Emerging Technology, Environment and Social Justice- A Sustainable Approach

Dr. Ankur Agrawal and Dr. Sadhana Tiwari



QTanalytics[®] Publishing Delhi, India 501 Rishabh Corporate Tower Karkardooma Community Center, Delhi-110092

https://www.gtanalytics.in/

Information on this title: https://doi.org/10.48001/978-81-966500-3-2

Book title: Emerging Technology, Environment and Social Justice- A Sustainable

Approach

ISBN: 978-81-966500-3-2

Editors: Dr. Ankur Agrawal and Dr. Sadhana Tiwari

Copy-editing & Typesetting: Shreya Chauhan and Isha Mittal

August 2024

© 2024, QTanalytics[®]. All rights reserved.

This publication is in copyright. The Publisher reserves all rights pertaining to this work, including but not limited to the rights of translation, reprinting, and the reuse of illustrations, as well as the rights to recitation, broadcasting, reproduction on microfilms, or in any other form, along with transmission or storage and retrieval of information, electronic adaptation, computer software, or through any current or future methodologies. The inclusion of general descriptive names, registered names, trademarks, service marks, etc., in this publication does not suggest that these names are not protected by the applicable laws and regulations, nor should they be considered available for general use without restriction.

Except as permitted under applicable law and the terms of relevant collective licensing agreements, no part of this publication may be reproduced without explicit written consent from QTanalytics[®].

QTanalytics does not accept responsibility for the persistence or accuracy of all the materials contained in this book. Content with the referred links for the website for this publication is not assured to be continually available, accurate or suitable.

About the Editors



Dr. Ankur Agrawal

Dr. Ankur Agrawal is currently working as Associate Professor at Sharda School of Business Studies, Sharda University, Greater Noida, India. He is a seasoned academician, consultant, corporate trainer, and researcher with over 20 years of experience in the field of business and finance. His expertise spans various domains, including Corporate Finance, Security Analysis, Investment Banking, Green Finance and Entrepreneurial Finance. Dr. Agrawal has conducted numerous training programs for various public and private sector companies on wealth management. Dr. Agrawal has participated in various national and international conferences on con-

temporary issues in finance and business. He has travelled internationally for various academic assignments, further contributing to his global perspective in the field.



Dr. Sadhana Tiwari

Dr. Sadhana Tiwari, an Associate Professor at GNIOT Institute of Management Studies in Greater Noida, holds a Doctorate in Management along with an MBA, M.Sc. in Mathematics, PGDFM, and Six Sigma Certification from MSME. With over 8 years of corporate experience at HDFC Bank Ltd. and more than a decade in academia, she specializes in Data Mining Techniques, Predictive Analytics, Artificial Intelligence in Business Environments, and Supply Chain Management. Futhermore, Dr. Tiwari has a robust portfolio of published research papers in various national and international journals and edited books. She has presented her work at

numerous national and international conferences and has conducted workshops focusing on data mining methods. She has also developed training content for probationary officers in Indian banks.

Preface

The modern business environment is dynamic and evolving swiftly, bringing new challenges and possibilities to the area of management. Achieving sustainable growth and being competitive in the face of globalisation, technological breakthroughs, shifting customer preferences, and shifting regulatory landscapes requires organisations to constantly innovate and adapt. According to this framework, understandings, models, and solutions for the complex issues that businesses worldwide confront are provided by modern management research. "Emerging Technology, Environment and Social Justice- A Sustainable Approach" an edited volume brings together a wide range of scholarly contributions from practitioners and specialists in the field with the goal of advancing management theory and practice via continuing discussion.

Every chapter provides insightful explanations, factual data, theoretical justifications, and useful conclusions drawn from thorough investigation and analysis. To shed light on urgent challenges and new trends in present era, the contributors use a range of tools, such as case studies, experiments, surveys, and literature reviews, in addition to quantitative and qualitative approaches. The book is organized to give a thorough review of current management research topics and advancements. It starts with chapters that delve into theoretical viewpoints and core concepts, giving readers a firm grasp of important frameworks and principles. The sections that follow concentrate on particular facets of management and provide in-depth evaluations of present issues, best practices and potential paths forward.

