# **Profitable Investment Opportunity in Xanthan Gum** (Food and Oil Drilling Grade). **Industrial Production of Xanthan Gum**



# **Introduction**

Xanthan gum is a polysaccharide, which is manufactured from a wide range of sugars using fermentation process. It is mainly used as a thickener and stabilizer to improve the structural properties of the food products. Owing to these factors, they are used in the heavy end industries such as food & beverages, oil & gas, pharmaceuticals, and others.



Xanthan gum is a natural high molecular weight anionic polysaccharide and an important industrial biopolymer manufactured by the process of fermentation. Due to its unique properties, it is used in a variety of applications such as food and beverages, oil and gas, pharmaceuticals, personal care and cosmetics, agrochemicals, pet food, textiles printing, and chemical applications such as adhesives, ceramic glazes, foundry compounds, emulsions, lubricants, paints and coatings, and pesticides.



Xanthan gum consists of repeating units of five carbon ring structures (Pentasaccharides), containing glucuronic acid, mannose, and glucose (in molar ratio 2:2:1). Xanthan gum is manufactured by fermentation of sugars such as lactose, sucrose or glucose. After fermentation, the polysaccharide formed is extracted through precipitation from a nutrition/growth medium by adding isopropyl alcohol, drying and then grounding the extract into fine powder. Xanthan gum is formed by adding the powdered polysaccharide into a liquid medium.





#### **Uses:**

- Xanthan gum is a sugar-like compound made by mixing aged (fermented) sugars with a certain kind of bacteria. It is used to make medicine.
- Xanthan gum is used for lowering blood sugar and total cholesterol in people with diabetes. It is also used as a laxative.
- Xanthan gum is sometimes used as a saliva substitute in people with dry mouth.
- In manufacturing, xanthan gum is used as a thickening and stabilizing agent in foods, toothpastes, and medicines. Xanthan gum is also an ingredient in some sustained-release pills.



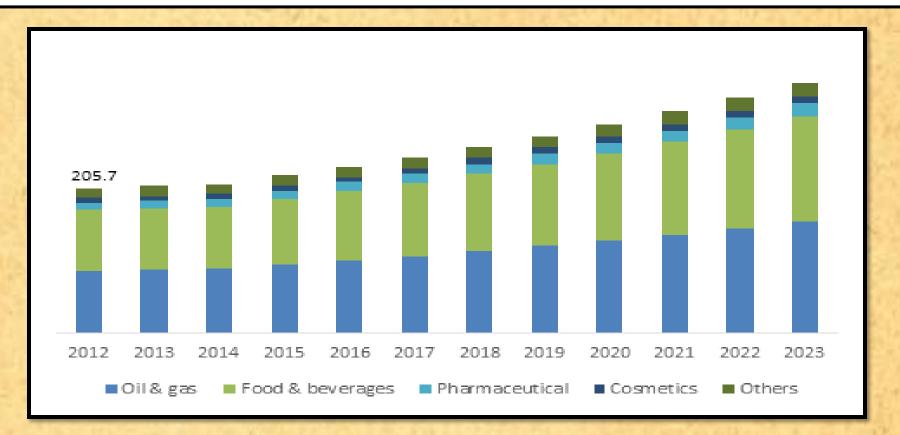
Oil & Gas firms are actively involved in setting up enhanced oil recovery (EOR) methods to improve crude oil & natural gas production from potential exhausting reserves that can propel industry expansion. Rising demand for food & beverages owing to fast growing population and improved customer lifestyle in BRICS nations is predicted to fuel industry growth. Food & beverages segment was evaluated at more than \$8.51 trillion for 2004 and crossed \$15.1 trillion mark for 2015.





### Xanthan Gum Market size, by Application, 2012-

### 2023 (Kilo Tons)





Increasing significance of cosmetic items like lotions, denture cleaners and shampoos along with growing consciousness about risks associated with synthetic personal care items are predicted to propel Xanthan gum market globally. Xanthan Gum is the bacterium which secrets polysaccharide which in is Xanthan Gum, which is commonly used as a food thickening agent (salad dressing) and a stabilizer. Xanthan Gum scientific name is Xanthomonas. Xantham Gum is produced by fermenting glucose, sucrose or lactose, followed by precipitation of polysaccharide from a growth medium with isopropyl alchohol, dried and ground into a fine powder. Later, it is added to a liquid medium to form the gum.



