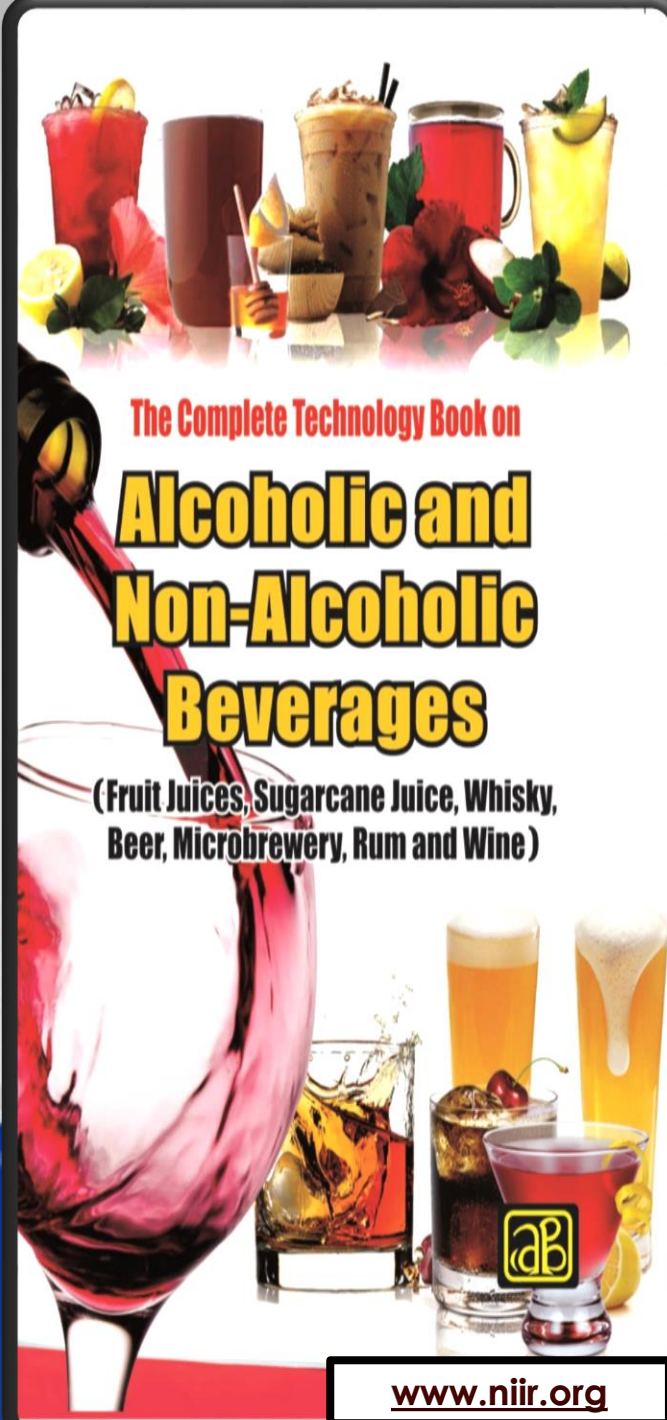


**The Complete Technology
Book on
Alcoholic and Non-
Alcoholic Beverages
(2nd Revised Edition)
(Fruit Juices, Sugarcane Juice,
Whisky, Beer, Microbrewery, Rum
and Wine)**



**The Complete Technology Book on
Alcoholic and
Non-Alcoholic
Beverages**

**(Fruit Juices, Sugarcane Juice, Whisky,
Beer, Microbrewery, Rum and Wine)**

Introduction

Alcoholic Beverage contains more than a minimal amount of ethyl alcohol or ethanol. They are classified into three general classes called beer, wine, and spirit. Non-Alcoholic Beverages are considered as the non-alcoholic version of alcoholic beverages. Non-alcoholic beverages include drinks that contains less than 0.5% alcohol. Changing tastes and preferences of consumers and inclination toward consumption of convenience food and beverages have led to the rise in demand for non-alcoholic beverages in the last few years.

Related Projects:- Alcoholic and Non-Alcoholic Beverages



At the most basic level, a beverage (a drink) is a type of liquid that you can consume for sustenance, energy or hydration. For hundreds of years, the idea of a beverage was likely restricted to water or milk and perhaps juice squeezed from fruits. Then came alcohol, wine, various teas, coffees, cocktails, cocoas, ciders, and sodas. The vast variety of beverages that we now have available to us means that we can satisfy our thirst or cravings in countless different ways.

Depending on the lifestyle or health profile you want to lead, you may lean more towards certain beverages than others, but before you make any decisions about the types of beverages you consume, you should know a few things about each of them, as well as their benefits or possible harmful effects.

