Fruits & vegetables are an important nutritional requirement of human beings as these foods not only meet the quantitative needs to some extent but also supply vitamins & minerals which improve the quality of the diet & maintain health. Fruit, vegetables & oil seeds processing is one of the pillars of the food & edible oil industry. India is the second largest producer of both fruits and vegetables. Fruits and vegetables are the reservoir of vital nutrients. Being highly perishable, 20 to 40% of the total production of fruits and vegetables goes waste from the time of harvesting till they reach the consumers. It is, therefore, necessary to make them available for consumption throughout the year in processed or preserved form and to save the sizeable amount of losses. At present, about 2% of the total produce is processed in India mainly for domestic consumption. Fruits and vegetables have great potential for value addition and diversification to give a boost to food industry, create employment opportunities and give better returns to the farmers. Oil seeds also play an important role in the food sector & daily life. Edible oils constitute an important component of Indian households. Domestic edible oil consumption in India is increasing. Self sufficiency in edible oils today stands at in recent years, availabilities of non conventional oil, rice bran oil, soybean oil, palmolein oil and cottonseed have increased. Oils are essential components of all plants. However, commercial oil production facilities only utilize plants that accumulate large amounts of oil and are readily available In order to improve the nutritional status of the people & also to exploit the export potential of processed products there is need to increase the productivity of processed food in the country. Currently, India accounts for 7.0% of world oilseeds output; 7.0% of world oil meal production; 6.0% of world oil meal export; 6.0% of world veg. oil production; 14% of world veg. oil import; and 10 % of the world edible oil consumption.

Some of the fundamentals of the book are preservation of pineapple, mango and papaya chunks by hurdle technology, effect of boiling on beta-carotene content of forest green leafy vegetables consumed by tribals of south India, process development for production of pure apple juice in natural colour of choice, physical refining of rice bran and soybean oils, anti nutrients and protein digestibility of fababean and ricebean as affected by soaking, dehulling and germination, quality changes in banana (musa acuminata) wines on adding pectolase and passion fruit, essential oil composition of fresh and osmotically dehydrated galgal peels, development of cold grinding process, packaging and storage of cumin powder, bakery products and confections, etc.

This book deals completely on the basic principles & methodology of fruits, vegetables, corn & oilseed...
processing & its preservation. This will be very resourceful to readers especially to technocrats, engineers, upcoming entrepreneurs, scientists, food technologists etc.

