

Contents

1. Digital Education: *The Education of 2021 and Beyond* 1
Edward Roy Krishnan
2. Data Analytics & Data Science *Vis-à-Vis* Social Informatics Practice—*A Trend Report* 17
P.K. Paul, P.S. Aithal, A. Bhumali, K.S. Tiwary, Ricardo Saavedra and B. Aremu
3. Data Science: A New Door 37
Anubhav Kumar, Teklay Gebregzabiher, Solomon Gebremeskel and Haile Misgna
4. Data Mining Techniques and Tools 55
Ariyam Welday
5. Internet of Things and CloudIoT: Applications, Challenges and Trends 75
Mesele Niguse Teka
6. A Scheme for Securing Data in Digital Age Using Cryptosystem 95
Bijoy Kumar Mandal, Saptarshi Roychowdhury and Anwesa Das
7. Programmable Logic Controllers 117
Mahder Girmay

8.	Agile Methodologies to Improve Healthcare Service Deliver	169
	<i>Shanu Verma, Rashmi Popli and Harish Kumar</i>	
9.	Detailed Study & Analysis of Cryptography Algorithms	195
	<i>Zelege Desalegn Woldemichael, Anubhav Kumar, Destalem Negusse and Abrhaley Teklay Haile</i>	
10.	New Technologies and Skills for Academic Lecturers with Successful E-Teaching Process: The context of Pandemics	217
	<i>Mustafa Kayyali</i>	
11.	Information Infrastructure: The Context of Meaning, Scope and Emergence—A Short Review	255
	<i>Sarmistha Chowdhury</i>	
12.	Introduction to Machine Learning: Advances and Challenges	271
	<i>Million Gebreegziabher</i>	
13.	Fog Computing and its Applications	291
	<i>Subhendu Chatterjee</i>	
14.	Green Cloud Computing : An Overview	313
	<i>Mahabubul Hoque</i>	

List of Peer Reviewers