

Contents

Preface.....	vii
About the Editors	ix
List of Contributors.....	xi
Chapter 1	
Novel and Innovative Strategies for Food Packaging Processes.....	1
Sadaf Jan, Savita Bhardwaj, Tunisha Verma, Renu Bhardwaj, Dhriti Kapoor, and Rattandeep Singh	
Chapter 2	
Contaminants and Their Control Measures to Maintain Hygiene in Food Processing.....	17
Varsha Singh and Amit Wadehra	
Chapter 3	
Green Practices Initiative as a Sustainable Aspect for Food Industry	33
Deepika Puri and Bharat Kapoor	
Chapter 4	
Improving Food Processing Using Various Technologies in the Food Industry	45
Monika Thakur and Sayeeda Kousar Bhatti	
Chapter 5	
Functional Properties of Food Processing as a Novel Technology for Human Health and Nutrition	59
Ruby Angurana, Vaidehi Katoch, Tunisha Verma, and Savita Bhardwaj	
Chapter 6	
Food Processing Potential for Energy Efficiency and Use	79
Dhriti Sharma, Savita Bhardwaj, Tunisha Verma, Mamta Pujari, Rahul Singh, and Vandana Gautam	
Chapter 7	
Global Food Security and Effects of Various Environmental Constraints on Food Crops.....	95
Tunisha Verma, Sahima Tabasum, Savita Bhardwaj, Vandana Gautam, Bharat Kapoor, and Dhriti Kapoor	

Chapter 8
 Food Safety, Quality, and Policies 109

Ajay Rathore and Ambika Bhatia

Chapter 9
 Emerging Role of Nanotechnology in the Food Industry for Food
 Processing and Packaging..... 121

Nitika Kapoor

Index 145