How Start a Cashew Nut Processing Business, Cashew Processing Industry







Introduction

The cashew tree (Anacardium occidentale) is a tropical evergreen tree that produces the cashew nut and the cashew apple. It can grow as high as 14 metres (46 ft), but the dwarf cashew, growing up to 6 metres (20 ft), has proved more profitable, with earlier maturity and higher yields.





The cashew nut is served as a snack or used in recipes, like other nuts, although it is actually a seed. The cashew apple is a fruit, whose pulp can be processed into a sweet, astringent fruit drink or distilled into liqueur.





The shell of the cashew nut yields derivatives that can be used in many applications from lubricants to paints, and other parts of the tree have traditionally been used for snake-bites and other folk remedies.

Health Benefits of the Cashew Nut: Prevents Cancer, Healthy Heart, Lowers High Blood Pressure, Healthy Bones, Helps in Weight Loss Anti-oxidants etc.



Cashew nut was brought to India primarily as a soil conservation crop. Slowly India realized the commercial relevance of the nut and emerged as the largest producer of cashew. India plays a major role in the international trade on cashew nuts and kernels. The production of cashew nut is very low as compared to its increasing demand in India.



Indian cashew is known for its quality, appearance and taste in the international market. India is the largest producer and exporter of cashew kernels in the world. Over 65 per cent of the world export of cashew kernels is accounted for by India.





Indian cashews are consumed in as many as 60 countries all over the world. Indian cashews are consumed in as many as 60 countries all over the world. Thus, due to demand it is a good project for entrepreneurs to invest.

Few Indian Major Players are as under

- Kerala State Cashew Devp. Corpn. Ltd.
- Mac Industries Ltd.
- Moolchand Exports Ltd.
- Olam Exports (India) Ltd.
- Padmavathi Cashews & Coffee Ltd.



PROJECT AT A GLANCE

(Rs. in lacs)

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COST OF PROJECT

MEANS OF FINANCE

						Propose	
Particulars	Existing	Proposed	Total	Particulars	Existing	d	Total
Land & Site Development Exp.	0.00	15.00	15.00	Capital	0.00	31.48	31.48
Buildings	0.00	23.55	23.55	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	53.25	53.25	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	4.00	4.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	11.75	11.75	Cash Subsidy	0.00	0.00	0.00
	0.00	• • • •	• • • •		0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	2.00	2.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00		Long/Medium Term Borrowings	0.00	94.43	94.43
Preliminary& Pre-operative Exp	0.00	1.00	1.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	5.00	5.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	10.35	10.35				
TOTAL	0.00	125.90	125.90	TOTAL	0.00	125.90	125.90



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Y	ear	Annu	alised	Book	Debt	Divide	Reta	ined	Payou	Probab	P/E	Yield
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										Market		Book Value
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	3-4	10.26	13.37	32.70	12.00	0.00	100.00	10.26	0.00	10.26	1.00	0.00
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astratic	5	12.87	15.57	45.57	6.00	0.00	100.00	12.87	0.00	12.87	1.00	0.00
Mathalan .	5-											
- Andrew	6	15.37	17.71	60.94	0.00	0.00	100.00	15.37	0.00	15.37	1.00	0.00
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Initia	1			3.00	3.00									
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2-3	1.60	1.46		0.80	0.80	1.82		10.97%	6.28%	4.21%	123.12	21.73 %	2.86	1.19
3-4	1.93	1.60	1.93	0.37	0.37	1.17		11.78%	7.71%	4.99%	140.67	21.72 %	2.92	1.40
4. 5	- 2.33	1.76		0.13	0.13	0.78		12.32%	8.73%	5.56%	158.22	21.72 %	2.87	1.63
5. 6	2.82	1.93		0.00	0.00	0.54		12.68%	9.45%	5.98%	175.78	21.71 %	2.76	2.23



BEP

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BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	52.17%
Total BEP (% of Installed Capacity)	56.36%
IRR, PAYBACK and FACR	
Internal Rate of Return (In %age)	25.45%
Payback Period of the Project is (In Years)	2 Years 4 Months
Fixed Assets Coverage Ratio (No. of times)	11.897





(npcs)

1. District Profile & Geotechnical Site Characterization

- 1.1. General
- 1.2. Topography
- 1.3. Demographics
- 1.4. Map
- 1.5. Administrative Set up
- 1.6. Industry at a Glance
- 1.7. Large Scale Industries/Public Sector undertakings
- 1.8. Medium Scale Enterprises
- **1.9.** Service Enterprises
- 1.10. Transport



2. Introduction

- 2.1. Etymology
- 2.2. Habitat and Growth
- 2.3. Cashew Nut

3. Nutritive Value / Composition

- 3.1. Overall Composition
- 3.2. Total Nutrient Content
- 3.3. Protein Content
- 3.4. Carbohydrate Content
- 3.5. Fatty Acid Composition
- 3.6. Vitamin Content
- 3.7. Mineral Content