Change and growth in the food and beverage industry – including the demand for gluten-free products and increased consumption of convenience foods – is helping to expand the use of xanthan gum worldwide. The global market for xanthan gum is expected to top \$972 million by 2022.





Increasing use of xanthan gum as an emulsion across a wide array of applications including salad dressings, toppings, relishes, sauces, nonfat milk, dairy products, baked and frozen foods coupled with growth of food & beverage industry is anticipated to augment market growth. rowing population, changing lifestyle of consumers and rising number of restaurants and cafes especially in India and China coupled with increasing use of xanthan gum as a low price alternative to guar gum in a wide range of food applications is expected to result in high demand for xanthan gum. Increasing demand for petroleum and petrochemicals is expected to result in increasing use of xanthan gum over the forecast period as it is an important component employed in drilling fluids.



Xanthan gum is primarily used to retard drug release in tablets and is compatible with numerous stabilizers and thickeners. Growth in the pharmaceutical industry is likely to propel xanthan gum demand over the next six years.



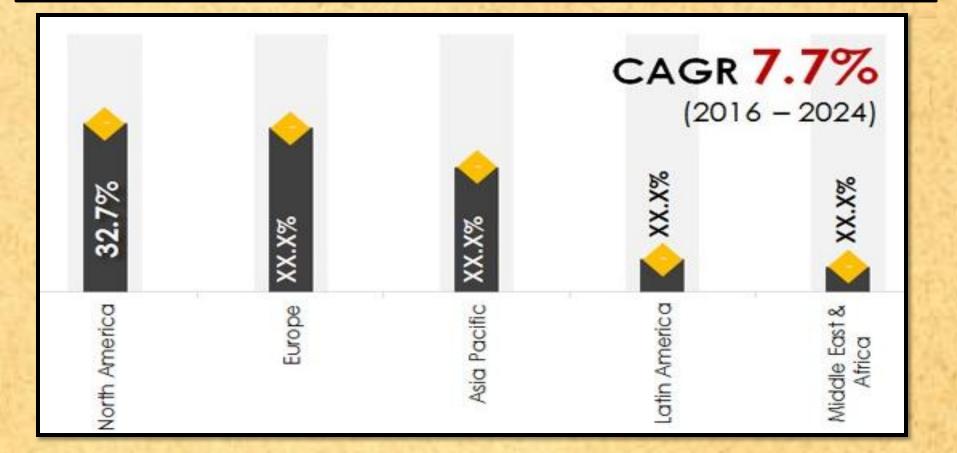
The food and beverage industry has and is likely to continue showing a heavy support for the global xanthan gum market in terms of demand. Moreover, the expansion of the food and beverage industry into a greater variety of convenience foods is expected to boost the global xanthan gum market even further. Another key driver for the global xanthan gum market is the inherent superiority of xanthan gum to other hydrocolloids. However, current restraints experienced by the global xanthan gum market include the reinforced anti-dumping policies by the U.S. and other developed economies on the import of these products from Austria and China, along with the overall mistrust of quality of xanthan gum supplied by China, which is the leading producer in the market.



In terms of volume, the global xanthan gum market is expected to expand at a CAGR of 7.3% for the above forecast period. The key end users of the global xanthan gum market include the industries of food and beverage, oil and gas, pharmaceuticals, personal care, and other minor end users such as lab research prospects and agrochemicals. The extremely high use of xanthan gum in the food and beverage industry is spread across the areas of bakery and confectionary, dairy and ice creams, meat and fish, beverages, and sauces and dressings.



# Global Xanthan Gum Market Share (%), By Region (2015)





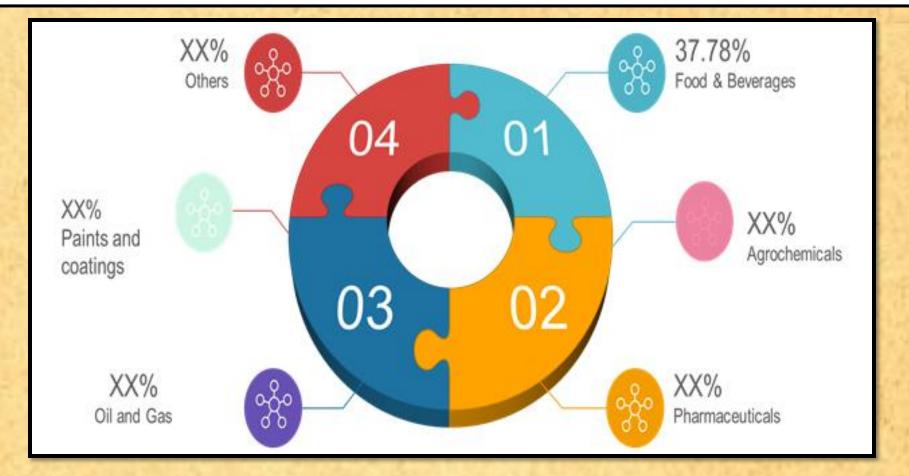
The increasing population and a growing economically-active population in Asia Pacific is further increasing demand for on-the-go foods. Increasing government investment in healthcare is also boosting pharmaceutical sales across the globe, which is driving the xanthan gums market.

