Ethanol (Ethyl Alcohol) Manufacturing from Broken Rice, Maize & Wheat

Growing Industry to Start a Business
**Introduction**

**Ethanol** (ethyl alcohol, CH$_3$CH$_2$OH) is one of a group of chemical compounds (alcohols) with molecules that contain a hydroxyl group (OH) bonded to a carbon atom. Ethanol is produced through the fermentation of agricultural products such as sugarcane, corn, and manioc, among others. Most ethanol produced worldwide is from sugarcane, mainly in Brazil. In the United States, ethanol is made from corn.

An advantage of ethanol is that it are often extracted from crop waste giving two benefits. Firstly, the crop waste wouldn't be burned because it would are within the past, and secondly less fossil fuels would be utilized by cars. Similarly sugar cane are often grown especially for the ethanol it can generate since the carbon it releases when utilized in a car’s engine is carbon it adsorbed when it grew.
Ethanol, also called alcohol, ethyl alcohol and ethyl alcohol, could be a clear, colorless liquid and therefore the principle ingredient in *alcoholic* beverages like beer, wine or brandy. Because it can readily dissolve in water and other organic compounds, ethanol is also an ingredient during a range of products, from personal care and beauty products to paints and varnishes to fuel.

**Projects:** - [Project Reports & Profiles](#)
Uses of Ethanol

- Owing to its antibacterial and antifungal properties, ethanol (also known as ethyl alcohol) is used in many hand sanitizers and medical wipes.

- Ethanol is also used as an antiseptic and as a disinfectant.

- In cases of ethylene glycol poisoning or methyl alcohol poisoning, ethanol is often administered as an antidote.

- Several medications that are insoluble in water are often dissolved in ethanol. For example, ethanol (in concentrations ranging from 1% to 25%) is used as a solvent for some analgesics and mouthwashes.

Related Projects: - Alcohol Projects
Ethanol is the primary ingredient in many alcoholic drinks that are orally consumed for recreational purposes. It acts as a psychoactive drug by reducing anxiety and creating a feeling of euphoria in Humans. However, it also impairs cognitive and motor functions and acts as a central nervous system (CNS) depressant.

Ethanol is used industrially in the production of ethyl esters, acetic acid, diethyl ether, and ethyl amines.

This compound is widely used as a solvent due to its ability to dissolve both polar and nonpolar compounds.

Since it has a melting point of -114.10°C, ethanol is used as an ingredient in cooling baths in several laboratories. It also serves as the active fluid in many spirit thermometers.

**Related Books: - Alcohol and Alcohol Based Industries, Alcoholic and Non Alcoholic Beverages**
Applications

Industrial chemicals, aerosols, medical products, cosmetics, detergents, paints, solvents, etc.

- As a transport fuel to replace gasoline
- As a fuel for power generation by thermal combustion
- As a fuel for fuel cells by thermochemical reaction
- As a fuel in cogeneration systems
- As a feedstock in the chemicals industry

Market Research: - Market Research Report
Once ethanol is denatured it is no longer under Customs and Excise control. It is then widely used in numerous industrial applications. Typical examples are the manufacture of solvent based paints, printing inks, lacquer thinners, etc.

Manufacturing Process

The bioconversion of starch from the rice, maize, wheat grain into ethanol may be a two-step process. The primary step is scarification, where starch is converted into sugar using an amyl lytic microorganism or enzymes like glucoamylase and α-amylase. The second step is fermentation, where sugar is converted into ethanol using Saccharomyces Cerevisiae. The use of amyl lytic yeasts for the direct fermentation of starch is an alternate to the traditional multistage process which offers poor economic feasibility. Although there are over 150 amyl lytic yeast species, their industrial use is restricted because of their low ethanol tolerance.

Market Research: - Market Research Report
First grains are crushed and mashed with water. Boil for the scarification the filter to separate the available sugar. In second step, add the yeast for the fermentation, maintain for 4 days. Separate the produced ethanol by distillation in distillation tower. The distilled ethanol is dehydrated by the molecular dehydration system. The commercial enzymes, endoglucanases (NS50013 Product) and cello biases (NS 50010 Product) were provided by Novozymes S.A. The Saccharomyces Cerevisiae inoculums used was commercial grade (Baker’s yeast). Ethanol for use in alcoholic beverages, and the vast majority of ethanol for use as fuel, is produced by fermentation. When certain species of yeast (e.g., Saccharomyces Cerevisiae) metabolize sugar in reduced-oxygen conditions they produce ethanol and carbon dioxide. The chemical equations below summarize the conversion.

