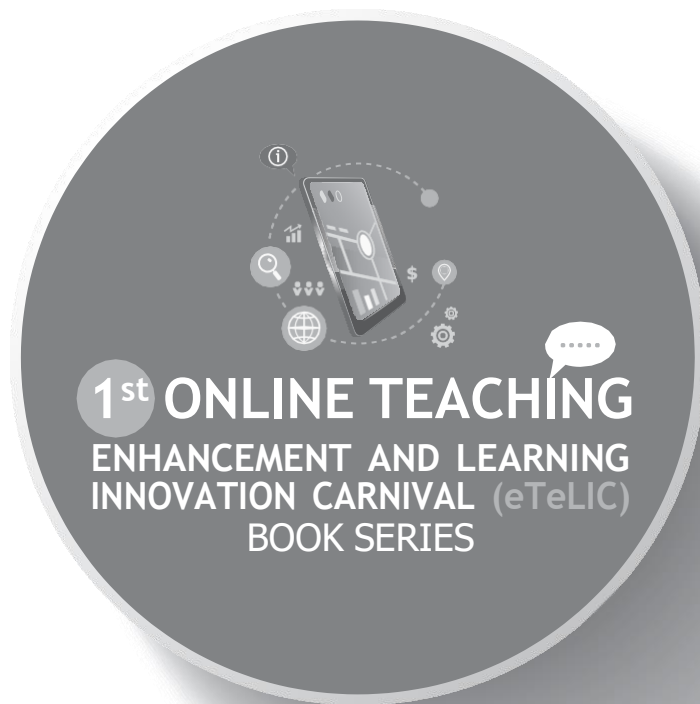


**1<sup>st</sup> ONLINE TEACHING  
ENHANCEMENT AND LEARNING  
INNOVATION CARNIVAL (eTeLIC)  
BOOK SERIES**

**SYNCHRONOUS@REAL-TIME  
ONLINE INTERACTION**





# SYNCHRONOUS @ REAL-TIME ONLINE INTERACTION

Editors:  
TAN TSE GUAN  
FAIRULADILAN HAMADUN  
SURIA BABA

**Copyright UMK PRESS, 2021**

All rights reserved. No part of this publication may be reproduced, stored in production transmitted in any form, whether electronic, mechanical, photocopying, recording or otherwise, without having permission from the UMK Press.

Perpustakaan Negara Malaysia

Cataloguing-in-Publication Data

Online Teaching Enhancement And Learning Innovation Carnival (1st : 2021 : Online)

1st ONLINE TEACHING ENHANCEMENT AND LEARNING INNOVATION  
CARNIVAL (eTeLIC) BOOK SERIES : SYNCHRONOUS@REAL-TIME  
ONLINE INTERACTION / Editors: TAN TSE GUAN, FAIRULADILAN  
HAMADUN, SURIA BABA.

ISBN 978-967-2912-78-1

1. Educational innovations--Malaysia.
2. Web-based instruction--Malaysia.
3. Educational technology--Malaysia.
4. Government publications--Malaysia.

I. Tan, Tse Guan, 1982-. II. Fairuladilan Hamadun, 1989-.

III. Suria Baba, 1960-. IV. Title.

370.9595

Executive Producer: Azman Hashim. Copy Editors: Amirul Firdaus Zilah, Raihana Sulaiman.

Acquisition Editor: Siti Asma Mohd Rozid. Technical Assistant: Mohd Suhairi Mohamad.

Art Director: Yusroyka Karim. Designer: Mohamad Kamarul Hisyam A Rahman.

