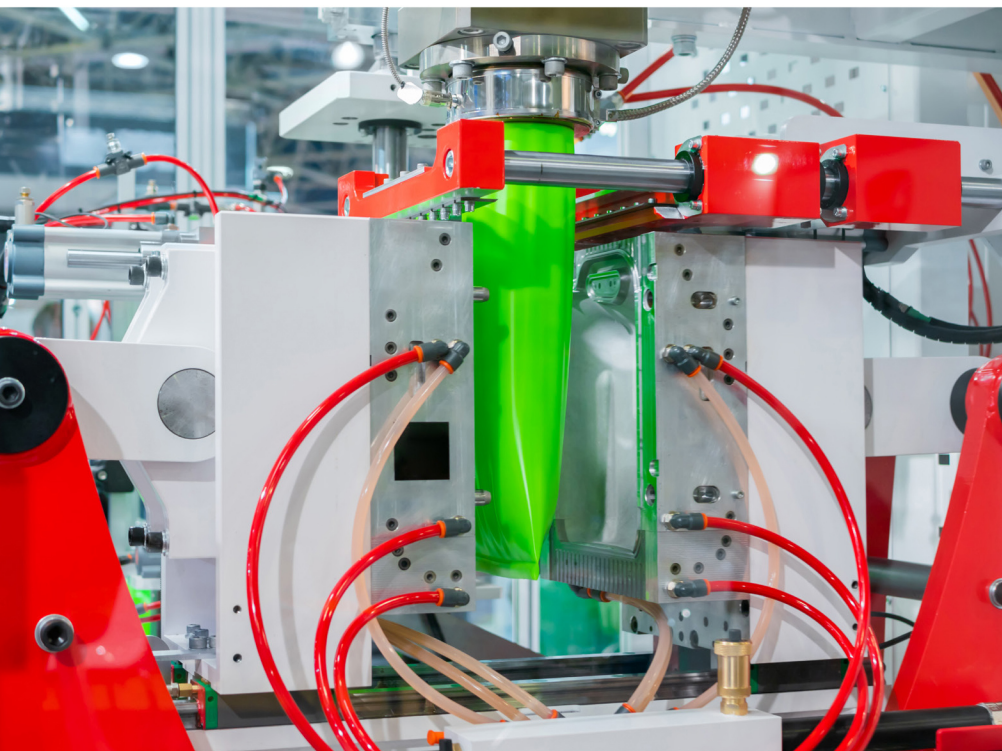


# Biodegradable Composites for Packaging Applications



Edited by  
Arbind Prasad  
Ashwani Kumar  
Kishor Kumar Gajrani

# Biodegradable Composites for Packaging Applications

*“Biodegradable Composites for Packaging Applications”* describes design, processing, and manufacturing of advanced biodegradable composites in packaging industry applications. It covers fundamentals of biodegradable polymers followed by introduction to biodegradable materials for food packaging industry and its processing mechanisms. Pertinent applications are explained across different chapters including intelligent packaging, applied technologies, degradation problems and its impact on environment and associated challenges.

## **Features**

Covers biodegradable composites and targeted applications in packaging for industrial applications.

Includes exhaustive processing and characterizations of biodegradable composites.

Discusses innovative commodities packaging applications.

Reviews advanced integrated design and fabrication problems for conductive and sensors applications.

Explores various properties and functionalities through extensive theoretical and experimental modeling.

This volume is aimed at researchers and graduate students in sustainable materials, composite technology, biodegradable plastics, and food technology and engineering.

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Arbind Prasad  
Ashwani Kumar  
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Kishor Kumar Gajrani



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*This book is dedicated to all Mechanical, Production,  
Manufacturing, and Materials Engineers.*

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