TLC
The Energy University
Teaching & Learning Centre

HIGHLIGHT

TLC ACTIVITIES
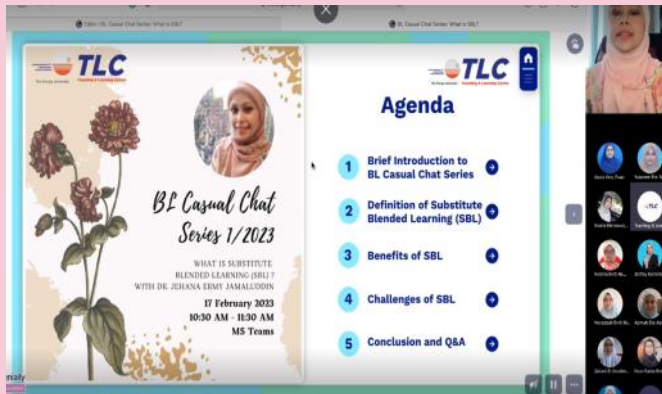## JANUARY-MARCH 2023

WHAT'S IN THIS ISSUE:

Learning by doing, peer-to-peer teaching, and computer simulation are all part of the same equation. -Nicholas Negroponte
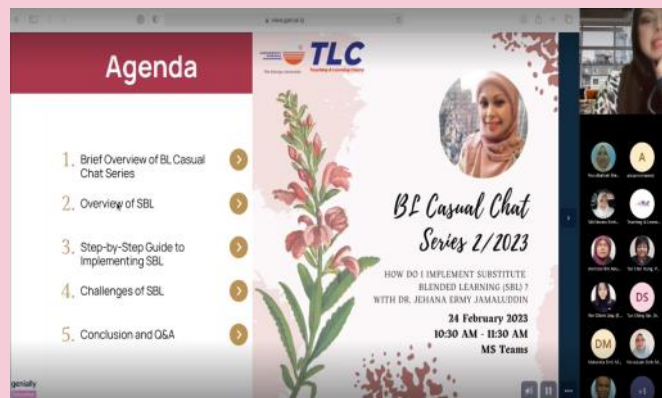
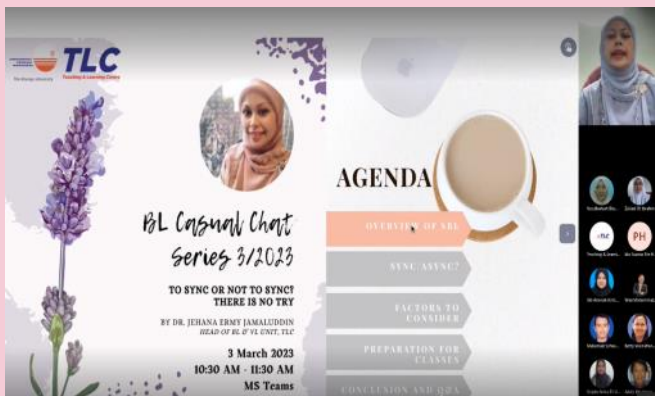# BL CASUAL CHAT SERIES 1-4/2023
BY
DR. JEHANA ERMY JAMALUDDIN

SERIES 1/2023: What is Substitute Blended Learning (SBL)?

The chat was held on 17th February 2023 with the objectives to provide an overview of the concept of SBL and to highlight the benefits and challenges of SBL.
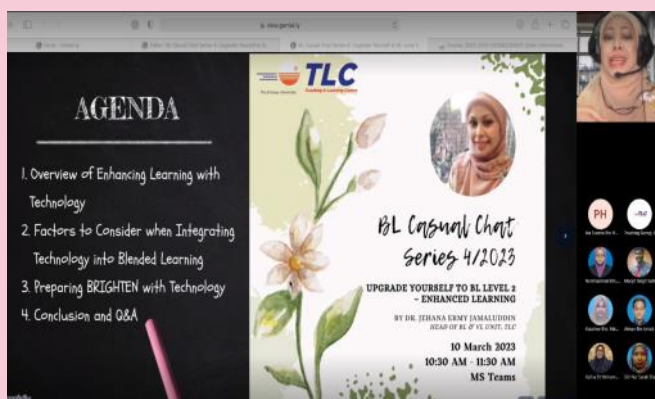

SERIES 2/2023: How Do I Implement SBL?

It was held on 24th February 2023. The chat was aim to provide a step-by-step guide for implementing SBL, to highlight the factors to consider when implementing SBL and to provide strategies and best practices for successful implementation of SBL.

SERIES 3/2023: To Sync or Not To Sync? There is No Try

The chat was held on 3rd March 2023 with the objectives to provide a clear understanding of synchronous and asynchronous classes in SBL, to highlight the factors to consider when deciding between synchronous and asynchronous classes and to strategies and best practices for delivering effective synchronous and asynchronous classes.

