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Nota di contenuto	The Knowledge-Evolving Project: Fundamentals to a Complete Project Knowledge Management Discipline -- The Impact of Macroeconomic Factors on the Nifty Auto index -- Ensuring the Fourth Industrial Revolution's Connectivity Requirements in the UAE -- Enhancing Products Delivery through the application of a New Innovative Operating Model based on Hybrid Agile Methodology: Case Information Communication Technologies "ICT" Service Providers -- Successful Practices of Leadership on School Improvement: A Case Study in a Private School in Dubai -- Educating Learners with SEND in One Private Mainstream School in Dubai: Effectiveness and Challenges of Policy Implementation -- The Role of Lexical Cohesion in Improving Twelfth Graders Essay Writing Quality -- Examining Critical Thinking Skills Profile of High School Students in AP Chemistry Learning -- Moving from the Subject-Based Curriculum to the Skills-Based Curriculum in Abu Dhabi Schools: Does it lead to reform? A Theoretical Analysis & Case Study Paper in one of Abu Dhabi Private Schools -- The Education System in Post-Conflict Syria – Examining PIRLS as an Ideal

International Assessment Measure to Ensure the Quality of Students Achievements -- Using Nearpod to promote engagement in online ESL classes: A mixed-methods study in the context of higher education -- Investigating Emirati Students' Practices of Learning Block-Based Programming in an Online Learning Context: Evidence from a UAE National Program -- A Quantitative Study on The Impact of Online learning on Reading Comprehension Skills -- Exploring pedagogical approaches for online and on-campus teaching -- Simulation Study on The Effect of Courtyards Design on Natural Ventilation: The Case Study of a Beauty Centre in Germany -- A Sustainable Approach to Improve the Interior Design of Existing Space: The Case of the BUiD Main Lobby -- Summarizing a Twitter Feed using Weighted Frequency -- Preventive Maintenance Using Recycled Asphalt -- Structural Causes of Concrete Deterioration – Sulphate Attack.

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### Sommario/riassunto

This open access book presents selected contributions on a wide range of scientific and technological areas originating from the BUiD Doctoral Research Conference (BDRC 2022). It discusses the following topics: project management, macroeconomic factors, Fourth Industrial Revolution, agility, multiculturalism, diversity, inclusion, leadership, language, discourse analysis, curriculum, critical thinking, programming, online learning, and natural ventilation. The contributions reflect the multifaceted nature of the research in three academic disciplines, i.e., humanities, formal science, and applied science. This publication shares with its readers genuine research studies and reflections from practitioners on the current practice and understanding in the three academic disciplines. The significant findings of these studies have considerable educational, industrial, and economic implications.

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