# Table of Contents

Preface .................................................................................................................................................. xviii

Acknowledgment .......................................................................................................................... xx

Chapter 1
Factors Influencing E-Commerce Growth: A Comparative Study of Central Asian Transition Economies ................................................................................................................................. 1

*Farhod P. Karimov, Vrije Universiteit Brussel, Belgium*

Chapter 2
Readiness to Adopt E-Business Among SMEs in Malaysia: Antecedents and Consequence .......... 18

*Malliga Marimuthu, Universiti Sains Malaysia, Malaysia*

*Azizah Omar, Universiti Sains Malaysia, Malaysia*

*T. Ramayah, Universiti Sains Malaysia, Malaysia*

*Osman Mohamad, Universiti Sains Malaysia, Malaysia*

Chapter 3
E-Commerce Training with Virtual Commerce Simulation ............................................................... 37

*Alper Özpınar, Istanbul Commerce University, Turkey*

*Erdem Yavuz, Istanbul Commerce University, Turkey*

Chapter 4
Trust in E-Commerce: Social Networks vs. Institutional Credibility ............................................. 44

*Fahri Unsal, Ithaca College, USA*

*Kurt Komaromi, Ithaca College, USA*

*G. Scott Erickson, Ithaca College, USA*

Chapter 5
Multi-Dimensional Factors Impacting on E-Government Adoption in Botswana, Mozambique, and Malawi ........................................................................................................................................ 58

*Kelvin Joseph Bwalya, University of Johannesburg, South Africa*

*Tanya Du Plessis, University of Johannesburg, South Africa*

*Chris Rensleigh, University of Johannesburg, South Africa*
Chapter 6
An Improved Dynavote E-Voting Protocol Implementation .......................................................... 72
  Abdulwasiu Kailani AbdulRahim, University of Agriculture, Nigeria
  Olusegun Folorunso, University of Agriculture, Nigeria
  Sushil K. Sharma, Ball State University, USA

Chapter 7
Determinants of E-Banking Among Bruneian Corporate Customers: An Application of Theory of
Planned Behavior .............................................................................................................................. 91
  Afzaal H. Seyal, Institute of Technology Brunei, Brunei

Chapter 8
Preventing Social Engineering and Espionage in Collaborative Knowledge Management Systems
(KMSs) .................................................................................................................................................. 108
  Oluwafemi S. Ogunseye, University of Agriculture, Nigeria
  Olusegun Folorunso, University of Agriculture, Nigeria
  Jeff Zhang, Ball State University, USA

Chapter 9
Innovation in Learning: Innovative Tools and Techniques for Learning ........................................ 117
  İbrahim Arpacı, Middle East Technical University, Turkey
  Tarkan Gürbüz, Middle East Technical University, Turkey

Chapter 10
Use of Virtual Classrooms in Online Learning Environments ...................................................... 126
  Salih Gümüş, Anadolu University, Turkey
  M. Recep Okur, Anadolu University, Turkey

Chapter 11
Intranet as a Quality Manual in Higher Education ......................................................................... 135
  Juha Kettunen, Turku University of Applied Sciences, Finland

Chapter 12
Future Developments of E-Modules: The Role of Interactive Tools and Multimedia in Teaching
European Studies Online .................................................................................................................... 147
  Alina Christova, Free University Brussels, Belgium

Chapter 13
The Effect of Online Collaboration Environment on Prospective Teachers’ Attitude and the Evaluation
of Their Opinions ................................................................................................................................. 154
  Nesrin Özsoy, Adnan Menderes University, Turkey
  Şerife Ak, Adnan Menderes University, Turkey
  Deniz Özen, Adnan Menderes University, Turkey
  Yusuf Yılmaz, Adnan Menderes University, Turkey
Chapter 14
Improving Students’ Computing Skills and Attitudes toward Learning via Web-Mediated Self-Regulated Learning with Feedback in an Online Problem-Solving Environment ............................ 162

Chia-Wen Tsai, Ming Chuan University, Taiwan
Pei-Di Shen, Ming Chuan University, Taiwan

Chapter 15
Understanding the Continued Usage Intention of Educators toward an e-Learning System .......... 180

A.K.M. Najmul Islam, University of Turku, Finland

Chapter 16
A Study on the Role of Open Education Faculty, the Leader of Distance Learning in Turkey, in Higher Education and its Educational-Social Dynamics ................................................................. 196

Togan Karataş, Marmara University, Turkey
Elif Kartal Karataş, Istanbul University, Turkey

Chapter 17
Measuring Lecturers’ Perception of Transition to E-Learning Systems and Digital Divide: A Case Study in School of Business Administration of Istanbul University .................................................. 209

Burcu Adıgüzel Mercangöz, Istanbul University, Turkey
Çiğdem Arıcıgil Çilan, Istanbul University, Turkey
M. Erdal Balaban, Istanbul University, Turkey

Chapter 18
Interactive Self-Assessment Questions within a Virtual Environment ........................................ 218

Chris Evans, Brunel University, UK
Luis Palacios, Brunel University, UK

Chapter 19
Supporting Online Collaborative Mathematical Exploration: Studying the Development of Collective Knowledge within Math-Towers ................................................................. 228

Geoffrey Roulet, Queen’s University, Canada

Compilation of References .................................................................................................................. 238

About the Contributors ....................................................................................................................... 268

Index.................................................................................................................................................. 274