

# Handbook of Research on Green Engineering Techniques for Modern Manufacturing

Part of the Advances in Mechatronics and Mechanical Engineering Book Series

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## Description:

Green manufacturing has developed into an essential aspect of contemporary manufacturing practices, calling for environmentally friendly and sustainable techniques. Implementing successful green manufacturing processes not only improves business efficiency and competitiveness but also reduces harmful production in the environment.

The **Handbook of Research on Green Engineering Techniques for Modern Manufacturing** provides emerging perspectives on the theoretical and practical aspects of green industrial concepts, such as green supply chain management and reverse logistics, for the sustainable utilization of resources and applications within manufacturing and engineering. Featuring coverage on a broad range of topics such as additive manufacturing, integrated manufacturing systems, and machine materials, this publication is ideally designed for engineers, environmental professionals, researchers, academicians, managers, policymakers, and graduate-level students seeking current research on recent and sustainable practices in manufacturing processes.



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## Topics Covered:

- Additive Manufacturing
- Biomechanics
- Green Technology
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- Integrated Manufacturing System
- Kinematic Modelling
- Machine Materials
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- Remanufacturing
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