



# Production of Indian Kitchen Spices

*(Turmeric Powder, Red Chilli Powder, Dhaniya Powder, Garam Masala, Sabji Masala, Popcorn Masala), Masala Powder,*

## Manufacturing and Processing of

## India's Treasured Export



## **Introduction**

***Spices are the aromatic parts of tropical plants traditionally used to flavour food, or the dried seeds or fruit of temperate plants used in the same way. Spices are the buds, bark, roots, berries and aromatic seeds that are harvested for use in flavouring cooking.***

***Some typically dried spices are used in their fresh form in the countries that produce them. Many of the world's highly prized spices—such as cardamom, cinnamon, cloves, ginger, and pepper—are fragrant or pungent plant products cultivated in tropical and subtropical regions.***

***India, known as the home of spices, boasts a long history of trading with the ancient civilisations of Rome and China. Today, Indian spices are the most sought-after globally, given their exquisite aroma, texture, taste and medicinal value. India has the largest domestic market for spices in the world. Traditionally, spices in India have been grown in small land holdings, with organic farming gaining prominence in recent times. India is the world's largest producer, consumer and exporter of spices; the country produces about 75 of the 109 varieties listed by the International Organization for Standardization (ISO) and accounts for half of the global trading in spices.***

## ***Indian Spices – An Overview***

- ***India is the world's largest producer, consumer and exporter of spices***
- ***India accounts for half of the global trading in spices***
- ***India produces ~75 of the 109 varieties of spices listed by ISO***
- ***Organic spice farming is gaining prominence in India***
- ***Export of Indian spices are expected to touch US\$3 billion by 2016-***  
***17***





***India is the largest producer, consumer, and exporter of spices in the world. The demand scenario for major spices in India has been comprehensively examined in the study. The shift in preferences of domestic consumers for food items, increasing urbanization and rising incomes, altered demographic and social factors and the changes in productivity of spices have brought about changes in the pattern of their consumption and demand.***




***Indian spices command a formidable position in world spice trade. The Indian spices industry exported 8, 93,920 tonnes of spices and spice products during 2014-15, valued at US\$2,432.85 million. India's spice exports comprise whole spices, organic, spice mixes, spice blends, freeze dried, curry powders/mixtures, oleoresins, extracts, essential oils, spice in brine and other value added spices.***

***Exports of Indian spices and spice products surged to a record growth in 2016-17, touching 9, 47,790 tonne, valued at Rs 17,664.61 crore (\$2,633.30 million), thereby registering an increase of 12% in volume, 9% in rupee terms and 6% in dollar terms.***

***Today, Indian spices are the most sought-after globally, given their exquisite aroma, texture, taste and medicinal value. India has the largest domestic market for spices in the world. Traditionally, spices in India have been grown in small land holdings, with organic farming gaining prominence in recent times. India is the world's largest producer, consumer and exporter of spices. Demand for Indian spices is high because they are clean and hygienic as compared to that of other countries.***

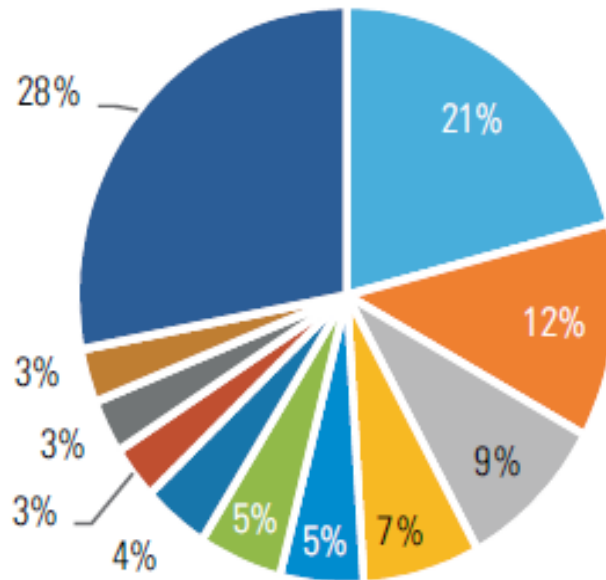




***Spices mostly found its origins in the sub-continent with India attracting spice traders from Europe and East Asia for centuries. In modern times, United States of America and Europe can be considered as the two biggest markets for spices, herbs and spice products. In terms of the value of world trade, pepper, cardamom, ginger, turmeric, chilli, cinnamon nutmeg/mace, cloves, pimento and vanilla are the most important spice crops from tropical regions and cumin, coriander, sesame seeds, mustard, sage, bay, oregano thyme and mint are the spices crops from the non-tropical regions.***



