welcoming you to the 3rd International Exhibition & Symposium on Productivity, Innovation, Knowledge, and Education 2023 (i-SPIKE 2023). Your presence here is a clear, crystal-clear testimony to the importance you place on the research and innovation arena. The theme of this year's Innovation is "*Optimizing Innovation in Knowledge, Education, & Design*". We believe that the presentations by the distinguished innovators will contribute immensely to a deeper understanding of the current issues in relation to the theme.

i-SPIKE 2023 offers a platform for nurturing the next generation of innovators and fostering cutting-edge innovations at the crossroads of collaboration, creativity, and enthusiasm. We enthusiastically welcome junior and young inventors from schools and universities, as well as local and foreign academicians and industry professionals, to showcase their innovative products and engage in knowledge sharing. All submissions have been rigorously evaluated by expert juries comprising professionals from both industry and academia.

On behalf of the conference organisers, I would like to extend our sincere thanks for your participation, and we hope you enjoy the event. A special note of appreciation goes out to all the committee members of i-SPIKE 2023; your dedication and hard work are greatly appreciated.

Dr. Junaida Ismail

Chair

3rd International Exhibition & Symposium Productivity, Innovation, Knowledge, and Education 2023 (i-SPIKE 2023)

GO BEYOND

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ABSTRACT

There is no sole mean to succeed. Hence, one need to be smart enough to come up with a plan. TP 6 is the highest of proficiency level in PBD (Pentaksiran Berasaskan Bilik Darjah). An excellent pupils won't settle lower than that. Go Beyond is an alternative mean of evaluation for PBD. The pupil develops it using online application with teachers' little guidance. It creates by the pupils as a platform to share, show, expand and improve his skills with outstanding values outside the classroom and school. It is indeed an interesting way of developing one skill in many fields related to his learning and later to be evaluated by his concerning teachers. Myzan Luqman bin Mohd Yazid, the owner of this idea is a pupil of year 5 in SK Termunong, Tuaran. Go Beyond been started in March 2023 and showed it impacts in pupil PBD's report in July. The pupil shared his Go Beyond link to his four teachers who teach him English, RBT, BM and PAI for them to evaluate him through his activities outside the classroom and school. Myzan Luqman bin Mohd Yazid had been presented his project via recorded video in GESS Istanbul and proudly join his teachers to share about his project to all headmasters and principals of Tuaran District in 'Program Pemantapan Kepimpinan Pengetua dan Guru Besar' organized by Tuaran District Education Office. The project been broadened to more pupils in order to help them in their PBD as well. The headmaster of SK Termunong agreed to expand the project to level two pupils. It is hope to improve the percentage of pupils who are able to reach TP 4 and above in their PBD.

Keywords: proficiency level, PBD, SK Termunong, alternative

GO BEYOND

Myzan Luqman bin Mohd Yazid, a year 5 pupil of SK Termunong has created a digital platform to share to his teachers to be evaluated in his PBD. Instead of one mean of evaluation, now his teachers have two means to evaluate him; by using conventional way in classroom and through

Go Beyond. Therefore, his teachers and him now have more space to evaluate and more chances to show applied skills and knowledge. There are eighteen links in his Go Beyond which he purposely creates to show and share his activities at home or outdoor. He chooses few subjects, such as Mathematic, Music, English, RBT and Science to be in his Go Beyond according to his interest. He also creates link to share his videos and photos of him do activities outside the school. He wants to show to his teachers how he applies knowledge and skills taught to him at school in his daily activities. In Hence, through it he can convince his teachers to give a higher TP in PBD to him.

Go Beyond has many special characteristics that helps pupils to excel in academic. Go Beyond can be a method to evaluate pupils' performance in PBD. Besides that, it is student centered and promote creativity and innovation. It suits the Standard Curricular Document needs. Furthermore, it is best to store evidence of pupils works as it is accessible anytime and anywhere. Moreover, it is portable and easy to access. It is fun and interesting as it suits the millennial generation who love digital learning.

IMPACTS OF GO BEYOND TO PUPIL

Go Beyond has bring tremendous impacts to the pupil himself. Most importantly, it helps the pupil to excel in academic. He managed to improve his TP in his PBD as shown in July PBD Report. He also able to optimize his knowledge, gain experience and enhance his skills along the process of updating his Go Beyond. His social relation and skill also improved as he get along with his friends and family more often when he preparing photos and videos for his Go Beyond. It helps him indirectly in making a better version of himself in academic and social. He takes it as his responsibility to update his Go Beyond from time to time and it makes him smarter in time management. He needs to be wise in managing his daily schedule; to ensure all the homework, project and task are done accordingly, and at the same time still have time to update his Go Beyond and play.

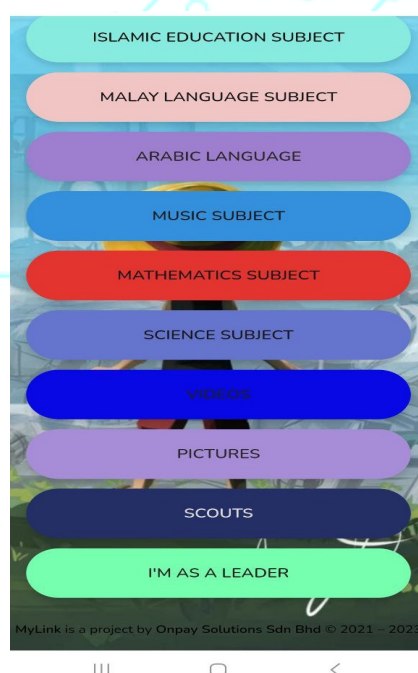
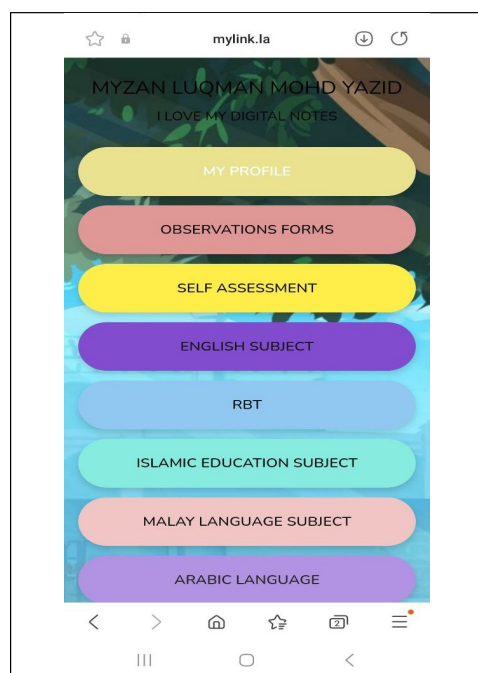


Figure 1. mylink Go Beyond

Go Beyond is accessible through this link <https://mylink.la/m-12399828>

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