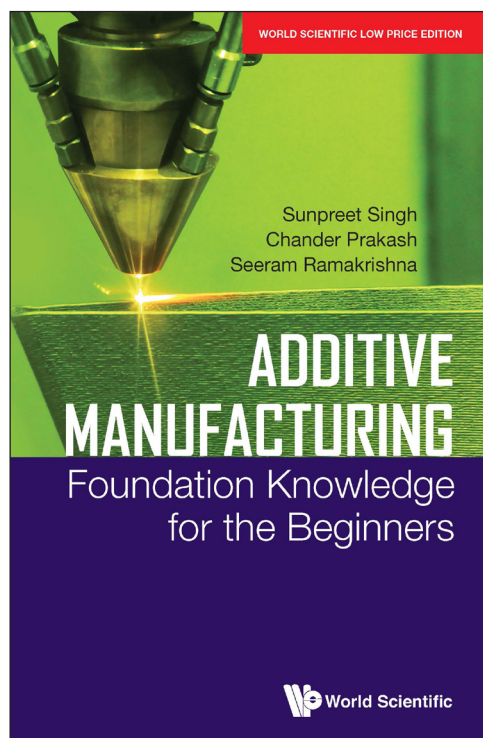


ADDITIVE MANUFACTURING: FOUNDATION KNOWLEDGE FOR THE BEGINNERS

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ABOUT THE BOOK

This book provides the key fundamental principles, classifications, recent developments, as well as different applications of additive manufacturing technologies. A comprehensive overview of the different classes is given, covering polymer-based, metal-based and ceramic-based systems. Special topics such as bioprinting and 4D printing are also introduced. The authors discuss the technological aspects of additive manufacturing in a very clear and understandable way, delivered with the help of self-illustrating artworks. This book is particularly designed to suit the curriculum requirements of undergraduate and graduate students enrolled in Mechanical Engineering, Material Science, Product Design and Development, Biomedical Engineering, Automobile and Aerospace Engineering, and other closely related domains. Manufacturing professionals working in similar fields may also wish to read it as a refresher and to catch up on recent advances.

READERSHIP

Undergraduate and graduate students enrolled in Mechanical Engineering, Material Science, Product Design and Development, Biomedical Engineering, Automobile and Aerospace Engineering. Manufacturing professionals working in mechanical, manufacturing, biomedical, aerospace, automobile, and other similar domains.

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CONTENTS

- *Introduction to Additive Manufacturing:*
 - History of AM
 - Principle of AM
 - Procedure of AM
 - AM Classification and Feedstock Materials
 - Commercial Market of AM
 - Applications of AM
- *Polymer-Based Additive Manufacturing System:*
 - Polymer
 - Polymer Feedstock
 - Polymer-Based AM systems
- *Metal-Based Additive Manufacturing System:*
 - Metals and Alloys
 - Metal Feedstock
 - Metal-Based AM Systems
- *Ceramic-Based Additive Manufacturing System:*
 - Ceramics
 - Ceramic Feedstock
 - Ceramic-Based AM Systems
 - Key Issues with Ceramic AM
- *Special Additive Manufacturing System:*
 - Concept of Purpose-Based AM
 - SP-AM Systems
- *Testing and Measurement:*
 - Importance of Testing and Measurement
 - Types of Testing
 - ASTM/ISO Standards for Additive Manufacturing
 - Laboratory Protocol

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