Fruit Processing Industry.

Production of Mango & Pomegranate Juice.

Start a Profitable Fruit Juice Business
Fruit processing is a profitable business. Fruit processing enhances the shelf life of the fruits. In addition, value-added processed fruits fetch more profit than fresh fruits. The fruit processing industry caters a wide range of segments. It includes fresh, fresh-cut, canned, frozen, dried, and convenience products, as the method of processing is different for each of these segments. On the basis of operation type, you can adopt semi-automatic or fully automatic operation.
The fruit processing industry is growing rapidly worldwide. However, major reasons are consumer demand for healthy and fresh products that are easily available and require minimal preparation time. And Asia Pacific region has the best potential of this industry.
Mango Juice

Mango is known as the king of the fruits. It grows mostly in tropical climates and has been a favourite among humans for over 4000 years. Mango and its juice, commonly known as “aam ras” contain many vital vitamins and minerals that are essential for a healthy human body. Mango is a very sweet fruit and hence one does not need to add sugar in it, and hence it makes it very beneficial for health.

Mango juices are produced from mango fruits. Fruit generally has been defined as the ripened ovary of the flower, with or without other associated parts. It can be classified broadly into two, namely, juicy and pulpy fruits.
Pomegranate Juice

Pomegranate juice is made from the fruit of the pomegranate. It is used in cooking both as a fresh juice and as a concentrated syrup. Pomegranate juice contains more than 100 phytochemicals. The pomegranate fruit has been used for thousands of years as medicine. It is one of the few fruits whose juice is as beneficial as the fruit itself. This is because the peel contains the maximum amount of antioxidants which are released in abundance when the fruit is squeezed while juicing. It is currently ranked alongside blue berries and green tea for its nutritional benefits.
Market Outlook

Mango Fruit Juice Market:

The global demand for tropical fruit juices has been increasing for the past few years. Sweet aromatic taste of mango is the major factor driving the growth of mango fruit juice market. Rising health concerns and amount of nutrition in fruit juices successfully influenced the growth of mango juice market. Europe is the major consumer of fruit juices which comprises more than 20% consumption of mango juice in Europe of which more than 50% consumed in United Kingdom. Countries in Asia, South America and Africa are the major producer of mango and major exporters to North America and Europe. Major producers are responsible for more than 90% domestic consumption.
Mango beverages are one of the fastest growing fruit juice categories, which are outpacing the carbonated drinks in terms of volume growth. Mango Fruit juices are majorly known for its taste and acquire largest market in Asian countries such as China, India and Indonesia. Market players such coca cola and PepsiCo are continuously expending huge amount on advertisements and product line of mango juices in Asia. In 2016, carbonated drink market in Asia has grown by 27% in volume sales, but juice segment that have up to 25% fresh juice content has grown by 63% over the same period.

Rising health awareness and growing popularity of tropical fruits are the major factors driving the growth of mango juice market. The industrial demand for tropical fruits and mangoes are growing quickly owing to response from consumer demand for indigenous and non-indigenous fruits. Global production of mango has grown significantly in recent years and surpassed 45 million tons of production in 2015.
Growing disposable income and product innovation are some of the other factors which have significantly accelerated the sales of mango fruit juice. Demand for mango concentrates in North-America and Europe are growing significantly owing to rising demand for fruit juices and concentrates in western countries. However, rising logistic costs and being a tropical fruit, mango is quite a costly fruit in regions of Europe and North-America, which is expected to saturate the growth of mango juice in some markets.

The global mango juice market is anticipated to reach USD 22.1 billion by the end of 2024, expanding at a compound annual growth rate of 4.1% over the forecast period i.e. 2016-2024. The global mango juice market accounted for over USD 16.0 billion in 2016 owing health awareness among consumers.
Pomegranate Juice Market:

This type of drink is famous in the United States and is gradually expanding in Europe. Due to its unique production method, the cost of the pomegranate is high and the sale price is high. The big consumers are the middle class and the rich, where compared to men, women tend to like a pomegranate more.