Contents

CONTENTS

Chapter 1 : Preservation of Pineapple, Mango and Papaya Chunks by Hurdle Technology
Chapter 2 : Process Development for Production of Pure Apple Juice in Natural Colour of Choice
Chapter 3 : Anthocyanins from Indian Varieties of Grapes
Chapter 4 : Processing Effect on Colour and Vitamins of Green Leafy Vegetables
Chapter 5 : Dissipation of Alphametherin Residues in/on Brinjal and Tomato During Storage and Processing Conditions
Chapter 6 : Effect of Boiling on Beta-carotene Content of Forest Green Leafy Vegetables Consumed by Tribals of South India
Chapter 7 : Physical and Functional Properties of Mucilages from Yellow Mustard (Sinapis alba L.) and Different Varieties of Fenugreek (Trigonella foenum-graecum L.) Seeds
Chapter 8 : Quality Parameters of Selected Mango Cultivars
Chapter 9 : Effect of Stage of Apple Pomace Collection and the Treatment on the Physico-chemical and Sensory Qualities of Pomace Papad (Fruit cloth)
Chapter 10 : Physical Refining of Rice Bran and Soybean Oils
Chapter 11 : Physico-chemical Status of Major Milk Constituents and Minerals at Various Stages of Shrikhand Preparation
Chapter 12 : Studies on the Development of Instant 'Dahi Bhalla'-An Indian Traditional Snack Preparation
Chapter 13 : Quality Characteristics of Freeze Dried Indian White Squid (Loligo duvauceli Orbigny)
Chapter 14 : Antinutrients and Protein Digestibility of Fababean and Ricebean as Affected by Soaking, Dehulling and Germination
Chapter 15 : Nutritional Evaluation of Sorghum Flour on Supplementation with Whey Proteins
Chapter 16 : Nutritional Evaluation of Soy Fortified Biscuits
Chapter 17 : Functional Properties of Defatted Cashew Kernel Flour
Chapter 18 : Glucoamylase Production by Aspergillus Niger in Solid State Fermentation with Paddy Husk as Support
Chapter 19 : Effect of Storage on Physico-chemical & Nutritional Characteristics of Carrot-Beetroot and Carrot-Black Carrot Juice
Chapter 20 : Osmotic Dehydration Characteristics
of Button Mushrooms
Chapter 21 : Quality Changes in Banana (Musa acuminata) Wines on Adding Pectolase and Passion Fruit
Chapter 22 : Concentration of Clarified Orange Juice by Reverse Osmosis
Chapter 23 : Studies on the Volatiles of Cardamom (Elleteria cardamomum)
Chapter 24 : Effect of Level of Juice Extraction on Physico-chemical Characteristics and Bitterness of Heat Processed Kinnow Juice
Chapter 25 : Nutritive Value of Malted Flours of Finger Millet Genotypes and Their Use in the Preparation of Burfi
Chapter 26 : Effect of Storage on Rice Yield Recovery
Chapter 27 : Studies on the Processing and Evaluation of Instant Idli Mixes
Chapter 28 : Vermicelli Noodles and Their Quality Assessment
Chapter 29 : Composition and Functional Properties of Fermented Soybean Flour (Kinema)
Chapter 30 : Biscuit Making Quality of Advance Lines of Wheat in India
Chapter 31 : Effect of Incorporation of Defatted Soyflour on the Quality of Sweet Biscuits
Chapter 32 : Effect of Supplementation of Processed Maize Germ Cake on Nutritional Quality of Maize
Chapter 33 : Studies on the Stability of Some Edible Oils and Their Blends During Storage
Chapter 34 : Reversed-Phase HPLC of Methyl Esters of Fatty Acids in Soybean Oil
Chapter 35 : Functional Properties and Nutritive Composition of Maize (zea mays) as Affected by Heat Treatments
Chapter 36 : Effect of Non-enzymatic Browning on Quality of Lime Juice
Chapter 37 : Essential Oil Composition of Fresh and Osmotically Dehydrated Galgal Peels
Chapter 38 : Solar Drying of Coriander and Methi Leaves
Chapter 39 : Supercritical Co2 Extraction of Sesame Oil from Raw Seeds
Chapter 40 : Studies on Juice Extraction of Aonla (Emblica officinalis Gaertn.) cv. 'Chakaiya'
Chapter 41 : Anti-nutritional and Flatulence Factors at Various Stages of Vegetative Growth of Fenugreek (Trigonella Foenum Graecum L.) Leaves
Chapter 42 : Processing and Quality Evaluation of Banana (Musa acuminata) Cheese
Chapter 43 : Effect of Primary Processing on Microbial Load of Cauliflower and Fenugreek
Chapter 44 : Utilisation of Peel in Plantain Wine Production
Chapter 45 : Optimization of Processing Conditions for Cottage Scale Production of Hurum
Chapter 71: Microbiological and Biochemical Changes During Fermentation of Kanji
Chapter 72: Bakery Products and Confections
Chapter 73: Adverse Reactions to Food Additives and Colours
Chapter 74: Inhibitory Action of Cinnamon on Listeria Monocytogenes in Meat and Cheese
Chapter 75: Competitive Growth of Aeromonas Hydrophila in Meat
Chapter 76 Preliminary Physico-chemical and Microbial Evaluation of an Exudate from a Neem Tree (Azadirachta Indica Juss.) in Mysore, South India

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