

GREEN FINANCE

— AND — SUSTAINABLE BUSINESS DEVELOPMENT



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Green Finance and Sustainable Business Development



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Green Finance and Sustainable Business Development

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Preface

It gives us immense pleasure to present this edited volume, Green Finance and Sustainable Business Development, at a time when the global community is striving to balance economic progress with environmental responsibility and social well-being. Climate change, resource depletion, biodiversity loss, and increasing environmental risks have transformed sustainability from a voluntary corporate initiative into a strategic necessity for governments, businesses, financial institutions, and society at large.

The purpose of this book is to provide a comprehensive platform for academicians, researchers, industry professionals, policymakers, and research scholars to explore the emerging dimensions of green finance and sustainable business development. The chapters included in this volume examine a wide range of contemporary issues such as green investment, sustainable banking, ESG (Environmental, Social, and Governance) practices, corporate sustainability reporting, climate finance, renewable energy financing, circular economy, green entrepreneurship, financial innovations, sustainable supply chains, responsible business strategies, and digital technologies supporting sustainable development.

Over the past decade, the world has witnessed remarkable growth in sustainable finance. Green bonds, sustainability-linked loans, impact investing, ESG-focused investment funds, and climate finance have become major drivers of global economic transformation. Simultaneously, businesses are increasingly integrating sustainability into their strategic decision-making, recognizing that long-term competitiveness depends not only on financial performance but also on environmental stewardship and social responsibility. These developments have created unprecedented opportunities for interdisciplinary research, making this volume highly relevant to contemporary academic and professional discourse.

The chapters presented in this book are original scholarly contributions prepared by researchers from diverse academic institutions and professional backgrounds. Each contribution has been carefully reviewed to ensure academic quality, originality, and relevance to the central theme. Together, these chapters offer theoretical insights, empirical evidence, case studies, policy perspectives, and practical recommendations that will benefit students, educators, corporate leaders, financial professionals, and policymakers alike.

We express our heartfelt gratitude to all the authors who enthusiastically contributed their valuable research despite their demanding academic and professional commitments. Their dedication, scholarly excellence, and commitment to sustainability have made this publication possible. We also sincerely appreciate the reviewers for their constructive suggestions, which significantly enhanced the quality of the chapters.

Our sincere thanks are extended to Empyreal Publishing House for their professional support, guidance, and commitment in bringing this edited volume to publication. We also acknowledge the encouragement received from our colleagues, institutions, research scholars, and well-wishers throughout the preparation of this book.

We hope that Green Finance and Sustainable Business Development will serve as a valuable reference for researchers, postgraduate students, faculty members, policymakers, entrepreneurs, and practitioners working in the fields of finance, management, sustainability, environmental studies, economics, and public policy. More importantly, we hope this book will inspire further research, encourage sustainable business practices, and contribute meaningfully to the global transition toward a greener, more inclusive, and resilient economy.

Finally, we dedicate this volume to all researchers, innovators, educators, policymakers, entrepreneurs, and sustainability advocates whose continuous efforts are shaping a cleaner, greener, and more sustainable future for generations to come.

Editors

Dr. Bhuvnender Chaudhary
Dr. Prashant Kumar
Prof. Ningombam Jayanti

“The future belongs to those who recognize that economic prosperity, environmental sustainability, and social responsibility are not competing goals but complementary pillars of sustainable development.”

ABOUT THE EDITORS



Dr. Bhuvnender Chaudhary is a distinguished academician and education administrator with more than 15 years of experience in higher education, research, and academic leadership. He is currently serving as the Director of Phonics University, Roorkee, Uttarakhand, India, where he plays a pivotal role in promoting academic excellence, research innovation, and institutional development. Throughout his career, he has demonstrated a strong commitment to quality education, curriculum development, faculty mentoring, and fostering a research-oriented academic environment. His areas of interest include higher education, management, entrepreneurship, innovation, and interdisciplinary research.