Growing health consciousness and other benefits of pomegranate such as nutrition values and sources are driving the global pomegranate market. On the other hand, increasing disposable incomes, evolving lifestyle and adaption of organic food culture are supporting the growth of the Global Pomegranate Juice Market.
Global Pomegranate Juice Market is segmented into regions such as North America, Latin America, Europe, Middle East and Africa and Asia Pacific. World demand is good for Indian pomegranates, especially in the German and Dutch markets, where they are known for their quality. An Indian merchant attributes this to having the advantage over other producing countries when it comes to investing in production technology, with more experience. Demand is increased for Italian pomegranates which are driving the regional market. Also, Asia pacific is estimated to be fastest growing region with highest CAGR owing to factors like wide cultivation of pomegranates in countries like India and presence of major economies such as China and others.
Fruit juice Market:

Fruit juices nowadays have become a social drink which captures the attention of each individual of a society. The restrictions for other type of alcoholic drinks gave an ultimate way to the demand of fruit juices. In Indian market, the severe competition among the producers has encouraged them to go for innovative ways. The consumers are mostly lean towards the brands which come across them in the daily life while going through television, newspapers, and magazines, banners displayed in roads and from web sites. The juice market has turned into a competitive market as there are similar competitors in the market serving the same type of juice by different brand names.
India fruit juice market is majorly driven by the factors such as rising health consciousness, as a result of which the consumers now prefer more organic beverages over carbonated drinks which are free from added sugar and artificial flavors and preservatives. Children centered fruit juice market is one of the high potential market, which is barely promoted by any producer of fruit juices. As a major market for fruit drinks, children fruit drink market majorly consists of protein drinks and milk beverages. Under the requirement of higher nutrient values, children fruit juices fascinate consumers with attractive packaging and designs, which ensures positive market prospects.
The market for fruit juice is driven by several growth-inducing factors. The primary factor for the growth is the rising health concerns, as a result of which the consumers are now shifting from carbonated drinks to organic beverages which are free from added sugar, flavours and preservatives. This has increased the demand for fruit juice globally. Some of the other factors which have accelerated the demand for fruit juice are increasing disposable incomes, value addition, product innovation and growth in emerging markets.
Global juice market is expected to witness significant growth during the forecast period from 2015 to 2021. Rising dietary and health concerns among consumers is one the key factors giving a push to the global fruit juice market. Owing to the high nutritional content and refreshing attributes of fruit juices, there has been a major shift in consumer preferences from carbonated drinks to the non-carbonates and natural beverages like fruit juices. Several other factors like population growth, rising disposable incomes, product innovations, premiumization and growing demand from emerging markets are also inducing the growth of the global market for fruit juices.
Changes in lifestyles and awareness regarding the consumption of a healthy and balanced diet have steered the growth of the global juice market. As a result of the growing consumption of vegetable and fruit juice, the global market for juice is likely to witness strong growth over the forthcoming years. However, the growth of the global juice market is entirely dependent on the geographical distribution and availability of vegetables and fruits. In the beverage industry, juices constitute the most competitive segment.

Regionally, the global juice market is segmented into Latin America, the Middle East and Africa, Europe, Asia Pacific, and North America. Manufacturers of juice are likely to gain lucrative growth opportunities from the growing consumption of orange juice in developed countries. The leading markets for juice in these regions are the U.S., Japan, and Europe.
TWIN PULPER

BLENDING TANK

www.entrepreneurindia.co
## Project at a Glance

### PROJECT AT A GLANCE

#### COST OF PROJECT

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Existing</th>
<th>Proposed</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land &amp; Site Development</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Exp.</td>
<td></td>
<td></td>
<td>Capital</td>
</tr>
<tr>
<td>Buildings</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Plant &amp; Machineries</td>
<td>0.00</td>
<td>61.43</td>
<td>61.43</td>
</tr>
<tr>
<td>Motor Vehicles</td>
<td>0.00</td>
<td>5.00</td>
<td>5.00</td>
</tr>
<tr>
<td>Office Automation</td>
<td>0.00</td>
<td>17.25</td>
<td>17.25</td>
</tr>
<tr>
<td>Equipments</td>
<td></td>
<td></td>
<td>Cash Subsidy</td>
</tr>
<tr>
<td>Technical Knowhow Fees &amp; Exp.</td>
<td>0.00</td>
<td>5.00</td>
<td>5.00 Internal Cash Accruals</td>
</tr>
<tr>
<td>Franchise &amp; Other Deposits</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Preliminary &amp; Pre-operative Exp</td>
<td>0.00</td>
<td>1.00</td>
<td>1.00 Debentures / Bonds</td>
</tr>
<tr>
<td>Provision for Contingencies</td>
<td>0.00</td>
<td>6.00</td>
<td>6.00 Unsecured Loans/Deposits</td>
</tr>
<tr>
<td>Margin Money - Working Capital</td>
<td>0.00</td>
<td>12.97</td>
<td>12.97 TOTAL</td>
</tr>
<tr>
<td>TOTAL</td>
<td>0.00</td>
<td>108.65</td>
<td>108.65</td>
</tr>
</tbody>
</table>