A mounting demand for gluten-free foods is also driving the xanthan gum market. Xanthan gum is used in the gluten-free baking process for several products such as cookies, cakes and pancakes, muffins and quick breads, breads, pizza dough, and salad dressings. Among these, xanthan gum is used in large quantities in the preparation of pizza dough. The nutritional characteristic of xanthan gum further increases its acceptability, as it contains carbohydrates and fiber.



### Global Xanthan Gum Market Share, by End-use

### Industry, 2016

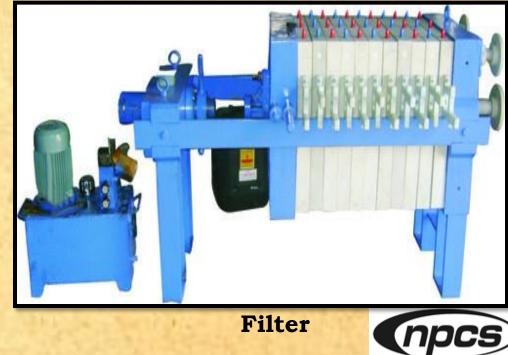


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## **Machinery Photographs**

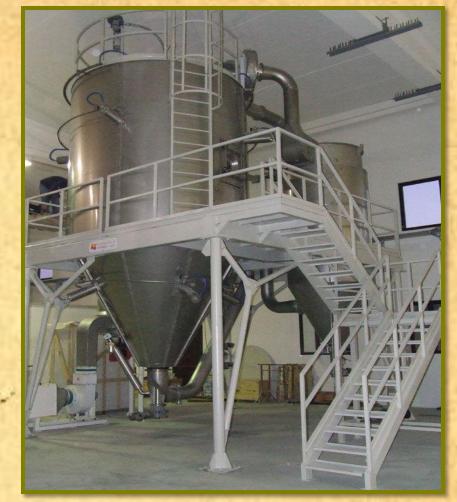


#### Storage Tank





Grinder



Dryer



							200 X 1 1 1 1 1
PROJECT AT A GLANCE							(` in lacs)
COST C	F PROJE	СТ	MEANS	OF FINAN	ICE		
Particulars	Existing	Proposed	Total	Particulars	Existing	Propose d	Total
Land & Site Development							
Exp.	0.00	55.00	55.00	Capital	0.00	79.46	79.46
Buildings	0.00	54.80	54.80	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	120.00	120.00	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	8.00	8.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	36.50	36.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	15.00	15.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	238.37	238.37
Preliminary& Pre-operative Exp	0.00	2.00	2.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	10.00	10.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	16.53	16.53				
TOTAL	0.00	317.83	317.83	TOTAL	0.00	317.83	317.83
							and the second second