## Top Exporters and Share of Trade in 2016



India China Indonesia Madagascar Netherlands Germany  
Spain Brazil Sri Lanka Guatemala Other



## ***Top Importers in 2016***

<b>Country</b>	<b>Qty in MT</b>	<b>Value in million USD</b>	<b>Rank in value terms</b>	<b>% Share</b>
USA	85,754	250	1	12%
Germany	40,008	138	2	9%
Netherlands	73,681	137	3	7%
Japan	75,288	129	4	6%
United Kingdom	54,315	113	5	6%
Spain	18,202	94	6	5%
United Arab Emirates	69,927	82	7	4%
France	15,721	72	8	4%
India	49,072	64	9	3%
Pakistan	77,918	61	10	3%

***On the basis of geography, the report segments the global spice market into Europe, North America, Asia Pacific, and Rest of the World. Of these, North America is presently the most attractive regional market for spices, followed by Europe, Asia Pacific, and the Rest of the World. Rising awareness regarding the medicinal properties of spices will continue to keep the demand for spices high in North America over the forecast period as well. The region is expected to gain traction and witness high growth in terms of revenue over the report's forecast period.***

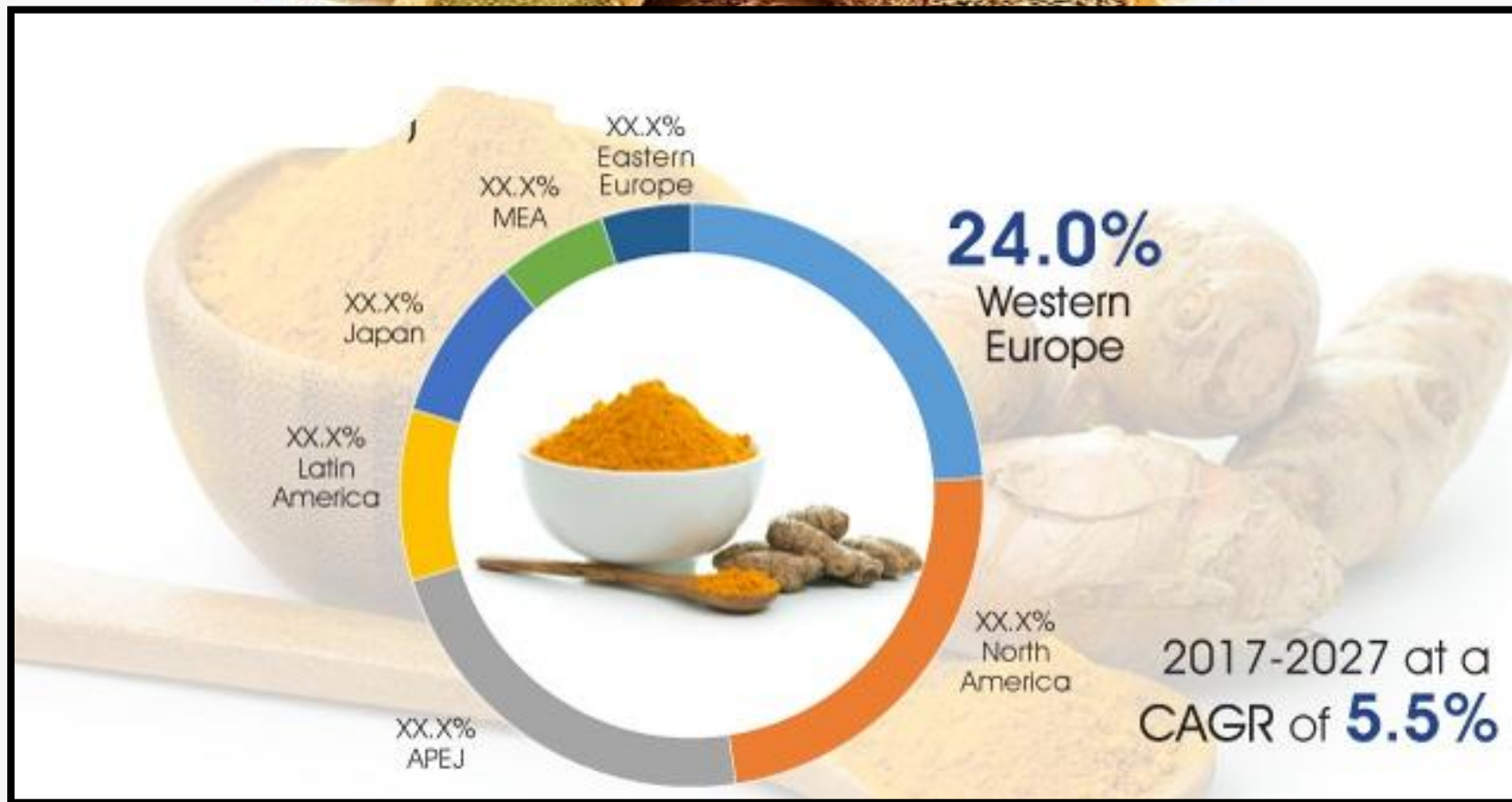
***Growth of spices industry in European Union will continue to witness a growth at a significant pace in the coming years owing to increasing popularity of ethnic taste in the region. Presence of multicultural population in Europe and growing trend of travelling to more and more exotic places have shifted European consumers taste to Indian food and flavours resulting in increasing demand for spices including turmeric. Small scale food processors, retailers and ethnic food have high presence in developing ethnic food taste in Western Europe. However, large retailers and multinationals are also increasingly active in this market which is increasing the revenue share of turmeric in the global turmeric market.***