Published by:

UMK Press

Universiti Malaysia Kelantan

Office of Library and Knowledge Management

16300 Bachok, Kelantan

(Member of Malaysian Scholarly Publishing Council (MAPIM))

(Member of Malaysian Book Publishers Association (MABOPA))

Membership Number : 201903)

Printed by:

RTS TYPESETTING AND TRADING

No 14 Jalan Jemaju Empat 16/13D

Seksyen 16

40200 Shah Alam, Selangor

## TABLE OF CONTENT

List of Contributors	ix
List of Figures	xiii
List of Tables	xv
List of Abbreviations	xvii
Preface	xix
Acknowledgement	xxi
<b>CHAPTER 1: INTRODUCTION</b>	<b>1</b>
<i>Tan Tse Guan, Fairuladilan Hamadun, and Suria Baba</i>	
<b>CHAPTER 2: ONLINE ROLE PLAY IN MANDARIN AS A FOREIGN LANGUAGE LEARNING BY USING GLOBAL CLASSROOM METHOD</b>	<b>7</b>
<i>Kuan Wee Ling and Kang Mei Feng</i>	
<b>CHAPTER 3: MAKING ENGLISH TEACHING AND LEARNING WORK WITH MICROSOFT TEAMS</b>	<b>13</b>
<i>Zulaikha Zulkflee and Rashidah Radzi Rasalingam</i>	
<b>CHAPTER 4: ENHANCING SYNCHRONOUS ONLINE TEACHING THROUGH STUDENT-CENTERED LEARNING APPROACH</b>	<b>21</b>
<i>Chong Chee Jiun</i>	
<b>CHAPTER 5: NEW-NORM OF MATERIALS TECHNOLOGY'S ONLINE LIVE LECTURE ASSISTED WITH STRUCTURED MIND-MAPPING</b>	<b>27</b>
<i>Pao Ter Teo, Mohamad Najmi Masri, Mardawani Mohamad, Nor Hakim Abdullah, Arlina Ali, Tse Guan Tan, Noor Azlina Ibrahim, Sarizam Mamat, Mahani Yusoff, Mohamad Bashree Abu Bakar and Siti Koriah Zakaria</i>	
<b>CHAPTER 6: PHYSIOTHERAPY PRACTICAL SKILL LESSON VIA SYNCHRONOUS ONLINE LEARNING</b>	<b>31</b>
<i>Hanisah Azahari</i>	

<b>CHAPTER 7: UTILIZATION INTERACTIVE ONLINE CLASS WITH GRAPHICS TABLET AND ONENOTE</b>	37
<i>Nurul Izyan Mat Daud, Fatihah Mohd, Azila Jaini, Nur Ain Ayunni Sabri and Noor Raihani Zainol</i>	
<b>CHAPTER 8: TELEGRAM: SURVIVOR ESCAPISM FOR LOW-BANDWIDTH LEARNERS</b>	41
<i>Lena Ramamurthy, Syakirah Shafien, Noor Syamimie Mohd Naw, Nik Ahmad Farhan Nik Azim and Shahidatul Maslina Mat So 'od</i>	
<b>CHAPTER 9: PLAYING FUN GAMES IN WHATSAPP TO ENGAGE UNDERGRADUATE STUDENTS IN ONLINE LEARNING DURING THE COVID-19 PANDEMIC</b>	49
<i>Nur Zareen Zulkarnain</i>	
<b>CHAPTER 10: TRANSFORMATIVE PDPC APPROACH IN CIVIL ENGINEERING INTEGRATED DESIGN PROJECT FOR ENHANCING STUDENT LEARNING EXPERIENCES AND NURTURING FUTURE-READY GRADUATES</b>	57
<i>Abdul Razak Abdul Karim and Norazzlina M.Sa'don</i>	
<b>CHAPTER 11: M-LEARNING: USING TELEGRAM TO ENGAGE AND GAMIFY ESP LEARNING</b>	56
<i>Lena Ramamurthy, Syakirah Shafien, Noor Syamimie Mohd Naw, Nik Ahmad Farhan Nik Azim and Shahidatul Maslina Mat So 'od</i>	
<b>CHAPTER 12: TRANSFORMATIVE TEACHING PRACTICES “APPROACH AND PROCESS OF LEARNING: EVERYTHING IS A LEARNING OPPORTUNITY”</b>	73
<i>Dolly Paul Carlo</i>	