SERIES 4/2023: Upgrade yourself to BL level 2 – Enhanced Learning

The chat was held on 10th March 2023 with the aim to provide a clear understanding of the use of educational technology in BL, to highlight the benefits of incorporating educational technology in BL and to provide strategies and best practices for integrating educational technology into BL lessons.

WEBINAR "COMPETENCY FRAMEWORK FOR TEACHING EXCELLENCE"
27 FEBRUARY 2023

This webinar was conducted by Prof. Dr. Abd Karim bin Alias on 27th February 2023 through MS Teams. The objective of the webinar were to provide educators with an overview of the framework and its key components, and to equip them with the knowledge and tools needed to enhance their teaching practices.

Objectives:

(a) The What and Why of Competency Framework for Teaching Excellence

(b) Understand how the framework enhances teaching practices and professionalism

(c) Explore practical strategies for developing and assessing teaching competencies.

(d) Engage in a discussion on the importance of teaching excellence and its impact on student success.

Overall, this webinar was a valuable resource for educators who want to improve their teaching practices and promote excellence in the classroom.

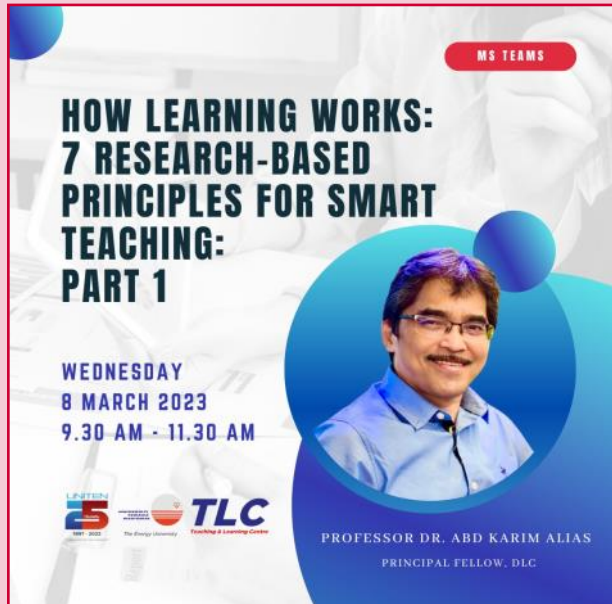# WEBINAR: "ACHIEVING EXCELLENCE THROUGH PROFESSIONALISM IN TEACHING"
7 MARCH 2023

The 2-hour webinar was also conducted by Prof. Dr. Abd Karim bin Alias which was held on 7th March 2023. The webinar explored the key elements of professionalism in teaching and how they contribute to effective teaching practices and student learning outcomes.

Participants have been gained insights into the importance of professionalism in teaching, including maintaining ethical and legal responsibilities, demonstrating integrity, and building positive relationships with students and colleagues.

The session had also covered practical strategies for demonstrating professionalism in teaching, such as effective communication, establishing boundaries, and maintaining a positive attitude.

WEBINAR : "HOW LEARNING WORKS: 7 RESEARCH-BASED PRINCIPLES FOR SMART TEACHING"
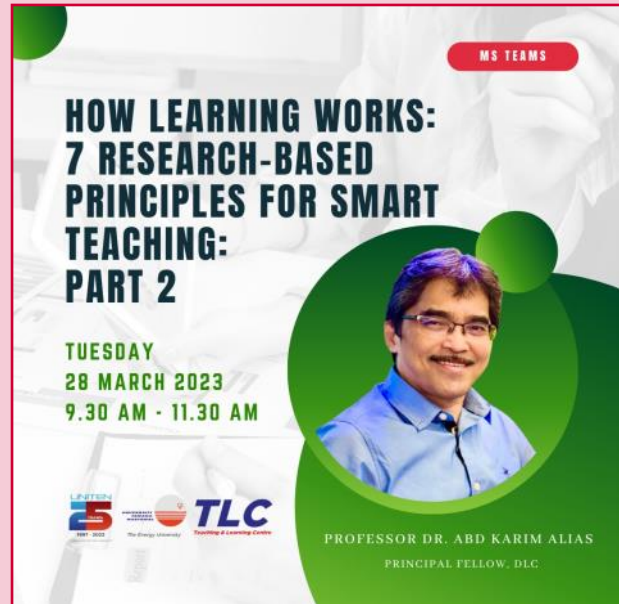## 8 & 28 MARCH 2023

The webinar was held on 8th and 28th March 2023 by Prof. Dr. Abd Karim Alias. It was based on a book that presents research-based principles for effective teaching.

Participants have been exposed on how students' prior knowledge, the organization of knowledge, and motivation to learn impact learning.

