

# How to Start Production Business of AAC Blocks from Silica Sand & Lime Stone Powder

Autoclaved Aerated  
Concrete Blocks

Construction  
Sector



# Introduction



*Autoclaved Aerated Concrete (AAC) is a lightweight aggregate masonry building material which can be used as infill, as sound control in walls, and as slabs for floors. AAC Blocks from A^ autoclaved aerated concrete (AAC) is a lightweight aggregate masonry building material which can be used as infill, as sound control in walls, and as slabs for floors.*



*AAC Blocks are made of silica sand and lime stone powder and cement. It's produced by Autoclave process. The blocks have excellent thermal insulation properties. They also have high abrasion resistance, with an impact strength like granite.*

➤ *Visit this Page for More Information: [Start a Business in Construction Industry](#)*



*Their compressive strength is 25%-30% higher than that of traditional concrete blocks because their cell structure prevents them from cracking under pressure. Due to these features they can be used in heavy traffic areas such as airports and railways;*

- **Business Plan: Start Production Business of AAC Blocks from Silica Sand & Lime Stone Powder**



*..they are especially well suited to uses such as elevators or escalators due to their low weight while retaining sufficient strength.*

➤ ***Related Feasibility Study Reports: Construction & Building Materials Projects***

# Advantages of AAC Block over Other Types



*Many building materials lose their strength when they're exposed to water, but autoclaved aerated concrete blocks are durable enough to be used in areas that are prone to flooding. If a hurricane or flood is on its way, adding AAC blocks in affected areas can reduce damage.*



*The product's ability to withstand water damage makes it ideal for both residential and commercial applications like driveways, patios and sidewalks. It can also be used as an insulator; if you live in an area where temperatures drop below freezing during winter months, using AAC blocks between your home and exterior walls can save energy costs.*



***Autoclaved aerated concrete blocks are a smart alternative to other construction materials. They won't absorb moisture and require little maintenance after installation. You can use them anywhere indoors or outdoors without fear of them breaking down over time. With so many benefits,..***





*..it's no wonder why AAC blocks are used across various industries for everything from basketball courts to foundations for homes and businesses.*

- **Read our Books Here: [Cement, Asbestos, Ceramics, Bricks, Limestone and Construction Materials Manufacturing Technology](#)**

# Manufacturing Process



*Manufacturing process of autoclaved aerated concrete blocks starts with selecting quality sand, lime stone powder and water. Then these materials are mixed in a specific proportion and loaded into a preheater of an AAC plant. It is an important step to provide enough heat for raising these materials...*



*...up to autoclave pressure to avoid block making failure during manufacturing process. Next, AAC blocks are formed in mold under pressure. Afterward, those products will be released from molds when internal pressure equalizes with external one; they will be transferred out of furnace after cooling down.*

# Machinery Photographs



# Market Demand



*AAC blocks are a type of building material that can be used in a variety of ways. Apartments, terrace houses, hospitals, schools, and commercial structures are all built with it. They can be used to build highways, bridges, and runways, among other things.*

➤ **Read Similar Articles:** [Construction & Building Materials Projects](#)



*These blocks are in high demand, especially in emerging countries like India, where the population is growing rapidly yet there aren't enough resources to meet the country's construction needs. As a result, it is critical for them to employ economic and ecological building materials in order to avoid destroying the environment while meeting these needs.*



*Using local resources reduces environmental effect because these materials are plentiful, which means less transportation is required to obtain them, lowering the overall cost of using these materials for building. As a result, natural lightweight aggregates such as silica sand and limestone powder play...*



*..an essential role in a variety of industries, including civil engineering, by providing answers to issues such as global warming and raw material scarcity. In order to meet demand Autoclaved aerated concrete (AAC) blocks are made from the above-mentioned raw ingredients, as well as some additional inert elements,..*



*...depending on the desired final product qualities. From 2020 to 2027, the autoclaved aerated concrete (AAC) market is predicted to increase at a CAGR of 7.2 percent, reaching \$26,964.5 million. The AAC industry is growing because to increased urbanisation and industrialization, infrastructural growth, rising demand for lightweight construction materials, growing preferences for low-cost housing, and an ever-increasing focus on green and soundproof structures.*