***Strong demand for turmeric in European market due to changing health perception is the fuelling factor for the turmeric market in Europe. European consumer are adopting healthier lifestyle. European countries are having a population the overweight issues. Increasing aging population is also triggering the risk of developing joint related health conditions. This is further escalating demand for curcuma longa as an important ingredient in their diet.***





# Global Turmeric Market Value Share (%), By Region (2017)

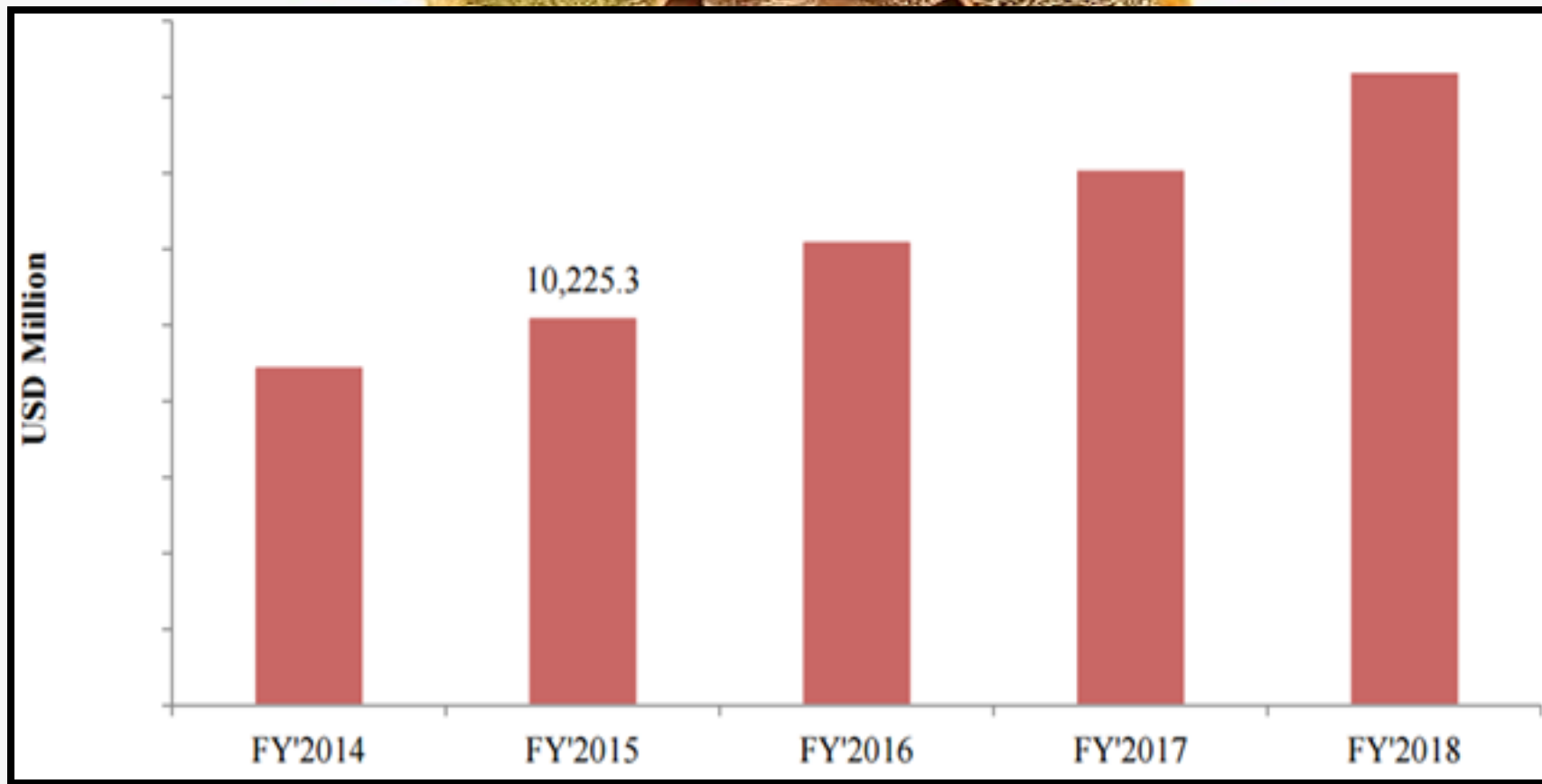




***In terms of volume, the consumption of turmeric is estimated to be 1,049,490.5 MT by 2017 end, and is forecast to reach 1,696,519.8 MT by 2027 end, expanding at a CAGR of 4.9% during the forecast period.***



*Indian Spices Market Future Projections on the basis  
of Revenues in USD Million, FY' 2014- FY'2018*



***Indian states like Andhra Pradesh, Gujarat, Rajasthan, Orissa and Madhya Pradesh are the five leading states for the production of spices. The new age urban population around the world is