

# International Journal of Information and Education Technology

## CONTENTS

---

---

### Volume 4, Number 4, August 2014

Social Learning Platforms and the Flipped Classroom.....	293
<i>Albin Wallace</i>	
Towards Massively Personal Education through Performance Evaluation Analytics.....	297
<i>Fernando Koch and Chaitanya Rao</i>	
Process Management for e-Learning Quality.....	302
<i>Rog ério Rossi and Pollyana Notargiacomo Mustaro</i>	
Development of an Educational Ontology for Java Programming (JLEO) with a Hybrid Methodology Derived from Conventional Software Engineering Process Models.....	308
<i>Santhosh John</i>	
Performance Analysis of Concurrency Control Mechanisms for OLTP Databases.....	313
<i>Samuel Kaspi and Sitalakshmi Venkatraman</i>	
Transcript Activities Report Management System Online.....	319
<i>Luxsanan Ploywattanawong and Jeerasak Phumcharoen</i>	
An Assessment Model for Security-Critical Enterprise Systems.....	323
<i>Bandar M. Alshammari</i>	
The Decision Support System for Hierarchical Portfolio Management.....	328
<i>Pradit Songsangyos</i>	
The Development of Low Cost Electronic Books for the Blind.....	332
<i>Adisorn Sirikham and Yuwadee Sae-Ear</i>	
Study of Browser Based Automated Test Tools WATIR and Selenium.....	336
<i>Nisha Gogna</i>	
Mobile Learning: A Topography and Research.....	340
<i>Simon W. W. So</i>	
Technology-Enhanced Learning Analytics System Design for Engineering Education.....	345
<i>Kushal Abhyankar and Subhashini Ganapathy</i>	
Collaborative Learning Using Integrated Groupware: A Case Study in a Higher Education Setting.....	351
<i>Mizuho Iinuma, Takashi Matsuhashi, Tagiru Nakamura, and Hiroaki Chiyokura</i>	
Digital Learning Impact Factors: Student Satisfaction and Performance in Online Courses.....	356
<i>Lou Chitkushev, Irena Vodenska, and Tanya Zlateva</i>	
Introduction of a New Software Package in Teaching Design Methodology for Material Selection.....	360

*A. Pramanik and M. N. Islam*

Engaging Diverse Student Cohorts: Did Someone Say Completely Online?.....364

*C. Moore and L. Signor*

A Collaborative e-Workspace for Digital Library of Malay Manuscripts.....368

*Zahidah Zulkifli*

To Explore the Effectiveness of Computer Games to Improve Junior Primary Students in Drawing.....373

*Chun Wai Andy Fan*

Simulations of Clinical Cases for Learning in e-Health.....378

*Nicola Corriero, Pierpaolo Di Bitonto, Teresa Roselli, Veronica Rossano, and Enrica Pesare*