# Table of Contents

## Application of Mobile Technologies in e-Learning

Student Engagement in the Use of Instant Messaging Communication in Flexible Education .......................................................... 1  
*Francis Yue*

Investigating Acceptance towards Mobile Learning in Higher Education Students ................................................................. 9  
*Kenneth Wong, Fu Lee Wang, Kwan Keung Ng, and Reggie Kwan*

An Adaptive Mobile Learning Application for Beginners to Learn Fundamental Japanese Language ........................................... 20  
*S.C. Ng, Andrew K.F. Lui, and Y.K. Wong*

A Mobile Application for Preparing the Driving Tests in Hong Kong ... 33  
*S.C. Ng, Andrew K.F. Lui, and S.W. Ng*

A Case Study on the Students’ Attitude and Acceptance of Mobile Learning ................................................................. 45  
*Simon K.S. Cheung*

## Technology Advancement in e-Learning Systems

Wearable Technology in Education: From Handheld to Hands-Free Learning ................................................................. 55  
*Daniyar Sapargaliyev*

A Parse Tree Based Computation Technique for Generating Comprehension Style Questions from Chinese Text ............... 61  
*Andrew K.F. Lui, S.C. Ng, and Yin-Chun Fung*

A Web-Based Computer-Aided Assessment Creation and Invigilation System ................................................................. 74  
*Jeff K.T. Tang, Hei-Chun Yeung, Yat-Fai Man, Kwok-Kwan Li, Tak-Lam Wong, Wai-Man Pang, and Wai-Shing Ho*

The Development of a Final Year Project Management System for Information Technology Programmes ....................... 86  
*Chun-Hang Leung, Chung-Lun Lai, Tsun-Kit Yuan, Wai-Man Pang, Jeff K.T. Tang, Wai-Shing Ho, and Tak-Lam Wong*
Design and Implementation of a Teacher-Guided Semi-automatic Assessment Feedback Generator ......................................................... 98  
  Wai-Shing Ho, Tak-Lam Wong, Wai-Man Pang, and Jeff K.T. Tang

PMS – A Simulation Game for Interactive Learning of Software Project Management ........................................................................ 104  
  Richard W.C. Lui, Hareton K.N. Leung, Vincent T.Y. Ng, and Philip T.Y. Lee

Innovations in e-Learning Pedagogy

A Study on Students’ Attitudes Towards Teacher’s Intervention in Statistical Computing Laboratory ................................................. 116  
  Ken W. Li and Merrilyn Goos

Applying “First Principles of Instruction” in a Blended Learning Course ....................................................................................... 127  
  Wing Sum Cheung and Khe Foon Hew

The Greater the Online Participation, the Better the Learning Achievement? A Study of Integrating Moodle into Learning .............. 136  
  Gary Cheng and Hin Leung Chui

Reconceptualizing a Creative and Specific Learning Environment by Using Web-Based Automated E-Quizzes as a Guiding Tools for Accountable Study Behaviour ........................................... 145  
  Alice M.L. Li

Reflective Practice with Digital Portfolio for Teacher Readiness and Maturation of Prospective Teacher within the TPACK Framework .... 156  
  Hin Leung Chui, Ho Kong Christopher Au-Yeung, and Gary Cheng

If You Comes* to Guangzhou: Pedagogical Implications of Typical Errors Committed by Students with Mainland Chinese Background as Revealed on an e-Learning Platform ........................................... 163  
  Sui Chi Kwan, Hoi Man Dorothy Chow, and Sin Ying Sharon Wong

Open Education and Institution e-Learning Policy

A Framework for Effectiveness of Institutional Policies on Technology-Enhanced Learning ......................................................... 175  
  Beryl Yuen-Yee Wong, Billy Tak-Ming Wong, and Sam Pang

Effectiveness of Technology Enhancement in Blended Learning: An Instrumental Perspective ................................................... 187  
  Kam Cheong Li, Helen Lam, and Terry Lee
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Media Education: Barriers and Critical Issues</td>
<td>199</td>
</tr>
<tr>
<td><em>Melani Au, Jeanne Lam, and Radar Chan</em></td>
<td></td>
</tr>
<tr>
<td>Computer Literacy and Use of Open Educational Resources: A Study of University Students in Hong Kong</td>
<td>206</td>
</tr>
<tr>
<td><em>Kam Cheong Li and Billy Tak-Ming Wong</em></td>
<td></td>
</tr>
<tr>
<td>A Thematic Analysis of the Blended Learning Experiences of Undergraduate Students in Hong Kong</td>
<td>215</td>
</tr>
<tr>
<td><em>Jeanne Lam</em></td>
<td></td>
</tr>
<tr>
<td><strong>Author Index</strong></td>
<td>225</td>
</tr>
</tbody>
</table>