**Market Research:** - [Market Research Reports, India and Global Industry Analysis](#)
Fermentation is the process of culturing yeast under favorable thermal conditions to produce alcohol. This process is carried out at around 35–40°C (95–104°F). Toxicity of ethanol to yeast limits the ethanol concentration obtainable by brewing; higher concentrations, therefore, are usually obtained by fortification or distillation. The most ethanol-tolerant strains of yeast can survive up to approximately 18% ethanol by volume (Red Star Pasteur Champagne wine yeast, Lalvin EC-1118 wine yeast) and 20% or greater using "Turbo Yeast" as sold for spirit and fuel distillation.

Projects: - Project Reports & Profiles
Indian Market

India ethanol market is projected to grow from $2.50 billion in 2018 to $7.38 billion by 2024, exhibiting a CAGR of 14.50% during 2019-2024, on the back of increasing ethanol use in applications such as fuel additives and beverages. Ethanol is a prominent alcoholic beverage, mainly found in beer, cider, wine, spirits and ale. Indian government is trying to reduce its dependence on imported crude oil and incentivizing Indian sugar manufacturers to produce ethanol for Oil Marketing Companies. It is expected that ethanol production will increase by three to five folds in the future in order to meet the demand for its 20% Fuel Blending Program (FBP).

Books:- BOOKS & DATABASES
Factors such as increasing alcohol consumption and changing lifestyle along with growing influence of the western culture a Based on the source, the sugar and molasses-based segment are leading the ethanol market revenue share in India because the sale and production of ethanol is far more profitable over selling molasses because the primary product and also because of the coalescing and disinfectant properties. Moreover, the low-carbon fuel adoption would spur the growth of the sugar and molasses-based segment within the ethanol market. In terms of application, the beverage segment is holding a significant share within the ethanol market over the past few years in India.

**Related Project: - Ethanol From Broken Rice, Maize & Wheat**
Industrial methylated spirits derived by adding methanol to ethanol is used as a solvent in chemical industries and in domestic burners for household chores such as heating and cooking. However, consumption of ethanol including ethyl alcohol is lethal and induces sleep. These properties are anticipated to hinder market growth and pose challenges to industry partakers. India ethanol market has been categorized into sugar & molasses based ethanol, second generation (mixed grains) and grain-based ethanol. Supported application, the market has been segmented into industry solvent, fuel & fuel additive, beverages, disinfectant, personal care, and flavoring & fragrance. Supported purity, the market has been segmented into denatured and undenatured. Government’s emphasis on ethanol production from bio mass and solid waste is probably going to become a significant source of ethanol production in future. likely to drive the demand for ethanol in the country.

**Related Video:** - *Production of Denatured Ethanol.*
Global Ethanol Market

Extensive usage of ethanol in automotive industry as a fuel or fuel additive, is propelling the demand for ethanol in the global market. The ethanol market has witnessed a rapid growth over the past 10 years due to rapid funding for biofuel by the regulating bodies, since biofuel is considered as an eco-friendly alternative for gasoline. Further, ethanol is also responsible for reducing carcinogenic and particulate emissions by approximately 65% to 70%. However, rising raw material prices is one among the most important factors barring the growth of the ethanol market globally. This is often expected to make a shortfall of corn with high procurement costs, which is expected to possess a negative impact on the growth of the ethanol market.

Related Video: - Production of Ethanol from Molasses, Sugar Cane

Molasses based Ethanol Industry
However, the impact of this restraint is expected to remain medium throughout the forecast period because of the fluctuation within the production of raw materials. The market is expected to boost in Asia, Brazil and Europe due to the demand from the solvents and chemical intermediates sector. Countries such as Pakistan and Vietnam are coming up with competitive volume, aided by the demand within the market and further enhancing the market growth. The industrial ethanol market is driven by the rise within the personal care, cleaning products, and food and beverage sectors as they impact the market significantly.

