

# Ed-Communiqué

Teaching & Learning Centre (TLC)'s Monthly Bulletin

**ISSUE 2: 2020**

**Inside this Issue:**

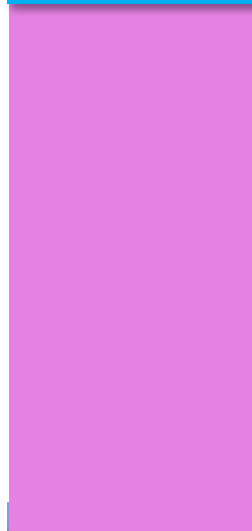
<b>MTE Pitching Session</b>	<b>2</b>
<b>Module Development Workshop</b>	<b>3</b>
<b>ODL Visit to MQA @ Cyberjaya</b>	<b>3</b>
<b>ODL Briefing</b>	<b>4</b>
<b>Flipped Classroom Sharing Session</b>	<b>5</b>
<b>ALIEN Workshop</b>	<b>6</b>
<b>Pensyarah Hebat</b>	<b>7</b>
<b>Team-Based Active Learning</b>	<b>8</b>



**Developing and Supporting Team-Based Learning Using Cooperative Learning**



**Pensyarah Hebat:  
Pasak Minda Perkasa Jiwa**



**Open and Distance Learning (ODL) Visit to MQA @ Putrajaya**



**Introduction to Active Learning in Engineering Education (ALIEN) Platform**

# MTE PITCHING

## Mock Presentation for MTE 2020



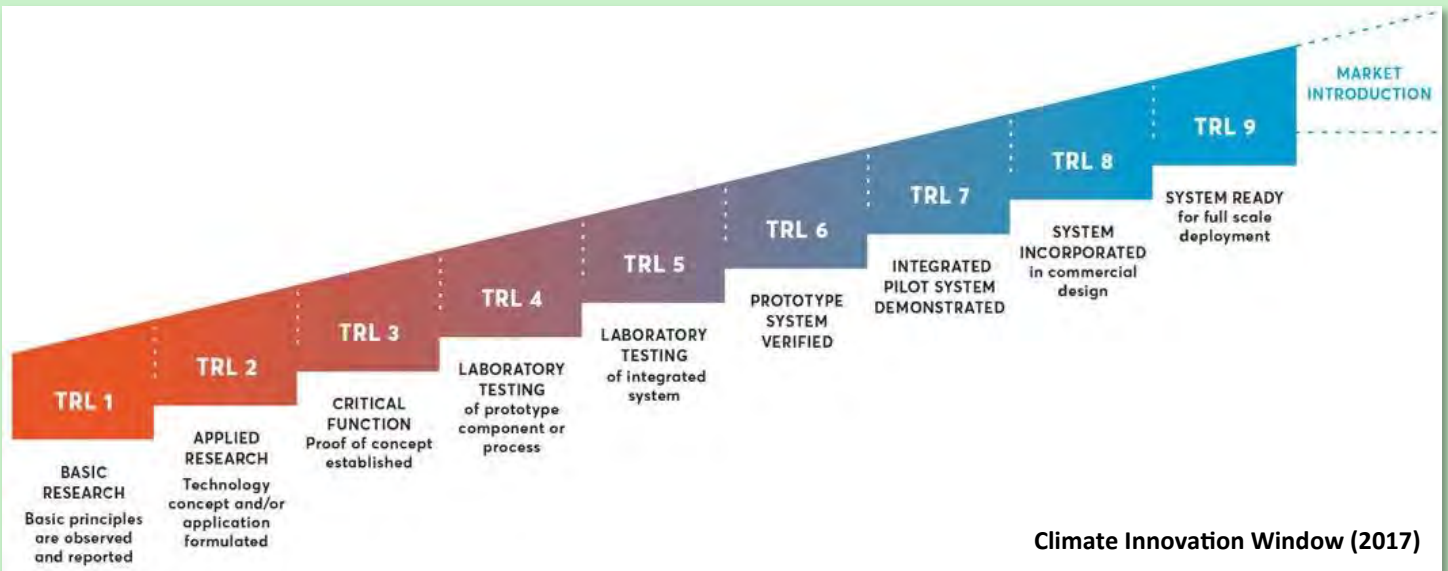
TLC was delighted to join a mock presentation for the upcoming Malaysian Technology Expo (MTE) 2020 exhibition. Dr. Jehana Ermy and Mr. Adzly have joined the session that was organized by Innovation and Research Management Centre (iRMC) on the 6<sup>th</sup> February 2020. The pitching session was held to help prepare UNITEN exhibitors to optimise their presentation to clinch more gold medals.

