

# INTERNATIONAL LEARNING IMPROVEMENT & TEACHING ENHANCEMENT CONFERENCE

24<sup>th</sup> & 25<sup>th</sup> April 2019

Program  
Book

# International Learning Improvement and Teaching Enhancement Conference (LITEC) 2019

24<sup>th</sup> – 25<sup>th</sup> April 2019

The Pearl Kuala Lumpur Hotel, Malaysia

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## COMITTEES

|                           |   |   |
|---------------------------|---|---|
| Chair Person              | : | Dr. Farrah Dina Yusop<br><i>Director of ADeC</i>  |
| Conference Chair          | : | Dr. Nur Azah Hamzaid<br><i>Head of Research and Training Unit, ADeC</i>   |
| Project Coordinator       | : | Ummu Saadah Zubir   |
| Scientific Committee      | : | Dr. Nur Azah Hamzaid<br>Dr. Zahiruddin Fitri Abu Hassan<br>Dr. Amira Sariyati Firdaus<br>Mohd Hairolnezam Kahmis<br>Dr. Mahmoud Danaee<br>Yap Min Chen<br>Nurul Salwani Mohd Saadon<br>Dr. Shahril Nizam Shaharom |
| Registration & Finance    | : | Norazura Hassim<br>Syarila Nurasma Ahmad  |
| Logistics & Technical     | : | Mohd Shahril Razali<br>Norazrulazam Pauzee<br>Zulhilmi Abdul Rahman<br>Mohd Hakim Shahbudin   |
| Graphic Design & Souvenir | : | Ferlynda Fazleen Jamaludin  |
| Emcee                     | : | Siti Khadijah Mohamad Hussain   |



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## W E L C O M I N G   R E M A R K S

### DIRECTOR

Academic Enhancement and Leadership Development Centre (ADeC)

### Dr. Farrah Dina Yusop



Assalamualaikum and greetings,

On behalf of ADeC, I would like to extend my gratitude to all guests and participants for joining our Learning Improvement and Teaching Enhancement Conference (LITEC) 2019. It is a great pleasure for me to welcome all of you to this conference – a conference dedicated to encourage academics to reflect and research on their very own core practices – teaching and learning. All of your contributions have helped to make the conference as outstanding as it has been.

This conference would not have happened without the enthusiasm of UM lecturers as well as lecturers from other universities throughout Malaysia. We are proud that LITEC 2019 serves as a platform for academics to share their innovative Teaching and Learning practices.

Participants will also have the opportunity to be inspired, and gain new knowledge and ideas from our invited distinguished keynotes speakers and panellists at the conference who are experts in their respective field. Besides that, we hope that participants can use this opportunity to socialize and share their insights on new and current work, opinions and experiences with other participants from various institutions.

On behalf of the ADeC team, we hope that LITEC 2019 becomes the catalyst for a striving and healthy teaching and learning culture in our beloved campus.

Thank you,

Farrah Dina Yusop



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W E L C O M E

## CONFERENCE CHAIR

International Learning Improvement and Teaching Enhancement Conference (LITEC) 2019

### Dr. Nur Azah Hamzaid



السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

Salam Sejahtera,

It is my great pleasure to welcome all of you to our third Learning Improvement and Teaching Enhancement Conference 2019. As an ADeC Family member, we join hands in serving you the most enlightening and eye-opening conference covering a great range of topics in Teaching & Learning, across different schools and higher learning institutions.

We have in total 37 stories and projects to be shared, out of 40 submissions. Most of the stories will also appear in our forthcoming book chapter titled "Learning Spaces: Stories of Success and Challenges" in line with the theme of today's conference: Learning Spaces. Our

inaugural Social Activist Inspiring Eduvation series are introduced in the conference to acknowledge personalities that have put in their honorable efforts to educate the underprivileged and their inspiring effort can be a lesson for us all – that education is indeed for everyone.

We have also brought in Mr. Pasi Mattila, our keynote speaker from Finland, to share how it is done in the country most known for its balanced and excellent education system. We also look forward to the forum led by our Head of UM STEM Centre, and the panelists championing early childhood education, schools, and higher learning institutions. Our very own eLearning guru of UM, Dr Zahiruddin Fitri, will also be sharing some insights into Collaborative Learning Spaces and Blended Learning, a current topic in this era.

It will be an exciting two days, and it is our great hope that we can all benefit and upgrade our outlook towards our role as educators in this teaching and learning field. We look forward to hearing about the journeys of our nation's beloved teachers, lecturers, and academics in general, and I am sure we can all learn from them and from each other.

And lastly, from ADeC family and the conference organizer, please do enjoy your stay.

