CONTENTS

Volume 12, Number 2, February 2022

A Predictive Model Implemented in KNIME Based on Learning Analytics for Timely Decision Making in Virtual Learning Environments ................................................................. 91

Benjamín Maraza-Quispe, Enrique Damián Valderrama-Chauca, Lenin Henry Cari-Mogrovejo, Jorge Milton Apaza-Huanca, and Jaime Sanchez-Ilabaca

Developing a Blended Learning Model in Islamic Religious Education to Improve Learning Outcomes ........ 100

Setiyawan Adhi, Dardiri Achmad, and Sofyan Herminarto

Usability Analysis and Clustering Model in e-Learning from the User Experience Perspective ................. 108

Fabiola Talavera-Mendoza, Carlos E. Atencio-Torres, Henry del Carpio, David A. Deza, and Alexander R. Cayro

Factors Affecting e-Learning Acceptance among Students: The Moderating Effect of Self-efficacy .......... 116

Muhammad Safuan Abdul Latip, Masliana Tamrin, Ismayaza Noh, Faizatul Akmal Rahim, and Siti Nur Nadhirah Abdul Latip

Based on VR Technology the Influence of School Organizational Innovation Atmosphere Artistic Creativity of University Students: Mediating Role of Flow Experience .................................................. 123

Wei-Ying Wang, Li-Chu Tien, and Yu-Qi Du

Augmented Reality (AR) Technology-Based Learning: The Effect on Physics Learning during the COVID-19 Pandemic ............................................................................................................... 132

Doni Ropawandi, Lilia Halim, and Hazrati Husnin

Learning Technologies among Academics in the United Arab Emirates: One Academic Year since COVID-19 ........................................................................................................................................ 141

Nada Shahin and Haneen Al Arfaj

Effectiveness of Virtual Laboratories in Science Education: A Meta-Analysis ............................................. 150

Marc Lancer Santos and Maricar Prudente

An AHP-Based Evaluation Method for Vocational Teacher’s Competency Standard .................................... 157

Dessy Seri Wahyuni, Ketut Agustini, and Gede Ariadi

Innovative Classroom Strategy: Impact on Students’ Mathematics Motivation, Anxiety and Achievement in Pre-University Studies ......................................................................................... 165

Farah Liyana Azizan, Nur Fazliana Rahim, Emmerline Shelda Siaw, Kartini Abd Ghani, and Saratha Sathasivam

A Concept Attainment Model Using Cloud-Based Mobile Learning to Enhance the Mathematical Conceptual Knowledge of Undergraduate Students ................................................................. 171

Anuchit Anupan and Benjamas Chimmalee