Books:- [BOOKS & DATABASES](#)

A non-alcoholic beverage is a drink that contains no alcohol. In the US, a drink which contains less than 0.5% alcohol by volume is also termed as a non-alcoholic drink, such as low-alcohol beer and apple cider. From freshly squeezed orange juice to chemical-packed energy drinks to teas and coffees, the spectrum of non-alcoholic beverages is broad. Non-alcoholic beverages can be broadly categorized into soft drinks and hot drinks. Soft drinks are drinks which do not have alcohol such as carbonated drinks, tonic water, fruit punch, and sparkling water, among others. Hot drinks include popular beverages such as coffee and tea.

Market Research: - [Market Research Report](#)



- Water
- Milk
- Tea
- Coffee
- Soft drinks
- Juices
- Energy Drinks
- Mocktails
- Milkshakes
- Smoothies
- Cocoa
- Tonic Water

Projects:- Detailed Project Reports



An alcoholic beverage is any drink which contains ethyl alcohol or ethanol. They are broadly divided into three categories: beers, wines, and spirits (hard drinks).

- ❖ Beer
- ❖ Wine
- ❖ Cider
- ❖ Cocktails
- ❖ Hard Alcohol

Alcoholic Beverage contains more than a minimal amount of ethyl alcohol or ethanol. They are classified into three general classes called beer, wine, and spirit. Non-Alcoholic Beverages are considered as the non-alcoholic version of alcoholic beverages. Non-alcoholic beverages include drinks that contains less than 0.5% alcohol. Changing tastes and preferences of consumers and inclination toward consumption of convenience food and beverages have led to the rise in demand for non-alcoholic beverages in the last few years.

The global beverage market looks good with opportunities for alcoholic and non-alcoholic beverages. It is expected to reach in \$trillion and is forecast to grow at a CAGR of 3.0%. The major drivers for the growth of this market are growing urbanization, and disposable income. The non-alcoholic segment is expected to show above average growth. Consumer preferences, growing population, and health awareness are the major drivers.

Within global beverage industry, beer is expected to remain the largest segment by value. Acceptance of alcohol consumption by consumers, population base of the young generation, and increasing per capita income are the major driving forces that spur growth for this segment over the forecast period. The rapidly invading global culture is also ensuring a rising numbers of Beer Cafés and Microbreweries across the World.

Related books:- Alcohol And Alcohol Based Industries, Alcoholic And Non Alcoholic Beverages

List of Legal Documents Needed for a Beverage Production Business

The Beverage Manufacturing industry is a tight industry that requires adequate documents and hard work to flourish. List of some legal documents needed by a Beverage Manufacturing Business are;

Business license

Certificate of incorporation

Employment agreements

Federal license

State license

Local license

Proof of Insurance

Intellectual property protection right

Federal tax identification number

Market Scenario

The non-alcoholic beverages market consists of sales of beverages that do not contain any alcohol by entities (organizations, sole traders and partnerships) that produce beverages that do not contain any alcohol. The companies in the non-alcoholic beverages industry process raw materials into non-alcoholic beverages, package and distribute them through various distribution channels to both individual customers and commercial establishments. The non-alcoholic beverages market is segmented into coffee and tea and soft drink and ice.

Related Book: - The Complete Technology Book on Electroplating, Phosphating, Powder Coating and Metal Finishing (2nd Revised Edition)



The booming demand for functional beverages in order to supplement health without altering the taste is propelling the non-alcoholic beverage market. Increase in accessibility and regulations of non-alcoholic drinks globally is one of the key factors increasing the product preference leading to increased consumption. Whereas, the increasing health awareness and demand for nutrition-oriented products have affected the carbonated drinks market majorly. The global non-alcoholic beverages market has been segmented based on product types and distribution channel. Based on product type, the global non-alcoholic beverage market has been segmented into carbonated drinks and non-carbonated drinks. The carbonated drinks segment is further sub-segmented into cola, carbonated water, diet drinks, among others. The non-carbonated drinks segment is further sub-segmented into fruit juices, energy drinks, tea, coffee, and others.

Related books:- Alcohol And Alcohol Based Industries, Alcoholic And Non Alcoholic Beverages

The carbonated drinks segment dominated the global non-alcoholic beverage market due to the several strategies adopted by manufacturers such as product innovation. Demand for juices showed the fastest growth rate during the forecast period due to the rise in health awareness among consumers. In terms of distribution channel, the global non-alcoholic beverage market has been further segmented into online distribution channel and offline distribution channel. The offline distribution channel segment of the global non-alcoholic beverage market has been further sub-segmented into supermarkets and hyper markets, department stores, and convenient stores. The online distribution channel segment of the global non-alcoholic beverage market is estimated to expand at a significant growth rate during the forecast period due to easy convenience and wide range of options.

Related Projects:- [Alcoholic and Non-Alcoholic Beverages](#)

The growing demand for premium alcoholic beverages is considered to be one of the primary drivers for this market. Efforts by alcoholic beverage manufacturers for strengthening distribution channels and extension of purchase channels, such as online stores, and convenience stores, is also contributing substantially to the growth of the global alcoholic beverages market. Millennials consumers, particularly are running premium alcoholic beverage market. Product innovation and economic growth are drawing the consumers to go for expensive alcoholic beverages. New product launches and innovations in alcoholic drinks are favoring the growth of the industry.