<b>CHAPTER 13: INTEGRATION OF TASK-DRIVEN APPROACH IN EXPERIENTIAL LEARNING FOR ELECTRONIC DEVICES AND CIRCUITS COURSE</b> <i>Mastura Shafinaz Zainal Abidin and Zaharah Johari</i>	79
<b>CHAPTER 14: ATTENDING THE NECESSITY OF PERSONALIZED LEARNING IN THE TEACHING OF CHINESE AS A FOREIGN LANGUAGE WITH WHITEBOARD. FI</b> <i>Nurul Ain Chua Abdullah and Goh Ying Soon</i>	87
<b>CHAPTER 15: ADAPTATION OF KEMGERLY MODEL IN DESIGN AND DEVELOPMENT OF MOBILE APPLICATION FOR LEARNING ARABIC LANGUAGE PROFICIENCY</b> <i>Wan Ab Aziz Wan Daud, Wong Kung Teck, Mohammad Taufiq Abdul Ghani and Saipolbarin Ramli</i>	95
<b>CHAPTER 16: VIRTUAL WHITEBOARD USING JAMBOARD: FINANCIAL MANAGEMENT CALCULATION WILL NO LONGER BE BORED</b> <i>Ruzanifah Kosnin, Siti Salina Saidin, Suchi Hassan, Ahmad Fahme Mohd Ali, Naziatul Aziah Mohd Radzi</i>	101
<b>CHAPTER 17: EZ QURAN</b> <i>Muhammad Syamaizar Bilah and Khamelrun Shah Mat Jamil</i>	109
<b>CHAPTER 18: CONCLUSION</b> <i>Tan Tse Guan, Fairuladilan Hamadun, and Suria Baba</i>	115
Indexs	117
Editors' Biographies	121

# **TRANSFORMATIVE TEACHING PRACTICES “APPROACH AND PROCESS OF LEARNING: EVERYTHING IS A LEARNING OPPORTUNITY”**

## **Subject Area**

<SSS3074 Fieldwork Practice. It is a compulsory courses offer to undergraduate students (Third Year) in Social Work Studies Program, Faculty of Social Sciences and Humanities, Universiti Malaysia Sarawak (UNIMAS). This course also listed under Service/Community Based Learning (SBL). In this course, the students are required to do once weekly placement at their respective assigned agencies and to attend twice weekly discussion groups on campus (for one semester). The twice weekly discussion groups on campus and all graded assignments are designed to consolidate the students' learning by integrating their experience gained from placement with the knowledge gained from other social work courses. *e-Learning Enrichment and Advancement Platform (eLEAP)* is as a *e-platform* for disseminating and updating information, sharing, medium of communication/chat groups, feedbacks, reflections and incorporated with their oral presentation and written assignments.>

## **Researchers**

<Dr Dolly Paul Carlo>

## **Issues**

<Learning is becoming an active process of discovery and participation based on self-motivation rather than on more passive acquaintance of facts and rules (Sfard, 1998). According Milra (2013) emerging trends in education are increasingly moving towards learner-centered approaches. The role of the educators or teachers are becoming more as a mentor or facilitator in guiding, facilitating and playing an crucial role in the process of learning (Milrad, 2013).

In addition the approach and meaning of teaching and learning is not just in classroom but incorporated and integrated holistically within the online or offline classroom and real world setting, with engagement and interactivity. The process of teaching and learning is about collaborative interactions as an essential element of any pedagogy which anticipate that good learning is collaborative and that understanding comes through modeling, participation in, and reaction to the behaviors and thoughts of others” (Pawan, F., Paulus, T. M., Yalcin, S., & Chang, Ching-Fen, 2003, p.119). As Pradono, S., Astriani, M. S., and Moniaga, J. (2013) have emphasized that learning methods play an important role and receive special attentions in our life.