Nur Azah Hamzaid

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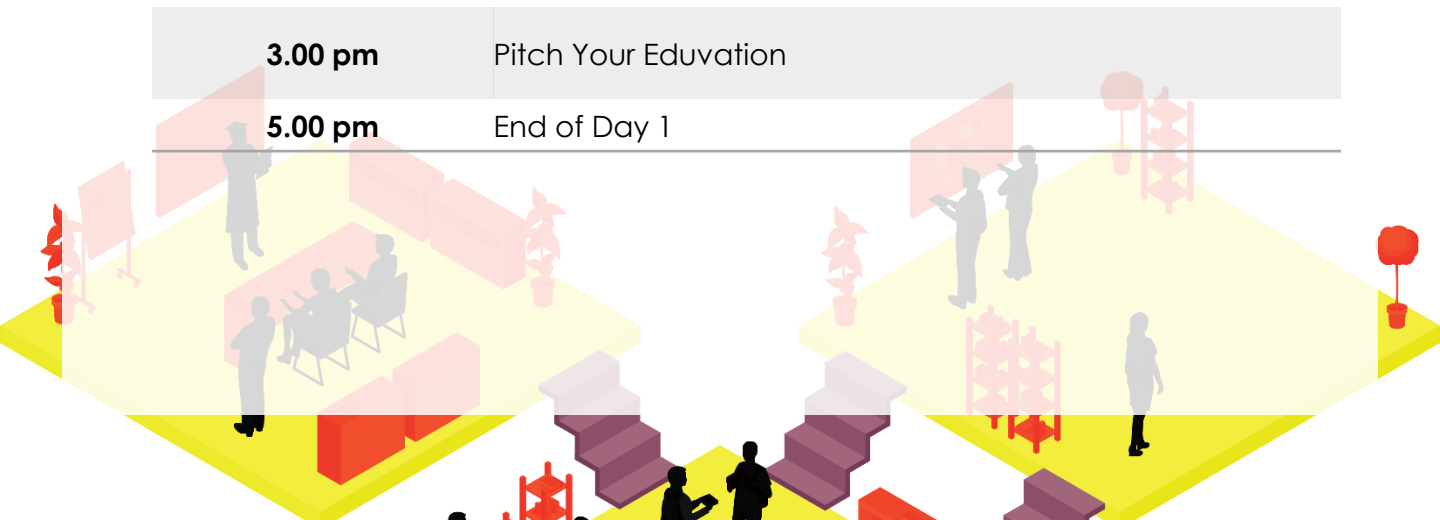
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## ITINERARY

### WEDNESDAY, 24<sup>th</sup> April 2019

| Time     | Programme  |
|----------|--|
| 8.30 am  | Registration   |
| 9.00 am  | Welcoming Remarks by ADeC  |
| 9.05 am  | Keynote Speech<br><b>Learning Space Design and Utilisation: Lessons from Finland</b><br>by Mr. Pasi Mattila (Finpeda Ltd)  |
| 10.05 am | Morning Tea Break  |
| 10.30 am | Pitch Your Eduvation   |
| 12.30 pm | Opening ceremony<br>with Prof. Dr. Kamila Ghazali<br>Deputy Vice-Chancellor (Academic and International)   |
| 1.00 pm  | Lunch  |
| 2.00 pm  | <b>Plenary Forum: Innovating Education for the Nation</b><br>with <ul style="list-style-type: none"> <li>• Ir. Dr. Mas Sahidayana Mohktar</li> <li>• Madam Zaliza Alias</li> <li>• Sir Sirhajwan Idek</li> <li>• Assoc. Prof. Dr. Mohammad Tazli Azizan</li> </ul> |
| 3.00 pm  | Pitch Your Eduvation   |
| 5.00 pm  | End of Day 1   |



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## ITINERARY

### THURSDAY, 25<sup>th</sup> April 2019

| Time     | Programme  |
|----------|--|
| 8.30 am  | Registration   |
| 9.00 am  | <p><b>Plenary Session: Optimising Collaborative Learning Spaces for Immersive Blended Learning Experience in Higher Learning</b></p> <p>with</p> <ul style="list-style-type: none"> <li>• Dr. Zahiruddin Fitri Abu Hasan (ADeC, University of Malaya)</li> <li>• Ar. Sharifah Noor Nazim Syed Yahya (Department of Development and Estates Maintenance, University of Malaya)</li> </ul> |
| 9.30 am  | Pitch Your Eduvation   |
| 10.30 am | Morning Tea Break  |
| 11.00 am | Pitch Your Eduvation   |
| 1.00 pm  | Lunch  |
| 2.00 pm  | <p><b>Plenary Session: Social Activists Inspiring Eduvations</b></p> <p>with</p> <ul style="list-style-type: none"> <li>• Madam K.A. Razhiyah</li> <li>• Madam Sharifah Sharina Syed Aswad</li> <li>• Assoc. Prof. Dr. Nahrizul Adib Kadri</li> </ul>  |
| 4.00 pm  | Closing and Award Ceremony with Prof. Dr. Noorsaadah Abd Rahman Deputy Vice-Chancellor (Research and Innovation)   |
| 5.00 pm  | End of Day 2   |

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## CONFERENCE INFORMATION

### Conference Bag

Each registered participant receives a conference bag at the time of registration.

### Certificate of Attendance

Certificate of attendance will be awarded to participants upon submitting the online feedback form. Please ensure your name is correctly written at the registration table.

### Catering

Morning tea, lunch and afternoon tea will be available, and are included in the registration fee. Please refer to the program itinerary for catering times. Participant will received a lunch coupon upon registering.

### Disclaimer

The conference committee reserves the right to make changes to the conference program at any time without notice. Please note that all the information in this program book is correct at the time of printing.

### Parallel Session

Please note that there will be parallel presentation sessions at the Phoenix Ballroom and Swan Seminar Room during the designated times. For more information, kindly refer to the presentation schedule in the program book.