Related Videos:- [Beverages, Fruit Juice, Alcohol, Wine, Whisky, Mineral Water, Packaged Drinking Water, Beer, Energy Drinks, Hard and Soft Drinks, Alcoholic](#)



The major contents of the book are Grape Juice Processing, Apple Juice, Tropical Fruit Juices, Chemistry and Technology of Citrus Juices and By Products, Beer, Whisky, Rum, Table Wines, Carbonation and Filling, Flavouring and Emulsions, Microbrewery, Manufacturing Process, Process Flow Diagrams, Addresses of Plant & Machinery Suppliers and Photographs of Machineries.

It will be a standard reference book for Professionals, Entrepreneurs, Agriculturists, Agriculture Universities, Food Technologists, those studying and researching in this important area and others interested in the field of Alcoholic and Non-Alcoholic Beverages Products Manufacturing.

Related Videos:- Beverages, Fruit Juice, Alcohol, Wine, Whisky, Mineral Water, Packaged Drinking Water, Beer, Energy Drinks, Hard and Soft Drinks, Alcoholic



The book will provide you comprehensive information to tap the opportunities available in the Beverages sector. It will be very resourceful to its readers who are just beginners in this field and also to upcoming entrepreneurs, engineers, professionals, existing industries, technologists others interested in the field of Alcoholic and Non-Alcoholic Beverages manufacturing.

Related Book: - The Complete Technology Book on Electroplating, Phosphating, Powder Coating and Metal Finishing (2nd Revised Edition)



About Us:

NIIR PROJECT CONSULTANCY SERVICES (NPCS), an ISO 9001:2015 company is one of the leading reliable names in industrial world for providing one of the most comprehensive suites of technical consulting services. We at NPCS are dedicated with passion and enthusiasm for helping young entrepreneurs is a real encouragement to proceed with a business start-up right from providing basic information to technology evaluation, sourcing and assimilation of Techno-Economic Feasibility Reports, Identification and Section of Plant /Process / Equipment, General Guidance, Technical and Commercial Counselling for setting up new industrial projects.

Market Research: - Market Research Report

For more information, please visit the official website of NIIR Project Consultancy Services that offers every bit of information about it.

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provide **Process Technology Book** on

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NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.

And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,

Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)

Contact us

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NIIR PROJECT CONSULTANCY SERVICES

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Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.

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What do we offer?

- *Project Identification*
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- *Market Research Reports*
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- *Turnkey Project Consultancy/Solutions*
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How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we Serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations

Sectors We Cover

- Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling

Sectors We Cover *Cont...*

- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct

Sectors We Cover *Cont...*

- Copper & Copper Based Projects
- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing

Sectors We Cover *Cont...*

- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitability Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries

Sectors We Cover

Cont...

- Infrastructure Projects
- Jute & Jute Based Products
- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.

Sectors We Cover *Cont...*

- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.

Sectors We Cover *Cont...*

- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals

Sectors We Cover *Cont...*

- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable

MARKET RESEARCH REPORTS

Objective

- ⌘ To get a detailed scenario of the industry along with its structure and classification
- ⌘ To provide a comprehensive analysis of the industry by covering aspects like:
 - ⌘ Growth drivers of the industry
 - ⌘ Latest market trends
 - ⌘ Insights on regulatory framework
 - ⌘ SWOT Analysis
 - ⌘ Demand-Supply Situation
 - ⌘ Foreign Trade
 - ⌘ Porters 5 Forces Analysis

Objective

- ⌘ To provide forecasts of key parameters which helps to anticipate the industry performance
- ⌘ To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- ⌘ To help an entrepreneur/manager in keeping abreast with the changes in the industry
- ⌘ To evaluate the competitive landscape of the industry by detailing:
 - ⌘ Key players with their market shares
 - ⌘ Financial comparison of present players

Clientele

- ⌘Venturist/Capitalists
- ⌘Entrepreneur/Companies
- ⌘Industry Researchers
- ⌘Investment Funds
- ⌘Foreign Investors, NRI's
- ⌘Project Consultants/Chartered Accountants
- ⌘Banks
- ⌘Corporates

[Click here for list](#)

Data Sources



Scope & Coverage



Our Team

⌘ Our research team comprises of experts from various financial fields:

⌘ MBA's

⌘ Industry Researchers

⌘ Financial Planners

⌘ Research veterans with decades of experience

Structure of the Report

- 1. Overview
- 2. Market Analysis
 - 2.1 Growth Drivers
 - 2.2 Emerging Trends in the Industry
 - 2.3 Regulatory Framework
 - 2.4 SWOT Analysis
 - 2.5 Herfindahl–Hirschman Index (HHI)
- 3. Market Forecasts
- 4. Key Players

Structure of the Report

Cont

- ❧5. Key Financials and Analysis
 - ❧5.1 Contact Information
 - ❧5.2 Key Financials
 - ❧5.3 Financial comparison
- ❧6. Industry Size & Outlook

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