Dr. Chaudhary has made significant scholarly contributions through the publication of more than 10 research papers in UGC-CARE-listed, ABDC-indexed, and peer-reviewed national and international journals. He has actively participated in and presented research at over 10 national and international conferences, seminars, and workshops, contributing to academic discourse across diverse disciplines. As a dedicated research supervisor, he has successfully guided three Ph.D. scholars to the successful completion of their doctoral research, while eight research scholars are currently pursuing their Ph.D. under his supervision. Through his leadership, research mentorship, and academic contributions, Dr. Chaudhary continues to inspire students and researchers while making a meaningful contribution to the advancement of higher education and scholarly research.



Dr. Prashant Kumar is an Assistant Professor and Head of the Department of Commerce at Phonics University, Roorkee, Uttarakhand, India. He has over five years of teaching and research experience in higher education and is currently associated with a Post-Doctoral Research Collaboration at Newcastle University, Singapore. He holds a Ph.D. in Commerce from Kalinga University, Chhattisgarh, and an M.Phil. in Commerce from Mahatma Gandhi Central University, Bihar, where he secured the distinction of University Topper. His research interests include Finance, Economics, Banking, International Business, Marketing, Business Statistics, Sustainable Finance, Green Finance, Financial Technology (FinTech), Artificial Intelligence, ESG, and Econometrics.

Dr. Kumar has published more than 35 research papers in Scopus-indexed, ABDC-listed, UGC-CARE, and peer-reviewed journals, edited nine ISBN-registered books, and contributed numerous book chapters with reputed national and international publishers. He serves as a Guest Editor for several international journals and has been granted 11 Indian Design Registrations (Design Patents) in the fields of artificial intelligence, digital commerce, finance, and education. He has also presented research at over 35 national and international conferences, seminars, and workshops, reflecting his continued commitment to academic excellence, interdisciplinary research, innovation, and the advancement of commerce and management education.



Prof. Ningombam Jayanti is the Dean of the School of Business Studies at Dhanamanjuri University, Manipur, with specialization in Accounting and Finance. She is an experienced academician with over 33 years of undergraduate teaching experience and 10 years of postgraduate teaching experience, making significant contributions to higher education and research.

Throughout her academic career, Prof. Jayanti has published 35 research papers, presented 30 papers at national and international conferences, authored 2 books, and contributed 5 book chapters. She has also delivered 3 invited talks as a resource person, reflecting her expertise and active engagement in academic and professional development.

As a research supervisor, Prof. Jayanti has successfully guided one Ph.D. scholar as the principal supervisor, two Ph.D. scholars as co-supervisor, and three M.Phil. scholars. Her extensive teaching, research, publication, and mentoring experience highlights her valuable contribution to the fields of Accounting and Finance.

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ABOUT THE BOOK

Green Finance and Sustainable Business Development is a multidisciplinary edited volume that brings together original scholarly contributions addressing the growing significance of sustainability in finance, business, economics, management, and public policy. As the global economy transitions toward environmentally responsible and socially inclusive development, the book explores how green finance, sustainable investment, ESG (Environmental, Social, and Governance) practices, financial innovation, digital transformation, entrepreneurship, and responsible business strategies can contribute to long-term economic resilience and sustainable growth. The chapters provide theoretical perspectives, empirical evidence, case studies, and policy recommendations, making the book a comprehensive resource for understanding the evolving landscape of sustainable business and finance.

The volume covers a wide range of contemporary themes, including sustainable banking, corporate sustainability reporting, green credit policies, FinTech, artificial intelligence in finance, climate finance, renewable energy investment, circular economy, digital commerce, MSME development, financial inclusion, responsible corporate governance, and sustainable development practices. Written by researchers and academicians experts from diverse disciplines, the book serves as a valuable reference for students, scholars, educators, policymakers, entrepreneurs, and professionals. By integrating academic research with practical insights, this book aims to encourage innovative thinking, evidence-based decision-making, and collaborative efforts toward building a greener, more inclusive, and sustainable future.



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