Digital Transformation for the University of the Future

Fditor

Jay Liebowitz

Seton Hall University, USA



Contents

Foreword Preface by Jay Liebowitz About the Author List of Contributors		vii xiii xvii xix			
			Chapter 1	A Digital Transformation Pathway for Universities Susan Grajek and Betsy Reinitz	1
			Chapter 2	Sample Pathways and Persisting Challenges Along the Digital Transformation of Universities: Internal and External Influences Mark D. Juszczak and Katia Passerini	21
			Chapter 3	Digital Transformation for the Universities of the Future Maria Teresa Pereira, Marcela Acosta, and Manuel Araújo Salvador	41
Chapter 4	Universities of the Future Dušan Lesjak and Srečko Natek	61			
Chapter 5	E-Learning and Digital Game-Based Learning for Universities Naza Djafarova, Leonora Zefi, and Anastasia Dimitriadou	79			

Chapter 6	Virtual and Augmented Reality in Higher Education: A Bibliometric Analysis Mauricio Hincapié M., Alejandro Valencia-Arias, Christian Diaz, and Jorge Rentería V.	97
Chapter 7	Artificial Intelligence and Machine Learning in Education Yuhanis Yusof and Fathima Fajila	121
Chapter 8	Teaching and Learning in the University of the Future: Aligning Practice with Reality Viswa Viswanathan	143
Chapter 9	Entering the Learning Metaverse: Data-Driven Culture and Purpose-Driven Culture as Determinants of Sustainable Digital Transformation of the Universities for the Future Mateus Panizzon and Nilda Stecanela	161
Chapter 10	Intuition and Digital Trust in the Workplace: Exploring Decision-Making Styles Joanna Paliszkiewicz, Fatih Çetin, and Markus Launer	183
Chapter 11	Word Embeddings for Automatic Short Answer Grading Marko Putnikovic and Jelena Jovanovic	197
Chapter 12	Toward Semantically Enriched Information Management and Learning Management Environments Karsten Böhm	215
Index		237