# Key Players

- **Ashoka Pre-Con Pvt. Ltd.**
- **Baliapatam Tiles & Business Ventures Ltd.**
- **Biltech Building Elements Ltd.**
- **Gannon Dunkerley & Co. Ltd.**
- **H I L Ltd.**
- **J K Lakshmi Cement Ltd.**

# Project at a Glance

**COST OF PROJECT****MEANS OF FINANCE**

| <b>Particulars</b>   | <b>Existing</b> | <b>Proposed</b> | <b>Total</b>   | <b>Particulars</b>                 | <b>Existing</b> | <b>Proposed</b> | <b>Total</b>   |
|--|-----------------|-----------------|----------------|------------------------------------|-----------------|-----------------|----------------|
| <b>Land &amp; Site Development Exp.</b>                                  | <b>0.00</b>     | <b>15.00</b>    | <b>15.00</b>   | <b>Capital</b>                     | <b>0.00</b>     | <b>267.58</b>   | <b>267.58</b>  |
| <b>Buildings</b>   | <b>0.00</b>     | <b>264.00</b>   | <b>264.00</b>  | <b>Share Premium</b>               | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>    |
| <b>Plant &amp; Machineries</b>   | <b>0.00</b>     | <b>599.68</b>   | <b>599.68</b>  | <b>Other Type Share Capital</b>    | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>    |
| <b>Motor Vehicles</b>  | <b>0.00</b>     | <b>12.00</b>    | <b>12.00</b>   | <b>Reserves &amp; Surplus</b>      | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>    |
| <b>Office Automation Equipments</b>                                      | <b>0.00</b>     | <b>49.50</b>    | <b>49.50</b>   | <b>Cash Subsidy</b>                | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>    |
| <b>Technical Knowhow Fees &amp; Exp.</b>                                 | <b>0.00</b>     | <b>25.00</b>    | <b>25.00</b>   | <b>Internal Cash Accruals</b>      | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>    |
| <b>Franchise &amp; Other Deposits Preliminary&amp; Pre-operative Exp</b> | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>    | <b>Long/Medium Term Borrowings</b> | <b>0.00</b>     | <b>802.75</b>   | <b>802.75</b>  |
| <b>Provision for Contingencies</b>                                       | <b>0.00</b>     | <b>58.00</b>    | <b>58.00</b>   | <b>Debentures / Bonds</b>          | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>    |
| <b>Margin Money - Working Capital</b>                                    | <b>0.00</b>     | <b>44.16</b>    | <b>44.16</b>   | <b>Unsecured Loans/Deposits</b>    | <b>0.00</b>     | <b>0.00</b>     | <b>0.00</b>    |
| <b>TOTAL</b>   | <b>0.00</b>     | <b>1070.34</b>  | <b>1070.34</b> | <b>TOTAL</b>                       | <b>0.00</b>     | <b>1070.34</b>  | <b>1070.34</b> |

| Year | Annualised |       | Book Value | Debt  | Dividend | Retained Earnings |       | Payout | Probable Market Price | P/E Ratio   | Yield Price/Book Value |
|------|------------|-------|------------|-------|----------|-------------------|-------|--------|-----------------------|-------------|------------------------|
|      | EPS        | CEPS  |            |       |          | Per Share         |       |        |                       |             |                        |
|      | 、          | 、     | 、          | 、     | 、        | %                 | 、     | %      | 、                     | No.of Times | %                      |
| 1-2  | 4.81       | 9.82  | 14.81      | 24.00 | 0.00     | 100.00            | 4.81  | 0.00   | 4.81                  | 1.00        | 0.00                   |
| 2-3  | 7.29       | 11.63 | 22.10      | 18.00 | 0.00     | 100.00            | 7.29  | 0.00   | 7.29                  | 1.00        | 0.00                   |
| 3-4  | 9.79       | 13.54 | 31.89      | 12.00 | 0.00     | 100.00            | 9.79  | 0.00   | 9.79                  | 1.00        | 0.00                   |
| 4-5  | 12.25      | 15.50 | 44.14      | 6.00  | 0.00     | 100.00            | 12.25 | 0.00   | 12.25                 | 1.00        | 0.00                   |
| 5-6  | 14.65      | 17.47 | 58.79      | 0.00  | 0.00     | 100.00            | 14.65 | 0.00   | 14.65                 | 1.00        | 0.00                   |

