

FOOD SCIENCE

The book aims at imparting basics of the subject besides the latest trends in the evolution of technologies and important industrial practices. Besides the technological aspects, adequate emphasis has also been laid on the quality aspects and adequate knowledge input required for a student or professional in Food Science and Technology.

The book contains 16 chapters addressing various important aspects such as unit operations, thermal processing, hurdle technology preservation, cold preservation, dehydration, freezing, and advanced thermal techniques such as infrared and microwaves besides non-thermal aspects such as high pressure and pulsed electric field processing as well as γ -irradiation. State-of-art subject areas such as functional foods could be an added flavour as the global food market has ample potential in the area of functional foods. Food packaging and food laws are important in commercializing processed foods as well as fresh produce and the areas require due emphasis to make the book more comprehensive.

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CONTENTS AT A GLANCE

Introduction to Food Science

A.S. Bawa, O.P. Chauhan and P.S. Raju

Unit Operations in Food Processing

M.C. Pandey

Thermal Processing of Foods

H.S. Ramaswamy

Hurdle Technology in Food Preservation

H.S. Vibhakara and P.S. Raju

Low Temperature Preservation of Foods

D.S. Sogi

Separation and Filtration Processes

D.C. Saxena

Dehydration of Foods

U.S. Shivhare, G.S.V. Raghavan, G. Ghoshal and S. Basu

Freezing Preservation of Foods

Alok Shah and O.P. Chauhan

Food Irradiation

K. Radhakrishna and K. Jayathilakan

Infrared and Microwave Processing of Food

G.K. Sharma, A.D. Semwal and D.K. Yadav

Minimal Processing of Fruits and Vegetables

P.S. Raju and O.P. Chauhan

Fermentation Preservation of Foods

K.V. Ramana

Packaging of Food Products

S. Nadanasabapathy and R. Kumar

Non-Thermal Methods of Food Preservation

O.P. Chauhan, P.S. Raju and A.S. Bawa

Functional Foods

Shalini Mishra, Alka Pandey and H.N. Mishra

Food Laws and Regulations

K.S. Premavall

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