extremely health conscious which is causing rise in demands for organic spices. The three biggest clients of spice manufacturers include retail, industrial and catering sector.***

***Andhra Pradesh leads the country in the production of chilli and turmeric, with 49% and 57% respectively. Rajasthan is the largest producer of coriander, cumin and fenugreek, and the figures stand at 63%, 56% and 87% respectively.***

***Spices are generally sold at premium prices and also in greater demand which can further enhance export revenues in major spice producing countries. Spices farming mechanism starts at grass root level conserving the generative and renewing capacity of the soil, plant nutrition, and soil management, yields nutritious food rich in vitality which has resistance to diseases.***

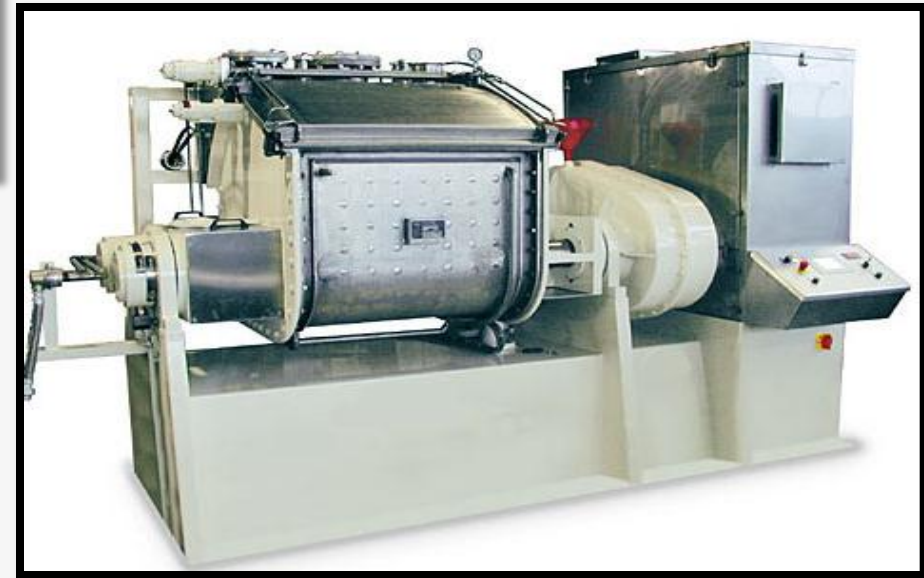
***Increasing demand of natural flavoring and coloring agents in food, medicinal properties and health benefits are driving the spices market. There is high demand for spices from regions like Asia Pacific, Middle East and Europe.***