In our view, the book will be an invaluable tool for academics, learners, professionals and anybody else who wants to learn more about the complexities and dynamics of modern management. Our goal is to stimulate creativity, teamwork, and ongoing development in the management area by sharing the results of our advanced studies and encouraging multidisciplinary conversation. Our goal is that this book will work as an inspiration for more investigation, debate, and action to address the opportunities and problems influencing the future.

Dr. Ankur Agrawal Dr. Sadhana Tiwari

Acknowledgement

We would like to extend our heartfelt thanks to authors, publication team, publisher, reviewers who contributed to the successful completion of this edited volume. First and foremost, we are deeply grateful to the contributing authors whose insightful and thought-provoking chapters have made this book a valuable resource. Your expertise and willingness to share your knowledge have been instrumental in shaping the final product.

A special thanks goes to the reviewers who provided constructive feedback and valuable suggestions, ensuring the quality and rigor of the content. Your critical evaluations were essential in refining the chapters and enhancing the overall coherence of the book. We would also like to acknowledge the support and encouragement of our colleagues and friends, your unwavering support and patience during this process have been greatly appreciated. Your understanding and assistance were vital in navigating the challenges and ensuring the timely completion of this work.

Thank you all for your invaluable contributions and support.

Dr. Ankur Agrawal Dr. Sadhana Tiwari

Contents

About the	Editors	iii
Preface .		iv
Acknowled	gement	v
Contents		viii
Chapter 1:	Selection of Green Supplier Using Integrated Multi-Criteria Optimization Method: A Case Study of Plastic Extrusion and Vacuum Forming Company in India	1-18
	Introduction	2 4 5 8 14
Chapter 2:	Role of Green Innovations in Fostering Environmental Awareness and Technology: Data-Driven Analysis	
	Introduction	20 21 21 23 24 30 31
Chapter 3:	Impact of Social Media Marketing Activities on Purchase Intention of Customers of Organic Cosmetic Products	35_ /13

	Introduction and Review of Literature	36
	Objective	37
	Research methodology	37
	Data Analysis and Interpretation	38
	Conclusion	42
Chapter 4:	Future Perspectives and Challenges of Circular Economy	
Chapter 4.	and Sustainable Business Performance Management: A	
	Systematic Literature Review	1.60
	Systematic Literature neview49	1-00
	Introduction and Literature Review	45
	Research Design	48
	Information Sources Search Stage	49
	Results and Discussion	50
	Conclusion	56
Chanton E		00
Chapter 5	: An Empirical Study on Glass Ceiling Impact at Indi-	1 60
	vidual and Organizational Level	1-69
	Introduction	62
	Objective	62
	Conceptual Framework of the study	63
	Literature Review	63
	Research Methodology	65
	Data Analysis and Interpretation	65
	Conclusion	68
C1		00
Chapter 6	: Sustainability in the Workplace: Green HRM Practices	
	and Pro-Environmental Behaviour among Employees of	
	Public and Private Universities)-82
	Introduction	71
	Conceptual Framework	73
	Implementation of Green HRM Practices	76
	Discussion	77
	Conclusion	79
Chanton 7		10
Chapter 7:	Motivation and Determinants of Sustainable Investment	100
	Behaviour: The Perspective of Sustainability 83-	106
	Introduction	84
	Objectives	84
	Literature Review	85
	Research Methodology	90
	Data Analysis	91
		104

Chapter 8: Leveraging Diversity and Inclusion Initiatives on the Work Behavior of Employees in the Polymer Industry107-120
work behavior of Employees in the Folymer industry 107-126
Introduction
Objectives
Literature Review
Research Methodology
Data Analysis and Interpretation
Conclusion
Chapter 9: Fintech: Self Organizing Maps for Fraud Detection .121-148
Introduction
Literature Review
Method
Data Analysis
Findings and Arguments
Conclusion
Chapter 10: An Evaluation of Technology's Effect on Drivers of
Investor's Preferences for the Debt and Equity136-149
Introduction
v
Literature Review
Research Methodology
Result
Conclusion
Chapter 11: Disruption of Artificial Intelligence on Human Resource
Management: The Impact on Hiring Process
Introduction
Objectives
Research Methodology
Recruitment Process through Chatbots 156
Importance of Artificial Intelligence in HR 156
Conclusion
Chapter 12: Artificial Intelligence and Fintech: Catalysts for Financial Transformation
Introduction
Literature Survey
Discussion and Findings
Conclusion