## **Innovation / Intervention**

< In intervening the transformative teaching practice which emphasising on approach and process of learning where everything is learning opportunity for the learners through this course, the students are required to do once weekly placement at their respective assigned agencies and to attend twice weekly discussion groups on campus (for one semester). The twice weekly discussion groups on campus and all graded assignments are designed to consolidate the students' learning by integrating their experience gained from placement with the knowledge gained from other social work courses.

Once weekly fieldwork placement at related government agencies and Non-Government Organizations (NGOs) is the real lab or world to exposure the learners with involvement with works and activities related to social work and supervised by their respective supervisors. Some of activities in their fieldwork such as doing case work, group work, community work, attending Children Court Hearing, Home Visit, involved in project runs by the agencies or their own project such as Service Learning Malaysia University For Society (SULAM) project. The attachment at the various agencies as an exposure for them to develop and apply their assessment skills, practice social work values, skills and knowledge into their practice. The placement gives students the opportunity for direct contact and engage with real clients/service users, at a level that commensurate with the students' abilities and the time-frame of their placement.

Twice weekly discussion either through physically face to face in the class room or online through e-platform (in particular during the pandemic COVID-19) are the medium for discussion, presentation, questions and answers, presenting case study, group work, which emphasizing to integrate the process of thinking creatively in problem-solving. This twice weekly discussion has provide a platform for learners to critically analyze and reflect knowledge, values and skills in social work practice, developing open, respectful and trustful communication, and working in a team.

*e*-Learning Enrichment and Advancement Platform (*e*LEAP) is as a e-platform for disseminating and updating information, sharing, medium of communication/chat groups, feedbacks, reflections and incorporated with their oral presentation and written assignments. The assessments are geared to the Learning Outcomes (CLOs) of the course. As there is no examinations the assessments are based on their performances during fieldwork which are assessed by their respective field supervisors, project or case study, and oral presentation either individual or in a group.

As Pradono et al. (2013) emphasise that 'interactive' appears in two distinct strands of educational research discourse: one concerning pedagogy and the other concerning new technologies in education. For them, teaching students with traditional method where there is only one way of communication is no longer effective. The approach and process of learning in this intervention emphasises an

active learning in which “instructional activities involving learners in doing things and thinking about what they are doing” (Bonwell & Eison, 1991). The approach and process of learning is promoting active learning focuses more on developing learners’ skills than on transmitting information and require students to do something which it requires higher order of thinking. The approach and process is emphasising learners’ explorations of their own attitudes and values in particular in the context of social work values and ethics. Specific attention will be given to help students to develop their assessment skills, practice of social work values, applying theory in practice, and self-awareness in doing social work.

Therefore, the approach of teaching and learning in this course is incorporated and integrated holistically within the online or offline classroom and real world setting in which everything is a learning opportunity for the students and to improve learning outcomes through increased engagement and interactivity. It is one of transformative teaching practices, which provide learning opportunity for them on a journey to professional social work. The process of teaching and learning are designed to increase interactive engagement and interactivity.>

## **Description of Approach**

< SSS3074 Fieldwork Practice. It is a compulsory courses offer to undergraduate students (Third Year) in Social Work Studies Program, Faculty of Social Sciences and Humanities, UNIMAS. The students are required to do once weekly placement at their respective assigned agencies and to attend twice weekly discussion groups on campus (for one semester). The placement gives students the opportunity for direct contact with clients/target group, at a level that commensurate with the students’ abilities and the time-frame of their placements. The twice weekly discussion groups on campus and all graded assignments are designed to consolidate the students’ learning by integrating their experience gained from placement with the knowledge gained from other social work courses. Specific attention is given to help students develop their assessment skills, practice of social work values, applying theory in practice, and self-awareness in doing social work. *e-Learning Enrichment and Advancement Platform (eLEAP)* is as a *e-platform* for disseminating and updating information, sharing, medium of communication/chat groups, feedbacks, reflections and incorporated with their written assignments. The approach of teaching and learning is incorporated and integrated holistically within the online or offline classroom and real world setting in which everything is a learning opportunity for the students and improve learning outcomes through increased engagement and interactivity. It is one of transformative teaching practices, which provide learning opportunity for them on a journey to professional social work. In short, incorporated and integrated holistically transformative teaching practices with emphasizing on engagement and interactivity will provide the approach and process of learning where everything is a learning opportunity for the learners.>