| Year           | D. S. C. R.       |             |             | Debt / -<br>Deposits<br>Debt | Equity as-<br>Equity | Total<br>Net<br>Worth | Return<br>on Net<br>Worth | Profitability Ratio |               |               |                          |               | Assets<br>Turnover<br>Ratio | Current<br>Ratio |
|----------------|-------------------|-------------|-------------|------------------------------|----------------------|-----------------------|---------------------------|---------------------|---------------|---------------|--------------------------|---------------|-----------------------------|------------------|
|                | Individual        | Cumulative  | Overall     |                              |                      |                       |                           | GPM                 | PBT           | PAT           | Net<br>Contribu-<br>tion | P/V<br>Ratio  |                             |                  |
|                | (Number of times) |             |             | (Number of times)            | %                    | %                     | %                         | %                   | %             | %             | %                        |               |                             |                  |
| <b>Initial</b> |                   |             |             | <b>3.00</b>                  | <b>3.00</b>          |                       |                           |                     |               |               |                          |               |                             |                  |
| <b>1-2</b>     | <b>1.44</b>       | <b>1.44</b> |             | <b>1.62</b>                  | <b>1.62</b>          | <b>2.14</b>           |                           | <b>15.17%</b>       | <b>8.77%</b>  | <b>6.81%</b>  | <b>759.43</b>            | <b>40.18%</b> | <b>1.55</b>                 | <b>0.96</b>      |
| <b>2-3</b>     | <b>1.69</b>       | <b>1.56</b> |             | <b>0.81</b>                  | <b>0.81</b>          | <b>1.21</b>           |                           | <b>18.01%</b>       | <b>12.97%</b> | <b>8.85%</b>  | <b>885.47</b>            | <b>40.16%</b> | <b>1.71</b>                 | <b>1.34</b>      |
| <b>3-4</b>     | <b>2.00</b>       | <b>1.69</b> | <b>2.00</b> | <b>0.38</b>                  | <b>0.38</b>          | <b>0.69</b>           |                           | <b>19.95%</b>       | <b>15.95%</b> | <b>10.40%</b> | <b>1011.95</b>           | <b>40.16%</b> | <b>1.77</b>                 | <b>1.79</b>      |
| <b>4-5</b>     | <b>2.36</b>       | <b>1.84</b> |             | <b>0.14</b>                  | <b>0.14</b>          | <b>0.39</b>           |                           | <b>21.29%</b>       | <b>18.10%</b> | <b>11.56%</b> | <b>1138.44</b>           | <b>40.16%</b> | <b>1.74</b>                 | <b>2.29</b>      |
| <b>5-6</b>     | <b>2.80</b>       | <b>2.00</b> |             | <b>0.00</b>                  | <b>0.00</b>          | <b>0.21</b>           |                           | <b>22.23%</b>       | <b>19.66%</b> | <b>12.44%</b> | <b>1264.92</b>           | <b>40.16%</b> | <b>1.66</b>                 | <b>4.19</b>      |

**BEP****BEP - Maximum Utilisation Year****5****Cash BEP (% of Installed Capacity)****45.06%****Total BEP (% of Installed Capacity)****51.02%****IRR, PAYBACK and FACR****Internal Rate of Return .. ( In %age )****24.76%****Payback Period of the Project is ( In Years )****2 Years 3 Months****Fixed Assets Coverage Ratio ( No. of times )****5.864**

- 1. What is AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing industry ?**
- 2. How has the AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant ?**



- 5. What is the structure of the AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business?**
- 7. What are the operating costs for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant ?**
- 10. What are the requirements of raw material for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business?**
- 12. What is the Manufacturing Process of AAC Blocks from Silica Sand & Lime Stone Powder?**

- 13. What is the total size of land required for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant ?**
- 14. What will be the income and expenditures for AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business?**
- 15. What are the Projected Balance Sheets of AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant ?**
- 16. What are the requirement of utilities and overheads for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant?**
- 17. What is the Built up Area Requirement and cost for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business?**

