

Zakriya G / Govindan

## Natural Fiber Composites

Manufacturing, Characterization and Testing

This book covers the use of accessible natural fibers towards the requirement and compatibility of industrial sustainability. Using natural characteristics of composites through technology and techniques, the inherent qualities of natural fibers are discussed in relation to the design of experiments. This book also elaborates on the durability of composites subjected to environmental conditions, biodegradability, environmental issues, product life cycle assessment and testing methods. - Offers detailed coverage of functional aspects of natural fiber composites along with applications - Discusses natural fiber inherent character based composite formation techniques - Reviews micro-mechanical and macro-mechanical properties and functional use of natural fiber reinforced composites - Content based on functional requirements selection and process consideration - Discusses product life cycle assessment and recycling techniques This book is aimed at researchers, students, industrialists, and fabricators of composites.

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