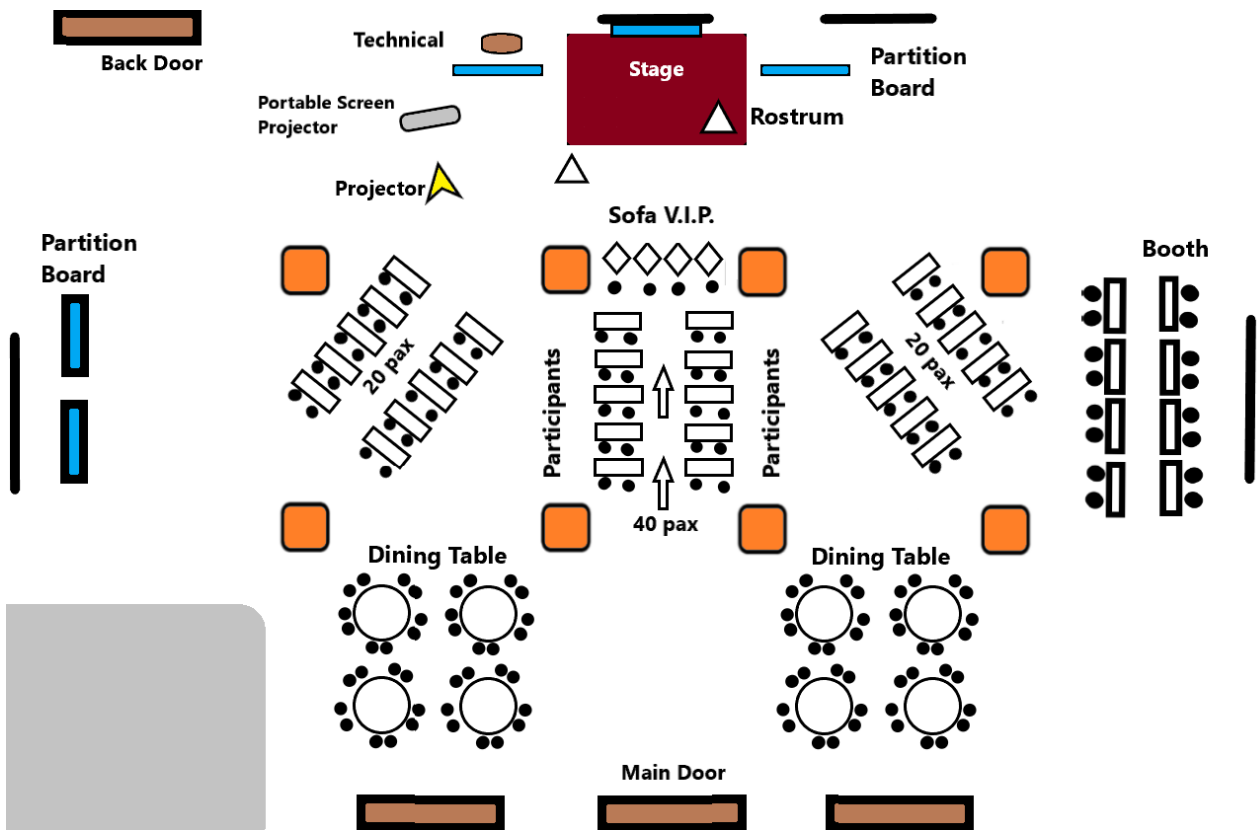
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## V E N U E L A Y O U T

### Layout of Phoenix Ballroom



#### Note :

- Swan Room (for Pitch Your Eduvation's parallel session) is located at Level 7
- Prayer rooms are located at Level 8

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KEYNOTE SPEAKER

## Mr. Pasi Mattila

*CEO, Finpeda Ltd., Finland*



Mr. Pasi Mattila, CEO, Finpeda Ltd. is a leading, internationally acknowledged professional in developing learning environments. He has been responsible for several innovative learning environment development projects in the public, research and private sectors. The projects have involved developing operational culture and pedagogy, physical learning environments, learning technology and digital learning environments, with a particular emphasis on Technology Enhanced Learning Environments, 3D virtual worlds, and gamification. A strong orientation towards the future and building the School of the Future have always been part of the projects. He is a member of important pedagogical working groups (currently 13 active) and a regular

speaker in the key pedagogical forums internationally for implementing the Future School of Finland concept. He is the author and co-author of 42 international and 56 Finnish presentations and conference papers.

At Finpeda ([www.finpeda.fi](http://www.finpeda.fi)), he leads the internationalization activities and the product development for innovative learning environments. Previously he worked at the Center for Internet Excellence (CIE) of the University of Oulu, which develops Technology Enhanced Learning Environments (TEL) and future 3D internet technologies in pilot environments and Living labs. At CIE, he was responsible for the development of education spaces and learning solutions. Before entering the business and research sectors, he worked in the Innovation and Marketing group of the education department of the City of Oulu. Mr. Mattila received his Master's degree in Education from the University of Oulu, Finland. After having served in the Immersive Education (iED) global research network he currently serves as an academic leader in the Immersive Learning Research Network (iLRN).



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## KEYNOTE SYNOPSIS

TITLE

### “ Learning Space Design and Utilisation: Lessons from Finland ”

In his conference and workshop presentations, Mr. Pasi Mattila (CEO, Finpeda Oy.) will discuss the design of the School of the Future and development of future learning environments including new pedagogical methods and phenomenon-based learning approach (new curriculum 2016 in Finland). Innovations in education enable the overall improvement of traditional school. The article introduces the concept “Cycle of Change” describing the key elements necessary for renewal school working culture. Key elements are changes in pedagogy, architecture and technology. Special attention will be paid to the importance of participatory planning of future school. Through this short introduction, Mr. Mattila wants to share his vision and initiate change of working culture at schools, new pedagogical approach, school building, design process and ICT.

Full introduction to the topic is available at LITEC 2019 Conference Proceedings.



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## PLENARY FORUM

### TITLE

# “ Innovating Education for the Nation ”

Education has been experiencing changes due to the effects from external environment relating to the future of work, constant changes in education policies, and even the change in the family values. These rapid changes, though often well intended, has led to not deliberate effects towards the value of education. With the arrival of the 4th Industrial Revolution, innovating Malaysia's education sector is a must. This is to prepare our nation to be well-suited with a world where technology is at the forefront.

This forum brings you three experienced people who have innovate the education. Teacher Zaliza Alias, the Founder of Idrissi International School, Mr. Sirhajwan Idek, the 2017 Finalist of the Global Teaching Prize and Assoc. Prof. Dr. Mohammad Tazli Azizan, the recipient of the Global LearnTech Award, World Education Congress 2018. Teacher Zaliza Alias will share her experience on redesigning early childhood education in Malaysia. She will tell her success story on the establishment of GENIUS AULAD and the formation of IDRISSE International School. These stories will enlighten us on how Early Childhood education should be seen as a very wide, broad and balanced field to be explored by educators out there and how redesigning it can take place.