The session also covered how students develop mastery, the kinds of practice and feedback that enhance learning, and why student development and course climate are crucial for student learning.

Additionally, the webinar provide insights into how students can become self-directed learners, focusing on practical strategies that can be implemented in the classroom.

WORKSHOP SBL 101:
WHAT IS SUBSTITUTE BLENDED LEARNING (SBL)?
28 MARCH 2023

The workshop was held on 28th March 2023 conducted by Dr. Jehana Ermy Jamaluddin with more than 30 participants. The workshop was aim to provide participants with a comprehensive understanding of SBL and its components, to guide participants with the skills they need to convert their course to SBL and to explore different teaching and learning activities, assessment types and student learning times (SLT).

DESIGN THINKING APPLICATION IN SCIENCE, TECHNOLOGY AND BUSINESS EDUCATION FORUM
10 MARCH 2023

A forum entitled "Design Thinking Application in Science, Technology & Business Education Towards Creative and Innovative Graduates" was held on 10th March 2023. The forum, which took place at the Design Thinking Lab, Advanced Learning, IRC, was jointly organised by the ERASMUS+ CBHE ICT-INOV research project team and TLC. It aims to disseminate and at the same time encourage the application of design thinking in the teaching and learning at the higher education to stimulate students' creativity and innovativeness.

Three panellists, Prof. Dr. Sofri Yahya (USM), Mr. Chuah Kee Man (UNIMAS) and Assoc. Prof. Dr. Hazleen Aris (UNITEN), shared their insights, experiences and challenges in implementing design thinking in their classes during the forum that was moderated by Dr. Husni Mohd. Radzi.

Prior to that, welcoming remarks were given by TLC Director, Pn. Zailani Ibrahim followed by the opening remarks and officiation by Mr. Raja Segaran, Director for Strategy, Research & Insights, Malaysian Digital Economy Corporation (MDEC).

The forum was attended by both, lecturers and students with more than a hundred viewers joining online. It is hoped that such forum can help to pave the way in sparking interest amongst the lecturers and students alike in exploring and adopting design thinking in teaching and learning towards producing more creative, innovative and hence competitive graduates.

HOW SUBSTITUTE BLENDED LEARNING (SBL) HELPS STUDENTS LEARN EFFECTIVELY

An effective implementation of the online component of SBL requires careful planning, thoughtful selection of resources and activities, and clear communication and support for students. By incorporating these elements into their teaching practices, instructors can create engaging and effective blended learning experiences that meet the diverse needs and preferences of their students.

Several key factors should be considered when implementing SBL. First, instructors should carefully select and design appropriate online resources that are aligned with the learning objectives and activities of the course. These resources may include pre-recorded video lectures, interactive simulations, or collaborative tools, among others. It is important to ensure that the selected resources are accessible and engaging for all students and that they support different learning styles and preferences. Moreover, instructors should provide clear instructions and expectations for using these resources and offer technical support as needed.

Next, instructors should design effective learning activities that utilise online materials to enhance student learning and engagement. These activities may include online discussions, group projects or interactive quizzes. The online learning activities should provide opportunities for students to apply and practice what they have learned. In addition, regular feedback and support for students must be provided to engage students in these activities, and encourage collaboration and interaction among students.

The SBL online components is shown beside.

What are the SBL Components?

What are the examples of online activity to be used in your lecture?

Learning Content — 40%
- Video recording, audio and screen
- Animation and Web 2.0 software
- Narrative presentation
- Simulation, Virtual Reality (VR) or Augmented Reality (AR)
- In- or out-of-class live lecture
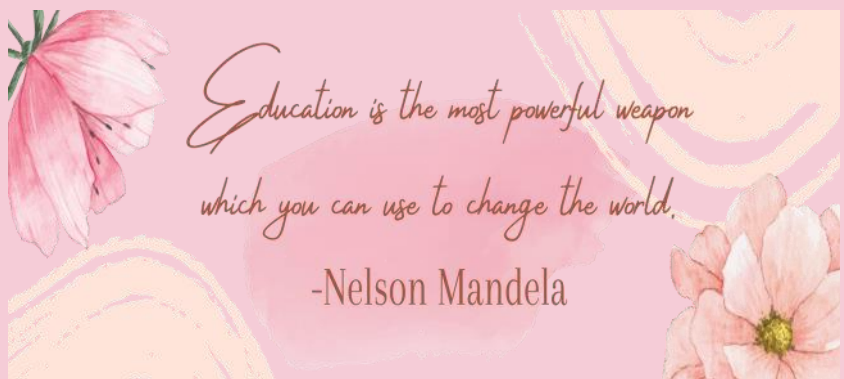- Interactive content
- Laboratory practical video

Learning Activities — 40%

Group or Individual Work
- Collaborative learning
- Interactive content
- Laboratory tutorial
- Activities on LMS (e.g. forum)
- Case study
- Presentation
- Discussion
- Debate

Assessment — 20%
- Quiz
- Assignment
- Report
- Reflection/Portfolio
- Hands-on/Practical test
- Peer evaluation

Education is the most powerful weapon which you can use to change the world.