#### MEANS OF FINANCE

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Existing</th>
<th>Proposed</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital</td>
<td>0.00</td>
<td>27.16</td>
<td>27.16</td>
</tr>
<tr>
<td>Share Premium</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Other Type Share Capital</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Reserves &amp; Surplus</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Cash Subsidy</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Internal Cash Accruals</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Long/Medium Term Borrowings</td>
<td>0.00</td>
<td>81.49</td>
<td>81.49</td>
</tr>
<tr>
<td>Debentures / Bonds</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Unsecured Loans/Deposits</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td>0.00</td>
<td>108.65</td>
<td>108.65</td>
</tr>
</tbody>
</table>

"www.entrepreneurindia.co"
<table>
<thead>
<tr>
<th>Year</th>
<th>Annualised Book Value</th>
<th>Debt to Equity Ratio</th>
<th>Dividend Earnings</th>
<th>Retained Earnings</th>
<th>Payout Probability</th>
<th>Market Price</th>
<th>P/E Ratio</th>
<th>Yield</th>
<th>Price/Book Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>3.89</td>
<td>8.85</td>
<td>13.89</td>
<td>24.00</td>
<td>0.00</td>
<td>3.89</td>
<td>1.00</td>
<td>0.00</td>
<td>3.89</td>
</tr>
<tr>
<td>2-3</td>
<td>7.18</td>
<td>11.43</td>
<td>21.08</td>
<td>18.00</td>
<td>0.00</td>
<td>7.18</td>
<td>1.00</td>
<td>0.00</td>
<td>7.18</td>
</tr>
<tr>
<td>3-4</td>
<td>10.38</td>
<td>14.03</td>
<td>31.46</td>
<td>12.00</td>
<td>0.00</td>
<td>10.38</td>
<td>1.00</td>
<td>0.00</td>
<td>10.38</td>
</tr>
<tr>
<td>4-5</td>
<td>13.41</td>
<td>16.56</td>
<td>44.87</td>
<td>6.00</td>
<td>0.00</td>
<td>13.41</td>
<td>1.00</td>
<td>0.00</td>
<td>13.41</td>
</tr>
<tr>
<td>5-6</td>
<td>16.24</td>
<td>18.96</td>
<td>61.11</td>
<td>0.00</td>
<td>0.00</td>
<td>16.24</td>
<td>1.00</td>
<td>0.00</td>
<td>16.24</td>
</tr>
</tbody>
</table>
## Project at a Glance

<table>
<thead>
<tr>
<th>Year</th>
<th>D. S. C. R.</th>
<th>Debt / Equity</th>
<th>Total Net Worth</th>
<th>Return on Net Worth</th>
<th>Profitability Ratio</th>
<th>Asset Turnover Ratio</th>
<th>Current Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Individually</td>
<td>Cumulative</td>
<td>Overall</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Number of times)</td>
<td>(Number of times)</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Initial</td>
<td>3.00</td>
<td>3.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-2</td>
<td>1.31</td>
<td>1.31</td>
<td>1.73</td>
<td>1.73</td>
<td>3.00</td>
<td>13.71%</td>
<td>3.50%</td>
</tr>
<tr>
<td>2-3</td>
<td>1.63</td>
<td>1.46</td>
<td>0.85</td>
<td>0.85</td>
<td>1.82</td>
<td>15.78%</td>
<td>6.75%</td>
</tr>
<tr>
<td>3-4</td>
<td>2.02</td>
<td>1.63</td>
<td>2.01</td>
<td>0.38</td>
<td>0.38</td>
<td>1.12</td>
<td>17.17%</td>
</tr>
<tr>
<td>4-5</td>
<td>2.47</td>
<td>1.81</td>
<td>0.13</td>
<td>0.13</td>
<td>0.71</td>
<td>18.09%</td>
<td>10.56%</td>
</tr>
<tr>
<td>5-6</td>
<td>3.01</td>
<td>2.01</td>
<td>0.00</td>
<td>0.00</td>
<td>0.47</td>
<td>18.69%</td>
<td>11.62%</td>
</tr>
</tbody>
</table>
## Project at a Glance

### BEP

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEP - Maximum Utilisation Year</td>
<td>5</td>
</tr>
<tr>
<td>Cash BEP (% of Installed Capacity)</td>
<td>65.46%</td>
</tr>
<tr>
<td>Total BEP (% of Installed Capacity)</td>
<td>68.70%</td>
</tr>
<tr>
<td>IRR, PAYBACK and FACR</td>
<td></td>
</tr>
<tr>
<td>Internal Rate of Return (In %age)</td>
<td>27.23%</td>
</tr>
<tr>
<td>Payback Period of the Project (In Years)</td>
<td>2 Years 3 Months</td>
</tr>
<tr>
<td>Fixed Assets Coverage Ratio (No. of times)</td>
<td>13.115</td>
</tr>
</tbody>
</table>
1. What is Fruit Processing (Mango & Pomegranate Juice) industry?