Mr. Sirhajwan Idek will discuss the significance of vocational education in developing students with great skillset that can adapt to the continuously evolving job market and industries. With the mission of our nation to produce manpower with hard skills and soft skills that can thrive in the Industry 4.0, it is essential to provide students with solid purposes, clear paths and engaging platforms that can help them grow professionally and personally while gaining new skills and experiences. He will share on how to prepare ourselves for changes that we cannot precisely predict, and by what means we can embrace the optimism of our capabilities in changing ourselves.

Assoc. Prof. Dr. Mohammad Tazli Azizan who is the CEO of KPerak INC Corporation will be sharing his experience in promoting lecturers to become more creative and innovative in teaching university students. As well as on how upgrading infrastructure and teaching aids can led towards innovation in teaching and learning at universities. He will deliberate the way of conducting research in teaching technology and how it can transform our nation education system. At the end of the session, the critical issues and major challenges facing Malaysian education and the way forward will be documented and later submitted to the parties concerned.



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**Moderator**

### **Ir. Dr. Mas Sahidayana Mokhtar**

Ir. Dr. Mas Sahidayana Mokhtar graduated from the University of Malaya, Malaysia with a Bachelor in Biomedical Engineering (BEng) in 2004, followed by a Master in Biomedical Engineering (MEng(BMed)) in 2007. She received her Ph.D. in 2012 from the University of New South Wales, Australia in the area of Telehealth. Dr. Mokhtar is very much involved with various Science Technology Engineering and Mathematics (STEM) projects and program. She served as the Head of UM STEM Centre. She has been appointed as the Secretary of the IMT-GT Uninet STEM chapter at the international level, and the coordinator for the My STEM Ambassador Program and STEM Mentor-Mentee MESTECC at the National Level.



**Panelist**

### **Madam Zaliza Alias**

Madam Zaliza Alias is founder and Executive Director of the GAINS Education Group, pioneering and leading one of the most well-thought ecosystem for early childhood education in Malaysia. Zaliza left her profession as lecturer to open her first Genius Aulad preschool in 2000, the first step to her becoming a pioneer concept provider for aspiring entrepreneurs within Permodalan Usahawan Nasional Berhad (PUNB), and for the Ministry of Domestic Trade, Co-operatives and Consumerism (KPDNKK). To date, there are now over 70 high performance preschool centres under the Genius Aulad brand. Zaliza and her GAINS Education Group also subsequently established Idrissi

International School, the first Islamic school registered with the WWF Eco-School, and Sekolah Tinta, a national curriculum STEM Islamic school. Zaliza's resourcefulness also led her to establish the Eduventor Teachers Academy, to provide vibrant quality training for teachers. Zaliza is an award-winning educationist and is frequently invited to speak at various educational, social entrepreneurship, and environmental events. She is also an education consultant for various educational programmes at TV3, TV Al Hijrah and Astro, including the recent highest rating educational animation in Malaysia, Omar & Hana.



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*Panelist*

### **Sir Sirhajwan Idek**

Sirhajwan Idek is an English language teacher at Keningau Vocational College, Sabah. He graduated from IPG Gaya and UiTM Shah Alam with bachelor's degree in TESL and master's degree in research and currently a PhD student in the same university. He has won several global education awards including SEAMEO Australia Education Links Awards (ASEAN, 2018), Community Award for Citizenship (Dubai, 2018), Innovation & Entrepreneurship Excellence in Teaching Award (Paris, 2017), Express Publishing IATEFL (Brighton, UK, 2018) and Macmillan Teachers at My Heart (Norwich, UK, 2016). He has been the leader of his school teams comprising teachers and students who have won a total of 11 medals including 6 gold in international innovation contests

in South Korea, Thailand and Indonesia, was recognized with 3 excellent paper awards in Brunei and Thailand. They clinched 1st runner-up in the Innovation in Research Methodology Teaching Excellence Awards 2018 at European Conference on Research Methodology in Italy. He was also a finalist for Global Teacher Prize (Dubai, 2017) and Outstanding Contribution in Education (Dubai, 2018 & 2019). He was the recipient of National Teacher of the Year 2017. His research and project interests are innovation & entrepreneurship, TVET, debate and public speaking, research and pedagogical approaches in ESL as well as professional development for teachers. As the head of research and innovation, he has spearheaded initiatives to encourage teachers and students to venture into innovation, entrepreneurship and research. He has launched a community programme that serves as a platform for the students to connect with the community. Sirhajwan Idek has been featured as a keynote speaker at several conferences and he also speaks at TEDx talks.) Lifelong Learning Hub-ICT Culture.



*Panelist*

### **Associate Prof. Dr. Mohammad Tazli Azizan**

Mohammad Tazli Azizan graduated his PhD in Chemical Engineering from Imperial College in 2014 with Commonwealth Scholarships and he was the former Director for Center for Excellence in Teaching and Learning (CETaL) at UTP, starting from its inception in 2014 until recently in 2019. He is very passionate in educational reform and currently serving as one of the taskforce member for Jawatankuasa Kajian Dasar Pendidikan Negara (JKDPN) that will conclude by the end of

April. Additionally, he is the Vice President for Society of Engineering Education Malaysia (SEEM) from 2018-2020. He has been awarded the Effective Education Delivery Award during the UTP Quality Day 2009 and 2015 and also won the National Outstanding Educator Award under Engineering Education Category from Koperasi Pendidikan Swasta Berhad in 2016. He had also been conferred the Award of Excellence in E-Learning in World Education Congress in Mumbai, India in July 2018. He has been invited to several conferences and symposiums on education as the plenary speaker throughout Malaysia, India and Philippines, and also actively trained the educators from various institutions. As a father of four young kids, he also actively participated in the PIBG and was appointed as YDP PIBG of Sekolah Kebangsaan Seri Iskandar (SKSI) from 2017-2018 and had been able to double the funding received by the school via a lot of fundraising activities. As the former Director, he has been seen as the strategist and implementer in delivering his task and an avid believer in technology enhancement in Industrial Revolution 4.0. Therefore, recently he has been seconded to Perak state GLC, known as Digital Perak or previously known as KPerak as the Chief Executive Officer (CEO) for the next 3 years.