**18. What are the Personnel (Manpower) Requirements for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business?**

**19. What are Statistics of Import & Export for AAC Blocks from Silica Sand & Lime Stone Powder?**

**20. What is the time required to break-even of AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business?**

**21. What is the Break-Even Analysis of AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant?**

**22. What are the Project financials of AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business?**

**23. What are the Profitability Ratios of AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Project?**

**24. What is the Sensitivity Analysis-Price/Volume of AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant?**

**25. What are the Projected Pay-Back Period and IRR of AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant?**

**26. What is the Process Flow Sheet Diagram of AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing project?**

**27. What are the Market Opportunities for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing plant?**

**28. What is the Market Study and Assessment for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business?**

**29. What is the Plant Layout for setting up AAC Blocks from Silica Sand & Lime Stone Powder Manufacturing Business?**

# TAGS

**#DetailedProjectReport**      **#BusinessIdeas**      **#StartupBusinessIdea**  
**#EntrepreneurIndia**      **#NPCSProjects**      **#BusinessConsultant**  
**#ProjectReport**    **#Startup**    **#BusinessOpportunity**    **#BusinessPlan**  
**#Business**      **#AACBlocksfromSilicaSand**      **#LimeStonePowder**  
**#SilicaSand**      **#AACBlocks**      **#AACBlocksManufacturing**  
**#AACBlocksProduction**      **#AutoclavedAeratedConcreteBlocks**  
**#AutoclavedAeratedConcreteBlocksManufacturing**  
**#AutoclavedAeratedConcreteBlocksProduction**

# Table of Contents of the Project Report



# 1. PROJECT LOCATION

## 1. PATNA: DISTRICT PROFILE & GEOTECHNICAL SITE CHARACTERIZATION

1. General

2. Physical Characteristics

3. Location & Geographical Area

4. Topography

5. Culture

6. Map

7. Climate & Rainfall

8. Economy & Industry

9. Industrial Scenerio of District

10. Medium Scale Enterprises

11. Transportation and Communications

## **2. INTRODUCTION**

*1.Features*

*2.Raw Material*

## **3. USES AND APPLICATIONS**

*1.Advantages of Autoclaved Aerated Concrete Blocks*

*2.Product Sizes and Shapes*

*3.Construction Applications*

## **4. PROPERTIES**

*1.Density and Compressive Strength*

*2.Thermal Insulation*

*3.Fire Resistance*

*4.Acoustic Performance*

5. COMPARISON OF AAC BLOCKS WITH CLAY BRICKS
6. COMPARATIVE PROPERTIES AMONG VARIOUS PRODUCTS
7. WHY AAC HAS BEEN GAINING PROMINENCE IN INDIA
8. PRODUCT RANGE
9. PRODUCT SPECIFICATION

1. *General Specification of Aerated Concrete Block*

1. *Technical Data*

2. *Blocks per Cubic Meter*

3. *Typical Product Characteristics*

4. *Fire Rating Performance*

10. MARKET SURVEY

1. *Indian Autoclaved Aerated Concrete (AAC) Market*

2. *Global Autoclaved Aerated Concrete (AAC) Market*

## **11.EXPORT & IMPORT: ALL COUNTRIES**

- 1.Export: All Countries*
- 2.Import: All Countries*

## **12.FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS /COMPANIES**

- 1.About Financial Statements of CMIE Database*
- 2.Profits & Appropriations*
- 3.Total Liabilities*
- 4.Total Assets*
- 5.Net Cash Flow from Operating Activities*

### **6.Section – I**

- 1.Name of Company with Contact Details*
- 2.Name of Director(S)*
- 3.Credit Ratings*
- 4.Plant Capacity*