# Machinery Photographs



**Drying Machine**



**Sigma Type Mixer**



**Grading Machine**



**Hammer Pulverizer**

# Project at a Glance

## PROJECT AT A GLANCE

(` in lacs)

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	26.00	26.00	Capital	0.00	30.19	30.19
Buildings	0.00	45.30	45.30	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	12.76	12.76	Other Type Share	0.00	0.00	0.00
Motor Vehicles	0.00	4.00	4.00	Capital	0.00	0.00	0.00
Office Automation Equipments	0.00	9.90	9.90	Reserves & Surplus	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	2.50	2.50	Cash Subsidy	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Internal Cash Accruals	0.00	0.00	0.00
Preliminary & Pre-operative Exp	0.00	0.50	0.50	Long/Medium Term Borrowings	0.00	90.58	90.58
Provision for Contingencies	0.00	1.20	1.20	Debentures / Bonds	0.00	0.00	0.00
Margin Money - Working Capital	0.00	18.62	18.62	Unsecured Loans/Deposits	0.00	0.00	0.00
<b>TOTAL</b>	<b>0.00</b>	<b>120.78</b>	<b>120.78</b>	<b>TOTAL</b>	<b>0.00</b>	<b>120.78</b>	<b>120.78</b>



# Project at a Glance

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/Book Value
	EPS	CEPS	Per Share		Per Share	Per Share		%		No.of Times	%
1-2	5.72	8.52	15.72	24.00	0.00	100.00	5.72	0.00	5.72	1.00	0.00
2-3	8.72	11.20	24.44	18.00	0.00	100.00	8.72	0.00	8.72	1.00	0.00
3-4	11.64	13.84	36.08	12.00	0.00	100.00	11.64	0.00	11.64	1.00	0.00
4-5	14.43	16.39	50.51	6.00	0.00	100.00	14.43	0.00	14.43	1.00	0.00
5-6	17.08	18.82	67.59	0.00	0.00	100.00	17.08	0.00	17.08	1.00	0.00

# Project at a Glance

Year	D. S. C. R.			Debt / Equity - Deposits Debt	Equity as-Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%	%			
Initial				3.00	3.00									
1-2	1.27	1.27		1.53	1.53	2.64		18.23%	9.26%	6.08%	150.25	52.83%	1.67	1.11
2-3	1.60	1.43		0.74	0.74	1.56		20.00%	12.37%	7.94%	142.25	42.87%	1.77	1.30
3-4	1.99	1.60	1.98	0.33	0.33	0.97		21.19%	14.57%	9.27%	161.78	42.66%	1.78	1.54
4-5	2.45	1.79		0.12	0.12	0.63		21.97%	16.11%	%	181.31	42.50%	1.73	1.82
5-6	2.99	1.98		0.00	0.00	0.42		22.47%	17.20%	%	200.85	42.37%	1.64	2.57



# Project at a Glance




## BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	54.05%
Total BEP (% of Installed Capacity)	56.67%
IRR, PAYBACK and FACR	
Internal Rate of Return .. ( In %age )	27.02%
Payback Period of the Project is ( In Years )	2 Years 4 Months
Fixed Assets Coverage Ratio ( No. of times )	6.804