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## PLENARY SESSION

TITLE

### “ Optimising Collaborative Learning Spaces for Immersive Blended Learning Experience in Higher Learning ”

The design of the classroom plays an important role in informing and influencing the learning activities that could be performed in them. Conventional classes where all learners face the educator at all times limits the way in which they could interact with their peers. Specially designed classroom that have the design intent to encourage and facilitate interaction and collaboration between learners have been shown to support learners in constructing knowledge. Equally important, is the educator's ability to optimise the use of the specially designed collaborative learning classes i.e the learning spaces. They will need to be trained to use them otherwise the well designed spaces would just be another lecturing space.

Blended learning, defined as the integration between face to face learning facilitation with online and e-learning, may provide opportunity to increase learning engagement of the learners, and enable concepts such as flipped classroom to be conducted successfully. The role of the educator will be made critical in the successful implementation of the blended learning initiative as they will become a facilitator to design learning that is contextual and appropriate towards the needs of the learners.

When these two concepts of collaborative learning space and blended learning merge, the learning experience of the learners will be made richer with the affordance of the space that supports collaboration designed by the educator to happen within the learning space. The creation and construction of knowledge through collaborative activities may be conducted in the physical spaces and the virtual space as an immersive experience for the learners. Learners can use the virtual space to create and curate their learning artefacts aided by meaningful interactions with their peers made possible by the collaborative layout of the learning space.



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The soft skills outcomes of the learners can be designed to take advantage of the collaborative learning process. The emphasis on social skill can be brought online as the digital soft skills that we could see lacking in the new generation of learners. This two-pronged approach is the new innovation in pedagogy that is still not gaining traction, as the connection between the two is still vague, and not being thoroughly researched. Finally, we will present a research work on how educators in the university are using the collaborative learning spaces that they have designed and reveal the opportunity still present to optimise the use of the blended learning approach to realise the full potential of the collaborative learning spaces.

### SPEAKERS



#### Dr. Zahiruddin Fitri Abu Hassan

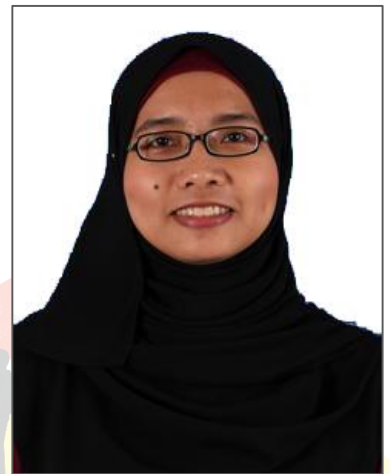
*Head  
E-Learning Unit, ADeC*

Dr. Zahiruddin Fitri Abu Hassan is a lecturer in Building Surveying at the University of Malaya, Kuala Lumpur. His expertise and research is in building pathology, concrete durability and construction technology. An avid e-Learning advocate, he loves tinkering with computers and exploring new software and web 2.0 tools for education. His passion led the university to appoint him as the Head of e-Learning at the Academic Enhancement & Leadership Development Centre (ADeC). He rows occasionally, plays volleyball and has taken in to cycling

#### Ar. Sharifah Noor Nazim Syed Yahya

*Head  
Planning and Architecture Division  
Department of Development and Estates  
Maintenance, University of Malaya*

Ar. Sharifah Noor Nazim Syed Yahya is currently a postgraduate student in psychological safety at the University of Malaya, Malaysia and holds a Master of Science (Architecture) Degree from the same university. She has fifteen years' experience in facilities and building management and is a full-time practicing architect in the University of Malaya, Malaysia.