**Related Project:** - [Ethanol From Broken Rice, Maize & Wheat](#)
Key Players:

- Ammana Bio Pharma Ltd.
- Ghaziabad Organics Ltd.
- India Glycols Ltd.
- Jeypore Sugar Co. Ltd.
- Piccadily Sugar & Allied Inds. Ltd.
- Shamanur Sugars Ltd
- Shree Renuka Sugars Ltd.
Machinery Photographs

GRAIN CRUSHING PLANT

FERMENTATION TANK
PACKING MACHINE

FILTER
## Project at a Glance

### COST OF PROJECT

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### Project at a Glance

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1. What is Ethanol (Ethyl Alcohol) Manufacturing industry?

2. How has the Ethanol (Ethyl Alcohol) Manufacturing industry performed so far and how will it perform in the coming years?

3. What is the Project Feasibility of Ethanol (Ethyl Alcohol) Manufacturing Plant?

4. What are the requirements of Working Capital for setting up Ethanol (Ethyl Alcohol) Manufacturing plant?
5. What is the structure of the Ethanol (Ethyl Alcohol) Manufacturing Business and who are the key/major players?

6. What is the total project cost for setting up Ethanol (Ethyl Alcohol) Manufacturing Business?

7. What are the operating costs for setting up Ethanol (Ethyl Alcohol) Manufacturing plant?

8. What are the machinery and equipment requirements for setting up Ethanol (Ethyl Alcohol) Manufacturing plant?
9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Ethanol (Ethyl Alcohol) Manufacturing plant?

10. What are the requirements of raw material for setting up Ethanol (Ethyl Alcohol) Manufacturing plant?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up Ethanol (Ethyl Alcohol) Manufacturing Business?

12. What is the Manufacturing Process of Ethanol (Ethyl Alcohol)?
13. What is the total size of land required for setting up Ethanol (Ethyl Alcohol) Manufacturing plant?

14. What will be the income and expenditures for Ethanol (Ethyl Alcohol) Manufacturing Business?

15. What are the Projected Balance Sheets of Ethanol (Ethyl Alcohol) Manufacturing plant?

16. What are the requirement of utilities and overheads for setting up Ethanol (Ethyl Alcohol) Manufacturing plant?

17. What is the Built up Area Requirement and cost for setting up Ethanol (Ethyl Alcohol) Manufacturing Business?
18. What are the Personnel (Manpower) Requirements for setting up Ethanol (Ethyl Alcohol) Manufacturing Business?

19. What are Statistics of Import & Export for Ethanol (Ethyl Alcohol)?

20. What is the time required to break-even of Ethanol (Ethyl Alcohol) Manufacturing Business?

21. What is the Break-Even Analysis of Ethanol (Ethyl Alcohol) Manufacturing plant?

22. What are the Project financials of Ethanol (Ethyl Alcohol) Manufacturing Business?

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23. What are the Profitability Ratios of Ethanol (Ethyl Alcohol) Manufacturing Project?

24. What is the Sensitivity Analysis-Price/Volume of Ethanol (Ethyl Alcohol) Manufacturing plant?

25. What are the Projected Pay-Back Period and IRR of Ethanol (Ethyl Alcohol) Manufacturing plant?

26. What is the Process Flow Sheet Diagram of Ethanol (Ethyl Alcohol) Manufacturing project?
27. What are the Market Opportunities for setting up Ethanol (Ethyl Alcohol) Manufacturing plant?

28. What is the Market Study and Assessment for setting up Ethanol (Ethyl Alcohol) Manufacturing Business?

29. What is the Plant Layout for setting up Ethanol (Ethyl Alcohol) Manufacturing Business?
1- PROJECT LOCATION
1.1. BALANGIR: DISTRICT PROFILE & GEOTECHNICAL SITE CHARACTERIZATION
1.1.1. General
1.1.2. History
1.1.3. Administration
1.1.4. Geography
1.1.5. Map
1.1.6. Economy
1.1.7. Minerals and Industries
1.1.8. Agriculture
1.1.9. Industry at a Glance
1.1.10. Education
1.1.11. Tourism & Health
1.1.12. Transportation