## Major Queries/Questions Answered in the Report?

- 1. What is Spices Processing industry ?**
- 2. How has the Spices Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Spices Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Spices Processing plant ?**

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- 5. What is the structure of the Spices Processing Business and who are the key/major players ?**
  - 6. What is the total project cost for setting up Spices Processing Business?**
  - 7. What are the operating costs for setting up Spices Processing plant ?**
  - 8. What are the machinery and equipment requirements for setting up Spices Processing plant ?**




**9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Spices Manufacturing plant ?**

**10. What are the requirements of raw material for setting up Spices Manufacturing plant ?**

**11. Who are the Suppliers and Manufacturers of Raw materials for setting up Spices Processing Business?**

**12. What is the Manufacturing Process of Spices?**

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- 13. What is the total size of land required for setting up Spices Processing plant ?**
  - 14. What will be the income and expenditures for Spices Processing Business?**
  - 15. What are the Projected Balance Sheets of Spices Manufacturing plant ?**
  - 16. What are the requirement of utilities and overheads for setting up Cement Spices Processing plant?**
  - 17. What is the Built up Area Requirement and cost for setting up Spices Processing Business?**



**18. What are the Personnel (Manpower) Requirements for setting up Spices Manufacturing Business?**

**19. What are Statistics of Import & Export Spices?**

**20. What is the time required to break-even of Spices Processing Business?**

**21. What is the Break-Even Analysis of Spices Processing plant?**

**22. What are the Project financials of Cement Manufacturing Business?**

**23. What are the Profitability Ratios of Cement Manufacturing Project?**

**24. What is the Sensitivity Analysis-Price/Volume of Cement Manufacturing plant?**

**25. What are the Projected Pay-Back Period and IRR of Cement Manufacturing plant?**

**26. What is the Process Flow Sheet Diagram of Spices Processing project?**

- 
- 27. What are the Market Opportunities for setting up Spices Processing plant?**
- 28. What is the Market Study and Assessment for setting up Spices Processing Business?**
- 29. What is the Plant Layout for setting up Spices Processing Business?**



# Table of Contents of the Project Report

## **1. PROJECT LOCATION**

- 1.1. DISTRICT: DISTRICT PROFILE & GEOTECHNICAL SITE CHARACTERIZATION
  - 1.1.1. General
  - 1.1.2. Geography
  - 1.1.3. Climate
  - 1.1.4. History
  - 1.1.5. Map
  - 1.1.6. Demographics
  - 1.1.7. Administrative Set Up
  - 1.1.8. Industry at a Glance
  - 1.1.9. Geomorphology and Soils
  - 1.1.10. Ground Water Scenario
  - 1.1.11. Transport

## **2. INTRODUCTION**

## **3. USES & APPLICATION**

- 3.1. MASALA
- 3.2. SPICE BLENDS

## **4. HEALTH BENEFITS OF SPICES**

## **5. PROPERTIES OF SPICES**



## **6. LIST OF SPICES IN ASIA**

## **7. CLASSIFICATION OF SPICES**

## **8. DIFFERENT TYPES OF MASALA**

## **9. B.I.S. SPECIFICATION**

- 9.1. IS 1798: 2010 SPICES AND CONDIMENTS – BLACK PEPPER, WHOLE AND GROUND – SPECIFICATION (SECOND REVISION)
- 9.2. IS 2322: 2010 SPICES AND CONDIMENTS – CHILLIES, WHOLE AND GROUND (POWDERED) – SPECIFICATION (THIRD REVISION)
- 9.3. IS 3576: 2010 SPICES AND CONDIMENTS – TURMERIC, WHOLE AND GROUND – SPECIFICATION (THIRD REVISION)
- 9.4. IS 13545: 1992 INDIAN STANDARD GARAM MASALA - SPECIFICATION
- 9.5. IS 13895: 1994 SPICES AND CONDIMENTS – TAMARIND POWDER – SPECIFICATION

## **10. MARKET SURVEY**

- 10.1. EXPORT HIGHLIGHTS AND KEY MARKETS
- 10.2. MARKET OF SPICES
- 10.3. GOVERNMENT INITIATIVES TO PROMOTE EXPORTS OF INDIAN SPICES
- 10.4. INDIAN MARKET CENTERS