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PLENARY SESSION

## TITLE “ Social Activists Inspiring Eduvation ”

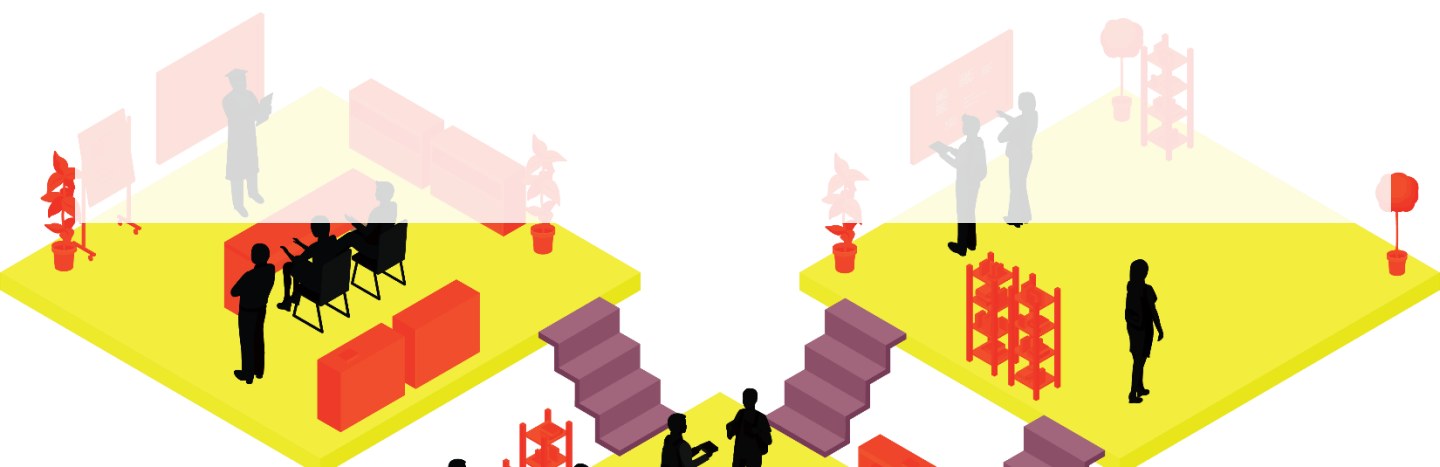
Speaker 1

### Madam K.A Razhiyah

K.A.Razhiyah began her teaching career in 1985 with typical students, later ventured into special education in 1989 for more challenge, excitement and fulfillment. At present, she is a Special Education Specialist Teacher in Panji Secondary School, Kota Bharu, Kelantan, Malaysia. She wrote varieties of books including 4 books on Special Education which have been used as reference for universities, colleges, teachers and parent. She also wrote nineteen television scripts, mostly about special needs children, which have been aired on national television. Delivered nearly 80 lectures throughout Malaysia and presented papers at the 1st International Conference on Special Education in Bangkok and The Digital

Education Show Asia in Kuala Lumpur. She had given 18 hours training to Special Education Teachers of South East Asia on Regular Course Human Sexuality Education for Children with Special Needs, besides sharing knowledge at Manzil Centre for People with Disabilities, in Sharjah, UAE, chosen as a speaker at EduTECHAsia Suntec, Singapore, presenter at Hong Kong Academy in Hong Kong and a trainer at Hai Duong Center for Special Education, Hanoi, Vietnam.

She received 12 Malaysian Education Awards throughout her 34 years of service and also received 2 international recognition as Top 50 Finalist Global Teacher Prize 2018 out of 30 000 nominations by Varkey Foundation, London, UK and a winner of SENIA Advocacy Award 2019 – (Special Education Network in Asia) held in Hong Kong in Feb 2019.



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PLENARY SESSION

## TITLE “ Social Activists Inspiring Eduvation ”

### TERATAK SPA PROJECT

Projek Teratak Spa: People with disabilities faced numerous challenges with lack of skills or qualification which results in unemployment. Due to interest in physical wellness increases, SPA therapy became popular and emerged as important profit centres for beauty salon, resorts and hotels. Most people assumed typical people are expertise in beauty line and have overlooked the potential of people with disabilities in this field. To train them is something extraordinary, not an easy task but it is possible.

Special Education 'Teratak Spa' of Panji Secondary School, Kota Bharu, Kelantan, revealed that people with disabilities can enhance an individual's self-confidence and overcome barriers successfully. To explore the entrepreneurship world, they also create products and learn marketing through Pandan Oil for hair treatment, Citronella Oil as massage oil, Lip Gloss for dry lips and Cleansing Milk for face. With training, encouragement and commitment, people with disabilities do show equivalent qualities and talent.



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PLENARY SESSION

## TITLE “ Social Activists Inspiring Eduvation ”

Speaker 1

### Madam Sharifah Sharina Syed Aswad

Madam Sharifah is the Vice-President of the Projek Iqra' Charity Association of Malaysia. She got her early education in SM Convent Bukit Nenas and went to MRSM Terendak, Melaka for secondary school. She earned her Diploma in Computer Science from Universiti Teknologi Malaysia (UiTM) and her Bachelor of Degree in Information System from UNITAR.



## IQRA' PROJECT

Projek Iqra' is a registered NGO under ROS since 2013. Founded by 3 friends who studied together in UTM Kuala Lumpur in 1998. Projek Iqra' focusing on education and welfare issues. Main target are underprivileged children and teenagers who are left behind in school. Currently there are 2 major projects going on. Kelas Rakyat and Peluang Kedua. Kelas Rakyat is a free tuition classes tailored specifically for students who are left behind in school. They use special modules design by i-SINA. Currently there are 9 locations of Kelas Rakyat in KL, Selangor, Kedah and Negeri Sembilan.

Peluang Kedua is program for those above 15 years old who are not into academic and wanted to do skills program. It helps underprivileged students who can't afford to go to skills program by sponsoring entrance fee and monthly allowance. Their progress are also closely monitored. The team work closely with Sekolah Henry Gurney for this program as well as students of Kelas Rakyat. Currently there are 15 students benefiting from this program studying in various skills program such as electrical, automotive etc.



Images from projekiqra.com



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PLENARY SESSION

## TITLE “ Social Activists Inspiring Eduvation ”

Speaker 3

### **Dr. Nahrizul Adib Kadri**

Dr. Nahrizul Adib Kadri is an Associate Professor at the Department of Biomedical Engineering, Faculty of Engineering, University of Malaya (UM). He completed his undergraduate degree in biomedical engineering from UM in 2001, and received his PhD from the University of Surrey, United Kingdom in 2011.

He was UM residential college fellow since 2004, and a principal in two residential colleges since 2014. It is in these capacities that he was involved in numerous community engagement programs, from organising running events to distributing food for the urban poor and homeless in downtown Kuala Lumpur. He was instrumental in founding Projek Yusuff, a volunteering program for UM students to help underprivileged children of PPR Pantai Ria, Pantai Dalam, Kuala Lumpur. This particular program was established in 2015, and was featured in Harian Metro, Kosmo and TV Al-Hijrah, among others. This father of three boys currently is the principal of the Raja Dr. Nazrin Shah Residential College, UM, and currently enjoys writing and sharing UM stories to the mass media, where he contributed PR value in excess of RM50 million since 2015. He strives to live healthily, and lives by the adage: “If not us, then who? If not now, then when



# International Learning Improvement and Teaching Enhancement Conference (LITEC) 2019

24<sup>th</sup> – 25<sup>th</sup> April 2019

The Pearl Kuala Lumpur Hotel, Malaysia

PLENARY SESSION

## TITLE “ Social Activists Inspiring Eduvation ”

### YUSUFF PROJECT

Projek Yusuff: Potential Solution Provider for Underprivileged Children of PPR Pantai Ria: Projek Yusuff was established in 2015, and started out as the strategic partner for an educational-based NGO, Projek Iqra'. For two nights every week, a group of University of Malaya (UM) volunteers from various faculties, will spend quality time with selected children from PPR Pantai Ria, Pantai Dalam, Kuala Lumpur. Most of the children do not possess the required reading and writing skills for their age, which in turn affects their academic performance and social development. With our intervention in doing Bahasa Melayu, English and Mathematics exercises, along with fun learning sessions, and visits to KidZania, fire station, and the Faculty of Engineering UM, these children are now much more confident going to school. For the UM volunteers, Projek Yusuff provided a platform for them to explore their role as the future agent of societal changes, even before graduating.