Annu	alised			nd	Retained Earnings		Payou Probab t le Market Price		Ratio	Yield Price/ Book Value
EPS	CEPS	Per S	Share	Per Share	Per S	Per Share			No.of Times	
`	`	``	``	×	%	`	%	`		%
					100.0					
5.30	9.23	15.30	24.00	0.00	0	5.30	0.00	5.30	1.00	0.00
					100.0					
7.79	11.21	23.09	18.00	0.00	0	7.79	0.00	7.79	1.00	0.00
					100.0					
10.78	13.77	33.87	12.00	0.00	0	10.78	0.00	10.78	1.00	0.00
					100.0					
13.65	16.26	47.52	6.00	0.00	0	13.65	0.00	13.65	1.00	0.00
					100.0					
16.35	18.64	63.87	0.00	0.00	0	16.35	0.00	16.35	1.00	0.00
	EPS 5.30 7.79 10.78 13.65	````5.309.237.7911.2110.7813.7713.6516.26	Value      EPS    CEPS    Per S      5.30    9.23    15.30      7.79    11.21    23.09      10.78    13.77    33.87      13.65    16.26    47.52	Value      EPS    CEPS    Per Share      5.30    9.23    15.30    24.00      7.79    11.21    23.09    18.00      10.78    13.77    33.87    12.00      13.65    16.26    47.52    6.00	ValuendEPS $CEPS$ $Per$ $Per$ $Per$ 5.309.2315.3024.000.007.7911.2123.0918.000.0010.7813.7733.8712.000.0013.6516.2647.526.000.00	ValuendEarnEPSCEPSPer SharePer SharePer Share $3.30$ 9.2315.3024.000.00100.0 $7.79$ 11.2123.0918.000.00010.7813.7733.8712.000.00013.6516.2647.526.000.000	ValuendEaringsEPSCEPSPer SharePer SharePer Share5.309.2315.3024.000.0005.307.7911.2123.0918.000.0007.7910.7813.7733.8712.000.000100.013.6516.2647.526.000.00013.65	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	ValuendEarningstIe Market PriceEPSCEPSPersharePer NPer N995.309.2315.3024.000.0005.300.005.307.7911.2123.0918.000.0007.790.007.7910.7813.7733.8712.000.00010.780.0010.7813.6516.2647.526.000.00013.650.0013.65	ValuendEarnings $t$ le Market PriceRatioEPSCEPSPer SharePer No.07Per SharePer ShareNo.075.309.2315.3024.000.0005.300.005.301.007.7911.2123.0918.000.0007.790.007.79100.010.7813.7733.8712.000.00010.780.0010.781.0013.6516.2647.526.000.00013.650.0013.651.00



Year	D	). S. C. R.		-	Equity as- Equity	Net Wort	n on	Profitability Ratio				Assets Turnov er Ratio		
	Individ ual	Cumulat ive	Overa II					GPM	PBT	PAT	Net Contri bution			
	(Number of (Number of times)%%				%	%		%						
Initia I				3.00	3.00									
1- 2	1.35	1.35		1.57	1.57	1.87		24.35 %	13.92%	9.96%		79.24 %	1.26	0.94
2-3		1.47		0.78	0.78	1.02		27.07 %		12.54				1.39
3-4	1.98	1.63	1.99	0.35	0.35	0.54		30.06 %	23.58%	15.19 %	432.1 0	76.61 %	1.40	2.01
4-5	2.43	1.80		0.13	0.13	0.27		32.04 %	26.86%	17.09 %	486.0 2	76.60 %	1.35	2.75
5-6	2.96	1.99		0.00	0.00	0.12		33.30 %	29.13%	18.43 %	539.9 5	76.59 %	1.26	6.42
													Contraction in the	1



### BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	58.47%
Total BEP (% of Installed Capacity)	61.84%
IRR, PAYBACK and FACR	
Internal Rate of Return (In %age)	26.10%
	2 Years 3
Payback Period of the Project is (In Years)	Months
Fixed Assets Coverage Ratio (No. of times)	3.896



## **Major Queries/Questions Answered in the Report?**

- 1. What is Xanthan Gum (Food and Oil Drilling Grade) Manufacturing industry ?
- 2. How has the Xanthan Gum (Food and Oil Drilling Grade) Manufacturing industry performed so far and how will it perform in the coming years ?
- 3. What is the Project Feasibility of Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Plant ?
- 4. What are the requirements of Working Capital for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant ?



5. What is the structure of the Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business and who are the key/major players ?

- 6. What is the total project cost for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business?
- 7. What are the operating costs for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant ?
- 8. What are the machinery and equipment requirements for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant ?



9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant ?

10. What are the requirements of raw material for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant ?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business?

12. What is the Manufacturing Process of Xanthan Gum (Food and Oil Drilling Grade) ?



13. What is the total size of land required for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant ?

14. What will be the income and expenditures for Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business?

- **15. What are the Projected Balance Sheets of Xanthan Gum** (Food and Oil Drilling Grade) Manufacturing plant ?
- 16. What are the requirement of utilities and overheads for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant?
- 17. What is the Built up Area Requirement and cost for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business?



18. What are the Personnel (Manpower) Requirements for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business?

**19. What are Statistics of Import & Export for Xanthan Gum (Food and Oil Drilling Grade) ?** 

20. What is the time required to break-even of Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business?

21. What is the Break-Even Analysis of Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant?

22.What are the Project financials of Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business?