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

- 11.1. EXPORT: ALL COUNTRIES FOR OTHER POWDER OF OTHER SPICES
- 11.2. IMPORT: ALL COUNTRIES FOR OTHER POWDER OF OTHER SPICES
- 11.3. EXPORT: ALL COUNTRIES FOR OTHER SPICES
- 11.4. IMPORT: ALL COUNTRIES FOR OTHER SPICES
- 11.5. EXPORT: ALL COUNTRIES FOR TURMERIC
- 11.6. IMPORT: ALL COUNTRIES FOR TURMERIC

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

- 12.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE
- 12.2. PROFITS & APPROPRIATIONS
- 12.3. TOTAL LIABILITIES
- 12.4. TOTAL ASSETS
- 12.5. NET CASH FLOW FROM OPERATING ACTIVITIES
- 12.6. SECTION – I
  - 12.6.1. Name of Company with Contact Details
  - 12.6.2. Name of Director(S)
  - 12.6.3. Plant Capacity
  - 12.6.4. Location of Plant
  - 12.6.5. Name of Raw Material (S) Consumed with Quantity & Cost
- 12.7. SECTION – II
  - 12.7.1. Assets
  - 12.7.2. Cash Flow
  - 12.7.3. Cost as % Ge of Sales
  - 12.7.4. Forex Transaction

- 12.7.5. Growth in Assets & Liabilities
- 12.7.6. Growth in Income & Expenditure
- 12.7.7. Income & Expenditure
- 12.7.8. Liabilities
- 12.7.9. Liquidity Ratios
- 12.7.10. Profitability Ratio
- 12.7.11. Profits
- 12.7.12. Return Ratios
- 12.7.13. Structure of Assets & Liabilities (%)
- 12.7.14. Working Capital & Turnover Ratios

### **13. EXPORT & IMPORT: STATISTICS DATA OF INDIA**

- 13.1. EXPORT: STATISTICS DATA FOR TURMERIC POWDER
- 13.2. IMPORT: STATISTICS DATA FOR TURMERIC POWDER
- 13.3. EXPORT: STATISTICS DATA FOR CHILLI POWDER
- 13.4. EXPORT: STATISTICS DATA FOR GARAM MASALA
- 13.5. IMPORT STATISTICS DATA FOR GARAM MASALA
- 13.6. EXPORT: STATISTICS DATA FOR CORIANDER POWDER
- 13.7. IMPORT STATISTICS DATA FOR CORIANDER POWDER
- 13.8. EXPORT STATISTICS DATA FOR VEGETABLE MASALA
- 13.9. IMPORT STATISTICS DATA FOR VEGETABLE MASALA

### **14. PRESENT MANUFACTURERS**

**15. RAW MATERIAL**

**16. AGMARK SPECIFICATION OF SPICES**

**17. FORMULAS FOR SPICES**

**18. MANUFACTURING PROCESS**

**19. PROCESS FLOW DIAGRAM**

**20. MANUFACTURING PROCESS OF TURMERIC POWDER**

**21. PACKING TYPES OF MASALA POWDER**

21.1. BULK PACKAGING

21.2. INSTITUTIONAL PACKAGES

21.3. CONSUMER PACKAGES

21.4. MARKING OF MASALA PACKAGES

**22. HYGIENE & HEALTH REQUIREMENT OF SPICES**

22.1. COMMUNICABLE DISEASES AND INJURIES

22.2. GENERAL FOOD HYGIENE TRAINING

22.3. SAFETY DURING PACKAGING AND LABELLING OF FOODS

## **23. RESTRICTIONS OF ADVERTISEMENT AND PROHIBITION AS TO UNFAIR TRADE PRACTICES**

### **24. QUALITY CONTROL**

24.1. QUALITY ASSURANCE IN RAW MATERIAL SUPPLY

24.2. QUALITY ASSURANCE AND CONTROL IN THE PROCESSING PLANT

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

### **26. SUPPLIERS OF RAW MATERIAL**

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

27.1. RAW MATERIAL PHOTOGRAPHS

27.2. MACHINERY PHOTOGRAPHS

27.3. PRODUCT PHOTOGRAPHS

### **28. PLANT LAYOUT**

### **29. QUOTATION OF PLANT, MACHINERY AND EQUIPMENTS FROM SUPPLIER**




# *Project Financials*

<b>Project at a Glance</b>	<b>Annexure</b>
• 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**