During the pitching session, Chief Officer of Commercialization, Ms. Biruntha Mooruthi, from UNITEN Research and Development Sdn. Bhd. (URND) has provided some winning points and constructive feedback especially on how to market and to commercialize the exhibitors' products. She emphasized on the Technology Readiness Level (TRL) to gain more points in the judging criteria.

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TLC, under its Innovation and Teaching Excellence (InnovaTE) Unit, is planning to send participations in the Education category to International Invention, Innovation & Technology Exhibition (ITEX 2020) which will be held in June 2020.

Thank you Assoc. Prof. Dr. Woon Hai Song (Coordinator) and Dr. Normy Norfiza Abdul Razak (Director) from iRMC for your kind invitation to attend the session!



Climate Innovation Window (2017)



# Module Development Workshop

Conducted by Dr. Nor Tutiani Ab. Wahid



TLC attended a two-day workshop on the 6–7 February 2020 entitled “Module Development Workshop” conducted by Dr. Nor Tutiani Ab. Wahid from Faculty of Educational Studies, UPM at KSHAS, Muadzam Shah. TLC was represented by Mr. T.J. Iskandar Abd. Aziz, Mr. Mohd. Hanif Abu Hassan, Mr. Ahmad Syafwan Yusoff and Mr. Rahmat Abdul Wahid (COE).

Among the objectives of the workshop were to provide an exposure to COBA academic staffs on the preparation of module development in facing the new learning environment such as active learning and work-based learning. In addition, the workshop enhanced the skills of COBA academic staffs in recognizing different types and levels of learning abilities to develop suitable assessments for the students.



The workshop provided a practical session for the whole module development process in instructional design terms and concept and how it is being applied in module development. Thanks to the College of Business Management and Accounting for organizing this insightful workshop in module developing process.

## ODL Visit to MQA @ Cyberjaya



TLC visited the MQA in Cyberjaya on the 13 February 2020 for an Open Distance Learning (ODL) discussion with the Deputy CEO (Quality Assurance), Prof. Ir. Dr. Khairul Salleh Mohamed Sahari.

UNITEN is currently embarking on Open & Distance Learning (ODL) and Micro-credentials (MC) programmes and courses. These initiatives enable learning to be more accessible to wider population as there is growing need for lifelong learning by upgrading and reskilling via advances in technology.

Dr. Fazrena Azlee Hamid heads the ODL and MC programme at TLC.



# ODL BRIEFING & SHARING

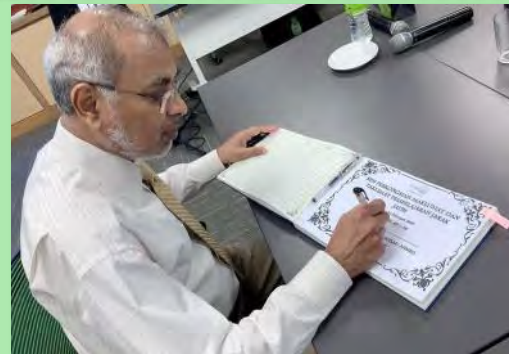
AT COBA, MUADZAM SHAH CAMPUS

**T**LC members and Dr. Rosnafisah Sulaiman, Business Development Department Director, were invited to join “Information Sharing and Briefing Session on Open and Distance Learning (ODL)” on 14<sup>th</sup> February 2020 at Campus Sultan Haji Ahmad Shah in Muadzam Shah.

In the session that was organized by College of Business Management and Accounting (COBA), Prof. Dato’ Dr. Ansary Ahmed (Founder and President of Asia e University) and Prof. Ahmed Hashem (Vice President of OUM (Business Development and Technology) have shared their knowledge and experiences in both e-learning and ODL arena.



In his presentation, Prof. Dato’ Dr. Ansary stressed on the importance of seeing how technology changes in education with Education 4.0 by 2030. Among the key changes include flexible delivery, personalized learning and students being evaluated and not examined. He also explained on E-Learning Framework, Technology Design, Content Design and Learning Design that provides a strong foundation for ODL effectiveness.



## What is Open and Distance Learning (ODL)?

- ♦ Open and Distance Learning (ODL) is a general term for the use of telecommunication to provide or enhance learning.
- ♦ It is a way of learning remotely without being in regular face-to-face contact with instructor in the classroom.
- ♦ “Open” in terms of being accessible by anyone and from anywhere.