23. What are the Profitability Ratios of Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Project?

24. What is the Sensitivity Analysis-Price/Volume of Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant?

- 25. What are the Projected Pay-Back Period and IRR of Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant?
- 26. What is the Process Flow Sheet Diagram of Xanthan Gum (Food and Oil Drilling Grade) Manufacturing project?



27. What are the Market Opportunities for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing plant?

28. What is the Market Study and Assessment for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business?

29. What is the Plant Layout for setting up Xanthan Gum (Food and Oil Drilling Grade) Manufacturing Business?







- **PROJECT LOCATION**
- 1.1. DISTRICT PROFILE & GEOTECHNICAL SITE CHARACTERIZATION
- 1.1.1. General
- 1.1.2. Map

1.

- 1.1.3. Physical Characteristics
- 1.1.4. Climate & Rainfall
- 1.1.5. Transportation & Communications
- 1.1.6. Economy & Industries
- 1.1.7. Focus Industry Sectors
- 2. INTRODUCTION
- 3. USES & APPLICATION
- 4. **PROPERTIES**
- 5. MARKET SURVEY
- 6. EXPORT & IMPORT: ALL COUNTRIES
- 6.1. EXPORT: ALL COUNTRIES
- 6.2. IMPORT: ALL COUNTRIES
- 7. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES
- 7.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE
- 7.2. PROFITS & APPROPRIATIONS
- 7.3. TOTAL LIABILITIES



- 7.4. TOTAL ASSETS
- 7.5. NET CASH FLOW FROM OPERATING ACTIVITIES
- 7.6. SECTION I
- 7.6.1. Name of Company with Contact Details
- 7.6.2. Name of Director(S)
- 7.6.3. Credit Ratings
- 7.6.4. Plant Capacity
- 7.6.5. Location of Plant
- 7.6.6. Name of Raw Material(S) Consumed With Quantity & Cost
- 7.7. SECTION II
- 7.7.1. Assets
- 7.7.2. Cash Flow
- 7.7.3. Cost as % Ge of Sales
- 7.7.4. Forex Transaction
- 7.7.5. Growth in Assets & Liabilities
- 7.7.6. Growth in Income & Expenditure
- 7.7.7. Income & Expenditure
- 7.7.8. Liabilities
- 7.7.9. Liquidity Ratios
- 7.7.10. Profitability Ratio
- 7.7.11. Profits
- 7.7.12. Return Ratios
- 7.7.13. Structure of Assets & Liabilities (%)
- 7.7.14. Working Capital & Turnover Ratios



- 8. COMPANY PROFILE OF MAJOR PLAYERS
- 9. EXPORT & IMPORT STATISTICS DATA OF INDIA
- 9.1. EXPORT STATISTICS DATA FOR XANTHAN GUM
- 9.2. IMPORT STATISTICS DATA FOR XANTHAN GUM
- **10. PRESENT MANUFACTURERS**
- **11. RAW MATERIAL**
- **12. COMPOSITION OF THE FERMENTATION MEDIA**
- **13. MANUFACTURING PROCESS**
- 13.1. FOOD GRADE XANTHAN GUM
- 13.2. OIL DRILLING GRADE XANTHAN GUN
- 14. PROCESS FLOW DIAGRAM
- **15. LIST OF MACHINERY**
- **16. SUPPLIERS OF PLANT & MACHINERY**



**16. SUPPLIERS OF PLANT & MACHINERY** 

**17. SUPPLIERS OF RAW MATERIAL** 

**18. PHOTOGRAPHS/IMAGES FOR REFERENCES** 

- 18.1. PRODUCT PHOTOGRAPHS
- 18.2. MACHINERY PHOTOGRAPHS
- 18.3. RAW MATERIAL PHOTOGRAPHS

### 19.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.) 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** 



- 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 ::
- Annexure 18 ::
- Annexure 19

- **Total Lab & ETP Chemical Cost**
- **Consumables, Store etc.**
- Packing Material Cost
- Annexure 20 :: Packing Material Cost Per Unit



Annexure 21 •••

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- Annexure 22 •••
- Annexure 23
- Annexure 24
- Annexure 25
- Annexure 26
- Annexure 27
- Annexure 28 •••

- **Employees Expenses** 
  - **Fuel Expenses** 
    - **Power/Electricity Expenses**
    - **Royalty & Other Charges** 
      - **Repairs & Maintenance Expenses**
      - **Other Manufacturing Expenses**
      - **Administration Expenses**
- **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



### **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 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 to anticipate the industry performance and make sound business decisions







• 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 Xanthan Gum (Food and Oil Drilling Grade)." provides an insight into Xanthan Gum (Food and Oil Drilling Grade) market in India with focus on uses and applications, Manufacturing **Process, Process Flow Sheets, Plant Layout and Project Financials of** Xanthan Gum (Food and Oil Drilling Grade) project. The report assesses the market sizing and growth of the Indian Xanthan Gum (Food and Oil Drilling Grade) 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 Xanthan Gum (Food and Oil Drilling Grade) sector in India along with its business prospects. Through this report we have identified Xanthan Gum (Food and Oil Drilling Grade) project as a lucrative investment avenue.

