

Contents

1	Instructional Design for Training Programs	1
	Robert Maribe Branch	
2	Learning 3.0: Rhizomatic Implications for Blended Learning	9
	Johannes C. Cronje	
3	Technology, Society, and the Future	21
	Stephen W. Harmon	
4	Smart Learning Environments: Potential and Pitfalls	33
	J. Michael Spector	
5	Designing for Creativity in Interdisciplinary Learning Experiences	43
	Tonia A. Dousay	
6	The Importance of a Satisfaction Analysis in a Face-to-Face Tutorial: A Case Study at Universitas Terbuka	57
	Adhi Susilo and Deddy A. Suhardi	
7	Developing Online Course Material on Information Literacy: A Design-Based Research Approach	71
	Riche Cynthia Johan	
8	Effects of Role-Play for Problem-Solving Skills and Engagement in Online Forums	91
	Jackie Hee Young Kim	
9	Predicting Student's Re-enrollment in an Open and Distance Learning Environment	111
	Sugilar	
10	Problem-Solving Strategies Among Science Teachers in the State of Selangor, Malaysia	123
	Dorothy Dewitt, Norlidah Alias, Shalini Palraj, and Saedah Siraj	

11	Exploration of Students' Online Discussion Engagement in Statistics Collaborative Learning	143
	Yi-Chun Hong and Ming-Hung Kao	
12	The Effect of Listening to Radio News in Developing Students' Listening Comprehension Skills	157
	Lies Budyana, Ismet Basuki, Luthfiyah Nurlaela, Maya Ariesta Umboh, and Kusuma Nagari	
13	Instructional Design for the Computer Network Subject: A Balinese Culture-Based Learning Using Subak	165
	Ketut Agustini and Gede Indrawan	
14	A Scientific Approach for the Accelerated Preparation of Indonesian Senior High School Students: Development of Economics Tools and Teaching Materials	175
	Siti Nurjanah	
15	Improvement of Distance Learning Experiences and Materials Through Formative Evaluation	187
	Ratna Marta Dhewi and Rini Dwiyani Hadiwidjaja	
16	Developing a Project-Based Early Childhood Assessment Textbook	205
	Desak Putu Parmiti	
17	Discrepancy of Difficulty Level Based On Item Analysis and Test Developers' Judgment: Department of Biology at Universitas Terbuka, Indonesia	215
	Diki Diki and Eko Yuliastuti	
18	Role of the University Lecturer in an Online Learning Environment: An Analysis of Moodle Features Utilized in a Blended Learning Strategy	227
	Rijanto Purbojo	
19	The Effect of the Mathematical GASING Method and Spatial Intelligence on Science Achievement	245
	Sapiudin Fiun	
20	Analysis of Collaborative Learning in Filmed Role Play on Social Media: A Case of Hospitality Students	257
	Gemala Garibaldi	
21	Use of the Concept Mapping Strategy to Improve Academic Writing	273
	Benny Agus Pribadi	

22	Challenges and Solutions of Web-based Learning on Mobile Devices	287
	Tepati Hak Kewajiban, Mustaji, and Bachtiar S. Bachri	
23	Integrating the Values of Local Wisdom into the Learning Model: Building Positive Student Character	297
	Ni Nyoman Parwati, I Made Teguh, and I Made Mariawan	
24	The Influence of Competence and Self-Confidence on Elementary School Teacher Performance	309
	Mohamad Syarif Sumantri and Prayuningtyas Angger Wardhani	
	Author Index	321
	Subject Index	331

Educational Technology to Improve Quality and Access
on a Global Scale

Papers from the Educational Technology World
Conference (ETWC 2016)

Persichitte, K.; Suparman, A.; Spector, M. (Eds.)

2018, XIII, 339 p. 39 illus., 26 illus. in color., Hardcover

ISBN: 978-3-319-66226-8