1st ONLINE TEACHING
ENHANCEMENT AND LEARNING
INNOVATION CARNIVAL (eTeLIC)
BOOK SERIES

ECLECTICNOUS APPROACH IN LEARNING

Editors:
MHD HAFIZ KARAMI MHD ZAIN
MOHAMMAD AFFIQ KAMARUL AZLAN

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 : ECLECTICNOUS APPROACH IN LEARNING / EDITORS MHD HAFIZ KARAMI MHD ZAIN, MOHAMMAD AFIQ KAMARUL AZLAN.
ISBN 978-967-2912-75-0
1. Educational innovations--Malaysia.
2. Web-based instruction--Malaysia.
3. Educational technology--Malaysia.
4. Government publications--Malaysia.
5. Electronic books.
I. Mhd Hafiz Karami Mhd Zain, 1986-.
II. Mohammad Afiq Kamarul Azlan, 1988-.
III. Title.
370.9595

Executive Producer: Azman Hashim. Copy Editor: Amirul Firdaus Zilah, Raihana Sulaiman. Acquisition Editor: Siti Asma Mohd Rozid. Art Director: Yusroyka Karim. Designer: Fatinah Ilias. Technical Assistant: Mohd Suhairi Mohamad.

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:
Percetakan Mesbah Sdn Bhd
No. 11, 13, & 15, Jalan Tun Perak 6,
Taman Tun Perak, 43200 Cheras,
Selangor Darul Ehsan

TABLE OF CONTENT

List Of Contributors ix

List Of Figures xv

List Of Tables xxi

List Of Abbreviations xxiii

Preface xxvii

Acknowledgement xxix

Chapter 1: INTRODUCTION 1
Mhd Hafiz Karami Mhd Zain and Mohammad Affiq Kamarul Azlan

Chapter 2: ONLINE TEACHING PROCESS 9
Syarifah Bahiyah Rahayu, Afiqah M. Azahari, Sharifah Aishah Binti Syed Ali, Fazilatulaili Binti Ali

Chapter 3: TELEGRAM AS A TEACHING AID FOR SUPPORTING MOBILE TEACHING AND LEARNING 15
Nurashikin Suhaili

Chapter 4: ROAD TO F.R.C: IMPLEMENTATION OF 'JOB INTERVIEW APPROACH' AS HIEPS COLLABORATIVE LEARNING STRATEGY FOR MODERN MATERIALS TECHNOLOGY'S LECTURE 21
Pao Ter Teo, Mohamad Najmi Masri, Mardawani Mohamad, Nor Hakimin Abdullah, Arlina Ali, Tse Guan Tan, Noor Azlina Ibrahim, Sarizam Mamat, Mahani Yusoff and Siti Koriah Zakaria

Chapter 5: E-TEACHING AND E-LEARNING INNOVATION: IC PACKAGING 27
Hasliza Hassan

Chapter 6: APPLICATION OF WEBLOG AS THE DIGITAL EXPERIMENTAL LOGBOOK (E-PORTFOLIO) FOR SCIENCE AND TECHNOLOGY STUDENTS 33
Nor Hakimin Abdullah, Pao Ter Teo, Sarizam Mamat and Mazlan Mohamed

Chapter 7: COMPLIANCE WITH THE ARCHITECTURAL DESIGN PROCESS IN THE STUDIO USING 'DESIGN CANVAS' 39
Siti Aisyah Muhammad and Muhammad Rizal Khairuddin

Chapter 8: IMPLEMENTATION OF COOPERATIVE LEARNING STRATEGY IN SYSTEM MODELLING AND ANALYSIS COURSE 49
Fatimah Sham Ismail and Nurul Adilla Mohd Subha

Chapter 9: THE HISTORICAL TRAIL OF HIKAYAT PELAYARAN ABDULLAH DI KELANTAN USING THE ADAPTATION MODEL 57
Sudirman Kiffli, Nordiana Ab Jabar, Suraya Sukri, Siti Nur Anis Muhammad Apandi and Izati Nabila Marzuki

Chapter 10: CULTIVATING RESEARCH SKILLS AMONG UNDERGRADUATE: A RESEARCH METHODOLOGY TOOLKIT 65
Nor Mazlina Ghazali, Shahren Ahmad Zaidi Adruce, Fitri Suraya Mohamad, Hasbee Usop, Abd Halim Busari, Prashanth Talwar, Rusli Ahmad and Monica Simon

Chapter 11: CHEMISTREE: AUGMENTED REALITY APPROACH IN TEACHING AND LEARNING 73
Saiful Akramin Bin Mhd Nor and Noor Syuhadah Subki

Chapter 12: INTERACTIVE TEACHING AND LEARNING BY USING H5P WEB TOOL APPROACH 79
Hazrina Hasbolah, Nurul Azwa Mohamed Khadri, Syamsuriana Sidek and Yusrinadini Zahirah Md. Isa@Yusuff

Chapter 13: DRONE APPLICATION IN TOPOLOGY STUDY OF SITE ANALYSIS FOR LANDSCAPE ARCHITECTURE STUDIO COURSE 85
Wan Saiful Nizam Wan Mohamad, Khalilah Hassan, Mohammad Rusdi Mohd Nasir, Noorliyana Ramlee and Ramly Hasan