Images from [engine.um.edu.my](http://engine.um.edu.my)

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## PRESENTATION Schedule

# 24<sup>th</sup> APRIL 2019 (WEDNESDAY)

| TIME                    | PHOENIX BALLROOM  | SWAN SEMINAR ROOM   |
|-------------------------|---|---|
| <b>SESSION 1</b>        |   |   |
| 10.30AM<br>-<br>10.50AM | A-01<br><b>A Global Place In A Learning Space: Changing Conceptualisations Of Literature Education</b><br><i>Dr. Lim Jia Wei (UM)</i>   | B-01<br><b>The Effects of Problem-Based Language Learning on Listening Comprehension of Malaysian Undergraduate Students</b><br><i>Dr. Ong Lok Tik (UM)</i>   |
| 11.00AM<br>-<br>11.20AM | A-02<br><b>Maximizing Effectiveness of Learning Space in University of Malaya through Flipped Classroom Approach</b><br><i>Dr. Wong Seng Yue (UM)</i>   | B-02<br><b>Knowledge Transfer Strategy based on Beyond Centre and Circle Time (BCCT) Method: A Case Study of First Year Primary School Students in SDIT Permata Madani in Bogor, Indonesia</b><br><i>Madam Rina Wahyuni (NLI)</i> |
| 11.30AM<br>-<br>11.50AM | A-03<br><b>Space matters: The impact of Mobile Augmented Reality (AR) from student's perspective</b><br><i>Ms. Vinothini Vasodavan (UM)</i>   | B-03<br><b>Real-Life Moral Dilemma Discussion (Re-LiMDD) to Bridge Students of Higher Learning to be Reflective Practicing Educators</b><br><i>Dr. Vishalache Balakrishnan (UM)</i>   |
| 12.00PM<br>-<br>12.20PM | A-04<br><b>Optimising the use of virtual learning space to improve student engagement and learning outcome in Team-Based Learning (TBL) module</b><br><i>Dr. Nur Lisa Zaharan (UM)</i>                      | B-04<br><b>Peer review of classroom teaching (PRT) practices: A reflective learning space for instructors?</b><br><i>Dr. Siti Zaidah Zainuddin (UM)</i>   |
| <b>SESSION 2</b>        |   |   |
| 3.00PM<br>-<br>3.20PM   | A-05<br><b>Bridging the gap: Trained to teach effectively in a collaborative learning space</b><br><i>Dr. Zahiruddin Fitri Abu Hassan (UM)</i>  | B-05<br><b>There is no failure, only valuable lesson opportunities": Reframing students negative conceptions of 'failure' and 'mistakes' in a safe learning space</b><br><i>Dr. David Yoong (UM)</i>                              |
| 3.30PM<br>-<br>3.50PM   | A-06<br><b>The incorporation of context-relevant learning spaces into the teaching and learning of pharmacy practices: Students' perception and learning effectiveness</b><br><i>Dr. Wong Yuen Fei (UM)</i> | B-06<br><b>Jigsaw Classroom: Its Effectiveness Towards Biological And Physical Science Students In Learning Stereochemistry</b><br><i>Dr. Mazdida Sulaiman (UM)</i>   |
| 4.00PM<br>-<br>4.20PM   | A-07<br><b>Differences in Impact of Virtual and Various Physical Learning Spaces on Pupils from Urban and Rural Schools</b><br><i>Ms. Grace Gayathri a/p Ramakarsinin (SK TEMIANG)</i>                      | B-07<br><b>Development And Validation Of An Authentic-Based Competency Assessment Rubric</b><br><i>Ms Nithia K. (UM)</i>  |
| 4.30PM<br>-<br>4.50PM   | A-08<br><b>Learning Space Preferences of Final Year Undergraduate Students in the Faculty of Dentistry, University of Malaya</b><br><i>Dr. Lau May Nak (UM)</i>   | B-08<br><b>Learning Space: Embedded The Teaching Technique Of Prosthetics And Orthotics Engineering</b><br><i>Dr. Nasrul Anuar Razak (UM)</i>   |