## **Related Learning Outcome Clusters MQF 2.0**

All the Learning Outcomes (CLOs) in the course are designed to integrate and collaborate related to the learning outcome of Clusters MQF 2.0. CLO1 of the course is related to MOF5 which emphasising on ethics and values in the context of social work field which specific attention to help students develop their assessment skills, practice of social work values, applying theory in practice, and self-awareness in doing social work. In addition, in exercising their professional skills and responsibilities as a social worker: integrity, professional conduct (professionalism), and standards of conduct such as codes of good practices or code of professional conduct.

CLO 2 of the course is related to MQF4A: Personal skills, which emphasising on personal skills of the learners are expected to use in their fieldwork attachment and or even with their course mates for examples developing open, respectful and trustful communication, and working in a team. On top of that, aspects of character such as honesty, punctuality, time management, keeping to and maintaining deadlines that are important in a work environment are also important are emphasized through this CLO.

CLO3 of the course which is related to MQF3A: Practical skills, which exposing the learners with involvement with works and activities related to social work skills (such as communication, assessment, recording, reporting a case work) and professional practice to enhance professional competence and supervised by their respective supervisors.

CLO 4 of the course is related to MOF2: Cognitive skills, which emphasising on thinking or intellectual capabilities and the learners' abilities to apply knowledge and skills in social work. Specific attention to help learners in reflecting their self-awareness in doing social work and relating between theory and practice.

## **Acknowledgement**

< Many thanks for the support of Universiti Malaysia Sarawak (UNIMAS), Centre for Applied Learning and Multimedia (CALM), UNIMAS, Social Work Studies Program, Faculty of Social Sciences and Humanities, UNIMAS, various governments agencies and NGOs have involved in this course.>

## **References**

Bonwell, C. C., and Eison, J.A. (1991). Active learning: creating excitement in the classroom. ASH#-ERIC Higher Education Report No. 1, Washington, D.C.: The George Washington University, School of Education and Human Development.

Pawan, F., Paulus, T. M., Yalcin, S., & Chang, Ching-Fen. (2003). Online

Learning: Patterns of Engagement and Interaction Among In-Service Teachers. *Language Learning & Technology*, 7 (3), 119-140. <http://lt.msu.edu/vol7num3/pawan/>

Pradono, S., Astriani, M. S., & Moniaga, J. (2013). A Method for Interactive Learning. *International Journal of Communication & Information Technology (CommIT)*, 7 (2), 46-48. <http://msi.binus.ac.id/commit/>

Milrad, M. (2013). Designing an Interactive Learning Environment to Support Children's Understanding in Complex Domains. (PDF) [Designing an Interactive Learning Environment to Support Children's Understanding in Complex Domains \(researchgate.net\)](#)

Sfard, A. (1998). On two metaphors for learning and the dangers of choosing just one. *Educational Research*, 27(2), 4-12.

## **Keywords**

<Approach, discussion groups, engagement, interactivity, learning opportunity, online or offline classroom, real world setting, transformative teaching practices, weekly placement,>

## Biodata of the Writers



Dr Dolly Paul Carlo & Senior Lecturer  
Social Work Programm Studies, Faculty of Social  
Sciences & Humanities & Universiti Malaysia  
Sarawak

He is a senior lecturer in Social Work Studies  
Programme, Faculty of Social Sciences and  
Humanities, Universiti Malaysia Sarawak (UNIMAS).  
Before joining academia in 2002, he was a practitioner  
senior social worker. His expertise is in social work and  
area of studies are assessment in social work, school  
social work, children and family, marginalized and  
minority's groups/community.