- 3.8. Allergy
- 3.9. Cashew Oil
- 3.10. Cashew Shell Oil
- 3.11. Cashew Apple
- 3.12. Alcohol
- 4. Medicinal Uses
- 4.1. Health Benefits of the Cashew Nut:
- 5. Properties
- 6. B.I.S. Specifications
 6.1. IS: 7750 1975 Cashew Kernals





- 6.3. Specification for Cashew Kernels
- 6.4. International Standard Specification
- 7. Applications of CNSL
- 8. Market Survey
- 8.1. Target Market



9. Financials & Comparison of Major Indian Players/Companies

- 9.1. About Financial Statements of CMIE Database
- 9.2. Profits & Appropriations
- 9.3. Total Liabilities
- 9.4. Total Assets
- 9.5. Net Cash Flow from Operating Activities
- 9.6. Section I
 - 9.6.1. Name of Company with Contact Details
 - 9.6.2. Name of Director(s)
 - 9.6.3. Plant Capacity
 - 9.6.4. Location of Plant
 - 9.6.5. Name of Raw Material(s) Consumed with Quantity

& Cost



Section – II 9.7. 9.7.1.

- Assets
- **9.7.2.** Cash Flow
- 9.7.3. Cost as % ge of Sales
- 9.7.4. Forex Transaction
- 9.7.5. Growth in Assets & Liabilities
- 9.7.6. Growth in Income & Expenditure
- Income & Expenditure 9.7.7.
- 9.7.8. Liabilities
- 9.7.9. Liquidity Ratios
- **Profitability Ratio** 9.7.10.
- 9.7.11. **Profits**
- 9.7.12. Return Ratios
- 9.7.13. Structure of Assets & Liabilities (%)
- Working Capital & Turnover Ratios 9.7.14.



10. Export & Import Statistics Data of India

- 10.1. Export Statistics Data for Cashew Nut
- 10.2. Import Statistics Data for Cashew Nut
- 11. Present Manufacturers
- 12. Basic Raw Material
- Processing of Cashew Kernel
 Overview of Cashew Nut Processing





- 15. Cashew Process Flow Chart with Relevant Machinery
- 16. Cashew Kernel Processing Steps
- 17. Monitoring Methodology



18. Environmental Standards for Cashew Processing Industries

- 18.1. Air Pollution Emission Standards
- 18.2. Waste Water Discharge Standards
- 18.3. Solid Waste Disposal Practices:
- 19. Quality Control of Cashew Kernels
- 19.1. Infestation
- 19.2. Hygiene and Safety
- 19.3. Food Hygiene and the Law
- 19.4. Food Poisoning and its Causes
- 19.5. Personal Hygiene



19.6. Other Sources of Contamination

19.7. Packaging and Preservation

20. Food Hygiene Summary

- 20.1. Transferring Bacteria from Outside Sources
- 20.2. Creating Ideal Growth Conditions for Microbes
- 20.3. Plant Sanitation:
- 20.4. Factors Promoting Infestation:
- 20.5. Preventing Infestation

21. Suppliers of Plant & Machinery

21.1. Complete Machinery Suppliers



22. Suppliers of Raw Material

23. Product, Machinery & Raw Material Photographs

- 23.1. Cashew Fruits
- 23.2. Raw Cashew Nut
- 23.3. Cashew Kernels
- 23.4. Machinery Photographs
- 24. Plant Layout

25. Quotation of Plant, Machinery and Equipments from Supplier



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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	



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•	Plant & Machinery5
	Indigenous Machineries
	Other Machineries (Miscellaneous, Laboratory etc.)
•	Other Fixed Assets
	Furniture & Fixtures
	Pre-operative and Preliminary Expenses
	Technical Knowhow
	Provision of Contingencies
•	Working Capital Requirement Per Month7
	Raw Material
	Packing Material
	Lab & ETP Chemical Cost
	Consumable Store



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 Overheads Required Per Month and Per Annum Utilities & Overheads (Power, Water and Fuel E Royalty and Other Charges 	
Selling and Distribution Expenses	
Salary and Wages	9
• Turnover Per Annum	1
Share Capital	1
Equity Capital	
Preference Share Capital	

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- 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