-Nelson Mandela

EXPLORE T&L WITH BL GAZETTE

BL Gazette, a weekly BL Unit's T&L newsletter, continues to explore more topics related to pedagogy. We focus on the importance of pedagogy in teaching and learning as a strong understanding of pedagogy can help instructors design and deliver courses that engage students, promote deep learning, and support the development of critical thinking and problem-solving skills.

In this issue, we explore different pedagogical approaches and techniques, discuss how to effectively implement them in the classroom, and highlight their impact on student learning outcomes.

The list of the topics are as follows and can be accessed here.

Issue No.	Topic	Date
13	Scaffolding in Teaching and Learning	25 January 2023
14	Promoting Constructive Alignment in Your Course	1 February 2023
15	From Goals to Results: The Power of Outcome-Based Education (OBE)	8 February 2023
16	Design Thinking: A Fresh Approach to Problem Solving	15 February 2023
17	Game On: Using Gamification to Motivate Learners	22 February 2023
18	Authentic Assessment for Learning	1 March 2023
19	Nine Steps to Effective Learning: Gagne's Instructional Design	8 March 2023
20	Transforming T&L with ChatGPT: Personalised Learning in the AI Era	24 March 2023
21	Project-Based Learning: The Key to Engaging, Creative and Collaborative Classrooms	29 March 2023

ICARE' 2023: CALL FOR PAPERS

Government-Linked Universities (GLU), which consists of Universiti Teknologi PETRONAS (UTP), Universiti Tenaga Nasional (UNITEN), Multimedia University (MMU), and Universiti Kuala Lumpur (UniKL) will be organizing the International Conference on Advancing and Redesigning Education 2023 (ICARE'23), held at **Undercroft, Chancellor Complex, Universiti Teknologi PETRONAS, Perak, Malaysia** on November 21 - 22, 2023.

The objective of ICARE'23 is to establish collaboration opportunities with an emphasis on relationship building between the academic and the industry. It also aims to strengthen the research culture among educators, specifically in the Teaching and Learning areas. All accepted papers will be considered for publication in either SCOPUS or MyJurnal indexed publications.

Submit your paper by using this link: https://uevent.utp.edu.my/PresentationPortal/icare23/cfpicare23

For more info:
Website: https://www.icare-glu.com/
Email: icare23@utp.edu.my
Facebook: https://www.facebook.com/profile.php?id=100088189515326

Important Dates
Deadline for Paper Submission: **30 June 2023**
Notification for Paper Submission: **31 July 2023**
Registration Deadline: **31 August 2023**
ICARE'23: **21-22 November 2023**

TLC Short Course Calendar
(May-June 2023)

We have short courses aligned for you this coming months! Do not forget to register yourselves and be in the know of the latest trend in education.

MONTH	DATE	COURSE	FACILITATOR/INSTRUCTOR
MAY	18	OBE : Learn, Unlearn and Relearn	Sr. Ir. Dr. Hj. Suhaimi Abdul Talib
JUNE	1	How Learning Works: 7 Research-Based Principles for Smart Teaching (Part 4)	Prof. Dr. Abd Karim Alias
	8	Review Pilot Courses- Substitute Blended Learning (SBL-Part 2)	Prof. Madya Ts. Dr. Muhamad Shahbani Abu Bakar
	9	BL Casual Chat Series 5/2023: Upgrade Yourself to BL Level 3 (Flipped Teaching and Learning)	Dr. Jehana Ermy Jamaluddin
	14	BRIGHTEN Up Your LMS Series 1: How to Organise Teaching and Learning Materials Systematically	Dr. Jehana Ermy Jamaluddin
	16	Lensa AKRI 2023 Part 1	Dr. Shahreza Md. Sheriff
	19	Essentials of Teaching Portfolio (Part 1)	Prof. Dr. Abd Karim Alias
	22	Workshop: Creating & Deploying Assessments In Brighten (Module 1)	Dr. Jehana Ermy Jamaluddin Ts. Betty Voon Wan Niu Mr. Rahmat Abdul Wahid
	23	MQF2.0 Domain Clusters of Learning Outcomes	Mrs. Elya Sufliza Marsom

"The goal of education is the advancement of knowledge and the dissemination of knowledge
-JOHN F. KENNEDY

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UNIVERSITI TENAGA NASIONAL
The Energy University

Ramadhan this time, may Allah forgive us, strengthen our faith and make it easy for us to do worship

TEACHING AND LEARNING CENTRE
LEVEL 3, ADMINISTRATION BUILDING,
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