2. How has the Fruit Processing (Mango & Pomegranate Juice) industry performed so far and how will it perform in the coming years?

3. What is the Project Feasibility of Fruit Juice Manufacturing Plant?

4. What are the requirements of Working Capital for setting up Fruit Juice Manufacturing plant?
5. What is the structure of the Fruit Juice Manufacturing Business and who are the key/major players?

6. What is the total project cost for setting up Fruit Processing (Mango & Pomegranate Juice) Business?

7. What are the operating costs for setting up Fruit Processing (Mango & Pomegranate Juice) plant?

8. What are the machinery and equipment requirements for setting up Fruit Processing (Mango & Pomegranate Juice) plant?
9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Fruit Processing (Mango & Pomegranate Juice) plant?

10. What are the requirements of raw material for setting up Fruit Juice Manufacturing plant?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up Fruit Juice Manufacturing Business?

12. What is the Manufacturing Process of Fruit Juice (Mango & Pomegranate Juice)?
13. What is the total size of land required for setting up Fruit Processing (Mango & Pomegranate Juice) plant?

14. What will be the income and expenditures for Fruit Processing (Mango & Pomegranate Juice) Business?

15. What are the Projected Balance Sheets of Fruit Processing (Mango & Pomegranate Juice) plant?

16. What are the requirement of utilities and overheads for setting up Fruit Juice (Mango & Pomegranate Juice) plant?

17. What is the Built up Area Requirement and cost for setting up Fruit Juice (Mango & Pomegranate Juice) Business?
18. What are the Personnel (Manpower) Requirements for setting up Fruit Juice (Mango & Pomegranate Juice) Manufacturing Business?

19. What are Statistics of Import & Export for Fruit Juice (Mango & Pomegranate Juice)?

20. What is the time required to break-even of Fruit Juice (Mango & Pomegranate Juice) Manufacturing Business?

21. What is the Break-Even Analysis of Fruit Processing (Mango & Pomegranate Juice) plant?

22. What are the Project financials of Fruit Processing (Mango & Pomegranate Juice) Business?
23. What are the Profitability Ratios of Fruit Processing (Mango & Pomegranate Juice) Project?

24. What is the Sensitivity Analysis-Price/Volume of Fruit Juice (Mango & Pomegranate Juice) plant?

25. What are the Projected Pay-Back Period and IRR of Fruit Juice (Mango & Pomegranate Juice) plant?

26. What is the Process Flow Sheet Diagram of Fruit Juice (Mango & Pomegranate Juice) project?
27. What are the Market Opportunities for setting up Fruit Juice (Mango & Pomegranate Juice) plant?

28. What is the Market Study and Assessment for setting up Fruit Juice (Mango & Pomegranate Juice) Business?

29. What is the Plant Layout for setting up Fruit Juice (Mango & Pomegranate Juice) Manufacturing Business?
Table of Contents of the Project Report
1. PROJECT LOCATION
   1.1. DISTRICT PROFILE & GEOTECHNICAL SITE CHARACTERIZATION
       1.1.1. General
       1.1.2. Geography
       1.1.3. Climate
       1.1.4. Demographics
       1.1.5. Map
       1.1.6. Transport
       1.1.7. Culture
       1.1.8. Economy

2. INTRODUCTION

3. RAW MATERIAL DETAILS
   3.1. MANGO 18
   3.2. HEALTH BENEFITS OF MANGOS
   3.3. VARIETIES OF MANGO
   3.4. POMEGRANATE
   3.5. HEALTH BENEFITS OF POMEGRANATE

4. NUTRIONAL VALUE OF FRUITS

5. PRODUCT DETAILS
   5.1. MANGO JUICE
   5.2. POMEGRANATE JUICE

6. B.I.S. SPECIFICATIONS
6.2. IS 8713: 2003 MANGO JUICE PRESERVED EXCLUSIVELY BY PHYSICAL MEANS FIRST PRODUCT SPECIFICATION 2013

