

# Preface

Green biocomposites have received attention from researchers and industries to develop biodegradable and sustainable products by using natural fibres, which possess outstanding degradable and sustainable properties. Green biocomposites-versatile materials are useful in future to help researchers, scientists and industries to understand the need of green biocomposites for utilization in development of different biodegradable and eco-friendly products. The design of biocomposites plays a crucial role to find its potentiality in different real-world applications. This book will elaborate the design of biocomposites and prospective applications with real examples. This sustainable material penetrates into the market segment and has significant potential in automotive, marine, aerospace, construction and building, wind energy and consumer goods, etc. The book contains extensive examples and real-world products that will be suitable for commercial market.

This book covered versatile topics such as details about green composites and cellulosic biocomposites as future material for versatile applications, design and fabrication of green biocomposites, conceptual design of biocomposites, green biocomposites, and polylactic acid green nanocomposites for automotive components, design of prosthetic leg socket from kenaf fibre based composites, green biocomposites for structural applications, biocomposites for packaging applications, biocomposite applications in acoustical comfort and noise control, bamboo, okra, and jute fibres for different applications.

We are very thankful to all authors who contributed book chapters and provided their valuable ideas and knowledge in this edited book. We attempt to gather all the scattered information of authors from diverse fields around the world (Malaysia, Jordan, USA, Turkey, India, Saudi Arabia, Bangladesh, Oman, and Sweden) in the areas of green composites and biocomposites and finally complete this venture in a fruitful way. We greatly appreciate contributors' commitment and their support to compile our ideas in reality.

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