

Table of Contents

Key Competencies for Educating ICT Professionals

Building Basic Competences for Culturally Diverse ICT Professionals	3
<i>Jaana Holvikivi</i>	
Project Management for IT Professionals: Education and Training Issues	12
<i>Angela Lecomber and Arthur Tatnall</i>	
A Working Model for Teacher Training in Computing through the Literacy from Scratch Project	25
<i>Lawrence Williams, Miroslava Černochová, G. Barbara Demo, and Sarah Younie</i>	
Questioning Two Myths in Computer Science Education	34
<i>Paolo Rocchi</i>	
Competencies and Work Practices for Dynamic Distributed Software Developiment in Global Value Networks	42
<i>Mikko Ruohonen, Marko Mäkipää, and Pekka Kamaja</i>	
Developing Enterprise Architecture Skills: A Developing Country Perspective	52
<i>Irja Shaanika and Tiko Iyamu</i>	
Analysis of Real-Life Working Processes, Competencies and Operational Fields for the Usage in Vocational IT Education - Results of an Empirical Study Based on Job Offers	62
<i>Simone Opel and Axel Wellesen</i>	
Learning Styles of Students at the Department of Computer Science – University of Potsdam	68
<i>Loay Talib Ahmed Al-Saffar</i>	
E-learning Maturity Model – Process-Oriented Assessment and Improvement of e-Learning in a Finnish University of Applied Sciences	76
<i>Ilkka Haukjärvi</i>	
Accounting Professor Competencies: Identification of Educational Elements in the Education Process of Accounting Professors in Distance Education	94
<i>Maria Ivanice Vendruscolo and Patricia Alejandra Behar</i>	

iPads in Education? A Participatory Design for Professional Learning with Mobile Technologies	106
<i>Keith Turvey</i>	
Breeding ICT Skills for the Industries: The South African Experience...	124
<i>Tiko Iyamu</i>	

Key Competencies, Learning and Life Transitions

Life Transitions, Learning and Digital Technologies –Common Threads and Conceptions	139
<i>Don Passey</i>	
Digital Skills and Motivation in Young People in Transition	150
<i>Colin Rogers</i>	
Digital Skills and Competencies in Schools	165
<i>Sue Cranmer</i>	
Digital Skills for Employment	178
<i>Denise Leahy and Diana Wilson</i>	
Using “Yams” for Enterprise Knowledge Sharing among Knowledge Workers from the Perspective of a Task Categorisation-Knowledge Sharing Systems Fit	190
<i>Tong-Ming Lim and Angela Siew-Hoong Lee</i>	

An Exploratory Study on the Use of Knowledge Management System and the Employees’ Perception on Organisational Knowledge Sharing and Reuse	205
<i>Angela Siew-Hoong Lee and Tong-Ming Lim</i>	

Digital Skills for Those in Transition – Where Next	219
<i>Don Passey</i>	

Key Competencies and School Management

Digital Storytelling and Key Skills: Problems and Opportunities	233
<i>Monica Banzato</i>	
Effect of Principals’ Technological Leadership on Teachers’ Attitude towards the Use of Educational Technologies	247
<i>Cevat Celep and Tijen Tülübaş</i>	
Creating Knowledge Sharing Culture via Social Network Sites at School: A Research Intended for Teachers	259
<i>Cevat Celep, Tuğba Konaklı, and Nur Kuyumcu</i>	

The Effect on School Operations of the Use of School Management Software in Victoria	265
<i>Christopher Tatnall and Arthur Tatnall</i>	
An Information Service to Act in Binomial 'Monitoring-Improvement' of Educational Performance in Portugal: Three Focus Group Studies to Explore the Concept	278
<i>Antonio Castro and Delfina Soares</i>	
Educational Stakeholders and Key Competencies	
Key ICT Competencies within the European Higher Education Area	291
<i>Javier Osorio and Julia Nieves</i>	
Learner Differences in the Online Context: Introducing a New Method	306
<i>Arne Hendrik Schulz and Debora Jeske</i>	
Online Free School Meals as a Cloud-Based Solution: Three Case Studies of Its Use in England	318
<i>Alan Strickley</i>	
A National Single Indicator for Schools in England: Helping Parents Make Informed Decisions	331
<i>Alan Strickley, John Bertram, Dave Chapman, Michael Hart, Roy Hicks, Derek Kennedy, and Mark Phillips</i>	
Author Index	347