7. MARKET SURVEY
7.1. MARKET SIZE
7.2. MARKET SEGMENTATION
7.3. PLAYERS & BRANDS
7.4. MANGO FRUIT & JUICE
7.5. FRUITS BEVERAGES
7.6. NEWLY EMERGING INDICATORS
7.7. SQUASHES AND SYRUPS
7.8. MARKET STRUCTURE

8. EXPORT & IMPORT: ALL COUNTRIES
8.1. EXPORT: ALL COUNTRIES
8.2. IMPORT: ALL COUNTRIES

9. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES
9.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE
9.2. PROFITS & APPROPRIATIONS
9.3. TOTAL LIABILITIES
9.4. TOTAL ASSETS
9.5. NET CASH FLOW FROM OPERATING ACTIVITIES
9.5.1. SECTION – I
9.5.2. Name of Company with Contact Details
9.5.3. Name of Director(S)
9.5.4. Plant Capacity
9.5.5. Location of Plant
9.5.6. Name of Raw Material (S) Consumed with Quantity & Cost
9.6. SECTION – II
9.6.1. Assets
9.6.2. Cash Flow
9.6.3. Cost as % of sales
9.6.4. Forex Transaction
9.6.5. Growth in Assets & Liabilities
9.6.6. Growth in Income & Expenditure
9.6.7. Income & Expenditure
9.6.8. Liabilities
9.6.9. Liquidity Ratios
9.6.10. Profitability Ratio
9.6.11. Profits
9.6.12. Return Ratios
9.6.13. Structure of Assets & Liabilities (%)

10. **EXPORT STATISTICS DATA OF INDIA**
10.1. EXPORT STATISTICS DATA FOR MANGO JUICE
10.2. IMPORT STATISTICS DATA FOR MANGO JUICE
10.3. EXPORT STATISTICS DATA FOR POMEGRANATE JUICE
10.4. IMPORT STATISTICS DATA FOR POMEGRANATE JUICE

11. **PRESENT MANUFACTURERS**
12. GENERAL COMMENTS ON FRUIT JUICE PROCESSING

12.1. PROCESSING OF ‘FLESHY’ FRUITS
12.2. EXTRACTION OF CITRUS JUICES
12.3. DIAGRAM OF THE FRUIT JUICE CONCENTRATION PROCESS
12.4. QUALITY CONSIDERATIONS

13. MANUFACTURING PROCESS

13.1. FRUIT JUICE PRODUCTION OF MANGO
13.2. FRUIT JUICE PRODUCTION OF POMEGRANATE
13.3. ASEPTIC PACKAGING OF FRUIT JUICE

14. MANUFACTURING PRINCIPLES OF JUICE

14.1. UNIT OPERATIONS APPLIED TO JUICE
14.2. FRUIT CHARACTERISTICS AFFECTING JUICING

15. PROCESS FLOW DIAGRAM

16. A WORD OF CAUTION REGARDING PROCESSING SYSTEMS

17. FRUIT JUICE PROCESSING PLANT

18. PACKAGING TECHNOLOGY IN FRUIT JUICE INDUSTRY
18.1. ASEPTIC PACKAGING
18.2. TETRA PACKAGING
18.3. PET BOTTLE PACKAGING
18.4. SPOUT PACKAGING

19. SUPPLIERS OF PLANT & MACHINERY

20. SUPPLIERS OF RAW MATERIAL

21. PHOTOGRAPHS/IMAGES FOR REFERENCE
21.1. MACHINERY PHOTOGRAPHS
21.2. RAW MATERIAL PHOTOGRAPH
21.3. PRODUCT PHOTOGRAPHS

22. QUOTATION OF PLANT, MACHINERY AND EQUIPMENTS FROM SUPPLIER
Project Financials

- Project at a Glance
- Assumptions for Profitability workings
- Plant Economics
- Production Schedule
- Land & Building
- Factory Land & Building
- Site Development Expenses

Annexure
- **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
  Utilities & Overheads (Power, Water and Fuel Expenses etc.)
  Royalty and Other Charges
  Selling and Distribution Expenses

- Salary and Wages

- Turnover Per Annum

- Share Capital
  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
• Annexure 14 :: Product wise Domestic Sales Realisation

• Annexure 15 :: Total Raw Material Cost

• Annexure 16 :: Raw Material Cost per unit

• Annexure 17 :: Total Lab & ETP Chemical Cost

• Annexure 18 :: Consumables, Store etc.