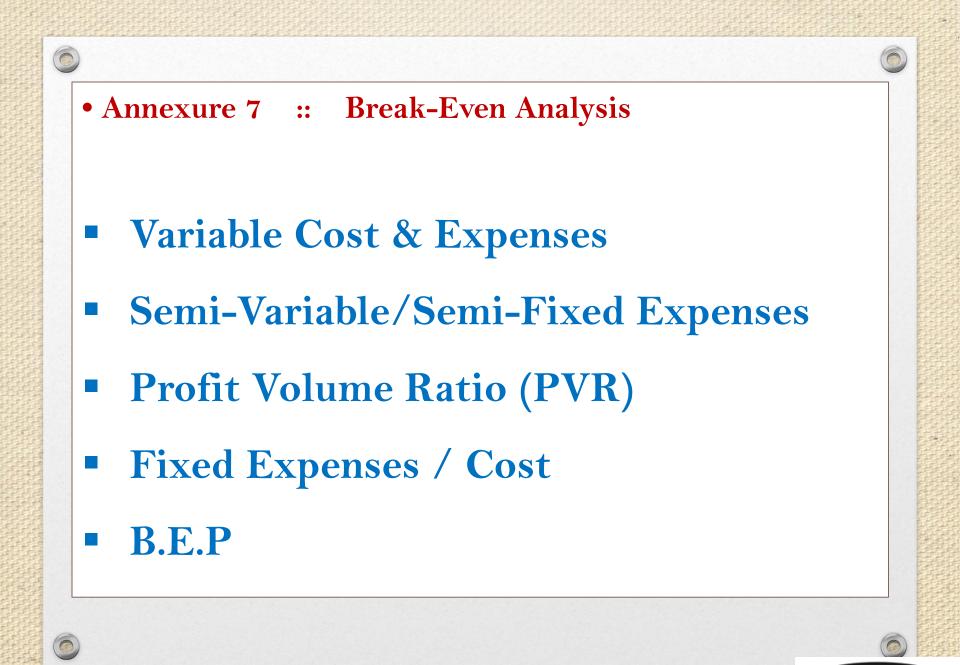
- Current Assets
- Gross Working Capital
- Current Liabilities
- Net Working Capital
- Working Note for Calculation of Work-inprocess
- Annexure 4 :: Sources and Disposition of Funds



• 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 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 ::
- Annexure 16 ::
- Annexure 17 ::

Cost

• Annexure 18 :: (

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- Annexure 19
 - Annexure 20

- **Total Raw Material Cost**
 - **Raw Material Cost per unit**
 - **Total Lab & ETP Chemical**

- **Consumables, Store etc.**
- Packing Material Cost
 - 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

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- 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



Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on

How Start a Cashew Nut Processing Business, Cashew Processing Industry

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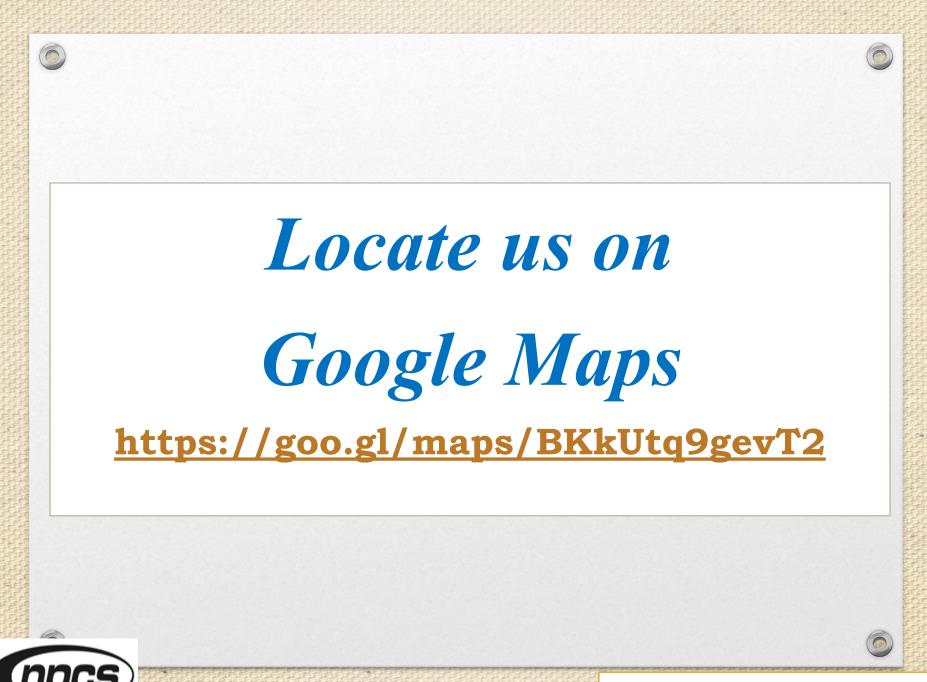
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Who are we?

- 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



What do we offer?

- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- Market Research Reports
- Technology Books and Directory
- 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



Who do we serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- \circ NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations





Sectors We Cover

- Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- O 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 & Hospitability 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

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• 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)
- 0 Wire & Cable





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