Contents

P. Megaladevi

Knowledge engineering for industrial expert systems — 1

Saikat Samanta, Achyuth Sarkar, Charu Gupta, Aditi Sharma Machine learning integrated blockchain model for Industry 4.0 smart applications —— 13

Kudirat Abiola Adegoke, Akor P. Usman, Mohamed Bitagi
Prototyping the expectancy disconfirmation theory model for quality service
delivery in federal university libraries in Nigeria —— 26

Anagha Shenoy R, Bhoomika M, Annaiah H
Design of chatbot using natural language processing —— 60

Neeraj Bhanot, Parth Padalkar

Algorithm development based on an integrated approach for identifying cause and effect relationships between different factors —— 80

Shubhika Gaur, Vibha Maheshwari
Risk analysis and management in projects —— 96

Sanjive Saxena

Assessing and managing risks in smart computing applications — 122

Ria Rawal, Kartik Goel, Akshay Gulati, Shivang Sharma, Palak Girdhar, Charu Gupta, Prateek Agrawal

COVID-19 visualization and exploratory data analysis —— 145

A. Ilmudeen

Business intelligence and decision support systems: business applications in the modern information system era —— 156

Andualem Walelign Lale

Business intelligence implementation in different organizational setup evidence from reviewed literatures —— 173

Hazik Mohamed

Conceptualization of a modern digital-driven health-care management information system (HMIS) —— 187



VI --- Contents

Priyanka Jain, Ram Bhavsar, B. V. Pawar, N. K. Jain, Hemant Darbari, Virendrakumar C. Bhavsar

Knowledge engine for a Hindi text-to-scene generation system —— 201

Index --- 229