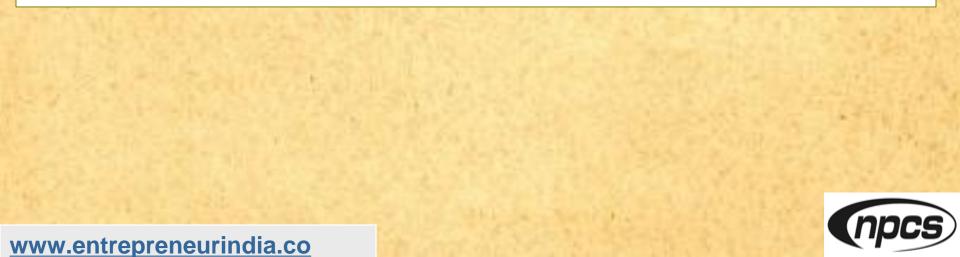


# Tags

Xanthan Gum Manufacture, Xanthan Gum Manufacturing Plant, Xanthan Gum Production, Production, Recovery and Applications of Xanthan Gum, Xanthan Production, Industrial Production of Xanthan Gum, Xanthan Gum can be produce by Aerobic Fermentation Process, Production of Xanthan Gum by Fermentation, Fermentation (Industrial) Production of Xanthan Gum, Xanthan Gum Production PPT, Xanthan Gum Production Flow Chart, Xanthan Gum is a polysaccharide, Xanthan Gum Production Process, Xanthan Gum Uses, Xanthan Gum Production, Process for Xanthan Gum Production, Xanthan Gum: Properties, Production, Xanthan Gum Fermentation, Xanthan Gum Production By Xanthomonas Campestris, Xanthan Gum Chemical Properties, Xanthan Gum Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Xanthan Gum Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Xanthan Gum Manufacturing Industry in India, Xanthan Gum Manufacturing Projects,



New project profile on Xanthan Gum Manufacturing industries, Project Report on Xanthan Gum Manufacturing Industry, Detailed Project Report on Xanthan Gum Manufacturing, Project Report on Xanthan Gum Production, Pre-Investment Feasibility Study on Production of Xanthan Gum by Fermentation, Techno-Economic feasibility study on Production of Xanthan Gum by Fermentation, Feasibility report on Production of Xanthan Gum by Fermentation, Free Project Profile on Xanthan Gum Production, Project profile on Production of Xanthan Gum by Fermentation, Download free project profile on Xanthan Gum Production, Startup Project for Xanthan Gum Production



### Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Profitable Investment Opportunity in Xanthan Gum (Food and Oil Drilling Grade). Industrial Production of Xanthan Gum

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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......<u>Read more</u>



# **Contact us**

#### **NIIR PROJECT CONSULTANCY SERVICES**

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# An ISO 9001:2015 Company



## Who are we?

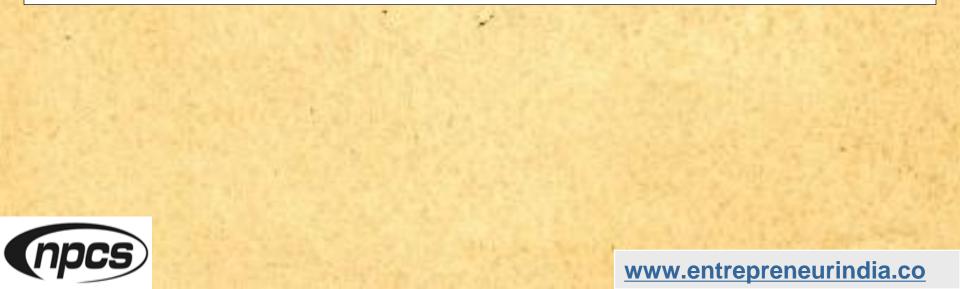
- One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services
- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad



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** 



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