Chapter 14: PLANT IDENTIFICATION TAGGING SCHEME USING QR CODE: I-TREEPRENEUR 93
Khalilah Hassan, Wan Saiful Nizam Wan Mohamad, Ramly Hasan, Mohammad Rusdi Mohd Nasir, Nor Diyana Mustapa and Azrul Bahaluddin

Chapter 15: ARABIC-KAFA: AN AUGMENTED REALITY PLATFORM FOR TEACHING AND LEARNING ARABIC VOCABULARIES AT KAFA INSTITUTIONS 99
Ahmad Abdul Rahman, Mohd Akashah Mohamad Yusof, Wan Ab Aziz Wan Daud, Mohammad Taufiq Abdul Ghani, Kamarulzaman Abdul Ghani, Ahmad Zaki Amiruddin, Ahmed Thalal Hassan and Tan Tse Guan

Chapter 16: AUGMENTED REALITY APP CREATES EXCITEMENT IN THE RETAIL CLASS 105
Norfazlirda Hairani, Aimi Nadia Ibrahim@Zakaria, Hazriah Hasan, Mardhiah Kamaruddin and Nik Noorhazila Nik Mud

Chapter 17: AUGMENTED REALITY IN MEDICAL EDUCATION: FACULTY OF MEDICINE UNISZA EXPERIENCES 111
Mohd Faeiz Pauzi, Siti Norazlina Juhari, Salman Amiruddin and Nurulhuda Mat Hassan

Chapter 18: A WEB APPLICATION DEVELOPED FOR SIMULATED ELECTRONIC HEALTH DOCUMENTATION BY NURSING STUDENTS IN UNIVERSITY MALAYSIA SARAWAK 121
Chan Kim Geok, Cheah Wai Siang, Greta Miranda Goh Kim Choo, Lee Shalin Wan Fei, Chai Li Sze and Ibi Gibreson Manggie

Chapter 19: A-SMART LU'BAH FOR THE TEACHING OF ARABIC LANGUAGE GRAMMAR FOR NON-SPEAKER 127
Saipolbarin Ramli, Mohammad Taufiq Abdul Ghani and Mohd Zawawi Awang Hamat

Chapter 20: AUGMENTED REALITY (AR) AS A FUN TEACHING AND LEARNING TOOL FOR ENVIRONMENTAL CLASS 135
Nurul Syazana Abdul Halim, Nor Shahirul Umirah Idris and Norrimi Rosaida Awang

Chapter 21: ARABIC4U: A WEB MOBILE APPLICATION FOR LEARNING ARABIC LANGUAGE 141
Ahmad Zaki Amiruddin, Zulazhan Ab Halim and Nurkhamimi Zainuddin

Chapter 22: NEW NORM OF INTRAPRENEUR: FROM CAMPUS TO eCAMPUS 147
Syamsuriana Sidek, Yusrinadini Zahirah Md. Isa@Yusuff, Nurul Azwa Mohamed Khadri & Hazrina Hasbolah

Chapter 23: INTERACTIVE APPROACH USING E-CAMPUS FOR SUSTAINABLE SCIENCE COURSES 155
Noor Syuhadah Subki

Chapter 24: INTRODUCTION TO MEDICAL GENETICS: INSTRUCTIONAL DESIGN MATTERS FOR E-LEARNING 159
Ashley Edward Roy A/L Soosay

Chapter 25: "EARTH LEARNING IDEA" WEBSITE AS INFORMATIVE PLATFORM FOR VIRTUAL LEARNING IN EARTH PROCESSES 165
Roniza Ismail and Wani Sofia Udin

Chapter 26: AN INNOVATIVE E-LEARNING FOR SCRIPT AND STORYBOARD SUBJECT USING MASSIVE ONLINE OPEN COURSE (MOOC) 171
Anuar Mohd Yusof, Nur Dini Hazri, Ruhil Hayati Hamdan, Nazahatul Anis Amaludin, Razman Hafifi Redzuan, Nooraziah Ahmad and Hanisa Hassan

Chapter 27: HYBRIDISATION OF GAMIFICATION WITH PROBLEM-BASED LEARNING (PBL) IN VETERINARY COURSES 181
Tan Li Peng, Ruhil Hayati Hamdan, Basripuzi Nurul Hayyan Hassan Basri and Tan Tse Guan

Chapter 28: MTASHEEL: A MOBILE ARABIC LANGUAGE LEARNING DURING COVID-19 187
Mohd Firdaus Yahaya, Zulazhan Ab Halim and Muhammad Sabri Sahrir

Chapter 29: IGQA: ANIMATED INFOGRAPHICS MODULE IN ARABIC GRAMMAR LEARNING 195
Mohd Fauzi Abdul Hamid, Zulazhan Ab Halim and Muhammad Sabri Sahrir

Chapter 30: CONCLUSION 205
Mhd Hafiz Karami Mhd Zain, Mohammad Affiq Kamarul Azlan

Index 209

Editors' Biographies 215