# 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 Approach:

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





## ***Scope of the Report***

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Spices (Turmeric Powder, Red Chilli Powder, Dhaniya Powder, Garam Masala, Sabji Masala, Popcorn Masala) provides an insight into Spices market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Spices project. The report assesses the market sizing and growth of the Indian Spices 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 Spices sector in India along with its business prospects. Through this report we have identified Spices project as a lucrative investment avenue.**

# Tags

Spices Processing, Spice Business Plan, How to Start a Spices Business, Spices Business Plan Pdf, Spices Manufacturing Process, Scope of Spices Business in India, Spices Small Scale Industry, Spices Processing Pdf, Spices Processing PPT, Starting a Spice Business, How to Start Spices Production Business, Start Food Spicing Business, How to Start Masala Business, Investment Opportunity in Setting up Spices Processing Business, Spice Processing Plant, Most Profitable Food Processing Project, Spices Processing Industry, Masala Powder Manufacturing Plant, Manufacture of Indian Kitchen Spices, Masala Making Unit, How to Start a Spice Manufacturing Industry, Spices Manufacturing Plant, Spice Processing Unit, Spice Manufacturing Process Flow Chart, Automatic Spice Grinding Plant, Masala Factory Project, How to Start Masala Factory, Masala Manufacturing Process, Ground and Processed Spices, Whole Spices Processing, Spice Production, Manufacturing Process of Masala, Spice Plant, Spices Unit, Manufacturing Process of Grinding Masala, Garam Masala Manufacturing Plant, Spice Industry, Project Report on Masala Manufacturing, Turmeric Processing, Processing of Turmeric, Turmeric Powder Processing Industry, Turmeric Powder Processing Business, Chili Powder Processing, Red Chilli Powder Manufacturing, Red Chilli Powder Manufacturing Plant, Chilli Processing PPT, Chili Powder Manufacturing Process, Chili Powder Manufacturing Project Report, Dhaniya Processing Plant (Coriander), Dhaniya Powder, Cooking Spices and Masala, Dhania Powder Manufacture,

Dhania Processing Plant, How to Make Garam Masala, Manufacture of Sabji Masala Powder, Popcorn Masala Manufacture, Spices Processing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Spices Processing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Spices Processing Industry in India, Spices Processing Projects, New project profile on Spices Processing industries, Project Report on Spices Processing Industry, Detailed Project Report on Garam Masala Manufacturing, Project Report on Chili Powder Manufacturing, Pre-Investment Feasibility Study on Turmeric Powder Processing, Techno-Economic feasibility study on Chili Powder Processing, Feasibility report on Masala Manufacturing, Free Project Profile on Turmeric Powder Processing, Project profile on Masala Manufacturing, Download free project profile on Chili Powder Manufacturing, Startup Project for Garam Masala Manufacturing, Project report for bank loan, Project report for bank finance, Project report format for bank loan in excel, Excel Format of Project Report and CMA Data, Project Report Bank Loan Excel, Spice Production: Masala Powder Making to Packaging Process with Formula, Spice Cultivation and Processing, The Spice Factory: Masala Powder, Garam Masala, Chaat Masala, Sambar Masala, Pav Bhaji Masala, Manufacture of Indian Kitchen Spices (Masala Powder) with Formulations, Spices processing plant, How to start spice business, Turmeric Powder, Red Chilli Powder, Dhaniya Powder, Garam Masala, Sabji Masala, Popcorn Masala

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

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

Mobile: +91-9811043595

Fax: +91-11-23845886

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

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# Niir PROJECT CONSULTANCY SERVICES

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## Who are we?


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





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





*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*
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## How are we different ?

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

# Our Approach



**Requirement collection**

**Thorough analysis of the project**

**Economic feasibility study of the Project**

**Market potential survey/research**

**Report Compilation**

# Contact us

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106-E, Kamla Nagar, Opp. Spark Mall,  
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, 8800733955

Mobile: +91-9811043595

Fax: +91-11-23845886

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