2. INTRODUCTION

3. ETHANOL AS A FUEL
4. PROPERTIES

5. USES

6. GRADES OF ETHANOL
   6.1. DENATURED ALCOHOL
   6.2. ABSOLUTE ALCOHOL
   6.3. RECTIFIED SPIRITS

7. B.I.S. SPECIFICATION
   7.2. IS 15464 (2004): ANHYDROUS ETHANOL FOR USE IN AUTOMOTIVE FUEL [PCD 9: ORGANIC CHEMICALS ALCOHOLS AND ALLIED PRODUCTS AND DYE INTERMEDIATES].
8. MARKET SURVEY
8.1. INDIA ETHANOL MARKET
8.2. INCREASING CAPACITY
8.3. GLOBAL ETHANOL INDUSTRY
8.4. MARKET ANALYSIS
8.5. KEY TAKEAWAYS
8.5.1. By Application
8.5.2. By End User
8.6. COMPETITIVE LANDSCAPE

9. EXPORT & IMPORT: ALL COUNTRIES
9.1. EXPORT: ALL COUNTRIES
9.2. IMPORT: ALL COUNTRIES
10. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES

10.1. SECTION – I

10.1.1. Name of Company with Contact Details
10.1.2. Name of Director(S)
10.1.3. Plant Capacity
10.1.4. Location of Plant
10.1.5. Name of Raw Material(S) Consumed with Quantity & Cost
10.1.6. Credit Ratings
10.2. SECTION - II
10.2.1. Assets
10.2.2. Cash Flow
10.2.3. Cost as percentage of sales
10.2.4. Growth in Assets & Liabilities
10.2.5. Growth in Income & Expenditure
10.2.6. Income & Expenditure
10.2.7. Liabilities
10.2.8. Liquidity Ratio
10.2.9. Profitability Ratios
10.2.10. Profits
10.2.11. Return Ratios
10.2.12. Structure of Assets Liabilities
10.2.13. Working Capital Turnover Ratio

11. COMPANY PROFILE OF MAJOR PLAYERS
12. EXPORT & IMPORT STATISTICS OF INDIA
   12.1. EXPORT STATISTICS ON ETHYL ALCOHOL
   12.2. IMPORT STATISTICS ON ETHYL ALCOHOL

13. PRESENT MANUFACTURERS

14. MANUFACTURING PROCESS

15. PROCESS FLOW DIAGRAM

16. BUYER’S LIST
   16.1. CONTACT DETAILS OF BUYER’S
   16.2. CAPACITY
   16.3. CREDIT RATINGS
   16.4. DIRECTORS NAME
   16.5. PLANT LOCATION
   16.6. RAW MATERIALS
17. SUPPLIERS OF RAW MATERIAL

18. SUPPLIERS OF PLANT & MACHINERY

19. PHOTOGRAPHS/IMAGES FOR REFERENCES
   19.1. PRODUCT PHOTOGRAPHS
   19.2. MACHINERY PHOTOGRAPHS
   19.3. RAW MATERIAL PHOTOGRAPHS

20. PLANT LAYOUT
Project Financials

• Project at a Glance

• Assumptions for Profitability workings

• Plant Economics

• Production Schedule

• Land & Building

Annexure

1. Assumptions for Profitability workings
2. Plant Economics
3. Production Schedule
4. Land & Building

Factory Land & Building
Site Development Expenses
• Plant & Machinery
  Indigenous Machineries
  Other Machineries (Miscellaneous, Laboratory etc.)

• Other Fixed Assets
  Furniture & Fixtures
  Pre-operative and Preliminary Expenses
  Technical Knowhow
  Provision of Contingencies

• Working Capital Requirement Per Month
  Raw Material
  Packing Material
  Lab & ETP Chemical Cost
  Consumable Store
- Overheads Required Per Month and Per Annum…………………………8
- Utilities & Overheads (Power, Water and Fuel Expenses etc.)
- Royalty and Other Charges
- Selling and Distribution Expenses

- Salary and Wages ………………………………………………………………………9

- Turnover Per Annum ……………………………………………………………….10

- Share Capital……………………………………………………………………….11

  Equity Capital
  Preference Share Capital
• Annexure 1 :: Cost of Project and Means of Finance