*1. Location of Plant*

*2. Name of Raw Material(S) Consumed With Quantity & Cost*

## **1. Section – II**

*1. Assets*

*2. Cash Flow*

*3. Cost as %ge of Sales*

*4. Growth in Assets & Liabilities*

*5. Growth in Income & Expenditure*

*6. Income & Expenditure*

*7. Liabilities*

*8. Liquidity Ratios*

*9. Profitability Ratio*

*10. Profits*

*11. Return Ratios*

*12. Structure of Assets & Liabilities (%)*

*13. Working Capital & Turnover Ratios*



## **13.COMPANY PROFILE OF MAJOR PLAYERS**

## **14.EXPORT & IMPORT STATISTICS OF INDIA**

*1.Export Statistics of AAC Blocks*

*2.Import Statistics of AAC Blocks*

## **15.PRESENT MANUFACTURERS**

## **16.RAW MATERIAL DETAILS**

## **17.RAW MATERIAL CHEMICAL COMPOSITION**

## **18.TECHNOLOGICAL PARAMETERS**

## **19.MANUFACTURING PROCESS**

*1.Selection of Plant Location*

*2.The Preparing of the Raw Material*

*3.Batching, Mixing, Pouring and Pre-Curing*

## **20. PROCESS FLOW DIAGRAM**

*1. Detailed Schematic Diagram of the Production Process*

*2. Energy and Mass Flow Balance Diagram of The Production Process*

*3. Production Process Steps*

## **21. PHYSICAL TEST REQUIREMENTS**

## **22. BUYER'S LIST**

*1. Contact Details of Buyer's*

*2. Name of Director(S)*

*3. Credit Ratings*

*4. Plant Capacity*

*5. Location of Plant*

*6. Company Wise Consumption Detail of the Raw Materials*

## **23. SUPPLIERS OF RAW MATERIALS**

## **24. SUPPLIERS OF PLANT & MACHINERY**

## **25. PHOTOGRAPHS/IMAGES FOR REFERENCE**

*1. Product Photographs*

*2. Raw Material Photographs*

*3. Machinery Photographs*

## **26. PLANT LAYOUT**



# Project Financials

- **Project at a Glance** **Annexure**
- Assumptions for Profitability workings .....1
- Plant Economics.....2
- Production Schedule.....3
- Land & Building.....4
  - Factory Land & Building
  - Site Development Expenses





- **Plant & Machinery.....5**
  - Indigenous Machineries**
  - Other Machineries (Miscellaneous, Laboratory etc.)**
  
- **Other Fixed Assets.....6**
  - Furniture & Fixtures**
  - Pre-operative and Preliminary Expenses**
  - Technical Knowhow**
  - Provision of Contingencies**
  
- **Working Capital Requirement Per Month.....7**
  - 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**



- **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**

- **Annexure 21** :: **Employees Expenses**
- **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**
- **Annexure 28** :: **Selling Expenses**

- **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**

For more Projects and further details, visit at:

**Project Reports & Profiles**

**BOOKS & DATABASES**

**Market Research Report**

# Must Visit Links

**Start a Business in Africa, [Click Here](#)**

**Start a Business in India, [Click Here](#)**

**Start a Business in Middle East, [Click Here](#)**

**Start a Business in Asia, [Click Here](#)**

**Start a Business in Potential Countries for Doing Business, [Click Here](#)**

**Best Industry for Doing Business, [Click Here](#)**

**Business Ideas with Low, Medium & High Investment, [Click Here](#)**

**Looking for Most Demandable Business Ideas for Startups, [Click Here](#)**

**Looking for Startup Consulting Services, [Click Here](#)**



# Reasons for Buying Our Report

- ✓ **The 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 it's 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 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**

## **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](#)**

## [Download Complete List of Project Reports](#)

- [Detailed Project Reports](#)

**Visit:-** <https://www.entrepreneurindia.co/complete-project-list>

**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](#)**

## Who are we?

**A trusted and leading name in the industry, we have been putting forth exceptionally integrated and comprehensive technical consultancy services. We believe that project consultancy serves as a critical element for the success of your projects. Moreover, we keep in mind that no client is the same and nor are the requirements. Therefore, we ensure uniqueness in every service you avail from us.**

## 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

## **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

# Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

- 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
- 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
- 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
- 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
- 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.
- 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.