• Annexure 19 :: Packing Material Cost

• Annexure 20 :: Packing Material Cost Per Unit
<table>
<thead>
<tr>
<th>Annexure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>Employees Expenses</td>
</tr>
<tr>
<td>22</td>
<td>Fuel Expenses</td>
</tr>
<tr>
<td>23</td>
<td>Power/Electricity Expenses</td>
</tr>
<tr>
<td>24</td>
<td>Royalty &amp; Other Charges</td>
</tr>
<tr>
<td>25</td>
<td>Repairs &amp; Maintenance Expenses</td>
</tr>
<tr>
<td>26</td>
<td>Other Manufacturing Expenses</td>
</tr>
<tr>
<td>27</td>
<td>Administration Expenses</td>
</tr>
<tr>
<td>28</td>
<td>Selling Expenses</td>
</tr>
</tbody>
</table>
• Annexure 29 :: Depreciation Charges – as per Books (Total)
• Annexure 30 :: Depreciation Charges – as per Books (P & M)
• Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)
• Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)
• Annexure 33 :: Interest and Repayment - Term Loans
• Annexure 34 :: Tax on Profits
• Annexure 35 :: Projected Pay-Back Period and IRR
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.

www.entrepreneurindia.co
Scope of the Report

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

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 Fruit Processing (Mango & Pomegranate Juice) sector in India along with its business prospects. Through this report we have identified Fruit Processing (Mango & Pomegranate Juice) project as a lucrative investment avenue.
#Fruit_Processing, #Fruit_Processing_Industry, #Processing_of_Fruits, #Fruit_and_Fruit_Juice_Processing, Fruit Processing Plant, Fruit Processing Unit, Fruits and Fruit Processing, Industrial Fruit Processing, Fruit Processing Factory, Small-Scale Fruit Processing, Fruit Processing Industry in India and Its Opportunities, Indian Fruit Processing Industry, How to Start Fruits Processing Industry, How to Start a Fresh Juice Business, How to Start a Fruit Juice Business in India, Starting a Fruit Juice Business, Fruit Juice Production, How to Start a Fruit Juice Processing Plant, Juice Business Opportunities, Juice Business Plan Pdf, Fruit Juice Processing Business Plan in India, Start Commercial Production of Fresh Juice, Project on Mango Juice Industry, How to Start a Mango Juice Business, Mango Juice, #Mango_Juice_Production_Process, Mango Processing Plant, Commercial Processing of Mangoes, Mango Juice Processing Pdf, Mango Juice Processing Plant, Mango Processing Flow Chart, Mango Pulp Processing Unit Cost, Mango Juice Processing Flow Chart,

www.entrepreneurindia.co
Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Fruit Processing Industry. Production of Mango & Pomegranate Juice. Start a Profitable Fruit Juice Business

See more
https://goo.gl/tBGeKy
https://goo.gl/c8exQb
https://goo.gl/oRhv23
https://goo.gl/utodnv
Visit us at

www.entrepreneurindia.co
Take a look at Niir Project Consultancy Services on #Street View
https://goo.gl/VstWkd

Locate us on Google Maps
https://goo.gl/maps/BKkUtq9gevT2

www.entrepreneurindia.co
Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

Click here to take a look
https://goo.gl/G3lCjV
Free Instant Online Project Identification and Selection Service

Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return\% (ROR) and Break Even Point \% (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites......Read more
Detailed Project Reports

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

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Spark Mall,
New Delhi-110007, India.

Email: npcs.ei@gmail.com, info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595

Fax: +91-11-23845886

Website: www.entrepreneurindia.co, www.niir.org

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

https://goo.gl/VstWkd
An ISO 9001:2015 Company
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.
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

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation
Contact us

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Spark Mall,
New Delhi-110007, India.

Email:npcs.ei@gmail.com, info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886, 8800733955
Mobile: +91-9811043595
Fax: +91-11-23845886

Website:www.entrepreneurindia.co, www.niir.org

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

https://goo.gl/VstWkd
Follow us

- https://www.linkedin.com/company/niir-project-consultancy-services
- https://www.facebook.com/NIIR.ORG
- https://www.youtube.com/user/NIIRproject
- https://plus.google.com/+EntrepreneurIndiaNewDelhi
- https://twitter.com/npcs_in
- https://www.pinterest.com/npcsindia/
For more information, visit us at:

www.niir.org
www.entrepreneurindia.co