# Flipped Classroom and Active Learning

## A Sharing Session



**D**r. Jehana Ermy from TLC was invited by COBA on 14<sup>th</sup> February 2020 to share her experiences in managing flipped classroom and implementing active learning in her courses with their BL agents.

She started by introducing the BOLD 2025 Blended Learning (BL) Initiative and the four BL levels before focusing on BL Level 3 which is flipped teaching and learning. From her experience teaching EECB423 Data Communication and Network, she detailed the challenges of handling her students as well as how to get the students to participate willingly in the class activities. Next, she described the steps taken to implement a flipped classroom for a more engaging and meaningful learning.

She uses the “bookend” approach to help organize her materials and contents in Padlet and Moodle, as well as designing the assessment that would demonstrate the students’ course outcome (CO). Finally, she shared some tips to quickly flip a lesson and how to gather evidence of the learning outcomes.

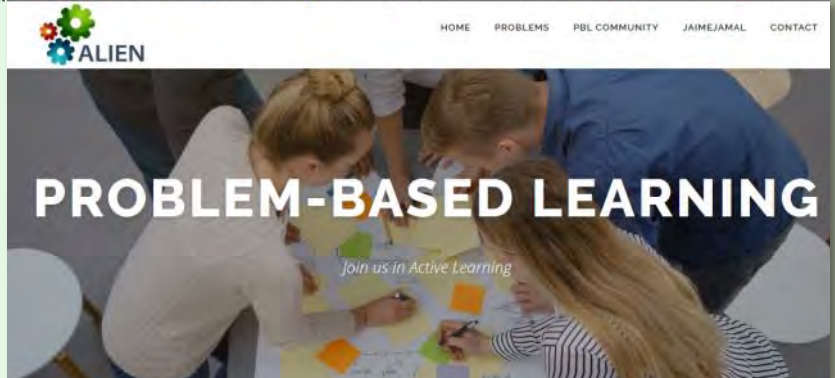
# Introduction to ALIEN Platform: A Global Platform for AL/PBL Practitioners

A half-day workshop on “Introduction to ALIEN Platform: A Global Platform for AL/PBL Practitioners” by Erasmus+ Active Learning in Engineering (ALIEN) Research Group was held on the 17<sup>th</sup> February 2020 in collaboration with TLC.

A group of 30 academics who attended this workshop were the participants of “21<sup>st</sup> Century Education for Engaging Millennial's, Part 1 : Effective Implementation of Active Learning” workshop organized by the TLC previously on 3—4 September 2019 or 28—29 November 2019 by Prof. Khairiyah binti Mohd. Yusof from UTM.

The workshop was held at PBL Room 2, Level 2, Block BM at College of Engineering. The instructors involved in the facilitating session were Ts. Dr. Hazleen Aris, Ts. Zailani Ibrahim, Ms. Ida Suzana Hussain and Ms. Zaimah Hasan.

Among the objectives of the workshop are to expose to the participants a web-based platform to be used in implementing active learning/problem-based learning for academic courses, to guide the participants on the use of the platform, and to create a Special Interest Group (SIG) among lecturers who are interested to implement AL/PBL for their classes.





# *Pensyarah Hebat*

**T**LC organized a two-day workshop on “*Pensyarah Hebat: Pasak Minda Perkasa Jiwa*” on the 18—19<sup>th</sup> February 2020. The workshop was conducted by Coach Jasmi Bahrim and Prof. Datuk. Ir. Dr. Mohd. Jailani Mohd. Nor (UTeM).

The workshop covered topics on fun in career life, quality questions and active listening skills, micro goals versus superior goals, staff quality matrix measurement and breathing techniques.



# Effective Implementation of Student-Centred Learning: Part 2



**T**LC organized a two-day workshop on “Effective Implementation of Student-Centred Learning , Part 2: Developing and Supporting Team-Based Learning Using Cooperative Learning” on the 20<sup>th</sup> –21<sup>st</sup> February 2020. The workshop was conducted by Prof. Dr. Khairiyah Mohd Yusof and Dr. Syed Ahmad Helmi Syed Hassan from Centre for Engineering Education (CEE), Universiti Teknologi Malaysia (UTM). There were 30 blended learning agents who participated in the course.

Among the topics covered during the workshop were introduction to cooperative learning (CL) structures, team formation and dynamics, formal CL, designing effective learning environment using CL, and supporting and monitoring students teams.



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