• Annexure 2 :: Profitability and Net Cash Accruals

- Revenue/Income/Realisation
- Expenses/Cost of Products/Services/Items
- Gross Profit
- Financial Charges
- Total Cost of Sales
- Net Profit After Taxes
- Net Cash Accruals
• Annexure 3 :: Assessment of Working Capital requirements
  - Current Assets
  - Gross Working Capital
  - Current Liabilities
  - Net Working Capital
  - Working Note for Calculation of Work-in-process

• Annexure 4 :: Sources and Disposition of Funds
• Annexure 5 :: Projected Balance Sheets

- ROI (Average of Fixed Assets)
- RONW (Average of Share Capital)
- ROI (Average of Total Assets)

• Annexure 6 :: Profitability Ratios

- D.S.C.R
- Earnings Per Share (EPS)
- Debt Equity Ratio
• Annexure 7 :: Break-Even Analysis

- Variable Cost & Expenses
- Semi-Variable/Semi-Fixed Expenses
- Profit Volume Ratio (PVR)
- Fixed Expenses / Cost
- B.E.P
Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume

- Resultant N.P.B.T
- Resultant D.S.C.R
- Resultant PV Ratio
- Resultant DER
- Resultant ROI
- Resultant BEP
• Annexure 12 :: Shareholding Pattern and Stake Status
  ▪ Equity Capital
  ▪ Preference Share Capital
• Annexure 13 :: Quantitative Details-Output/Sales/Stocks
  ▪ Determined Capacity P.A of Products/Services
  ▪ Achievable Efficiency/Yield % of Products/Services/Items
  ▪ Net Usable Load/Capacity of Products/Services/Items
  ▪ Expected Sales/ Revenue/ Income of Products/ Services/ Items
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<td>Total Raw Material Cost</td>
</tr>
<tr>
<td>16</td>
<td>Raw Material Cost per unit</td>
</tr>
<tr>
<td>17</td>
<td>Total Lab &amp; ETP Chemical Cost</td>
</tr>
<tr>
<td>18</td>
<td>Consumables, Store etc.</td>
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<tr>
<td>19</td>
<td>Packing Material Cost</td>
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<tr>
<td>20</td>
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• Annexure 22 :: Fuel Expenses
• Annexure 23 :: Power/Electricity Expenses
• Annexure 24 :: Royalty & Other Charges
• Annexure 25 :: Repairs & Maintenance Expenses
• Annexure 26 :: Other Manufacturing Expenses
• Annexure 27 :: Administration Expenses
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<th>Depreciation Charges – as per Books (Total)</th>
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<td>Depreciation Charges - as per IT Act WDV (Total)</td>
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<td>Annexure 35</td>
<td>Projected Pay-Back Period and IRR</td>
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</table>
Reasons for Buying our Report:

• This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product.

• This report provides vital information on the product like its characteristics and segmentation.

• This report helps you market and place the product correctly by identifying the target customer group of the product.
• This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials

• The report provides a glimpse of government regulations applicable on the industry

• The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions
Our Approach:

- Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players.
- We use reliable sources of information and databases. And information from such sources is processed by us and included in the report.
Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Ethanol (Ethyl Alcohol).” provides an insight into Ethanol (Ethyl Alcohol) market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Ethanol (Ethyl Alcohol) project. The report assesses the market sizing and growth of the Indian Ethanol (Ethyl Alcohol) 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:

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

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 the Ethanol (Ethyl Alcohol) sector in India along with its business prospects. Through this report we have identified Ethanol (Ethyl Alcohol) project as a lucrative investment avenue.
#ethanol #ethanolmanufacturing #ethanolproduction #Ethanolbusiness
#ethanolindustry #ethanolmarket #brokenrice #Maize #alcohol
#ethylalcohol #DetailedProjectReport #businessconsultant #feasibilityReport #NPCS #entrepreneurindia #startupbusiness
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Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Ethanol from Broken Rice, Maize & Wheat.
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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.

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- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients’ in India & abroad.

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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.
We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.
What do we offer?

- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- Market Research Reports
- Business Plan
- Technology Books and Directory
- Industry Trend
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- Entrepreneur India (An Industrial Monthly Journal)
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

1. Requirement collection
2. Thorough analysis of the project
3. Economic feasibility study of the Project
4. Market potential survey/research
5. Report Compilation

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Who do we Serve?

- Public-sector Companies
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- 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

- 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

- 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

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

- 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

- 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

- 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
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
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
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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
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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