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## PRESENTATION Schedule

### 25<sup>th</sup> APRIL 2019 (THURSDAY)

| TIME                    | PHOENIX BALLROOM   | SWAN SEMINAR ROOM  |
|-------------------------|--|--|
| <b>SESSION 3</b>        |  |  |
| 9.30AM<br>-<br>9.50AM   | A-09<br><b>To what extent facilitation using 'WhatsApp' impacted student's inquiry skill</b><br>Dr. Aishah Abu Bakar (UM)  | B-09<br><b>Mathematical Thinking Skills and Creative Problem Solving in the Delivery of Engineering Mathematics in The Conventional Learning space</b><br>Dr. Khairunnisa Hasikin (UM)                                 |
| 10.00AM<br>-<br>10.20AM | A-10<br><b>A Model for Collaborative Learning Space: Teaching Early Childhood Preservice Teachers How to Teach STEM</b><br>Dr. Suzieleez Syrene Abdul Rahim (UM)   | B-10<br><b>Beyond Classroom in learning Language in Literary Texts</b><br>Dr. Emily Lau Kui Ling (UM)  |
| <b>SESSION 4</b>        |  |  |
| 11.00AM<br>-<br>11.20AM | A-11<br><b>Transformation from Traditional Tutorial Classroom to New Learning Spaces: Implications on Application of 5E Instructional Model to PASUM Students</b><br>Dr. Fauzani Md. Salleh (UM)   | B-11<br><b>Determining learning space preferences of undergraduate medical students in the University of Malaya</b><br>Dr. Sim Joong Hiong (UM)  |
| 11.30AM<br>-<br>11.50AM | A-12<br><b>Classroom As The Active Learning Space: Scientific Skills Learning Kit For Primary School Students</b><br>Ms. Nadrah Harith Fadzilah (UM)   | B-12<br><b>From Passive to Active Learning: The Weaning Model</b><br>Dr. Nur Azah Hamzaid (UM)   |
| 12.00PM<br>-<br>12.20PM | A-13<br><b>Creating new learning space in the workplace: The use of Entrustable Professional Activities (EPAs) as a tool of learning and assessment for entry into a Malaysian Professional Paediatrics postgraduate training program</b><br>Prof. Dr. Thong Meow Keong (UM) | B-13<br><b>Enhancing Students' Learning during Laboratory Session through Hybrid Computer Simulation-Hands-on Experiments</b><br>Assoc. Prof. Ir. Dr. Hazlee Azil Illias (UM)  |
| 12.30PM<br>-<br>12.50PM | A-14<br><b>Vocabulary Enhancement Through Modern-Day Means For University Students</b><br>Madam Rema Menon (UM)  | B-14<br><b>Community Placement as a teaching tool and learning space for Oral Health Promotion Project: Learning Experience and Reflections of Dental Students and the Community</b><br>Dr. Marhazlinda Jamaludin (UM) |



The Academic Enhancement and Leadership Development Centre (ADeC) is a Centre of Responsibility or Pusat Tanggungjawab (PTJ) under the portfolio of the Deputy Vice-Chancellor (Academic & International), University of Malaya. ADeC's core responsibility is to design and conduct professional development programs for UM's academic staff. ADeC's history began with the establishment of the University of Malaya Learning Improvement Centre (UMLIC) in 1996 which was later re-branded as the Academic Development Centre (ADeC) in February 2007.

ADeC's rebranding reflects the centre's then expanded role, from solely providing training on teaching and learning (T&L) towards producing future renowned and highly competent academic leaders in T&L, research and supervision.

In 2017 and 2018, ADeC's role is expanding even further to [include learning and development for institutional leaders and promotion of well-being among academic staff](#). Although ADeC's acronym remains the same, the centre was renamed as the Academic Enhancement and Leadership Development Centre (ADeC) in 2016, in anticipation of ADeC's expanded foci. This new name reflects ADeC's intent to develop and support UM's academic staff in the domains of: T&L, research and supervision, as well as leadership and well-being.

Accordingly ADeC also [manages and facilitates a range of academic enhancement activities including e-learning and learning spaces development](#). ADeC is thus a rather unique centre as its role extends beyond the traditional function of a T&L centre.

Instead, ADeC is a centre dedicated to nurturing the **holistic development** and **well-being** of UM's academic staff as transformational academic and institutional leaders in the Malaysian and global higher education spheres.





## A C K N O W L E D G E M E N T

Special thanks to everyone who helped and contributed to making this International Learning Improvement and Teaching Enhancement Conference 2019 a great success!

Deputy Vice-Chancellor (Research & Innovation), University of Malaya  
 Deputy Vice-Chancellor (Academic & International), University of Malaya  
 Institute of Research Management & Services (IPPP), University of Malaya

### *Panel Reviewer for Conference*

Dr. Nurkhamimi Zainuddin (*Universiti Sains Islam Malaysia*)  
 AP Dr. Suria Baba (*Universiti Malaysia Kelantan*)  
 AP Ir. Dr. Hayati Abdullah (*Universiti Teknologi Malaysia*)  
 Prof. Ts. Dr. Faaziah Shahbodin (*Universiti Teknikal Malaysia*)  
 AP Dr. Raihanah Mohd Mydin (*Universiti Kebangsaan Malaysia*)  
 AP Dr. Rozita Hussain (*Universiti Pertahanan Nasional Malaysia*)  
 AP. Dr. Mariam Taib (*Universiti Malaysia Terengganu*)  
 AP Dr. Sharifah Wajihah Wafa Syed Saadun Tarek Wafa (*Universiti Sultan Zainal Abidin*)  
 Assoc. Prof. Dr. Nurfadhliina Mohd Sharef (*Universiti Putra Malaysia*)

### *Speakers and panelists*

Mr. Pasi Mattila (*Finpeda Ltd.*)  
 Ir. Dr. Mas Sahidayana Mokhtar (*UM STEM Centre*)  
 Madam Zaliza Alias (*GAINS Education Group*)  
 Mr. Sirhajwan Idek (*Kolej Vokasional Keningau*)  
 AP Dr. Mohammad Tazli Azizan (*Kperak Inc. Corporation*)  
 Dr. Zahiruddin Fitri Abu Hassan (*ADeC*)  
 Ar. Sharifah Noor Nazim Syed Yahya (*Department of Development Estates Maintenance,UM*)  
 Madam K.A Razhiyah (*Projek Teratak Spa*)  
 Madam Sharifah Sharina Syed Aswad (*Projek Iqra' Charity Association of Malaysia*)  
 Dr. Nahrizul Adib Kadri (*Projek Yusuff, University of Malaya*)

The Pearl Kuala Lumpur Hotel  
 All academics, staffs, and everyone involved in LITEC 2019.

**DIRECTORY****GENERAL LINE : 010 - 3527275**

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We value all your comments, suggestions, and feedback.

[bit.ly/LITEC2019\\_FeedbackForm](https://bit.ly/LITEC2019_FeedbackForm)



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