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

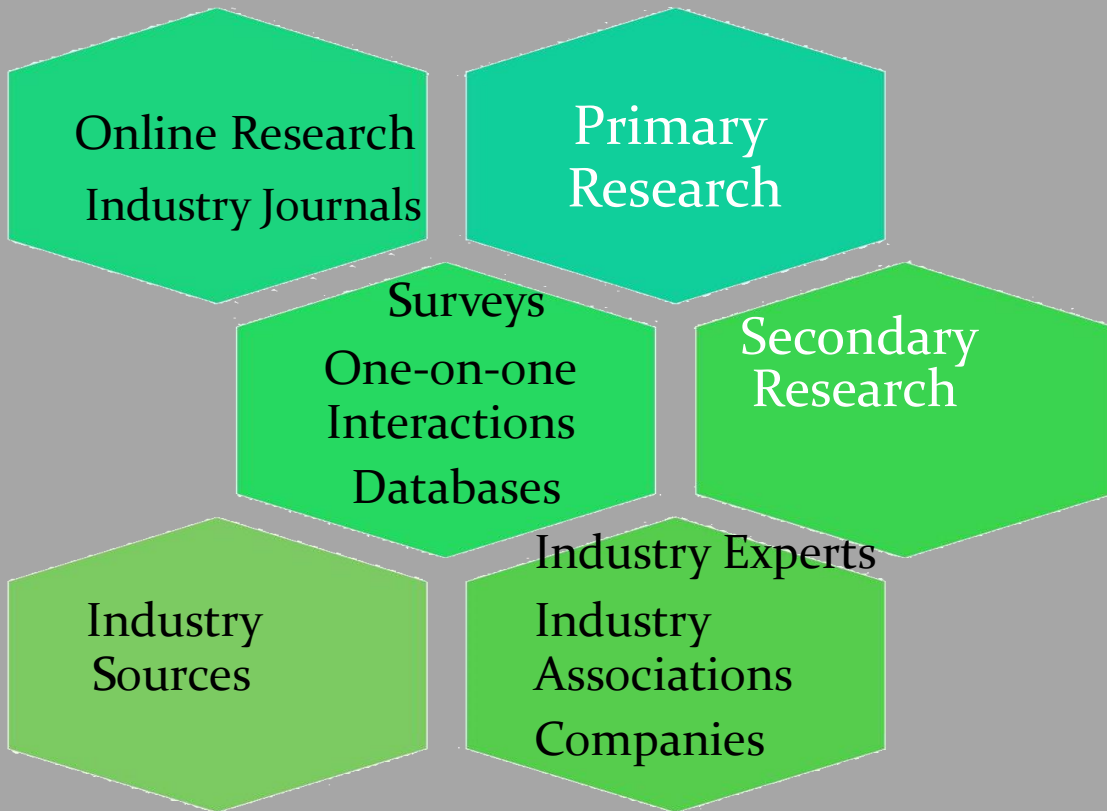
- To get a detailed scenario of the industry along with its structure and classification
- To provide a comprehensive analysis of the industry by covering aspects like:
  - Growth drivers of the industry
  - Latest market trends
  - Insights on regulatory framework
  - SWOT Analysis
  - Demand-Supply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



- 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 research team comprises of experts from various financial fields:

✧ MBA's

✧ Industry Researchers

✧ Financial Planners

✧ Research veterans with decades of experience



*Visit us at*



**[www.entrepreneurindia.co](http://www.entrepreneurindia.co)**



**[www.niir.org](http://www.niir.org)**

**[www.niir.org](http://www.niir.org)**

**[www.entrepreneurindia.co](http://www.entrepreneurindia.co)**

**Take a look at  
NIIR PROJECT CONSULTANCY SERVICES  
on #Street View**

[google-street-view](#)

**Locate us on  
[Google Maps](#)**

# ***NIIR PROJECT CONSULTANCY SERVICES***

**AN ISO 9001 : 2015 CERTIFIED COMPANY**



**AN ISO 9001 : 2015 CERTIFIED COMPANY**

# ***NIIR PROJECT CONSULTANCY SERVICES***

# **Entrepreneur India**

# Contact us

## **NIIR PROJECT CONSULTANCY SERVICES**

### **Entrepreneur India**

106-E, Kamla Nagar, Opp. Mall ST,

New Delhi-110007, India.

Email: [npcs.ei@gmail.com](mailto:npcs.ei@gmail.com) , [info@entrepreneurindia.co](mailto:info@entrepreneurindia.co)

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

Mobile: +91-9097075054, 8800733955

Fax: +91-11-23845886

Website : [www.entrepreneurindia.co](http://www.entrepreneurindia.co) , [www.niir.org](http://www.niir.org)

Take a look at **NIIR PROJECT CONSULTANCY SERVICES** on #StreetView

[google-street-view](https://www.google.com/maps/@28.6452711,77.1002811,15z)

# Follow us



<https://www.linkedin.com/company/niir-project-consultancy-services>



<https://www.facebook.com/NIIR.ORG>



<https://www.youtube.com/user/NIIRproject>



[https://twitter.com/npcs\\_in](https://twitter.com/npcs_in)



<https://www.pinterest.com/npcsindia/>





**For more information, visit us at:**

Thank you!

[www.entrepreneurindia.co](http://www.entrepreneurindia.co)

[www.niir.org](http://www.niir.org)